SCOPE OF ACCREDITATION

TESTING LABORATORY (GOST ISO/IEC 17025-2019)

Testing Center of the Federal State Budgetary Educational Institution of Higher Education "St. Petersburg State University of Telecommunications named after Prof. **M.A.** Bonch-Bruevich"

Name of the testing laboratory

RA.RU.21AE42

Number in the register of accredited persons

1. 193232, RUSSIA, City of St. Petersburg, Bolshevikov Ave., 22, building 1, letter Z, No. 522/2, 524/2, 137/2.

Addresses of places of business

Compliance with requirements

GOST ISO/IEC 17025-2019 General requirements for the competence of testing and calibration laboratories. GOST ISO/IEC 17025-2019

Name and details of the interstate or national standard

193232, RUSSIA, City of Saint Petersburg, Bolshevikov Avenue, Building 22, Block 1, Lit. Zh, No. 522/2, 524/2, 137/2.

Addresses of places of business

No.	Documents establishing rules and methods for research (testing) and measurements	Name of facility	KODOKP 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1. Testing (research), product measurements						
1.1.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix l. Methodology for verifying compliance with technical service parameters (orders of the Ministry of Communications of Russia dated	Equipment communication;	26.30	8517	centralized method, in which all status information of the communication node equipment sent to the Central Control and Technical Office	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1.	16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 27.02.2007 No. 24, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 30.10.2009 No. 136, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 15.09.2015 No. 346), Method; Other studies (tests); methods of other research (testing) without specification					

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1.						
1.2	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 1. Methodology for verifying compliance with technical maintenance parameters (orders Ministry of Communications and Mass Media of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 27.02.2007 No. 24, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Equipment communication;	26.30	8517	automatic compliance with software	provided/not provided
					for maintenance personnel teams	compliant/non-compliant

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.2.	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 30.10.2009 No. 136, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 15.09.2015 No. 346), Performance of functions management, operation, and technical maintenance; Other research (testing); methods of other research (testing) without specification					
1.3.	Program and methodology confirmation testing type conformity, approved by the IC SPbGUT 1O.O1.2017. Appendix 1. Methodology for checking compliance with requirements technical equipment parameters maintenance (orders Ministry of Communications of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, from	Equipment Communication;	26.30	8517	automatic monthly statistical accounting for schedule or technical teams personnel and recording in the history file equipment on magnetic (or optical) media the Central Control and Technical Support Center situations in equipment and software, including (scheduled	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU Foreign Economic Activity Code	Defined characteristic (Indicator)	Determination range
1.3.	27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 27.02.2007 No. 24, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 30.10.2009 No. 136, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 15.09.2015 No. 346), Testing and diagnostics management; detection and localization of faulty equipment using diagnostic programs; Other studies				module reconfiguration; forced (emergency) reconfiguration of modules; malfunctions and blockages of control devices; blockages of modules; blockages of intra-station paths; blockages of inter-station paths)	
					ability of the CUiTO center to collect and display statistical data on subscriber connections (successful, unsuccessful, connection attempts, lost connections) or on connections of statistical groups of subscribers for different types of traffic	provided/not provided
					Diagnostic depth (with an accuracy of one board: at least 80% of faults; with an accuracy of two boards: at least 85% of faults; with an accuracy of three or more boards: at least 90% of faults) boards: at least 90%	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.3.	(tests); methods of other studies (tests) without specifying				malfunctions; intervention by service personnel in other cases; output of messages about equipment malfunctions detected by the testing and diagnostics system (TSiTO)	
1.4	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 1O.O1.2017. Appendix 1. Methodology for verifying compliance with requirements for technical maintenance (orders of the Ministry of Communications of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 16.10.2006 No. 132, from 12.12.2007 No. 147, dated 27.02.2007 No. 24, dated	Equipment communication;	26.30	8517	Administrative management	provided/not provided
					control operating equipment	ensured/not ensured
					management of equipment restoration	provided/not provided
					Testing Management **and** diagnostics	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.4.	21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 30.10.2009 No. 136, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 15.09.2015 No. 346), Functions management, operation, and technical maintenance; Other research (testing); methods of other research (testing) without specification					
1.5.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix \. Methodology for verification compliance with technical maintenance parameters (orders	Equipment Communication; Equipment Communication;	26.30;26.30	8517	Information output maintenance personnel about functioning equipment	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.5.	Ministry of Communications and Mass Media of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 27.02.2007 No. 24, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 30.10.2009 No. 136, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 15.09.2015 No. 346), Tasks management, operation, and technical maintenance; Other research				Control Equipment operability	provided/not provided
					collection of information on equipment functioning	provided/not provided
					Management of technical resources	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.5.	(tests); methods of other studies (tests) without specification					
1.6	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 1. Methodology for verifying compliance with maintenance parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 27.02.2007 No. 24, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Communication devices performing the function of control and monitoring systems; Communication equipment; Communication equipment;	26.30.11.130;26.30;26.30	8517	reliability ensured by reserving the main group and control units	ensured/not ensured
					preservation of statistical data and connection cost accounting data when rebooting the hardware software	ensured/not ensured
					preservation of statistical and billing data and, mainly, preservation of established connections during software restarts	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.6.	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 30.10.2009 No. 136, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated September 15, 2015 No. 346), Management of equipment restoration; monitoring the status of functional units and managing restarts of units for which restart capability is provided; other research (testing); methods of other research (testing) without specification					
1.7.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 1. Methodology for verifying compliance with requirements for	Communication equipment; Communication equipment;	26.30;26.30	8517	administrative management of subscriber data (creation, modification, deletion, reading of subscriber data; blocking or unblocking of subscribers;	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.7.	Maintenance parameters (Orders of the Ministry of Communications and Mass Media of Russia No. 59 dated May 16, 2006, No. February 6, 2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 27.02.2007 No. 24, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 30.10.2009 No. 136, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 15.09.2015 No. 346), Functions of administrative				viewing, changing, and output of call cost accounting data for a subscriber or group of subscribers)	
					administrative management of information protection (protection of access to the control unit and ITO using passwords; the existence of at least two categories of users (administrator and user) with different passwords and different access rights to the control unit and ITO)	provided/not provided
					Administrative management of system commands (display of all command codes implemented in the system; ability to change existing commands and introduce new ones)	provided/not provided
					Administrative management of system configuration (entry, modification, and deletion of data) configuration; activation	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.7.	control; Other studies (tests); Methods of other studies (tests) without specification				or deactivation of loading Software in selected equipment and operability)	
					Administrative routing management (creation, modification, deletion of call routing data (bundle of connecting lines, route, destination code, signaling on the destination); blocking, unblocking of destinations)	Provided/not provided
					Administrative management of real-time system clocks	provided/not provided
1.8.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 1. Methodology for verifying compliance with the requirements for technical parameters	Communication devices performing the function of control and monitoring systems; Communication equipment; Communication equipment;	26.30.11.130;26.30;26.30	8517	automatic control distributed; equipment modules equipment independently detects damage and errors	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.8.	service (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008, No. 15, 27 August 2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 16. l 0.2006 No. 132, dated 12.12.2007 No. 147, dated 27.02.2007 No. 24, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 30.10.2009 No. 136, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 15.09.2015 No. 346), Control of equipment operation; Other				detection and recording alarm signals, and their processing with subsequent output of alarm messages to the maintenance device or system alarm panel (from all: functional blocks; modules; transmission systems: absence of signal at the input of component signals and aggregate signals, appearance of an alarm status indication signal (ASIS), loss of cycle synchronization, increase in the error coefficient at the input, reception of an alarm signal from the opposite side; power supply sources)	ensured/not ensured
					constant or periodic (scheduled or on command from technical personnel from the maintenance terminal) monitoring of equipment operation	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.8.	research (testing); methods of other research (testing) without specification				separation of emergency reports by category according to urgency of fault repair (critical faults that cause a significant deterioration in service and require immediate intervention; major accidents (serious faults) that require intervention within a day; minor faults that do not require immediate intervention and are repaired during periods of lowest load)	provided/not provided
					control functions equipment functioning of equipment (software integrity control; configuration data integrity control; control of running services; control of registration logs)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.9.	Program and methodology confirmation tests type conformity, approved by the SPbGUT 10.01.2017. Appendix 2. Communication testing methodology compliance with requirements for power supply parameters (orders of the Ministry of Communications Russia dated May 16, 2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, from 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, from 12.12.2007 No. 147, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 02.07.2007 No. 73, dated 07.12.2006 No. 161, dated	Means of communication, performing the function control systems and monitoring; Equipment Communication equipment; Equipment used for accounting for the volume of services rendered of communication services; Equipment Communication equipment; Terminal equipment (user) telephone or telegraph communications, video communications equipment Equipment Communication; Means of communication, performing the function switching systems;	26.30.11.130;26.30;26. 30.11.140;26.30;26.30. 2;26.30;26.30.11.11O	8517;8537	Nominal voltage power supply (set in TU) in the range	provided/not provided from 0.01 to 80.00 (V)
					Power supply from reference source 48 V voltage from power supply installations (EPU) with grounded positive pole	provided/not provided
					power supply from a 60 V reference voltage source from a power supply unit (PSU) with a grounded positive pole	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.9.	29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Power supply from the source supporting equipment; Other research (tests); methods of other research (testing) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.10	Program and methodology tests confirming type conformity, approved by the IC SPbGUT January 10, 2017. Appendix 2. Testing methodology compliance with requirements for power supply parameters (orders of the Ministry of Communications of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, from 12.12.2007 No. 148, dated 29.04.2008 No. 51, from 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, from 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 02.07.2007 No. 73, dated 07.12.2006 No. 161, dated	Communication equipment, performing the function control systems and monitoring; Equipment communication equipment; Equipment Communications, radio or television transmission; television cameras; Equipment used for recording the volume of services rendered telecommunications services; Equipment Communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Communication devices, performing the function switching systems;	26.30.11.130;26.30;26.30.1;26.30.11.140;26.30;26.30.2;26.30;26.30.11.110	8517;8537	receipt of all required voltage ratings direct current by conversion of the reference voltage	provided/not provided
					When any of the converters is switched off, the power supply parameters remain within the standard limits.	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.10.	29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Receipt of all required voltage ratings of direct current voltage current; Other research (tests); methods of other research (testing) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.11.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 2. Communication testing method compliance with requirements power supply parameters (orders of the Ministry of Communications Russia dated May 16, 2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, from 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, from 12.12.2007 No. 147, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 02.07.2007 No. 73, dated 07.12.2006 No. 161, dated	Means of communication, performing the function control systems and monitoring; Equipment communication equipment; Equipment used for accounting for the volume of services rendered ; Equipment Communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Communication devices, performing the function switching systems;	26.30.11.130;26.30;26.30.11.140;26.30;26.30.2;26.30;26.30.11.11O	8517;8537	transitions from basic sources to backup ones, including battery battery and back, without power failure	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.11.	29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Transitions from main sources to reserve sources; Other research (tests); methods of other research (testing) without clarification					

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.12	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 2. Verification methodology compliance with requirements for power supply parameters (orders of the Ministry of Communications Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated April 21, 2008, No. 46, from 12.12.2007 No. 148, from 29.04.2008 No. 51, from 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, from 07.12.2006 No. 158, from 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 02.07.2007 No. 73, dated 07.12.2006 No. 161, dated	Communication equipment, performing the function control systems and monitoring; Equipment Communication Equipment Communication radio or television transmission; television cameras; Equipment used for recording the volume of services rendered telecommunications services; Equipment communication equipment; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Communication devices, performing the function switching systems; Antennas and antenna reflectors of all types **and** their parts; transmission parts radio and television equipment and television cameras;	26.30.11.130;26.30;26.30.1;26.30.11.140;26.30;26.30.2;26.30;26.30.11.110;26.30.40	8517;8537	normal functioning of the unit communication for 2 hours	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.12.	29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Reserve battery capacity capacity; Other research (tests); methods of other research (testing) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Scope of definition
1.13.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 2. Communication testing methodology compliance with requirements for power supply parameters (orders of the Ministry of Communications Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, from 21.04.2008 No. 46, dated 12.12.2007 No. 148, from 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 02.07.2007 No. 73, dated 07.12.2006 No. 161, dated	Means of communication, performing the function control systems and monitoring; Equipment Communication equipment; Equipment Communications, radio or television transmission; television cameras; Equipment used for recording the volume of communication services provided; Communication equipment Communication equipment; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Communication devices, performing the function switching systems;	26.30.11.130;26.30;26.30.1;26.30.11.140;26.30;26.30.2;26.30;26.30.11.110	8517;8537	when powered from a alternating current voltage 220 V frequency (50±5) Hz	from 187 to 242 (V)
					when powered by a 48 V DC reference source	from 40 to 57 (B)
					when powered from a 60 V DC reference source	from 48 to 72 (V)

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.13.	29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated October 28, 2008 No. 85), Preservation normal operability in the event of voltage deviation from the nominal value; Other research (tests); methods of other research (testing) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.13.						
1.14	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 2. Testing procedure compliance with requirements for power supply parameters (orders of the Ministry of Communications Russia dated May 16, 2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, from 12.12.2007 No. 148, dated 29.04.2008 No. 51, from 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 11.12.2006 No. 166, dated	Communication equipment, performing the function control systems and monitoring; Equipment communication equipment; Equipment Communication radio or television transmission equipment; television cameras; Equipment used for recording the volume of services rendered telecommunications services; Equipment communication equipment; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Communication devices, performing the function switching systems; Antennas **and** antenna	26.30.11.130;26.30;26.30.1;26.30.11.140;26.30;26.30.2;26.30;26.30.11.110;26.30.40	8517;8537	maintaining normal operability during frequency deviation AC power supply with a voltage of 220 V in within the range: from 47.5 to 50.5 Hz	ensured/not ensured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Scope of definition
1.14.	06.12.2007 No. 144, dated 07.12.2006 No. 158, from lO.O1.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 02.07.2007 No. 73, dated 07.12.2006 No. 161, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. 1 0.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. l, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated October 28, 2008 No. 85), Preservation normal working capacity at	reflectors of all types and their parts; parts of the transmitting radio and television equipment and television cameras;				

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.14.	AC power frequency deviation; Other studies (tests); Methods of other studies (tests) without specification					
1.15	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 2. Testing procedure compliance with requirements power supply parameters (orders of the Ministry of Communications Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, from 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.06.2007 No. 60, dated February 27, 2007, No. 24, from 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated	Communication means, performing the function control systems and monitoring; Equipment communication equipment; Equipment Communication, radio or television transmission; television cameras; Equipment used for accounting for the volume of services rendered telecommunications services provided; Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Means of communication, performing the function switching systems;	26.30.11.130; 26.30; 26.30.1;26.30.11.140;26.30;26.30.2;26.30;26.30.11.110	8517;8537	sustainable functioning under reference pulse voltage: up to 10 mV psophometric	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.15.	11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 02.07.2007 No. 73, dated 07.12.2006 No. 161, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Ripple of the reference voltage; Other					

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.15.	research (testing); methods of other research (testing) without specification					
1.16	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 2. Communication testing methodology compliance with requirements for power supply parameters (orders of the Ministry of Communications Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, from 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 11.12.2006 No. 166, dated	Means of communication, performing the function control systems and monitoring; Equipment Communication equipment; Equipment Communications, radio or television transmission; television cameras; Equipment used for accounting for the volume of communication services provided; Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Communication devices, performing the function switching systems;	26.30.11.130; 26.30; 26.30.1;26.30.11.140;26.30;26.30.2;26.30;26.30.11.110	8517;8537	no more than 15 mV in the range frequencies from 0.3 to 20.0 kHz	provided/not provided
					no more than 250 mV in frequency range up to 300 Hz	provided/not provided
					no more than 50 mV in the frequency range from 20 to 25 kHz	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.16.	06.12.2007 No. 144, dated 07.12.2006 No. 158, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 02.07.2007 No. 73, dated 07.12.2006 No. 161, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. 1 0.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Broadband level broadband noise; Other studies					

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.16.	(tests); methods of other studies (tests) without specification					
1.17	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 2. Communication testing methodology compliance with requirements for power supply parameters (orders of the Ministry of Communications Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, from 31.05.2007 No. 58, from 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, from 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.06.2007 No. 60, dated February 27, 2007, No. 24, from 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 11.12.2006 No. 166, dated	Means of communication, performing the function control systems and monitoring; Equipment Communication equipment; Equipment Communication, radio or television transmission; television cameras; Equipment used for accounting for the volume of services rendered communication services rendered; Equipment communication equipment; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Means of communication, performing the function switching systems;	26.30.11.130;26.30;26.30.1;26.30.11.140;26.30;26.30.2;26.30;26.30.11.110	8517;8537	alarm system for control of faults in EPU	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.17.	06.12.2007 No. 144, dated 07.12.2006 No. 158, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 02.07.2007 No. 73, dated 07.12.2006 No. 161, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. 1 0.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Alarm system alarm system for monitoring malfunctions ;Other					

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.17.	research (testing); methods of other research (testing) without specification					
1.18	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 3. Testing methodology for compliance with requirements for resistance parameters climatic and mechanical impacts (orders of the Ministry of Communications of Russia dated May 16, 2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, from 03.10.2006 No. 128, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 12.12.2007 No. 147, from 12.12.2007 No. 148, dated 11.12.2006 No. 166, dated 07.12.2006 No. 158, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 02.07.2007 No. 73, dated 07.12.2006 No. 161, dated 21.12.2006 No. 176, dated	Equipment communication ; Equipment Communication, radio or television transmission; television cameras ; Equipment used for recording the volume of services rendered communication services; Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Means of communication, performing the function switching systems;	26.30; 26.30.1; 26.30.11 .140;26.30;26.30.2;26. 30.11.110	8537;8517	operability when temperature change (average value for five-minute period 0.5 degrees/minute)	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.18.	24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 05.05.2008 No. 53, dated 24.04.2006 No. 52, dated 19.04.2006 No. 46, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 30.01.2018 No. 24), Preservation working capacity in climatic ; Tests for external factors; testing for factors; testing for the effects of changes in ambient temperature					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.19	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 3. Verification methodology for compliance with Stability parameters climatic and mechanical impacts (orders of the Ministry of Information and Communications of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, from 03.10.2006 No. 128, from 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 12.12.2007 No. 147, dated 12.12.2007 No. 148, dated 11.12.2006 No. 166, dated 07.12.2006 No. 158, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 02.07.2007 No. 73, dated 07.12.2006 No. 161, dated 21.12.2006 No. 176, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 05.05.2008 No. 53, dated 24.04.2006 No. 52, dated 19.04.2006 No. 46, orders	Equipment communication; Equipment used for recording the volume of services rendered communication services; Equipment communication equipment; Terminal equipment (user) telephone or telegraph Communications, video communication equipment Equipment communication equipment; Means of communication, performing the function switching systems;	26.30;26.30.11.140;26.30;26.30.2;26.30;26.30.11.110	8537;8517	operability after impact of increased temperatures (from minus 70°C TO 100°C)	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.19	Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 30.01.2018 No. 24), Preservation working capacity in climatic ; Tests for external factors; testing for factors; testing for exposure to elevated maximum temperature environment					
1.20.	Program and methodology confirmation tests type conformity, Approved by the IC SPbGUT January 10, 2017. Appendix 3. Testing methodology for compliance with requirements for resistance parameters	Equipment communication ; Equipment Communication, radio or television transmission equipment; television cameras; Equipment used	26.30;26.30.1 ;26.30.11 .140;26.30;26.30.2;26. 30;26.30.11.11O	8537;8517	operability after impact of reduced temperatures (from minus 70°C TO 100°C)	ensured/not ensured

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.20.	Climatic and mechanical effects (orders of the Ministry of Communications of Russia dated May 16, 2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, by 31.05.2007 No. 58, from 03.10.2006 No. 128, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 12.12.2007 No. 147, dated 12.12.2007 No. 148, dated 11.12.2006 No. 166, dated 07.12.2006 No. 158, dated 10.01.2007 No. **1**, dated 24.05.2007 No. 56, dated 02.07.2007 No. 73, dated 07.12.2006 No. 161, dated 21.12.2006 No. 176, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 05.05.2008 No. 53, dated 24.04.2006 No. 52, dated 19.04.2006 No. 46, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated	for accounting for the volume of services rendered communication services; Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Communication means, performing the function switching systems;				

12.01.2009 No. \, dated 28.03.2011			

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.20.	No. 47, dated 29.01.2009 No. 16, dated 12.12.20] **1** No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 30.01.2018 No. 24), Preservation working capacity in climatic ; Tests for external factors; testing for factors; testing for the effects of low maximum temperature environment					
1.21.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 3. Testing methodology for compliance with requirements for resistance parameters climatic and mechanical impacts (orders of the Ministry of Communications of Russia dated May 16, 2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, from 19.04.2007 No. 48, from 31.05.2007 No. 58, from	Equipment Communication; Equipment Communication, radio or television transmission equipment; television cameras; Equipment used for recording the volume of services rendered communication services; Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment	26.30;26.30.1;26.30.11 .140;26.30;26.30.2;26. 30;26.30.11.110	8537;8517	operability at exposure to elevated and low temperatures (from minus 70°C to 100°C)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.21.	03.10.2006 No. 128, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 12.12.2007 No. 147, dated 12.12.2007 No. 148, dated 11.12.2006 No. 166, from 07.12.2006 No. 158, dated 10.01.2007 No. **1**, dated 24.05.2007 No. 56, dated 02.07.2007 No. 73, dated 07.12.2006 No. 161, dated 21.12.2006 No. 176, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 05.05.2008 No. 53, dated 24.04.2006 No. 52, dated 19.04.2006 No. 46, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 30.01.2018 No. 24), Preservation	Equipment Communications; Communication devices, performing the function switching systems;				

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.21.	Operability under climatic influences; Tests for external factors; Test for exposure to low operating temperatures					
1.22	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 3. Testing methodology Compliance with requirements for resistance parameters climatic and mechanical impacts (orders of the Ministry of Communications of Russia dated May 16, 2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, from 03.10.2006 No. 128, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 12.12.2007 No. 147, dated 12.12.2007 No. 148, dated 11.12.2006 No. 166, from 07.12.2006 No. 158, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 02.07.2007 No. 73, dated	Equipment communication ; Equipment Communication, radio or television transmission equipment; television cameras; Equipment used for recording the volume of services rendered communication services; Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Means of communication, performing the function switching systems;	26.30; 26.30.1; 26.30.11 .140;26.30;26.30.2;26. 30;26.30.11.11O	8537; 8517	operability when low humidity and increased humidity (from 5 TO 98%)	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.22.	07.12.2006 No. 161, dated 21.12.2006 No. 176, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 05.05.2008 No. 53, dated 24.04.2006 No. 52, dated 19.04.2006 No. 46, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 30.01.2018 No. 24), Preservation working capacity in climatic ; Tests for external factors; other methods factors; other methods research (testing) on external factors					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.23	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 3. Testing methodology for compliance with requirements for resistance parameters climatic and mechanical impacts (orders of the Ministry of Communications of Russia dated May 16, 2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, from 03.10.2006 No. 128, from 22.03.2007 No. 39, from 27.02.2007 No. 23, dated 12.12.2007 No. 147, dated 12.12.2007 No. 148, dated 11.12.2006 No. 166, dated 07.12.2006 No. 158, dated 10.01.2007 No. **1**, dated 24.05.2007 No. 56, dated 02.07.2007 No. 73, dated 07.12.2006 No. 161, dated 21.12.2006 No. 176, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 05.05.2008 No. 53, dated 24.04.2006 No. 52, dated	Equipment communication; Equipment Communication, radio or television transmission equipment; television cameras; Equipment used for recording the volume of services rendered communication services; Equipment communication; Terminal equipment (user) telephone or telegraph communications, video communications equipment; Equipment communication; Communication devices, performing the function switching systems;	26.30;26.30.1;26.30.11.140;26.30;26.30.2;26.30;26.30.11.11O		Operability when exposure to increased and low temperatures (from MINUS 70°C TO 100°C)	ensured/not ensured

19.04.2006 No. 46, orders				

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.23	Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 30.01.2018 No. 24), Preservation working capacity in climatic ; Tests for external factors; testing for factors; testing for the effects of low operating temperature					
1.24.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 3. Communication testing methodology compliance with requirements for Stability parameters climatic and	Means of communication, performing the function control systems and monitoring; Equipment Communication equipment; Equipment Communication, radio or	26.30.11.130;26.30;26.30.1;26.30.11.140;26.30;26.30.2;26.30;26.30.11.110	8517;8537	Insulation resistance	from 0.1 to 10,000 (MΩ)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Scope of definition
1.24.	Mechanical impact (orders of the Ministry of Information and Communications of Russia dated May 16, 2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 12.12.2007 No. 147, from 12.12.2007 No. 148, dated 11.12.2006 No. 166, dated 07.12.2006 No. 158, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 02.07.2007 No. 73, dated 07.12.2006 No. 161, dated 21.12.2006 No. 176, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 05.05.2008 No. 53, dated 24.04.2006 No. 52, dated 19.04.2006 No. 46, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 12.01.2009 No. 1, dated 28.03.2011	television transmission; television cameras; Equipment used for recording the volume of services rendered telecommunications services; Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communications; Communication means, performing the function switching systems;				

No. 47, dated 29.01.2009 No. 16, dated			

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.24.	12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 30.01.2018 No. 24), Resistance; Other research (testing); methods of other research (testing) without specification					
1.25.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 4. Methodology for verifying compliance with the requirements for the parameters of the equipment under test in terms of ensuring the use of numbering and identification (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 48 dated April 19, 2007, May 31, 2007 No. 58, 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 21.04.2008 No. 45, dated	Communication devices that perform the functions of control and monitoring systems; Equipment used to record the volume of communication services provided; Communication equipment; Communication equipment; Communication devices performing the function of switching systems;	26.30.11.130;26.30.11.140;26.30;26.30;26.30.11.110	8517	Identification user	provided/not provided
					use of one or more private user identifiers (PrUI) in the format "username@realm" and one or more public user identifiers (PuUI) in the format "sip:user@domain" and/or "tel:7ABCxlx2x3x4x5x6x7" or "tel:7DEFx 1x2x3x4x5x6x7" for identification	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.25.	24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 28.10.2008 No. 85), Requirements for numbering and identification; Other studies (tests); methods of other studies (tests) without specifying				data routing, using Internet addressing in the format defined by IP protocols versions 4 and 6 (IPv4, IPv6)	provided/not provided
					routing of telephone connections to the SSOP using an international or national telephone number of a fixed or mobile network and/or a public user identifier (PuUI) in SIP URI format	provided/not provided
					reception and transmission of up to 18 characters, including the telephone number used in the communications network	provided/not provided
					assignment of a contact address in IPv4 or IPv6 protocol format for user identification in the information and telecommunications network Internet	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.26	Program and methodology Confirmation tests type compliance, approved by the SPbGUT IC 10.01.2017. Appendix 4. Methodology for verifying compliance with the requirements for the parameters of the equipment under test in terms of ensuring the use of numbering and identification (orders of the Ministry of Communications of 27.08.2007 No. 101, No. 48 dated 19.04.2007, May 31, 2007 No. 58, 11.09.2007 No. 106, 21 April 2008 No. 44, 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. \, dated 28.03.2011	Equipment communication;	26.30		"O"<IMSI>@wlan.шпс<MNC>.sss<MCC> .3gppnetwork .org: for authentication EAP-SIM	provided/not provided
					"1"<IMSI>@wlan.шпс<MNC>.шсс<MCC> .3gppnetwork .org: for EAP-AKA authentication	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.26.	No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 28.10.2008 No. 85), Use of identifiers for UE authentication when access via TWAN to the (NAI); Other research (testing); methods of other research (testing) without specification					
1.27.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 4. Verification method compliance with the parameters of the tested equipment in terms of ensuring the use of numbering and identification (Orders of the Ministry of Information and Communications of Russia dated 27.08.2007 No. 101, No. 48 dated April 19, 2007, May 31, 2007, No. 58, 11 September 2007 No. 106, 21 April 2008 No. 44, 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated	Equipment used for accounting for the volume of services rendered communication services; Equipment Communication; Equipment communication ; Communication means, performing the function switching systems;	26.30.1 l. l40;26.30;26. 30;26.30.11. 11 O	8517	"O"<IMSI>@wlan.mnc<MNC>.mcc<MCC>.3gppnetwork.org: for authentication EAP-SIM	provided/not provided
					"1"<IMSI>@wlan.mnc<MNC>.mcc<MCC>.3gppnetwork.org: for EAP-AKA authentication	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.27.	29.04.2008 No. 51, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated October 28, 2008 No. 85), Use identifiers for UE authentication when access via TWAN to the (NAl); Other research (testing); methods of other research (testing) without specification					
1.28.	Program and methodology tests confirmation type conformity, Approved by the SPbGUT Information Center 1O.O1.2017. Appendix 4.	Equipment used for accounting for the volume of services rendered communication services; Equipment Communication;	26.30.11.140;26.30;26.30.11.110	8517	"ETHERNET": network fixed access with packet switching	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Detection range
1.28.	Methodology for verifying compliance with the requirements for the parameters of the equipment under test in terms of ensuring the use of numbering and identification (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 48 dated April 19, 2007, May 31, 2007 No. 58, 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated October 28, 2008 No. 85), Use	Communication devices that perform the function of switching systems;			"WIMAX": Wi-Fi access network Max	provided/not provided
					"WLAN": WLAN access network	Provided/Not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.28.	Identifiers for UE authentication when accessing the access network (ANID) via TWAN for non-3GPP access; Other research (testing); Methods of other research (testing) without specification					
1.29	Program and methodology confirmation tests type conformity, Approved by the SPbGUT Information Center 1O.O1.2017. Appendix 5. Testing methodology compliance with the requirements for the parameters and types of acoustic and call signals and phrases auto-informer (orders Ministry of Communications of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 21.04.2008 No. 45, dated	Terminal equipment (user) telephone or telegraph Communications, video communication equipment Equipment communication ; Means of communication, performing the function switching systems;	26.30.2; 26.30; 26.30.11 .110	8517	Duration of acoustic signals ("Control call delivery"; "Busy"; "Busy during overload")	provided/not provided OT 1 TO 10 (s) from 0.3 to 2.0 (c)
					Duration of acoustic signals transmitted in the background of a conversation ("Interference signal" with a frequency of 425 Hz; "Notification signal" notification signal" with a frequency of 425 Hz; "Warning signal" with a frequency of 1400 Hz; "Recording warning signal" with a frequency of 1400 Hz; "Conference call participant disconnection signal" with a frequency of 425 Hz)	provided/not provided FROM 0.3 TO 2.0 (s)

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Characteristic to be determined (Indicator)	Detection range
1.29.	24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11)**, Levels, frequency, duration of acoustic signals; Other studies (tests); methods of other studies (tests) without specification				Tracking period acoustic signals ("Call forwarding control"; "Busy"; "Busy during overload")	from 2.01 to 6.00 (s) FROM 0.30 TO 0.49 (s) FROM 0.30 TO 0.49 (s)
					Period between acoustic signals transmitted in the background of a conversation ("Interference signal" with a frequency of 425 Hz; "Notification signal" Notification Signal" with a frequency of 425 Hz; "Warning Signal" with a frequency of 1400 Hz; "Recording Warning Signal" with a frequency of 1400 Hz)	provided/not provided from 0.51 to 1.99 (s) from 2.01 to 6.00 (s)
					Acoustic signal levels "Station response", "Call control", "Busy" (minus 10±5 dB)	from minus 40 to O (dBm)
					Acoustic signal levels transmitted in the background of a conversation (minus 15±5 dB)	from minus 40 to O (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.29.					Frequencies of acoustic signals "Station response", "Call control", "Busy" (425 Hz)	from 320 to 580 (Hz)
1.30	Program and methodology confirmation tests type conformity, Approved by the SPbGUT Information Center 10.01.2017. Appendix 5. Methodology for testing compliance with requirements for parameters and types acoustic and call signals and phrases auto-informer (commands Ministry of Communications of Russia from 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Communication equipment communication equipment; Communication devices, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Shutdown delay call signals (not more than 150 ms)	provided/not provided
					voltage of the calling signal (not less than 35 Veff)	from 0.1 to 750.0 (Veff)
					frequency of call signals (25±5 Hz or 50±5 Hz)	from 0.001 to 200000000.000 (Hz)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.30	14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Call signal parameters; Other studies (tests); methods of other studies (tests) without specification					
1.31.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 5. Methodology for verifying compliance with the requirements for the parameters and types of acoustic and call signals and auto-informer phrases (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	addition possible phrases of the auto-informer	provided/not provided
					ability to delete auto-informer phrases	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.31.	19.04.2007 No. 48, from May 31, 2007 No. 58, from 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **I,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Phrases of the auto-informer; Other research (tests); methods of other research (testing) without specification				list of phrases auto-informer	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.32	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 6. Methodology for verifying compliance with the parameters of the data accounting system for calculating fees (orders Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	possibility of transmission accounting data in automated calculation system (ACP)	provided/not provided
					control of system functioning	ensured/not ensured
					operational conclusion of accounting data	provided/not provided
					recording of data for mutual settlements between operators for services provided for traffic transmission	provided/not provided
					recording of data for calculating fees for communication services provided	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Scope of definition
1.32.	15.09.2015 No. 346), Functions; Other research (testing); methods of other research (testing) without specification					
1.33.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 6. Methodology for verifying compliance with the parameters of the accounting system data for calculating charges (orders Russian Ministry of Communications 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 03.10.2006 No. 128, on 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30; 26.30.11.11O	8517	intra-zone connections	provided/not provided
					for long-distance connections	ensured/not ensured
					international connections	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.33.	14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.0 l.2009 No. **1,** dated No. 47, dated 29.01.2009 No. 16, 12.12.2011 No. 340, dated 15.09.2015 No. 346), Collection registration of data in detailed records of completed connections for automatic and semi-automatic method maintenance; Other research (tests); methods of other research (testing) without specification					
1.34.	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 6. Methodology for verifying compliance with accounting system parameters data for calculating fees (orders of the Ministry of 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31 May 2007 No. 58, dated	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.11O	8517	Data registration	provided/not provided
					data collection	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.34.	03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Collection, registration and storage of data on missed traffic for mutual settlements operators participating in the joint provision of communication services, and statistics; Other research (testing); methods of other research (testing) without specification				data storage	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.35	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 6. Methodology for verifying compliance with requirements for accounting system parameters data for calculating charges (orders Ministry of Communications and Mass Media of Russia 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, from 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated	Equipment communication; Communication facilities, Performing the function switching systems;	26.30;26.30.11.11O	8517	outgoing and incoming long distance, international connections	provided/not provided
					outgoing and incoming connection between by SPRS subscribers	ensured/not ensured
					outgoing and incoming connections with SFTS subscribers	provided/not provided
					outgoing and incoming connections with subscribers of mobile radio telephone networks of other standards	provided/not provided
					outgoing connections to emergency services	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.35.	15.09.2015 No. 346), Collection and storage of accounting data for the purpose of subsequent cost determination for the following types of accounting traffic; Other research (testing); methods of other research (testing) without specifying				connection for the subscriber, of a roaming	provided/not provided
					connection using additional types of services	provided/not provided
					connection using transmission service	provided/not provided
1.36.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 6. Methodology for verifying compliance with the requirements for data accounting system parameters for calculating fees (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, dated 19.04.2007 No. 48, dated May 31, 2007 No. 58, October 3, 2006, No. 128, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	start of data registration charging after response from called user (terminal) equipment	provided/not provided for

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.36.	11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Start registration of data for calculating fees; Other research (testing); methods of other research (testing) without specification					
1.37.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 6. Methodology for verifying compliance with requirements for	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	termination of billing charges upon disconnection of any user (terminal) equipment involved in this connection	ensured/not ensured of

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.37.	accounting system parameters for calculating fees (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31 May 2007 No. 58, dated October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Termination of accrual ; Other research (tests); methods of other research (testing) without specification					

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.38	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 6. Methodology for verifying compliance with metering system parameters data for calculating fees (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31 May 2007 No. 58, dated October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated	Equipment communication; Communication means, Performing the function switching systems;	26.30;26.30.11.11O	8517	data registration fee calculation 100% calls	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.38.	15.09.2015 No. 346), Registration of fee accrual data; Other research (testing); Methods of other research (testing) without specification					
1.39.	Program and methodology confirmation tests type conformity, Approved by the IC SPbGUT 10.01.2017. Appendix 6. Methodology for verifying compliance with the parameters of the data accounting system data for calculating fees (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31 May 2007 No. 58, dated October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.11O	8517	data storage up to receipt of confirmation about successful reception data in the ACS	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.39.	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Data storage; Other research (testing); Methods of other research (testing) without specification					
1.40.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 6. Methodology for verifying compliance with the requirements for data accounting system parameters for calculating fees (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007 No. 58, October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	location data calling subscriber station	provided/not provided
					date and time of connection initiation	provided/not provided
					requested connection attributes	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.40.	21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Detailed record for charging fees for automatic connections; Other research (testing); methods of other research (testing) without specifying				identifiers of equipment that collects data for cost accounting	provided/not provided
					Recording indicators	provided/not provided
					service used	provided/not provided
					category of the terminal element of the communications network	provided/not provided
					code for selecting the operator providing the communication service	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.40.					Disconnection reason code	provided/not provided
					Volume of transmitted/received information with indication of service quality, in case of establishing connections for data transmission	provided/not provided
					Connection duration	provided/not provided
					telephone number of the called user (terminal) equipment or service code, or destination number	provided/not provided
					telephone number of the calling user (terminal) equipment	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.40					Telephone number of the user (terminal) equipment of the paying party	Provided/Not provided
1.41	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 6. Methodology for verifying compliance with metering system parameters data for calculating fees (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31 May 2007 No. 58, dated October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.110	8517	control system operation data recording for uninterrupted operation equipment	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.41.	21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Control of the functioning of the data recording system; Other research (testing); methods of other research (testing) without specification					
1.42.	Program and methodology of incorrect type conformity, Approved by the IC SPbGUT 10.01.2017. Appendix 6. Methodology for checking compliance with requirements for accounting system parameters data for billing charges (orders Ministry of Communications of Russia dated 27.08.2007 No. 101, from 19.04.2007 No. 48, from 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	probability of incorrect measurement systems duration connections, expressed in exceeding the permissible measurement error the duration of telephone connection or inaccurate determination of telephone numbers provocative and called user (terminal) equipment: :::0.0001	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.42.	24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Probability of incorrect system operation measurement systems; Other research (testing); methods of other research (testing) without specification					
1.43.	Program and methodology confirmation tests type conformity, Approved by the IC SPbGUT 1O.O1.2017. Appendix 6. Methodology for verifying compliance with the parameters of the data accounting system data for calculating charges (orders	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.11O	8517	measurement error duration connections: :::; ± **1** s	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.43.	Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007 No. 58, dated October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Measurement error connection duration connection; Other research (tests); methods of other research (testing) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.44.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 6. Methodology for verifying compliance with the requirements for data accounting system parameters for calculating fees (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, dated 19.04.2007 No. 48, dated May 31, 2007 No. 58, October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	no more than 0.1% with a volume transmitted information >100 kB	provided/not provided
					no more than 100 bytes for the volume of transmitted information ::0100 kB	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.44.	15.09.2015 No. 346), Error in measuring the amount (volume) of information transmitted during data transfer; Other research (testing); methods of other research (testing) without specification					
1.45.	Program and methodology confirmation tests type conformity, Approved by the SPbGUT Information Center 1O.O1.2017. Appendix 6. Verification methodology compliance with the requirements for accounting system parameters data for calculating fees (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31 May 2007 No. 58, dated October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated	Equipment communication; Means of communication, performing the function switching systems;	26.30; 26.30.11.110	8517	protection against unauthorized access to information	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.45	14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Protection against unauthorized access to information; Other research (tests); methods of other research (testing) without specification					
1.46.	Program and methodology testing confirmation type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 6. Methodology for verifying verification of compliance with the parameters of the data accounting system data for calculating fees (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007 No. 58, from	Equipment communication; Communication means, Performing the function switching systems;	26.30;26.30.11.11O	8517	duplication and reservation of devices to ensure uninterrupted operation	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.46	03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Duplication and reservation devices; Other research (testing); methods of other research (testing) without specification					
1.47.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 1O.O1.2017. Appendix 6.	Equipment Communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.110	8517	installation option maintenance personnel parameters, registered in the records of connections, and types	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.47	Verification method of compliance with accounting system parameters data for calculating fees (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Possibility of installing by service personnel the parameters recorded in connection records, and				of records	

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.47.	types of records; Other studies (tests); methods of other studies (tests) without specification					
1.48.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 6. Methodology for verifying for compliance with accounting system parameters data for calculating fees (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30; 26.30.11.110	8517	immediate function output to device maintenance accounting information for operational processing data	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.48.	21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Function immediate removal to technical maintenance device for technical information; Other research (tests); methods of other research (testing) without specification					
1.49.	Program and methodology confirmation tests type compliance, approved by the SPbGUT Certification Center 1O.O1.2017. Appendix 6. Methodology for verifying compliance with accounting system parameters data for billing charges (orders Russian Ministry of Communications 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	SDP session description (SDP Session Description)	provided/not provided
					Address of the called party (Called Party Address)	provided/not provided
					Address of the node providing information for CDR (Node Address)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	kodeokp 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.49.	21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Creation of CCF (CDF) IMS accounts MGCF; fields; Other studies (tests); methods of other studies (tests) without specification				Address(es) of the Calling Subscriber, service (List Of Calling Party Address)	provided/not provided
					Attributes of transmitted information (SDP Media Description)	Provided/Not provided
					Service Delivery End Time Stamp	met/not met
					Service Delivery End Time Stamp Fraction	provided/not provided
					CCF/CDF Record Closure Time	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.49.					SIP request time (SIP Request Timestamp)	provided/not provided
					SIP request time, fraction in milliseconds (SIP Request Timestamp Fraction)	Provided/Not provided
					Service request time stamp	provided/not provided
					Service request time, fraction in milliseconds (Service Request Time Stamp Fraction)	provided/not provided
					SIP Response Timestamp	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.49					SIP response time, fraction in milliseconds (SIP Response Timestamp Fraction)	provided/not provided
					CCF/CDF record opening time (Record Opening Time)	provided/not provided
					Service confirmation or rejection time (Service Delivery Start Time Stamp)	provided/not provided
					Service delivery start time stamp fraction in milliseconds	provided/not provided
					SDP Answer Timestamp	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.49					SDP creation time (SDP Offer Timestamp)	provided/not provided
					Incoming/outgoing line identifier (Trunk Group 1D Incoming/Outgoing)	provided/not provided
					Identifier of the service for which the CDR is created (Service Context ld)	provided/not provided
					Call 1D session ID (Session ID)	provided/not provided
					IMS Charging Identifier	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.49					Identifiers of interacting networks (Inter Operator Identifiers): Originating Network Identifier (Originating IOI); Terminating Network Identifier (Terminating IOI)	Provided/Not provided
					Incomplete CDR Indication	provided/not provided
					Number Portability routing information	provided/not provided
					Access network type information (Access Network Information)	Provided/Not provided
					Service Reason Return Code	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.49					Session Description Protocol (SDP) Session Description)	provided/not provided
					Media information parameters (SDP Media Components)	Provided/Not provided
					Media information parameters (SDP Media Components)	Provided/Not provided
					Account Information Reuse (Retransmission)	provided/not provided
					Record sequence number identifying the session (Record Sequence Number)	Provided/Not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.49					Serial number of private (Local Record Sequence Number)	secured/not secured
					Bearer Service	provided/not provided
					Session Priority	provided/not provided
					Reason for CDR closure (Cause For Record Closing)	provided/not provided
					Record Extensions	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Scope
1.49.					Role of MGSF in session service outgoing/destination (Role of Node)	provided/not provided
					Event corresponding to the SIP message (Event)	Provided/Not provided
					SIP message for which an account is created (SIP Metlюd)	provided/not provided
					List of SDP parameters (List of SDP Media Components)	provided/not provided
					List of Early SDP Media Components	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.49					Validity period of information SIP (Expires Information)	Provided/Not provided
					Record type (Record Type)	provided/not provided
					Type of information transmitted (SDP Media Name)	provided/not provided
					Indicates an SDP offer or response (SDP Tour)	provided/not provided
					Session modification flag on the initiative of the called user (Media Initiator Flag)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.50	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 6. Methodology for verifying compliance with the requirements for data accounting system parameters for calculating fees (orders of the Ministry of Communications and Mass Media of Russia No. 101 dated August 27, 2007, No. 19.04.2007 No. 48, dated May 31, 2007 No. 58, October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	SDP session description (SDP Session Description)	provided/not provided
					Called Party Address	provided/not provided
					Node Address	provided/not provided
					Address(es) of the calling party, service (List Of Calling Party Address)	provided/not provided
					Media information attributes (SDP Media Description)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.50	15.09.2015 No. 346), Creation of CCF (CDF) IMS accounts BGCF; fields; Other research (testing); methods of other research (testing) without specification				Service completion time (Service Delivery End Time Stamp)	provided/not provided
					Service delivery end time stamp fraction	Provided/Not provided
					CCF/CDF record closure time (Record Closure Time)	provided/not provided
					SIP request time (SIP Request Timestamp)	provided/not provided
					SIP request time, fraction in milliseconds (SIP Request Timestamp Fraction)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.50.					Service request time Service Request Time Stamp	provided/not provided
					Service request time, fraction in milliseconds (Service Request Time Stamp Fraction)	Provided/Not provided
					SIP response time (SIP Response Timestamp)	provided/not provided
					SIP response time, fraction in milliseconds (SIP Response Timestamp Fraction)	provided/not provided
					CCF/CDF record opening time	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Definition range
1.50						provided/not provided
					Confirmation time or service refusal (Service Delivery Start Time Stamp)	
					Service confirmation or refusal time, fraction in milliseconds (Service Delivery Start Time Stamp Fraction)	provided/not provided
					SDP Answer Timestamp	provided/not provided
					SDP Offer Timestamp	provided/not provided
					Identifier of the service for which the CDR is created (Service Context ld)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.50					Session identifier (Session ID)	provided/not provided
					IMS Charging Identifier	provided/not provided
					Inter Operator Identifiers: Originating Operator Identifier (IOI); Terminating Operator Identifier (TOI)	provided/not provided
					Incomplete CDR Indication	provided/not provided
					Number Portability Routing Information	Provided/Not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.50					Information about the access network (Access Network Information)	Provided/Not provided
					SIP response code (Service Reason Return Code)	provided/not provided
					Media information parameters (SDP Media Components)	provided/not provided
					Reuse of account information (Retransmission)	provided/not provided
					Record sequence number identifying the session (Record Sequence Number)	Provided/Not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.50					Serial number of private (Local Record Sequence Number)	secured/not secured
					Session Priority	provided/not provided
					Reason for CDR closure (Cause For Record Closing)	provided/not provided
					Record Extensions	provided/not provided
					Role of BGCF in session service Outgoing/Destination (Role of Node)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Scope
1.50					Event to which corresponds to the SIP message (Event)	provided/not provided
					SIP message for which an account is created (SIP Method)	provided/not provided
					List of SDP parameters (List of SDP Media Components)	provided/not provided
					List of early SDP parameters (List of Early SDP Media Components)	provided/not provided
					Expires Information	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.50					Record type (Record Type)	Provided/Not provided
					Type of transmitted information (SDP Media Name)	provided/not provided
					Indicates an SDP offer or response (SDP Tour)	provided/not provided
					Indicates an SDP offer or response (SDP Tour)	provided/not provided
					Media Initiator Flag	enabled/disabled

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.51	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 6. Methodology for verifying compliance with the requirements for data accounting system parameters for calculating fees (orders of the Ministry of Communications and Mass Media of Russia No. 101 dated August 27, 2007, No. 19.04.2007 No. 48, dated May 31, 2007 No. 58, October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	SDP session description (SDP Session Description)	provided/not provided
					Called Party Address	provided/not provided
					Node Address	provided/not provided
					Address(es) of the calling party, service (List Of Calling Party Address)	provided/not provided
					Media information attributes (SDP Media Description)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.51	15.09.2015 No. 346), Creation of CCF (CDF) IMS accounts IBCF; fields; Other research (testing); methods of other research (testing) without specification				Service completion time (Service Delivery End Time Stamp)	provided/not provided
					Service Delivery End Time Stamp Fraction	provided/not provided
					CCF/CDF record closure time (Record Closure Time)	provided/not provided
					SIP request time (SIP Request Timestamp)	provided/not provided
					SIP request time, fraction in milliseconds (SIP Request Timestamp Fraction)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.51.					Service request time Service Request Time Stamp	provided/not provided
					Service request time, fraction in milliseconds (Service Request Time Stamp Fraction)	Provided/Not provided
					SIP response time (SIP Response Timestamp)	provided/not provided
					SIP response time, fraction in milliseconds (SIP Response Timestamp Fraction)	provided/not provided
					CCF/CDF record opening time	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Definition range
1.51						provided/not provided
					Confirmation time or service refusal (Service Delivery Start Time Stamp)	
					Service confirmation or refusal time, fraction in milliseconds (Service Delivery Start Time Stamp Fraction)	provided/not provided
					SDP Answer Timestamp	provided/not provided
					SDP Offer Timestamp	provided/not provided
					Identifier of the service for which the CDR is created (Service Context ld)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.51					Identifier IMS service (IMS Communication Service ID)	provided/not provided
					Session ID	provided/not provided
					IMS charging identifier (IMS Charging Identifier)	provided/not provided
					Interoperating network identifiers (Inter Operator Identifiers): Originating network identifier (Originating IOI); Terminating network identifiers (Terminating IOI)	provided/not provided
					Transcoder Inserted Indication	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.51.					Indication of use IP network for the default user plane (IP Realm Default Indication)	provided/not provided
					TrGw usage indication (Loca\ GW Inserted Indication)	provided/not provided
					Incomplete CDR indication (Incomplete CDR Indication)	provided/not provided
					Temporary number routing information (Number Portability routing information)	provided/not provided
					Access network information	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.51.					SIP response code (Session Return Code)	provided/not provided
					Purpose of information (Content-Disposition)	Provided/Not provided
					Media information parameters (SDP Media Components)	provided/not provided
					Reuse of account information (Retransmission)	provided/not provided
					Record sequence number identifying the session (Record Sequence Number)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.51					Serial number of private (Local Record Sequence Number)	secured/not secured
					Session Priority	provided/not provided
					Reason for CDR closure (Cause For Record Closing)	provided/not provided
					Message body size (Content-Length)	provided/not provided
					Record extensions	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.51					Role of IBCF in servicing session (Role of Node)	Provided/Not provided
					Event corresponding to the SIP message (Event)	Provided/Not provided
					SIP message for which an account is created (SIP Metlюd)	provided/not provided
					List of SDP parameters (List of SDP Media Components)	provided/not provided
					List of information to be transmitted in the SIP message body (List of Message Bodies)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.51					List of initial SDP (List of Early SDP Media Components)	provided/not provided
					SIP information validity period (Expires Information)	Provided/Not provided
					Data type for transmission (Content-Type)	Provided/Not provided
					Record type (Record Tour)	provided/not provided
					Type of transmitted information (SDP Media Name)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.51					Specifies information for Originator	provided/not provided
					Indicates SDP proposal or response (SDPType)	Provided/Not provided
					Session modification flag initiated by the called user (Media Initiator flag)	provided/not provided
1.52.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 6. Methodology for verifying compliance with the requirements for the parameters of the data accounting system for calculating fees (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007 No. 58, October 3, 2006, No. 128, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Caller's IP address called subscriber, depending on which subscriber's network the P-CSCF is located in (Served Party IP Address)	provided/not provided
					SDP session description (SDP Session Description)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.52.	11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Creation of CCF (CDF) IMS accounts P-CSCF; fields; Other research (testing); methods of other research (testing) without specification				Authorized parameters Quality of service (Authorised QoS)	provided/not provided
					Called Party Address	Provided/Not provided
					Address of the node providing information for CDR (Node Address)	provided/not provided
					Address(es) of the calling party, service (List Of Calling Party Address)	provided/not provided
					Media information attributes (SDP Media Description)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.52.					Service completion time (Service Delivery End Time Stamp)	provided/not provided
					Service delivery end time stamp fraction	Provided/Not provided
					CCF/CDF record closure time (Record Closure Time)	provided/not provided
					SIP request time (SIP Request Timestamp)	provided/not provided
					SIP request time, fraction in milliseconds (SIP Request Timestamp Fraction)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.52					Service request time Service Request Time Stamp	provided/not provided
					Service request time, fraction in milliseconds (Service Request Time Stamp Fraction)	Provided/Not provided
					SIP response time (SIP Response Timestamp)	provided/not provided
					SIP response time, fraction in milliseconds (SIP Response Timestamp Fraction)	provided/not provided
					CCF/CDF Record Opening Time	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Definition range
1.52						provided/not provided
					Confirmation time or service refusal (Service Delivery Start Time Stamp)	
					Service confirmation or rejection time, fraction in milliseconds (Service Delivery Start Time Stamp Fraction)	provided/not provided
					SDP Answer Timestamp	provided/not provided
					SDP offer creation time (SDP Offer Timestamp)	provided/not provided
					Access Correlation ID	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.52					Identifier Information about the service for which the CDR is created (Service Context ID)	provided/not provided
					Identifier of the service in IMS (IMS Communication Service Id)	Provided/Not provided
					Session identifier (Session ID)	provided/not provided
					IMS charging identifier (IMS Charging Identifier)	provided/not provided
					Inter Operator Identifiers: Originating l01; Terminating l01	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	**Name of object**	**code**	**EAEU HS code**	**Defined characteristic (indicator)**	**Definition range**
1.52					Usage indication	provided/not provided
					IP network for the default user plane (IP Realm Default Indication)	
					TrGw usage indication (Loca\ GW Inserted Indication)	Provided/Not provided
					Incomplete CDR Indication	Provided/Not provided
					Access Network Information	provided/not provided
					SIP response code (Service Reason Return Code)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.52.					Declaration sheet for the called subscriber (List of Called Asserted Identity)	asserted/non-asserted
					Content-Disposition	provided/not provided
					Media information parameters (SDP Media Components)	provided/not provided
					Reuse of account information (Retransmission)	provided/not provided
					Record sequence number identifying the session (Record Sequence Number)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.52					Serial number of private (Local Record Sequence Number)	secured/not secured
					Session Priority	provided/not provided
					Reason for CDR closure (Cause For Record Closing)	provided/not provided
					Message body size (Content-Length)	provided/not provided
					Record extensions	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.52					Role of IBCF in servicing session (Role of Node)	provided/not provided
					Event corresponding to the SIP message (Event)	provided/not provided
					SIP message for which an account is created (SIP Metlюd)	provided/not provided
					List of PuUI of the serviced user (List of Subscription Id)	provided/not provided
					List of SDP parameters (List of SDP Media Components)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.52					List of information for transmission in SIP message bodies (List of Message Bodies)	provided/not provided
					List of Early SDP Media Components	Provided/Not provided
					List of SIP URIs and/or TEL URIs not prohibited during registration (List of Associated URIs)	provided/not provided
					SIP information expiration date (Expires Information)	provided/not provided
					Data type for transmission (Content-Type)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.52					Record type (Record Type)	provided/not provided
					Type of information transmitted (SDP Media Name)	provided/not provided
					Specifies information for sending (Originator)	provided/not provided
					Indicates SDP offer or response (SDP Tour)	provided/not provided
					Media Initiator Flag	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.52					Media Initiator flag	Provided/Not provided
1.53	Program and methodology Confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 6. Methodology for verifying compliance with requirements for accounting system parameters data for billing fees (orders Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.110	8517	Address of the called party subscriber (Called Party Address)	provided/not provided
					Node address, providing information for CDR (Node Address)	met/not met
					Address(es) of the calling subscriber, service (List Of Calling Party Address)	provided/not provided
					Service Request Time Stamp	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.53.	21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Creation of CCF (CDF) IMS accounts 1-CSCF; fields; Other research (testing); methods of other research (testing) without specification				Service request time Service Request Time Stamp Fraction	provided/not provided
					Identifier of information about the service for which the CDR is created (Service Context Id)	Provided/Not provided
					Session ID	provided/not provided
					IMS billing identifier (IMS Billing Identifier)	provided/not provided
					Interoperating network identifiers (Inter Operator Identifiers): Originating network identifier (Originating IOI); Terminating network identifiers (Terminating IOI)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.53					Indication of incomplete CDR (Incomplete CDR Indication)	Provided/Not provided
					S-CSCF information (S-CSCF Information)	provided/not provided
					Information about temporary number for routing (Number Portability routing information)	provided/not provided
					Carrier Select routing information	provided/not provided
					Access network information (Access Network Information)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.53					SIP response code (Session Return Code)	provided/not provided
					Reuse of account information (Retransmission)	provided/not provided
					Record sequence number identifying the session (Record Sequence Number)	provided/not provided
					Local Record Sequence Number	provided/not provided
					Session Priority	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.53					Reason for closing CDR (Cause For Record Closing)	provided/not provided
					Record Extensions	Provided/Not provided
					Role of ICF in servicing outgoing/destination sessions (Role of Node)	provided/not provided
					Event corresponding to the SIP message (Event)	provided/not provided
					SIP message for which an account is created (SIP Method)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Scope of definition
1.53					List of non-prohibited substances when registering SIP URIs and/or TEL URIs (List of Associated URIs)	provided/not provided
					SIP information validity period (Expires Information)	provided/not provided
					Record type (Record Type)	provided/not provided
1.54.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 6. Methodology for verifying compliance with the requirements for the parameters of the data accounting system for calculating fees (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	RgSh	provided/not provided
					SDP Session Description Protocol	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.54	11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Creation of CCF (CDF) IMS accounts S-CSCF; fields; Other research (testing); methods of other research (testing) without specification				Called Party Address (Called Party Address)	provided/not provided
					Requested Party Address	Provided/Not provided
					Address of the node providing information for CDR (Node Address)	provided/not provided
					Address(es) of the calling party, service (List Of Calling Party Address)	provided/not provided
					Media information attributes (SDP Media Description)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.54					Service completion time (Service Delivery End Time Stamp)	provided/not provided
					Service delivery end time stamp fraction	Provided/Not provided
					CCF/CDF record closure time (Record Closure Time)	provided/not provided
					SIP request time (SIP Request Timestamp)	provided/not provided
					SIP request time, fraction in milliseconds (SIP Request Timestamp Fraction)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.54					Service request time Service Request Time Stamp	provided/not provided
					Service request time, fraction in milliseconds (Service Request Time Stamp Fraction)	Provided/Not provided
					SIP response time (SIP Response Timestamp)	provided/not provided
					SIP response time, fraction in milliseconds (SIP Response Timestamp Fraction)	provided/not provided
					CCF/CDF record opening time	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.54					Confirmation time or service refusal time (Service Delivery Start Time Stamp)	Provided/Not provided
					Service Delivery Start Time Stamp Fraction	provided/not provided
					SDP Answer Timestamp	provided/not provided
					SDP Offer Timestamp	provided/not provided
					Application servers involved	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.54					Identifier for billing, depending on the access network (Access Correlation ID)	provided/not provided
					Identifier for information about the service for which the CDR is created (Service Context ID)	provided/not provided
					Identifier for service in IMS (IMS Communication Service ID)	provided/not provided
					Session identifier (Session ID)	provided/not provided
					IMS charging identifier (IMS Charging Identifier)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.54					Identifiers of interacting networks (List Inter Operator Identifiers): Originating network identifier (Originating IOI); Destination network identifiers (Terminating IOI)	provided/not provided
					Incomplete CDR Indication	Provided/Not provided
					Number Portability routing information	provided/not provided
					Carrier Select routing information	provided/not provided
					Application servers information	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.54					Information about the access network (Access Network Information)	Provided/Not provided
					Real-time tariff information (Real Time Tariff Information)	provided/not provided
					SIP response code (Service Reason Return Code)	Provided/Not provided
					List of Asserted Identities for Called Subscriber (List of Called Asserted Identity)	provided/not provided
					Content Disposition	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.54					Parameters Media information (SDP Media Components)	provided/not provided
					Reuse of account information (Retransmission)	Provided/Not provided
					Record sequence number identifying the session (Record Sequence Number)	provided/not provided
					Local record sequence number	provided/not provided
					Session Priority	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.54					Reason for closing CDR (Cause For Record Closing)	provided/not provided
					Message body size (Content-Length)	Provided/Not provided
					Record Extensions	provided/not provided
					Role of IBCF in session service outgoing/destination (Role of Node)	provided/not provided
					Event corresponding to the SIP message (Event)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Scope definition
1.54					SIP message for which an account record is created, (SIP Method)	Provided/Not provided
					List of PuUI of the serviced polyovator (List of Subscription Id)	provided/not provided
					List of SDP parameters (List of SDP Media Components)	provided/not provided
					List of called application addresses (Application Provided Called Parties)	provided/not provided
					List of information to be transmitted in SIP message bodies (List of Message Bodies)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.54					List of initial SDPs parameters (List of Early SDP Media Components)	provided/not provided
					List of SIP URIs and/or TEL URIs not prohibited during registration (List of Associated URIs)	provided/not provided
					SIP information expiration date (Expires Information)	provided/not provided
					Data type for transmission (Content-Type)	provided/not provided
					Record type (Record Type)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.54.					Type of transmitted information (SDP Media Name)	provided/not provided
					Indicates information for sending (Originator)	provided/not provided
					Indicates SDP offer or response (SDP Tour)	provided/not provided
					Media Initiator Flag	provided/not provided
					Media Initiator flag	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.54					Online Charging Flag	Provided/Not provided
1.55	Software and methodology confirmation tests type compliance, approved by the SPbGUT Information Center 10.01.2017. Appendix 6. Methodology for verifying compliance with requirements for accounting system parameters data for billing (billing orders Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated	Equipment communication ; Communication tools, performing the function switching systems;	26.30;26.30.11.110	8517	SDP session description (SDP Session Description)	provided/not provided
					Called address (Called Party Address)	met/not met
					Address of the requesting party (Public User ID or Public Service ID)	provided/not provided
					Address of the node providing information for CDR (Node Address)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	kodeokp 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.55.	21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Creation of CCF (CDF) IMS accounts MRFC; fields; Other studies (tests); methods of other studies (tests) without specification				Address(es) of the calling subscriber, service (List Of Calling Party Address)	provided/not provided
					Attributes of transmitted information (SDP Media Description)	Provided/Not provided
					Service delivery end time stamp	provided/not provided
					Service completion time, fraction in milliseconds (Service Delivery End Time Stamp Fraction)	provided/not provided
					CCF/CDF record closure time (Record Closure Time)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (Indicator)	Detection range
1.55					SIP request time (SIP Request Timestamp)	provided/not provided
					SIP request time, fraction in milliseconds (SIP Request Timestamp Fraction)	Provided/Not provided
					Service request time stamp	provided/not provided
					Service request time, fraction in milliseconds (Service Request Time Stamp Fraction)	provided/not provided
					SIP Response Timestamp	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.55.					SIP response time, fraction in milliseconds (SIP Response Timestamp Fraction)	provided/not provided
					CCF/CDF record opening time (Record Opening Time)	provided/not provided
					Service confirmation or rejection time (Service Delivery Start Time Stamp)	provided/not provided
					Service delivery start time stamp fraction in milliseconds	provided/not provided
					SDP Answer Timestamp	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.55					SDP creation time (SDP Offer Timestamp)	provided/not provided
					Access Correlation ID	provided/not provided
					Service context identifier for which CDR is created (Service Context ID)	provided/not provided
					Call ID session identifier (Session ID)	provided/not provided
					IMS Charging Identifier	provided/not provided

N No.	Documents establishing rules and methods for research **(testing) and measurements**	**Name of object**	**code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Identification range**
1.55					Service identifier (Service ID)	provided/not provided
					Called Asserted Identity Identifier(s) (List of Called Asserted Identity)	Provided/Not provided
					User identifier(s) (List of Subscription ID) Includes PuUI of the serviced user	provided/not provided
					Inter Operator Identifiers: Originating IOI; Terminating IOI	provided/not provided
					Incomplete CDR Indication	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.55					Information about the type of network (Access Network Information)	provided/not provided
					Application Servers Information contains a list of participating ASs and the address of the called party	provided/not provided
					SIP response code (Service Reason Return Code)	provided/not provided
					Session Description Protocol (SDP)	provided/not provided
					Media information parameters (SDP Media Components)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	**Name of object**	**code**	**EAEU HS code**	**Defined characteristic (indicator)**	**Determination range**
1.55.					Reuse of accounting information (Retransmission)	provided/not provided
					Record sequence number identifying the session (Record Sequence Number)	Provided/Not provided
					Local record sequence number	provided/not provided
					Session priority	provided/not provided
					Cause for record closing	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.55					Record extension (Record Extensions)	provided/not provided
					Event corresponding to the SIP message (Event)	provided/not provided
					SIP message for which an account is created (SIP Metlюd)	provided/not provided
					List of SDP parameters (List of SDP Media Components)	provided/not provided
					List of Early SDP Media Components	provided/not provided

N No.	Documents establishing rules and methods for research **(testing) and measurement**	**Name of object**	**code**	**EAEU HS code**	**Defined characteristic (indicator)**	**Determination range**
1.55					Validity period of information SIP (Expires Information)	Provided/Not provided
					Record type (Record Type)	provided/not provided
					Type of information transmitted (SDP Media Name)	provided/not provided
					Indicates SDP offer or response (SDP Tour)	provided/not provided
					Media Initiator Flag	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.55					Online Charging Flag	Provided/Not provided
1.56	Software and methodology confirmation tests type compliance, approved by the SPbGUT IC 10.01.2017. Appendix 6. Methodology for verifying compliance with requirements for accounting system parameters data for billing (billing orders Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.110	8517	SDP session description (SDP Session Description)	provided/not provided
					Called address (Called Party Address)	met/not met
					Requested Party Address	provided/not provided
					Address of the node providing information for CDR (Node Address)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	kodeokp 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.56.	21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Creation of CCF (CDF) IMS TF accounts; fields; Other studies (tests); methods of other studies (tests) without specification				Address(es) of the calling Subscriber, service (List Of Calling Party Address)	provided/not provided
					Attributes of transmitted information (SDP Media Description)	Provided/Not provided
					Service delivery end time stamp	provided/not provided
					Service completion time, fraction in milliseconds (Service Delivery End Time Stamp Fraction)	provided/not provided
					CCF/CDF record closure time (Record Closure Time)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Detection range
1.56					SIP request time (SIP Request Timestamp)	provided/not provided
					SIP request time, fraction in milliseconds (SIP Request Timestamp Fraction)	Provided/Not provided
					Service request time stamp	provided/not provided
					Service request time, fraction in milliseconds (Service Request Time Stamp Fraction)	provided/not provided
					SIP Response Timestamp	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.56					SIP response time, fraction in milliseconds (SIP Response Timestamp Fraction)	provided/not provided
					CCF/CDF record opening time (Record Opening Time)	provided/not provided
					Service confirmation or rejection time (Service Delivery Start Time Stamp)	provided/not provided
					Service delivery start time stamp fraction in milliseconds	provided/not provided
					SDP Answer Timestamp	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.56					SDP creation time (SDP Offer Timestamp)	provided/not provided
					Application Servers Involved	Provided/Not provided
					Private User Identity	provided/not provided
					Service Context Id	Provided/Not provided
					Subscriber Equipment Number	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.56					Session identifier Call 1D (Session ID)	provided/not provided
					IMS Charging Identifier	Provided/Not provided
					IMS Communication Service ID	provided/not provided
					Inter Operator Identifiers: Originating IOI; Terminating IOI	provided/not provided
					Incomplete CDR Indication	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.56					Information from the header From SIP protocol (From Address)	provided/not provided
					Information from the transmitted SIP protocol Route header	Provided/Not provided
					Information from the received SIP protocol Route header	provided/not provided
					Application Servers Information	provided/not provided
					NNI Information	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.56					SIP response code (Session Return Code)	provided/not provided
					List of Asserted Identities for the Called Subscriber (List ofCalled Asserted Identity)	Provided/Not provided
					Content Disposition	provided/not provided
					Session Description Protocol (SDP)	provided/not provided
					Media information parameters (SDP Media Components)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.56					Reuse of accounting information (Retransmission)	provided/not provided
					Record sequence number identifying the session (Record Sequence Number)	Provided/Not provided
					Local record sequence number	provided/not provided
					Session priority	provided/not provided
					Cause for record closing	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.56					Message body size (Content-Length)	provided/not provided
					Record Extensions	Provided/Not provided
					Role of TF in session service outgoing/destination (Role of Node)	provided/not provided
					Event corresponding to the SIP message (Event)	provided/not provided
					SIP message for which an account is created (SIP Method)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.56					List of SDP parameters (List of SDP Media Components)	provided/not provided
					List of addresses of called applications (Application Provided Called Parties)	provided/not provided
					List of SIP protocol Reason headers (List Of Reason Header)	provided/not provided
					List of information to be transmitted in SIP message bodies (List of Message Bodies)	provided/not provided
					List of Early SDP Media Components	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.56.					List of public user identifiers (List of Subscription IDs)	provided/not provided
					Transit IOI List	Provided/Not provided
					SIP information expiration date (Expires Information)	provided/not provided
					Content type	provided/not provided
					Record type (Record Type)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.56					Interface type Inter-network interaction (NNI Ture)	provided/not provided
					Type of information transmitted (SDP Media Name)	Provided/Not provided
					Specifies information for sending (Originator)	provided/not provided
					Indicates SDP offer or answer (SDP Tour)	provided/not provided
					Unique identifier of the device of the served user (Instance Id)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.56					Media Initiator Flag	Provided/Not provided
1.57	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 7. Methodology for checking compliance with network interface parameters telephone communication use (orders Ministry of Communications of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated	Equipment Communication Terminal equipment (user) telephone or telegraph of communication, video communication equipment Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	space for placement service information in composition of each STM and US: Title	provided/not provided
					transmission speed of synchronous transport modules STM (STM-0: 51840 kbit/s; STM-1: 155520 kbit/s; STM-4: 622080 kbit/s; STM-16: 2488320 kbit/s; STM-64: 9953280 kbit/s; STM-256: 39813120 kbit/s)	provided/not provided
					OTM and ODU transport modules	provided/not provided
					format of virtual containers of the OS and their chains	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.57.	23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, from 27.02.2007 No. 23, from 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Parameters of synchronous transport STM modules, characteristics of virtual containers of the US and their chains; Other research (testing); methods of other research (testing) without specification				electrical or fiber optic communication lines, as well as transmission paths formed in various systems data transfer as transmission medium	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.57						
1.58	Program and methodology Confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 7. Methodology for testing compliance with requirements for network interface parameters telephone communication use (orders Ministry of Communications of Russia from 16.05.2006 No. 59, from 06.02.2008 No. 15, from 27.08.2007 No. 101, from 19.04.2007 No. 48, dated 31 May 2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication equipment; Communication means, performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	input/output jitter	from 0.**1** to 40.0 (EI)
					use as fiber optic transmission media optical communication lines, and also optical routes transmission, formed in various systems data transmission: satellite, radio relay and other	ensured/not ensured
					logical structure of digital streams	provided/not provided
					nominal wavelength (1310 nm; 1550 nm)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.58.	23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Parameters of the optical interface of the synchronous digital hierarchy (SDH); Other research (testing); methods of other research (testing) without specification				nominal wavelengths	provided/not provided
					Field in each STM and US for placing service information - header	provided/not provided
					Transmission media	provided/not provided
					Optical radiation power level at the transmitter output	from minus 50 to 8 (dBm)
					Receiver overload level	from minus 50 to 8 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.58.					Formation, transmission, and Reception of SDH information structures: STM synchronous transport modules and the virtual containers they contain, as well as their chains	provided/not provided
					Characteristics of STM synchronous transport modules (speed): STM-N, sSTM- 2n, sSTM-lk	Provided/Not provided -
					characteristics of virtual US containers and their chains: US-12; US-2; US-3; US-4	provided/not provided
					Sensitivity of optical receivers (minimum power level at reception at which the error rate does not exceed Kosh) does not exceed Kosh)	from minus 50 to 8 (dBm)
1.59.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 7. Verification methodology	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment	26.30;26.30.2;26.30;26.30.11.110	8517	optical radiation wavelengths transparency window transparency: 850 nm (820 - 880 nm); 1310 nm (1260-1360 nm); 1550 nm (1480-1580 nm))	provided/not provided (for

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.59.	compliance with requirements for public telephone network interface parameters (Orders of the Ministry of Communications and Mass Media of Russia No. 59 dated May 16, 2006, No. February 6, 2008, No. 15, August 27, 2007, No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated	Communication equipment; Communication devices performing the function of switching systems;				
					Logical structure of digital streams	provided/not provided
					maximum line attenuation for the 850 nm range (for paths: 2 Mbit/s (no more than 51 dB); 8 Mbit/s (no more than 47 dB); 34 Mbit/s (no more than 41 dB); for 140 Mbit/s paths (no more than 35 dB))	from minus 20 to 60 (dB)
					maximum line attenuation for the 1310/1550 nm ranges (for paths: 2 Mbit/s (no more than 46 dB); 8 Mbit/s (no more than 40 dB); 34 Mbit/s (no more than 35 dB); 140 Mbit/s (no more than 28 dB))	from minus 20 to 60 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.59.	14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. 1 0.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. l, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Parameters of the optical interface of the plesiochronous digital hierarchy (PCI, PDH); Other research (testing); methods of other research (testing) without specification				power level optical radiation at the transmitter output (no more than O dBm)	from minus 50 to 8 (dBm)
					receiver overload level (not less than minus 8 dBm)	from minus 50 to 8 (dBm)
					optical receiver sensitivity (minimum power level at reception at which the error rate does not exceed Kosh)	from minus 50 to 8 (dBm)
1.60.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 7. Methodology for verifying compliance with the requirements for the parameters of public telephone network interfaces (orders of the Ministry of Communications of Russia dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of	26.30;26.30.2;26.30;26 .30.11.110	8517	input of the phase jitter of the SSI signals at the STM-0 interface	from 0.1 to 40.0 (EI)
					input phase jitter values of SCI signals on the STM-1 interface	from 0.1 to 40.0 (EI)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of the object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.60	16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 15 l, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Switching systems;			Attenuation values at the input and output in the frequency range from 8 to 240 MHz: not less than 15 dB	from minus 20 to 60 (dB)
					Linear transmission code CMI	provided/not provided
					Nominal load impedance: 75 ohms (coaxial cable)	from 3 to 3000 (ohms)
					amplitude of phase jitter of SCI signals at the output of the STM-1 interface (no more than 0.5 EI at frequencies from 500 Hz to 1.3 MHz; no more than 0.1 EI at frequencies from 65 kHz to 1.3 MHz)	from 0.1 to 40.0 (EI)
					transmission speeds (155520±3.111 kbit/s for STM-1; 51840±1.037 kbit/s for STM-0)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.60.	12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Parameters of the STM-l and STM-0 electrical interface of the synchronous digital hierarchy (SDH); Other research (testing); methods of other research (testing) without specifying				the pulse shape at output ports (V) (voltage: 1.0±0.**1** V)	from 0.1 to 100.0
1.61.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 7. Methodology for verifying compliance with the requirements for public telephone network interface parameters (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008, No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007 No. 58, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	acceptable attenuation of the connecting line at a frequency of 1024 kHz (up to 6 dB)	provided/not provided
					Permissible jitter values at input/output	from O, **1** to 40.0 (EI)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.61.	03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated				attenuation	
					Input circuit mismatch relative to nominal resistance of 120 ohms (12 dB at frequencies from 51 to 102 kHz; 18 dB at frequencies from 102 to 2048 kHz; 14 dB at frequencies from 2048 to 3072 kHz)	from minus 20 to 60 (dB)
					code: HDB-3	provided/not provided
					output circuit mismatch relative to nominal impedance 120 Ω (6 dB at frequencies from 51 to 102 kHz; 8 dB at frequencies from 102 to 3078 kHz)	from minus 20 to 60 (dB)
					Nominal input/output impedance (coaxial cable: 75 ohms; balanced pair: 120 ohms)	from 3 to 3000 (ohms)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.61.	27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Parameters of the electrical interface of the plesiochronous digital hierarchy (PCI, PDN) with a transmission speed of 2048 kbit/s; Other research (testing); methods of other research (testing) without specification				Nominal voltage pulse during transmission (coaxial cable: 2.37 V; balanced pair: 3B)	from 0.**1** to 100.0 (V)
					signal noise immunity at the input ports when a test signal and noise with similar parameters and a level **18** dB lower than the nominal signal (pseudorandom sequence with a period of 2"15-1 bits), through an artificial line with attenuation corresponding to the maximum attenuation of the connecting cable (6 dB at a frequency of 1024 kHz); absence of errors	is ensured/not ensured
					pulse shape compliance with the template (mask)	ensured/not ensured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.61					Total transfer rate Transmission: 2048 kbit/s	provided/not provided
					Resistance to overvoltages in input and output circuits (500 V)	provided/not provided to
1.62.	The program and methodology for type conformity testing were approved by the IC SPbGUT on January 10, 2017. Appendix 7. Methodology for verifying compliance with the requirements for public telephone network interface parameters (orders of the Ministry of Communications and Mass Media of Russia No. 59 dated May 16, 2006, and February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	pulse duration half pulse amplitude level for a transmission rate of 34368 kbit/s (14.55±1.50 ns)	provided/not provided
					pulse duration at half pulse amplitude for a transmission rate of 8448 kbit/s (59±6 ns)	provided/not provided
					Permissible jitter values at input/output 139264 kbit/s	from 0.1 to 40.0 (EI)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.62.	29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. l 0.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. l, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Parameters of the electrical interface of the plesiochronous digital				Permissible values	
					Input/output jitter 34368 kbit/s	from 0.1 to 40.0 (EI)
					Permissible jitter values at input/output 8448 kbit/s	from 0.1 to 40.0 (EI)
					Linear code (for transmission speeds: 8448 kbit/s, 34368 kbit/s: HDB-3; 139264 kbit/s: CMI)	provided/not provided
					output pulse voltage for transmission speeds of 34368 kbit/s, 139264 kbit/s (1.0±0.1V)	provided/not provided
					output pulse voltage for transmission speed 8448 kbit/s (2.37±0.24 V)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic to be determined (Indicator)	Detection range
1.62.	Hierarchy (PCI, PDN) with a transmission speed of 8448 kbit/s, 34368 kbit/s, 139264 kbit/s; Other studies (tests); methods of other studies (tests) without specification				Nominal Load resistance: 75 Ohm (coaxial cable)	from 3 to 3000 (ohms)
					ratio of positive and negative pulse amplitudes in the middle of the clock interval (from 0.95 to **1**.05)	provided/not provided
					ratio of positive and negative polarity pulse durations at half the nominal amplitude level (from 0.95 to 1.05)	provided/not provided
					signal noise immunity at input ports	provided/not provided
					digital signal transmission speeds (8448.000±0.253 kbit/s; 34 \368,000±0.688 kbit/s; 139264,000±2.089 kbit/s)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.62					Resistance to overvoltage in input and output circuits (500 V);	Ensured/not ensured to
					pulse shape	provided/not provided
1.63.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 7. Methodology for verifying compliance with the requirements for public telephone network interface parameters (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008, No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	emissions during pause when no output pulse (0.0±0.3 V)	provided/not provided
					pulse duration at half the pulse amplitude (122±12 ns)	provided/not provided
					output pulse voltage of positive or negative polarity (3.0±0.3 V)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.63.	29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. l 0.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. l, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Parameters of the electrical interface of the plesiochronous digital				amplitude ratio Positive and negative polarity pulses in the middle of the clock interval (from 0.95 to 1.05)	provided/not provided
					ratio of the durations of positive and negative polarity pulses at half the nominal amplitude level (from 0.95 to 1.05)	provided/not provided
					digital signal transmission speeds: 1 024.0000±0.0512 kbit/s	provided/not provided
					line type and line code	provided/not provided
					pulse shape	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.63.	Hierarchies (PCI, RDN) with a transmission speed of 1024 kbit/s; Other research (testing); Methods of other research (testing) without specification					
1.64	Program and methodology confirmation tests type conformity, Approved by the Information Center of St. Petersburg State University of Telecommunications 10.01.2017. Appendix 7. Methodology for testing compliance with network interface parameters telephone communication use (commands Ministry of Communications of Russia from 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, from 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Communication equipment Communication equipment; Communication equipment, performing the function switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	duration of a single data pulse in opposite direction interface (15.6±1.6 μs)	from 0.1 to 100.0 (μs)
					duration of a single data pulse in a coaxial interface (3.90±0.39 μs)	from 0.1 to 100.0 (μs)
					the duration of a double pulse (co-directional interface) is (7.80±0.39 μs)	from O, **1** to 100.0 (μs)
					duration of the chronic pulse of the opposite interface (7.8±0.8 μs)	from 0.1 to 100.0 (μs)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.64.	06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Electrical interface parameters with a transmission speed of 64 kbit/s; Other research (testing); methods of other research (testing) without specification				Permissible relative deviation of transmission speed from nominal value	provided/not provided
					Permissible signal-to-noise ratio (20 dB)	from minus 20 to 60 (dB)
					Permissible phase jitter at input/output	from 0.**1** to 40.0 (EI)
					The interface provides transmission in both directions of the following signals (information signal 64 kbit/s; synchronizing signal 64 kbit/s) signal 64 kbit/s; timing signal 8 kbit/s)	provided/not provided
					Nominal transmission speed (64 kbit/s)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.64					Nominal peak value of pulse transmission (l,0 V)	from 0.1 to 100.0 (V)
					Nominal load resistance (120 Ω)	from 3 to 3000 (ohms)
					transmission of information and timing signals in each direction in a common symmetrical circuit in a synchronous interface 64 kbit/s	provided/not provided
					Transmission of information and timing signals over different symmetrical circuits in a counter-directional interface 64 kbit/s	provided/not provided
					transmission medium for the opposite interface (two symmetrical pairs)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.64.					Transmission medium for unidirectional interface (one symmetrical pair)	provided/not provided for a
					Resistance to overvoltage (500 V)	provided/not provided to
1.65.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 7. Methodology for verifying compliance with the requirements for public telephone network interface parameters (orders of the Ministry of Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Maximum phase jitter of synchronization interface output signals: no more than 0.05 EI	from 0.1 to 40.0 (EI)
					nominal output signal frequency: 2048 kHz	provided/not provided
					peak signal voltage values at a load resistance of 120.0±1.2 Ohm (from 1.0 to 1.9 V: 3.0±0.3 V)	from 0.1 to 100.0 (V)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.65	29.04.2008 No. 51, from 16.10.2006 No. 132, from 12.12.2007 No. 147, dated 06.12.2007 No. 144, from 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. 1 0.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. l, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Parameters of the electrical interface synchronization (U) with				output pulse shape tested equipment fits within template (mask)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.65.	transfer rate of 2048 kbit/s; Other studies (tests); methods of other studies (tests) without specification					
1.66.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 7. Methodology for testing compliance with network interface parameters telephone communication general use (orders Ministry of Communications of Russia dated 16.05.2006 No. 59, from 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, from 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, from 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated 06.06.2007 No. 60, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Communication means, performing the function switching systems;	26.30; 26.30.2; 26.30; 26.30.11.110	8517	has protection against atmospheric discharges	provided/not provided
					pulse voltage requirements with with a pulse amplitude of 4 kV, front duration pulse 10 μs and pulse duration 700 μs	provided/not provided
					AC voltage with a root mean square value of 230 V at a frequency of 50 Hz for 15 min	provided/not provided
					an alternating current voltage with a root mean square value of 600 V at a frequency of 50 Hz for **1** s	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.66	27.02.2007 No. 24, from 23.11.2006 No. 151, dated 24.08.2006 No. 112, from 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated October 28, 2008 No. 85), Parameters of electrical interfaces in terms of resistance to exposure to high-voltage voltages; Other research (tests); methods of other research (testing)				resistant **to** impact electrostatic discharges with an amplitude voltage pulse 8 kV	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.66	without specification					
1.67	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 7. Verification method compliance with requirements for network interface parameters telephone communication general use (orders Russian Ministry of Communications 16.05.2006 No. 59, from 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated 06.06.2007 No. 60, dated February 27, 2007, No. 24, from	Equipment communication; Terminal equipment (user) telephone or telegraph communications, video communications equipment Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Possibility of expansion range in both directions with same step 20 nm	provided/not provided
					nominal wavelengths of optical interfaces to WDM systems (determined ratio A= C/F)	provided/not provided
					nominal wavelengths of optical channels of multichannel systems with coarse wavelength division multiplexing (CWDM)	provided/not provided
					nominal frequencies of optical channels of multichannel systems (with interchannel spacing: 12.5 GHz (F12.5=193.1 + n x 0.0125); 25 GHz (F25=193.1 + n x 0.025); 50 GHz (F50=193.1 + n x 0.05); 100 GHz and above	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.67.	23.11.2006 No. 151, from 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated October 28, 2008 No. 85), Interface Parameters of interfaces to equipment of optical systems with spectral division (WDM); Other research (testing); methods of other research (testing) without specification				(F100=193, 1 + n x 0.1))	

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.68	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 7. Methodology for testing fulfillment of requirements for network interface parameters telephone communication of general use (orders Ministry of Communications and Mass Media of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03. 10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated	Equipment Communication Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication equipment; Communication means, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	internal elements power supplies ensuring when external power is disconnected power supply uninterrupted provision of services telephone communication within at least 2 hours	provided/not provided
					possibility of connecting an uninterruptible power supply device for subscriber equipment of passive fiber optic networks (ONT/ONU)	provided/not provided
					bidirectional transmission using wavelength division multiplexing (WDM) over a single single-mode optical fiber	provided/not provided
					ONT/ONU identifier (ONU-ID)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.68.	05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Parameters of passive fiber optic network interfaces G-PON; Other research (testing); methods of other research (testing) without specification				downstream frame; Upstream flow frame	provided/not provided
					Classes of fiber optic distribution networks (Class A: attenuation range from 5 to 20 dB; Class B: attenuation range from 10 to 25 dB; class C: attenuation range from 15 to 30 dB; class B+: attenuation range from 13 to 28 dB (for a nominal linear speed of 2488.32 Mbit/s/ 1244.16 Mbit/s); Class C+: attenuation range from 17 to 32 dB (for a nominal linear speed of 2488.32 Mbit/s/ 1244.16 Mbit/s))	provided/not provided
					code for interfaces to passive fiber optic networks with support for gigabit transmission speeds (physical environment level)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.68.					Nominal linear transmission speed in the downstream/upstream direction (1244.16 Mbit/s/ 155.52 Mbit/s; 1244.16 Mbit/s/ 622.08 Mbit/s; 1244.16 Mbps/ 1244.16 Mbps; 2488.32 Mbit/s/ 155.52 Mbit/s; 2488.32 Mbit/s/ 622.08 Mbit/s; 2488.32 Mbit/s/ 1244.16 Mbit/s; 2488.32 Mbit/s/ 2488.32 Mbit/s)	provided/not provided
					signal transmission organization	provided/not provided
					signal transmission via the optical distribution network (ODN) transmission medium in the upstream and downstream directions	provided/not provided
					GEM protocol	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.68					Working length range waves (for downward transmission direction (1480 - 1500 nm); for upstream transmission (1260 - 1360 nm); for transmission of additional service data (1530-1625 nm); for transmission of video data (1550-1560 nm))	provided/not provided
					Fiber type; interface codes	provided/not provided
					OMCI message types	provided/not provided
1.69	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 7. Methodology for verifying compliance with the requirements for public telephone network interface parameters (orders	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices,	26.30;26.30.2;26.30;26.30.11.110	8517	network class: A, B, C	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.69	Ministry of Communications and Mass Media of Russia dated May 16, 2006 No. 59, dated February 6, 2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated	performing the function of switching systems;			code: scrambling without return to zero (NRZ)	provided/not provided
					Linear speed (1244.16 Mbit/s)	provided/not provided
					maximum reflection coefficient, measured at the receiver wavelength (less than minus 20 dB)	from minus 20 to 60 (dB)
					minimum overload (minus 4 dBm)	from minus 50 to 8 (dBm)
					minimum sensitivity	from minus 50 to 8 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.69	21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Downlink interface with a speed of 1244 Mbit/s on the receiver side of the ONT/ONU block; Other research (testing); methods of other research (testing) without specification				operating wavelength (1480 nm)	provided/not provided 1500
					fiber type: single-mode (SMF)	provided/not provided
1.70.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 7. Methodology for verifying compliance with the requirements for public telephone network interface parameters (orders of the Ministry of Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, from	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Network class: A, B, C	provided/not provided
					code: non-return-to-zero (NRZ) scrambling	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.70.	31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated				linear velocity (2488.32 Mbit/s)	provided/not provided
					Maximum reflection coefficient, measured at the receiver wavelength (less than minus 20 dB)	from minus 20 to 60 (dB)
					Minimum overload	from minus 50 to 8 (dBm)
					minimum sensitivity	from minus 50 to 8 (dBm)
					Operating wavelength (1480-1500 nm)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.70	30.11.2015 No. 484, from 27.01.2009 No. 11, from 14.09.2010 No. 124, dated 28.10.2008 No. 85), Interface downlink transmission interface with a Mbit/s on the receiver side of the ONT/ONU block; Other research (tests); methods of other research (testing) without clarification				Fiber type: single-mode (SMF)	provided/not provided
1.71.	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 7. Methodology for testing compliance with requirements for network interface parameters telephone communication use (commands Ministry of Communications of 16.05.2006 No. 59, from 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video Communication equipment Communication equipment; Communication equipment, performing the function switching systems;	26.30;26.3O.2;26.30;26.30.11.110	8517	Network class: A, B, C	provided/not provided
					code: scrambling without return to zero (NRZ)	provided/not provided
					linear speed (155.52 Mbit/s)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.71.	12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16. l0.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Upstream interface				maximum average Excited power	from minus 50 to 8 (dBm)
					maximum reflection coefficient, measured at the transmitter wavelength (less than minus 6 dB)	from minus 20 to 60 (dB)
					minimum average excitable power	from minus 50 to 8 (dBm)
					operating wavelength (1260 1360 nm)	provided/not provided
					fiber type: single-mode (SMF)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.71.	Transmission at a speed of 155 Mbit/s on the transmitter side of the ONT/ONU block; Other research (testing); Methods of other research (testing) without specification					
1.72	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 7. Methodology for verifying compliance with the requirements for public telephone network interface parameters (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16. 10.2006 No. 132, dated 12.12.2007 No. 147, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Network class: A, B, C	provided/not provided
					code: non-return-to-zero (NRZ) scrambling	provided/not provided
					Linear speed (622.08 Mbit/s)	provided/not provided
					maximum average excitable power	from minus 50 to 8 (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.72.	06.12.2007 No. 144, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated November 23, 2006, No. 151, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Upstream interface with a speed of 622 Mbit/s on the transmitter side of the ONT/ONU block; Other				maximum Reflection coefficient measured at the transmitter wavelength (less than minus 6 dB)	from minus 20 to 60 (dB)
					minimum average excitable power	from minus 50 to 8 (dBm)
					Operating wavelength (1260–1360 nm)	provided/not provided
					fiber type: single-mode (SMF)	provided/not provided

N Item	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.72.	research (testing); other research (testing) methods without specification					
1.73.	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 7. Methodology for testing compliance with requirements for network interface parameters telephone communication use (commands Ministry of Communications of 16.05.2006 No. 59, from 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video Communication equipment communication equipment; Communication equipment, performing the function switching systems;	26.30; 26.30.2; 26.30; .30.11.110	8517	Network class: A, B, C	provided/not provided
					code: scrambling without return to zero (NRZ)	provided/not provided
					linear speed (1244.16 Mbit/s)	provided/not provided
					maximum average excitable power	from minus 50 to 8 (dBm)

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.73.	23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Upstream interface with a speed of 1244.16 Mbit/s on the transmitter side of the ONT/ONU block; Other research (testing); methods of other research (testing) without specification				maximum Reflection coefficient measured at the transmitter wavelength (less than minus 6 dB)	from minus 20 to 60 (dB)
					minimum average excitable power	from minus 50 to 8 (dBm)
					Operating wavelength (1260-1360 nm)	provided/not provided
					fiber type: single-mode (SMF)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.73						
1.74	Program and methodology confirmation tests type compliance, Approved by the SPbGUT IC 10.01.2017. Appendix 7. Methodology for testing compliance with requirements for network interface parameters telephone communication use (orders Ministry of Communications of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, from 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Communication equipment communication equipment; Communication equipment, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	code: scrambling without return to zero (NRZ)	provided/not provided
					Line speed (1244.16 Mbit/s)	provided/not provided
					working wavelength (1260-1360 nm)	provided/not provided
					Fiber type: single-mode (SMF)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.74.	23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Interface of the upstream transmission interface with a speed of 2488.32 Mbps on the transmitter of the ONT/ONU; Other research (tests); methods of other research (testing) without specification					

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.74						
1.75	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 7. Verification methodology compliance with requirements for parameters of public telephone network interfaces use (commands Ministry of Communications of 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 03.10.2006 No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communications, video Communication equipment; Communication equipment, performing the function switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	Network class B+	provided/not provided
					code: non-return-to-zero (NRZ) scrambling	provided/not provided
					linear transmission speed (1244.16 Mbit/s)	provided/not provided
					Linear speed on reception (2488.32 Mbit/s)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.75.	23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Interface for downstream transmission at a speed of 2488.32 Mbit/s and upstream transmission at a speed of 1244.16 Mbit/s on the ONT/ONU side (class B+); Other studies				maximum average Excited power (+5 dBm)	from minus 50 to 8 (dBm)
					minimum overload (minus 8 dBm)	from minus 50 to 8 (dBm)
					minimum average excitable power (+0.5 dBm)	from minus 50 to 8 (dBm)
					minimum sensitivity (minus 27 dBm)	from minus 50 to 8 (dBm)
					Operating wavelength for transmission (1260-1360 nm)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.75.	(tests); methods of other studies (tests) without specification				working wavelength at reception (1480 - 1500 nm)	provided/not provided
					Fiber type: single-mode (SMF)	provided/not provided
1.76.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 7. Methodology for verifying compliance with the requirements for public telephone network interface parameters (orders of the Ministry of Communications of Russia dated May 16, 2006 No. 59, dated February 6, 2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated October 3, 2006, No. 128, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	network class C+	provided/not provided
					code: non-return-to-zero (NRZ) scrambling	provided/not provided
					Linear transmission speed (1244.16 Mbit/s)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.76.	29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 12.12.2007 No. 147, dated 06.12.2007 No. 144, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 22.03.2007 No. 39, dated 27.02.2007 No. 23, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. l 0.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. l, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Interface for downstream transmission with				linear speed at Reception (2488.32 Mbit/s)	provided/not provided
					Maximum average excitable power (+5 dBm)	from minus 50 to 8 (dBm)
					Minimum overload (minus 8 dBm)	from minus 50 to 8 (dBm)
					minimum average excitable power (+0.5 dBm)	from minus 50 to 8 (dBm)
					minimum sensitivity (minus 30 dBm)	from minus 50 to 8 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (Indicator)	Detection range
1.76	speed of 2488.32 Mbit/s and upstream transmission speed of 1244.16 Mbit/s on the ONT/ONU side (class C+); Other studies (tests); methods of other studies (tests) without specification				Operating wavelength at Transmission (1290 - 1330 nm)	provided/not provided
					Operating wavelength at reception (1480 - 1500 nm)	provided/not provided
					Fiber type: single-mode (SMF)	provided/not provided
1.77.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 8. Methodology for verifying compliance with network synchronization parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	signal swing value synchronization (on a symmetrical pair (no more than 1.9 V); on a coaxial cable (no more than 1.5 V))	from 0.1 to 100.0 (V)
					Time interval deviation (TID)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.77.	11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 16.10.2006 No. 132, dated 06.06.2007 No. 60, dated 27.02.2007 No. 24, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 07.12.2006 No. 161, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85); Other research (testing);				input/output jitter of the output signal	from 0.**1** to 40.0 (EI)
					acceptable limits of input signal phase drift	provided/not provided
					Reflection attenuation at 2048 kHz (not less than 15 dB)	from minus 20 to 60 (dB)
					Permissible relative input and output synchronization bandwidth values (for SDH; for PDH)	provided/not provided
					number and types of synchronization inputs	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.77.	methods of other research (testing) without specification				maximum error of time interval (MOVI)	provided/not provided
					Availability of redundancy and ability to switch to backup; parameters for switching to backup	provided/not provided
					Nominal frequency at the input and output of the synchronization interface (2.048 MHz and/or Mbit/s)	provided/not provided
					Nominal input and output impedance of the synchronization interface (balanced pair (120 Ω); coaxial cable (75 Ω))	3 to 3000 (ohms)
					No errors	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Detection range
1.77.						provided/not provided
					No deterioration of synchronization quality when a synchronization signal is applied to the input port via a connector pair with attenuation from 0 to 6 dB at a frequency of 1024 kHz	
					Transfer characteristic during switching from one input reference synchronization signal to another	Ensured/Not ensured
					Repetition of synchronization frequency values at the input until the equipment switches to frequency hold mode	provided/not provided
					capture bands	provided/not provided
					output signal phase continuity limits when switching to backup equipment sets due to damage to the main equipment set	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	**Name of object**	**code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Determination range**
1.77					Response to switching of external synchronization inputs	provided/not provided
					Response to transition from one operating mode to any other synchronization mode	Provided/Not provided
					Implementation of the required operating modes and operating parameters in the synchronization units (in free oscillation mode; in hold mode, in synchronous operation mode, in entry mode)	provided/not provided
					automated control system and corresponding signaling	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.77					Aging rate	provided/not provided
					Accuracy of setting the nominal value of the output signal frequency in the absence of an external synchronization signal	Ensured/Not ensured
					Resistance to overvoltage (500 V)	provided/not provided
1.78	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	functions of the point OKS No. 7 network signaling	provided/not provided for

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.78	27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Functions of the network signaling point OKS No. 7; Other research (tests); methods of other research (testing) without specification					

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.79	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Verification methodology for compliance with intelligent network system (INAP) parameters interstation signaling of the telephone communication use (orders Ministry of Communications of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	Transaction capability (TCAP)	provided/not provided
					intelligent network (INAP)	ensured/not ensured
					message transmission (MTR)	provided/not provided
					mobile communications (MPC)	provided/not provided
					ISDN user (ISUP-R)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.79	27.06.2011 No. 160, from 30.10.2009 No. 136, from 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Signaling subsystems OKS No. 7; Other research (tests); methods of other research (testing) without specification				connection management signaling (SCCP)	provided/not provided
1.80.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation signaling of the telephone communication general use (orders of the Ministry of Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	Data transmission links (level **1)**	provided/not provided
					network functions (level 3)	provided/not provided
					signaling link functions (level 2)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.80	21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Functions MTR; Other research (testing); methods of other research (testing) without specification					
1.81.	Program and methodology confirmation tests type compliance, Approved by the SPbGUT Information Center 10.01.2017. Appendix 9. Verification methodology	Equipment communication; Communication means, Performing the function switching systems;	26.30;26.30.11.11O	8517	Physical and electrical channel characteristics Communication	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.81.	Compliance with requirements for system parameters interstation alarm systems of the telephone communication use (orders of the Ministry of Information and Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated					

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.81	15.09.2015 No. 346), Level 1 MTR subsystems; Other research (testing); Methods of other research (testing) without specification					
1.82.	Program and methodology confirmation tests type conformity, Approved by the SPbGUT Information Center 10.01.2017. Appendix 9. Verification methodology for compliance with system parameters interstation signaling systems telephone communication use (orders of the Ministry of Information and Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	detection functions and error correction signal transmission signal units link between two adjacent points signaling	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.82.	Ministry of Communications of Russia dated January 27, 2009 No. 12, dated December 14, 2015 No. 542, dated September 2, 2008, No. 36, dated January 27, 2009, No. 10, dated December 14, 2015 No. 541, dated October 21, 2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Level 2 MTR subsystem; Other research (testing); methods of other research (testing) without specification					
1.83.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	signal unit Filling	provided/not provided
					signal unit upper level alarm messages	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.83	16.05.2006 No. 59, from 06.02.2008 No. 15, from 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Three signal unit format at the 2 MTR level; Other research (tests); methods of other research (testing) without specification				status signal unit alarm system	secured/unsecured

N Item	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.84	Program and methodology Confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation network alarm telephone communication for general use (orders Ministry of Communications and Mass Media of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	BIB: Backward Indicator Bit (backward indicator bit transmission direction)	provided/not provided
					BSN: Backward Sequence Number (expected sequence number signal unit in reverse direction)	provided/not provided
					SK: Check bits	provided/not provided
					FIB: Forward Indicator Bit	provided/not provided
					FSN: Forward Sequence Number (sequence number of the signal unit in the forward direction)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODKOPD 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.84.	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), MTR subsystem. Signal unit fields; Other research (testing); methods of other research (testing) without specification				Flag	provided/not provided
					LI: Length Indicator (signal unit length indicator)	Provided/Not provided
					SF: Status Field	provided/not provided
					SIF: Signaling Information Field	provided/not provided
					SIO: Service Information Octet	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.84					n: number of octets in the SIF field	provided/not provided
1.85	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Methodology for verifying compliance with requirements for system parameters interstation alarm network telephone communication general use (orders of the Ministry of Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated April 21, 2008, No. 44, from 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.110	8517	signal alignment units	provided/not provided
					error correction in signal units	ensured/not ensured
					monitoring of errors in the signaling link	provided/not provided
					initial phasing	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.85.	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Functions and procedures at level 2 MTR; Other studies (tests); methods of other studies (tests) without specifying				detection of errors in Signal units	ensured/not ensured
					Definition of signal unit boundaries	provided/not provided
					Procedure for disabling the processor in case of inability to transmit alarm messages to higher levels	provided/not provided
					flow control	provided/not provided
					signaling link status control	provided/not provided

N P/P	Documents establishing the rules and methods of research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.86.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation alarm network telephone communication of general use (orders Ministry of Communications of Russia from May 16, 2006, No. 59, from 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Equipment communication; Communication means, Performing the function switching systems;	26.30;26.30.11.11O	8517	TI (40-50 s): link in "out of phase" state	provided/not provided
					T2 (5 - 150 s): timer for the time a link is in in the "out of phase" state	provided/not provided
					TZ (2 s): timer for the link being in the "synchronized" state	provided/not provided
					T4 (7.5 - 9.5 s): timer for the link being in the "out of phase, confirmation" state	provided/not provided
					T5 (80 - 120 ms): timer determining the time interval between the transmission of alarm link status signal units with the status indication **"busy"**	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.86	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Timers at the 2 MTR level; Other research (testing); methods of other research (testing) without specification				T6 (3 - 6 s): time timer the location of the alarm link in the **"busy"**	provided/not provided for
					T7 (0.5 - 2 s): timer waiting for repeated of alarm link status units with **"busy"** status indication	provided/not provided
1.87.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	message processing alarm processing, including message distribution function	provided/not provided
					alarm message processing, including message routing function (based on DPC and SLS)	provided/not provided
					signaling message processing, including message selection function (provides DPC field verification)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.87.	21.04.2008 No. 46, from 12.12.2007 No. 148, from 21.04.2008 No. 45, from 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Functions at the level of 3 MTR, ensuring guaranteed delivery messages from the user subsystem to the outgoing signaling point to the corresponding user subsystem at the destination; Other research (testing); methods of other research (testing) without specification				network management alarm	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.88	Program and methodology confirmation tests type conformity, Approved by IC SPbGUT 10.01.2017. Appendix 9. Verification methodology compliance with system parameters interstation signaling network telephone communication of general use (orders of the Ministry of Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.11O	8517	DPC: incoming point code signaling assignment; indicates the point alarm, to which intended for this alarm message	provided/not provided
					ORS: outgoing alarm point code of destination; indicates the outgoing alarm point of this message	provided/not provided
					SLS: selection of signaling link; generally used for load distribution across signaling links	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.88.	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Label content routing and network indicator (service indicator (SI) for the purposes of message routing not used); Other research (tests); methods of other research (testing) without specification					
1.89.	Program and methodology confirmation tests type conformity, Approved by the IC SPbGUT 10.01.2017. Appendix 9. Methodology for checking fulfillment of requirements for system parameters interstation of the network telephone communication common (alarm commands) Ministry of Communications of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated	Equipment communication; Communication means, Performing the function of switching systems;	26.30;26.30.11.11O	8517	signaling link (including the following procedures: activation, deactivation and restoration of the link signaling; activation link bundle signaling systems; automatic assignment signal terminals and data link signaling)	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.89	27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Alarm network control function. Control function; Other research (testing); methods of other research (testing) without specifying				signaling routes (including the following procedures: controlled transmission; transmission prohibition; transmission permission; signaling route bundle testing; signaling route bundle overload testing)	provided/not provided
					signaling traffic (including the following procedures: failover; return to original signaling link; forced rerouting; controlled rerouting; MTR restart; control prohibition; signaling traffic flow control)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU Foreign Economic Activity Code	Defined characteristic (Indicator)	Definition range
1.90.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation network signaling telephone communication of general use (orders Ministry of Communications and Mass Media of Russia 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	user subsystem ISDN	provided/not provided
					data transmission user subsystem (call and messages related to channel switching)	provided/not provided
					user data transfer subsystem (service registration and cancellation messages)	provided/not provided
					satellite ISDN user subsystem	provided/not provided
					telephony user subsystem	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.90.	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Values of the service octet indicator of service information; Other research (testing); methods of other research (testing) without specification				user subsystem Broadband ISDN	provided/not provided
					Signaling connection management subsystem	Provided/Not provided
					signaling network control and testing messages	provided/not provided
					signaling network control messages	provided/not provided
1.91.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for interstation system parameters	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	"Emergency switchover to reserve (ESO, Emergency changeover-order)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.91.	alarm signals of the public telephone network (orders of the Ministry of Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27 August 2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Level 3 MTR reports; Other studies				"Restoration of work on Initial link" (CBD, Change-back declaration)	ensured/not ensured
					"Link inhibition denied" (LID, Link inhibit denied)	Provided/Not provided
					"Link inhibit" (LIN, Link inhibit)	provided/not provided
					"Transfer prohibited" (TFP, Transfer-prohibited)	enabled/disabled
					"Transfer allowed" (TFA, Transfer-allowed)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.91.	(testing); methods for other research (testing) without specification				"Changeover to backup link" (SOO, Changeover order)	provided/not provided
					"User subsystem unavailable" (UPU, User part unavailable)	provided/not provided
					"Emergency changeover acknowledgment" (ECA)	provided/not provided
					"Changeback acknowledgement" (CBA)	provided/not provided
					"Link inhibition acknowledgement" (LIA)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.91.					"Confirmation of transition to the backup link" (LUA, Link uninhibited acknowledgement)	enabled/disabled
					"Link uninhibited acknowledgement" (LUA)	provided/not provided
					"Link forced uninhibited" (LFU)	provided/not provided
					"Link uninhibited" (LUN)	provided/not provided
					"Traffic restart allowed" (TRA)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.91					"Local testing Link local inhibit test (LLT)	provided/not provided
					"Signaling route set test message" (RSM)	Provided/Not provided
					"Link remote inhibit test" (LRT)	provided/not provided
					Transfer-controlled (TFC)	provided/not provided
1.92.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for interstation system parameters	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	P (500 - 1200 ms): determines the delay for preventing incorrect message sequence when performing the failover procedure	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.92.	alarm of the public telephone network (orders of the Ministry of Communications of Russia dated May 16, 2006 No. 59, dated February 6, 2008 No. 15, 27 August 2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Timers at level 3 MTR; Other studies (tests);				TIO (30 - 60 s): timer Expectation of retransmission of alarm path bundle test message	provided/not provided
					T12 (800 - 1500 ms): timer for waiting for link permission confirmation	provided/not provided
					T13 (800 - 1500 ms): forced link enable timer	provided/not provided
					T14 (2 - 3 s): link disablement confirmation wait timer	provided/not provided
					T15 (2 - 3 s): alarm route test start wait timer during overload	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.92.	methods of other research (testing) without specification				T\6 (1.4-2 s): timer for waiting for a change in the status of the alarm route during overload	provided/not provided
					T17 (800-1500 ms): delay to prevent oscillation in the event of a signaling link failure and link restart	provided/not provided
					T18: timer for monitoring the activation of the link and alarm route during MTR restart	provided/not provided
					T19 (67-69 ms): timer for monitoring during MTR restart to prevent cyclic exchange of TFP, TFR, and TFA messages	provided/not provided
					T2 (700 - 2000 ms): waiting time for confirmation of switchover to backup	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Detection range
1.92					T20 (59 - 61 s): total timer when performing the MTR restart procedure	provided/not provided
					T21 (63 - 65 s): general timer when performing the MTR restart procedure at an adjacent signaling point	provided/not provided
					T22 (3 - 6 min.): timer for testing locally prohibited signaling link	provided/not provided
					T23 (3 - 6 min.): timer for testing remotely prohibited signaling links	provided/not provided
					T24 (500 ms): timer used in the processor shutdown procedure	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.92					TZ (500 - 1200 ms): determines the delay to prevent incorrect message sequence when performing the return to the initial link procedure	provided/not provided
					T4 (500 - 1200 ms): waiting time for confirmation of return to the initial link (first attempt)	provided/not provided
					T5 (500-1200 ms): waiting time for confirmation of return to the initial link (second attempt)	provided/not provided
					Tb (500 - 1200 ms): determines the delay to prevent incorrect message sequencing during controlled rerouting	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.92					T7 (\ - 2 s): waiting time confirmation establishment of alarm link connection	provided/not provided
					T8 (800 - 1200 ms): timer prohibition prohibition transmission	provided/not provided
1.93.	The program and methodology for type conformity testing were approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	performance of procedures establishing, maintaining, and releasing connections, as well as providing basic and additional services	provided/not provided for

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.93.	12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), ISDN user subsystem (ISUP-R) ;Other research (testing); methods of other research (testing) without specification					
1.94.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 9. Methodology for verifying compliance with requirements for	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	"Address complete" (ACM, Address complete message)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.94.	parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Information and Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27 August 2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated September 15, 2015, No. 346),				"Channel bundle blocking" (CGB, Circuit Group Blocking)	provided/not provided
					"Blocking" (BLO)	Provided/Not provided
					"Resumption" (RES, Resume)	provided/not provided
					"Call in progress" (CPG, Call Progress)	provided/not provided
					"Call" (RNG, Ring)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.94.	ISUP-level communications; Other research (testing); Methods of other research (testing) without specification				"Identification request" (IDR, Identification Request)	provided/not provided
					"Information Request" (INR)	Provided/Not provided
					"Continuity Check Request" (CCR)	provided/not provided
					"Facility Request" (FAR)	provided/not provided
					"User-to-user information" (USR)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.94					"Initial Address message" (IAM)	provided/not provided
					"Confusion" (CFN)	provided/not provided
					"Clear calling line" (CCL)	provided/not provided
					"Identification response" (IRS)	provided/not provided
					"Information response" (INF)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (Indicator)	Range of determination
1.94					"Answer" (ANM, Answer Message)	provided/not provided
					"User subsystem available" (UPA, User Part Availability)	provided/not provided
					"Circuit group blocking acknowledgment" (CGBA)	provided/not provided
					"Blocking acknowledgment" (BLA)	provided/not provided
					"Circuit group unlocking acknowledgment" (CGUA)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.94					"Unlocking Acknowledgement" (UBA, Unlocking Acknowledgement)	provided/not provided
					"Circuit Group Reset Acknowledgement" (GRA)	provided/not provided
					"Subsequent Address Message" (SAM)	provided/not provided
					"Loop prevention" (LOP)	provided/not provided
					Application Transport Message (ATM)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.94					"Suspension" (SUS, Suspend)	provided/not provided
					"Connection continuation" (CPG, Cal\ Progress)	provided/not provided
					"Circuit group unlocking" (CGU)	provided/not provided
					"Unlocking" (UBL, Unlocking)	provided/not provided
					"Release complete" (RLC)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.94.					"Disconnection" (REL, Release)	provided/not provided
					"Channel reset" (RSC, Reset Circuit)	provided/not provided
					"Channel group reset" (GRS, circuit Group Reset)	provided/not provided
					"Segmentation" (SGM)	provided/not provided
					"Connection" (CON, Connect)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.94					"User Acceptance Testing " (UPT, User Acceptance Test)	provided/not provided
					"Service rejected" (FRJ, Facility Reject)	provided/not provided
					"Facility Accepted" (FAA)	provided/not provided
					"Facility" (FAC)	provided/not provided
					"Continuity" (COT)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.95	Program and methodology confirmation tests type conformity, Approved by the IC SPbGUT 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation alarm systems of the telephone communication network use (orders of the Ministry of Information and Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Equipment communication; Communication facilities, Performing the function switching systems;	26.30;26.30.11.11O	8517	message transmission ISUP-R subsystem in the field SIF signaling units	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.95	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated No. 47, dated 29.01.2009 No. 16, 12.12.2011 No. 340, dated 15.09.2015 No. 346), of messages of the ISUP-R subsystem; Other (testing); methods of other research (testing) without specification					
1.96.	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation alarm network telephone communication public use (orders of the Ministry of Information and Communications of Russia 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.11О	8517	channel identification code	provided/not provided
					message type code	provided/not provided
					optional part	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.96.	21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), SIF field ISUP-R subsystem message fields; Other studies (tests); methods of other studies (tests) without specification				mandatory variable Part	provided/not provided
					Mandatory fixed part	Provided/Not provided
					routing label	provided/not provided
1.97.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 9.	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	851	Base number when call transfer	provided/not provided for

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU HS code	Defined characteristic (Indicator)	Identification range
1.97	Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (Orders of the Ministry of Information and Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008, No. 15, 27 August 2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated				Range and status	provided/not provided
					Completion of call to busy subscriber	Provided/Not provided
					Correlation identifier	provided/not provided
					Service control function identifier	provided/not provided
					Indicator of the possibility of providing call completion service when there is no answer	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.97	12.12.2011 No. 340, dated 15.09.2015 No. 346), Parameters in ISUP-R messages; Other research (testing); Methods of other research (testing) without specification				Request indicator Identification of malicious calls	provided/not provided
					Main notification indicator	provided/not provided
					Malicious call identification response indicator	provided/not provided
					User indicator user	provided/not provided
					Cycle prevention indicator	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.97					Suspension indicator (resumption)	provided/not provided
					Service indicator	provided/not provided
					Integrity indicator	provided/not provided
					Direct route call indicators	provided/not provided
					Information request indicators	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.97					Processing indicators Information on conference calls	provided/not provided
					Call forwarding information processing indicators	provided/not provided
					Connection provision information processing indicators	provided/not provided
					Callback indicators	provided/not provided
					Reason indicators	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.97					Indicators of the nature Connection	provided/not provided
					Indication of message compatibility	provided/not provided
					Information indicators	provided/not provided
					Information about additional user services when transferring information	provided/not provided
					Information about call forwarding	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.97					Background information Call	Provided/Not provided
					Event information	provided/not provided
					Information about parameter compatibility	provided/not provided
					Message compatibility information	provided/not provided
					Information about user services when transferring information	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.97					Information about communication provision Services	provided/not provided
					Information on call forwarding	provided/not provided
					User information User	provided/not provided
					Access provision information	provided/not provided
					Transmission medium used	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.97					Initial number of the called subscriber	provided/not provided
					Calling subscriber category	Provided/Not provided
					Closed user group code	provided/not provided
					Signaling point code	provided/not provided
					End of optional parameters	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.97					End of optional parameters	provided/not provided
					Optional indicators of reverse direction call	provided/not provided
					Optional forward call indicators	provided/not provided
					Called party number	provided/not provided
					Intelligent network called party number	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.97					Calling number caller	provided/not provided
					Calling party number	Provided/Not provided
					Location number	provided/not provided
					Forwarding number	provided/not provided
					Number when transferring a call	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.97					Number restriction Redirection	provided/not provided
					Main number	provided/not provided
					Displayed information	provided/not provided
					Applied mechanism parameter	provided/not provided
					Redirect number	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.97					Connected number	Provided/Not provided
					Subsequent number	provided/not provided
					Network transition counter	provided/not provided
					Propagation delay counters	provided/not provided
					Message type	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.97					Type of control message channel bundle	Provided/Not provided
					Access transport	provided/not provided
					Transmission environment requirements	provided/not provided
					Transmission environment requirements with the possibility of switching to emergency mode	provided/not provided
					Automatic overload level	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.98	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation alarm network telephone communication general use (orders of the Ministry of Communications of Russia dated May 16, 2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.11О	8517	automatic attempt re-establishment connections	provided/not provided
					blocking and channel unlocking and channel bundles	ensured/not ensured
					overload control	provided/not provided
					processing of unexpected information	provided/not provided
					processing of unrecognized information: unrecognized signal messages and parameters	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.98.	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Procedures at the ISUP level; Other studies (tests); Methods of other studies (tests) without specification				processing of responses indicating the transmission of unrecognized information	provided/not provided
					determination of signal propagation delay	provided/not provided
					counting of network transitions	provided/not provided
					reduction in the level of requested information transmission service	provided/not provided
					Call suspension and resumption	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Definition range
1.98.					provided/not provided	
					Procedures for suspension (resumption) procedures	
					disconnection of connection	ensured/not ensured
					reset of channels and channel bundles	provided/not provided
					basic call control	provided/not provided
					user subsystem readiness control	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.98.					Echo signal control	provided/not provided
					Connection establishment	provided/not provided
1.99.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	selection of voice channel based on analysis of the called subscriber number, required connection type, and required signaling network capabilities received from the previous network node in the IAM message	provided/not provided
					modification, if necessary, of signaling information in the received IAM message ("connection indicator type" and "propagation delay counter")	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.99.	12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Functions when performing procedures for successful ISUP connection establishment; Other studies (tests); methods of other studies (tests) without specification				transfer to the previous Node of the received message ASM or CON or ANM	provided/not provided
					Transmission of CPG message to previous node (if received from adjacent node)	provided/not provided
					transmission of IAM message to selected signaling point	provided/not provided
					integrity check	provided/not provided
					Opening of the voice channel in both directions immediately after transmission of the IAM message	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.99					Segmentation of messages longer than 272 octets	Provided/Not provided
1.100	Program and methodology confirmation tests type conformity, Approved by the IC SPbGUT 10.01.2017. Appendix 9. Signal verification methodology compliance with system parameters interstation of the telephone communication general use (orders Ministry of Communications of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.110	8517	if impossible connection establishment, formation and transmission to an adjacent communication node REL, as well as tonal signals (phrases auto-informer requirements)	provided/not provided
					in the event of receiving a REL message from an adjacent node: immediate initiation of release of the speech path and transmission of an RLC message to the adjacent node; simultaneous transmission of the received REL message to the adjacent node	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.100	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Functions when performing procedures unsuccessful establishment ISUP connection; Other research (tests); methods of other research (testing) without specification					
1.101.	Program and methodology confirmation tests type conformity, Approved by the Information Center of St. Petersburg State University of Telecommunications 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation alarm systems telephone communication network use (orders	Equipment communication; Communication facilities, Performing the function switching systems;	26.30;26.30.11.11O	8517	normal procedures connection release ISUP	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.**1O1.**	Ministry of Communications and Mass Media of Russia 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Procedures for normal release of the compound ISUP; Other studies (tests); methods of other research (testing)					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.101.	without specification					
1.102	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation alarm systems telephone communication general use (orders of the Ministry of Information and Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.110	8517	"initiated user"	provided/not provided
					"network-initiated"	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.102.	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), SUS messages with indicator value suspension; Other research (tests); methods of other research (testing) without specification					
1.103.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation alarm telephone communication public (orders	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	"initiated user"	provided/not provided
					"network-initiated"	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.103	Ministry of Communications and Mass Media of Russia 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), RES messages with the value of the resumption indicator; Other research (tests); methods of other research					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.103.	(tests) without specification					
1.104	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 9. Methodology for verifying compliance with requirements system parameters interstation alarm network of telephone communication use (orders Ministry of Communications of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.110	8517	double session	provided/not provided
					after a failed for performing the procedure integrity checks	ensured/not ensured
					after receiving an unexpected message during call establishment	provided/not provided
					after receiving a BLO message after an address message has been transmitted and before receiving any return message	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.104.	27.01.2009 No. 12, from 14.12.2015 No. 542, from 02.09.2008 No. 36, from 27.01.2009 No. 10, from 14.12.2015 No. 541, dated 21.10.2009 No. 133, from 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Procedures for automatic attempts to ISUP connection in situations; Other research (tests); methods of other research (testing) without specification				after receipt of the message RSC after it was transmitted address message and before receiving any message return direction	provided/not provided
1.105.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 9. Methodology for verifying compliance with requirements for interstation signaling systems telephone connection	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.11O	8517	T1 (15 60 s): timer expectations of receiving RLC messages after REL message transmission	provided/not provided
					TI0 (4 6 s): timer for waiting to receive a digit during interaction	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU HS code	Characteristic to be determined (Indicator)	Detection range
1.105.	use (orders of the Ministry of Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), ISUP timers; Other research (testing); methods of other research (testing) without specification				TI **1** (15 20 s): timer ASM message transmission delay timer	provided/not provided
					Tl2(15 60s): timer for waiting for confirmation of transmitted message BLO	provided/not provided
					T13 (5 15 min.): wait timer for confirmation of the first transmitted BLO message	provided/not provided
					Tl4 (15 60 s): wait timer for confirmation of transmitted UBL message	provided/not provided
					T15 (5 15 min.): wait timer for confirmation of the first transmitted UBL message	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.105.					T\6(15 bos):timer waiting for confirmation of the transmitted RSC message	provided/not provided
					T17(5 15 min.):timer for waiting for confirmation of the first transmitted RSC message	provided/not provided
					T\8(15 sec): confirmation wait timer for transmitted CGB message	provided/not provided
					T19 (5 15 min.): timer waiting for confirmation of the first transmitted CGB message	provided/not provided
					T20 (15 60 s): timer waiting for confirmation of transmitted CGU message	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Characteristic being determined (Indicator)	Detection range
1.105						provided/not provided
					T21 (5 15 min.): timer waiting for confirmation of the first transmitted message CGU	
					T22 (15 ms): timer for waiting for confirmation of the transmitted GRC message	provided/not provided
					T23 (5 min 15 sec): wait timer for confirmation of the first GRC message transmitted	provided/not provided
					T24 (less than 2 s): wait timer for return integrity check tone	provided/not provided
					T25 **(1** 10 s): wait timer for transmission of CCR repeat message	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.105					T26 (1, 3 min.): timer for subsequent message transmission CCR	provided/not provided
					T27 (4 min.): timer for waiting for CCR message reception	provided/not provided
					T29 (300-600 s): overload timer	provided/not provided
					TZ (2 min.): overload timer	provided/not provided
					TZO (5 10 s): overload timer	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.105					TZ (12 15 s): timer for response to transmitted message INR	provided/not provided
					T34 (2. 4 s): segmented message response wait timer	provided/not provided
					T35(15 20s): waiting timer for receiving the last digit (indicating the end of dialing) required for call routing	provided/not provided
					T4 (5 15 min.): timer for waiting for a UPA message after receiving an indication of the unavailability of the remote user subsystem	provided/not provided
					T5 (5 15 min.): timer for waiting for an RLC message after transmission of the first REL message	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.105					T7 (20 30 s): timer waiting for response to the last transmitted SAM message	provided/not provided
					T8 (10 15 s): timer waiting for receipt of SOT message	provided/not provided
1.106.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	performance of procedures, intended for organization in the OKS No. 7 network	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.106.	12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Signaling connection control subsystem (SSSR); Other research (testing); Methods of other research (testing) without specification					
1.107.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 9. Verification methodology	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	use of DPC and Subsystem number (SSN) identifying the SCCP user subsystem within the network node	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.107.	Compliance with requirements for system parameters interstation alarm systems of the telephone communication network use (orders of the Ministry of Information and Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated					

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.107.	15.09.2015 No. 346), Extended addressing capabilities SSSR; Other research (testing); Methods of other research (testing) without specification					
1.108.	Program and methodology testing confirmation type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 9. Methodology for verifying compliance with requirements for system parameters interstation alarm network telephone communication general use (orders Ministry of Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated	Equipment communication; Communication tools, performing the function switching systems;	26.30; 26.30.11.11O	8517	services not oriented for establishing a connection	provided/not provided
					services focused on connection establishment	met/not met

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.108.	05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Provision of services SSSR; Other research (testing); methods of other research (testing) without specification					
1.109.	Program and methodology confirmation testing type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 9. Methodology for verifying compliance with requirements for system parameters interstation network signaling telephone communication of a general	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.11O	8517	O: main class for services, not type-oriented connection	provided/not provided
					1: class for services not oriented towards connection, ensuring delivery messages in the correct	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.109.	use (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Classes SSSR service classes; Other research (testing); methods of other research (testing) without specification				Sequence	
					2: main class of services focused on establishing a connection	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.109						
1.11O.	Program and methodology tests confirmation type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation alarm systems of the telephone communication network use (orders of the Ministry of Information and Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Equipment communication; Communication facilities, performing the function of switching systems;	26.30;26.30.11.110	8517	Establishment of temporary signal connections for services focused on establishing a connection	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.110	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Establishment of temporary signal connections for services focused on establishing connection; Other research (testing); methods of other research (testing) without specification					
1.111.	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation alarm systems	Equipment communication; Communication tools, performing the function switching systems;	26.30;26.30.11.11O	8517	primitives for ensuring SCCP management procedures	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.111.	public telephone service (Orders of the Ministry of Communications of Russia No. 59 of May 16, 2006, No. February 6, 2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), SSSR primitives; Other research (testing); methods of other research				primitives for ensuring Services not focused on establishing a connection	provided/not provided
					Primitives for providing connection-oriented services	Provided/Not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.111.	(tests) without specification					
1.112.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Protocol verification methodology of compliance with system parameters interstation network signaling telephone communication general use (commands Ministry of Communications of Russia dated 16.05.2006 No. 59, from 06.02.2008 No. 15, from 27.08.2007 No. 101, from 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Equipment communication; Communication means, performing the function of switching systems;	26.30;26.30.11.110	8517	Establishment function connection (type conformity signal connection; establishing optimal data unit size protocol; display network address to signal interaction; selection of functions during the phase data transmission; provision of means for unambiguous network identification connection; transmission user data)	provided/not provided
					release phase function	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.112.	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Functions for connection-oriented services; Other research (testing); methods of other research (testing) without specifying				function of the transmission phase provided data (segmentation/assembly; connection identification; protocol data unit limitation)	provided/not
1.113.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Network display address to signaling interaction	provided/not provided
					segmentation	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.113.	16.05.2006 No. 59, dated 06.02.2008 No. 15, from 27.08.2007 No. 101, from 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Functions for services not oriented towards connection; Other research (testing); methods of other research (testing) without specification				preserved consistency transmission of messages	ensured/not ensured

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.113						
1.114	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 9. Methodology for verifying compliance with requirements for system parameters interstation signaling systems telephone communication general use (orders of the Ministry of Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, from 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.110	8517	data without connection (UDT)	provided/not provided
					type **1** data (DP)	met/not met
					prohibited subsystem (SSP)	provided/not provided
					connection request (CR)	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.114.	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Reports at the SSSR level; Other studies (tests); Methods of other studies (tests) without specification				Release (RLSD)	provided/not provided
					Release completed (RLC)	secured/unsecured
					connection refusal (CREF)	secured/unsecured
					protocol data block error (ERR)	provided/not provided
					connection confirmation (CC)	secured/unsecured

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.114					Permitted subsystem (SSA)	provided/not provided
					Extended data without connection (XUDT)	Provided/Not provided
					inactivity test (P)	provided/not provided
					Subsystem status test (SST)	provided/not provided
					unconnected data service (UDTS)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.114.					"Extended data without connection" service (XUDTS)	Provided/Not provided
1.115	Program and methodology Confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 9. Methodology for verifying compliance with requirements for system parameters interstation alarm network telephone communication use (orders of the Ministry of Information and Communications of Russia 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Equipment Communication; Means of communication, Performing the function switching systems;	26.30;26.30.11.110	8517	Called party address	provided/not provided
					Calling address side	met/not met
					Importance	ensured/not ensured
					User data	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.115.	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Parameters SSSR; Other studies (tests); methods of other studies (tests) without specification				Protocol class	provided/not provided
					Code of the item involved	provided/not provided
					Message type code	provided/not provided
					End of optional parameters	provided/not provided
					Local conditional source number	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.115					Local conditional number of destination	provided/not provided
					Number of subsystem involved	provided/not provided
					Reason for return	secured/unsecured
					Reason for release	provided/not provided
					Reason for refusal	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.115.					Reason for error	provided/not provided
					Segmentation	Provided/Not provided
					Segmentation/assembly	provided/not provided
					Transfer counter	provided/not provided
1.116	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for interstation system parameters	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	SCCP control procedures	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.116.	signaling of the public telephone network (orders of the Ministry of Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27 August 2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Procedures at the SSSR level; Other research				processing procedures Unrecognized messages and parameters	provided/not provided
					procedures related to non-connection-oriented services	provided/not provided
					procedures related to connection-oriented services: connection establishment procedures; data transfer procedures; connection release procedures	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.116.	(tests); methods of other studies (tests) without specification					
1.117	Program and methodology Confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation network signaling telephone communication for general Ministry of Communications of Russia dated 06.02.2008 No. 15, from 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Equipment communication; Communication equipment, Performing the function switching systems;	26.30; 26.30.11.110	8517	DPC+MTP - SAP instance	provided/not provided
					DPC+MTP - SAP instance+: SSN, different from zero; GT or GT+SSN, equal to zero; GT+SSN, other than zero	met/not met
					GT with (without) SSN	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.117.	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Targeted information contained in the "address of the called party"; Other research (testing); methods of other research (testing) without specification					
1.118.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation alarm systems telephone communication public use (orders	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	routing, which provide: type conformity determination SCCP node to which the message was sent; ensuring the mechanism traffic restriction	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.118.	Ministry of Communications and Mass Media of Russia dated May 16, 2006 No. 59, dated February 6, 2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Functions of the USSR; Other research (testing); methods of other research (testing) without specifying				broadcast of the global In the case the need to perform a broadcast, the message transmitted by the SCCP user contains a global overload header ~~overload control~~	provided/not provided title. ~~provided/not provided~~

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.119	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation signaling network telephone connection public use (commands Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31 May 2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, from	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.11O	8517	inactivity control	provided/not provided
					connection release for release temporary signal connection between two SCCP users	provided/not provided
					connection refusal to indicate to the calling SCCP user that it is impossible to establish a signaling connection	provided/not provided
					data transmission for transferring user information via an established temporary signal connection	provided/not provided
					restart to restore the signal connection in case of a failure in the communication node	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.119.	27.06.2011 No. 160, dated 30.10.2009 No. 136, from 21.03.2017 No. 129, from 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Procedures for services focused on establishing connections; Other research (tests); methods of other research (testing) without specification				signal connection between two SCCP users, using parameters "called address (calling) party"	provided/not provided
1.120.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Verification methodology to meet the requirements for system parameters interstation alarm network public telephone network (orders Ministry of Communications and Mass Media of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.11O	8517	message return for deviations or return messages that do not can be delivered to destination or to if it is impossible to reassembly message	provided/not provided
					local notification to inform subsystems about the status of the signaling point, other subsystems, or SCCP	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.120.	31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Procedures for services not focused on establishing a connection; Other research (testing); methods of other research (testing) without specifying				message processing with Syntactic error	provided/not provided
					Alert to inform signaling points about a change in the status of the subsystem or SCCP of a local or neighboring signaling point	provided/not provided
					Data transmission for user information transfer	provided/not provided
					restart (allows notification of alarm point availability after restart procedures)	provided/not provided
					segmentation and reassembly	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.120.					Status testing Subsystems are used to check the status of SCCP or subsystems previously marked as prohibited.	Ensured/Not ensured
					SCCP control for managing network parameters by redirecting or blocking traffic in the event of a network failure	provided/not provided
					Subsystem status management (allows subsystems to be restored from a failure state)	provided/not provided
					Signaling point status management (allows translation and status tables to be updated based on incoming information about network failures and overloads)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.121	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009 No. 133, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	End: end	provided/not provided
					Any direction: unidirectional	provided/not provided
					Start: begin	provided/not provided
					Termination: abort	provided/not provided
					Continuation: continue	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.121	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346), TSAP subsystem messages; Other studies (tests); methods of other studies (tests) without specification					
1.122.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Error return: return error	provided/not provided
					Result return (not last): return result (not last)	provided/not provided
					Return result (last): return result (last)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.122	21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), TCAP subsystem components; Other research (testing); Methods of other research (testing) without specification				Address: invoke	provided/not provided
					Rejection: Reject	provided/not provided
1.123.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9.	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Subsystem implementation	provided/not provided MAR

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.123.	Methodology for verifying for compliance with system parameters interstation alarm systems of the telephone communication network use (orders of the Ministry of Information and Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated					

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.123.	12.12.2011 No. 340, dated 15.09.2015 No. 346), Implementation of the MAR subsystem; Other research (testing); Methods of other research (testing) without specification					
1.124.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Information and Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	subsystem messages MAR on D-interface	provided/not provided
					MAR subsystem messages on F, Gf interface	provided/not provided
					MAR subsystem messages on G interface	provided/not provided
					MAR subsystem messages on the Gr interface	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.124	29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), MAP subsystem messages on interfaces; Other studies (tests); Methods of other studies (tests) without specification				Subsystem messages MAR on the Gc interface	provided/not provided
					MAR subsystem messages on the J interface	Provided/Not provided
					MAR subsystem messages on the L interface	provided/not provided
					MAR subsystem messages on the B interface	provided/not provided
					MAP subsystem messages on the E interface	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.124.					Subsystem messages MAR on C-interface	provided/not provided
1.125.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Information and Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	End of dialogue	provided/not provided
					Start of dialogue	provided/not provided
					Interruption of dialogue by subscriber	provided/not provided
					Termination of dialogue by network provider	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.125.	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346), General communications of the MAR subsystem; Other studies (tests); methods of other studies (tests) without specification				Division of services primitives during dialogue	provided/not provided
					Notification of problems during dialogue	provided/not provided
1.126.	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Subscriber out of reach	provided/not provided
					Updating subscriber location data	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.126.	16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Location management subsystem messages; Other research (testing); other research (testing) methods without specification				Updating data on Subscriber location	provided/not provided
					Updating subscriber location data	Provided/Not provided
					Cancellation of subscriber location information	provided/not provided
					Identification transfer	provided/not provided
					Notification of subscriber data deletion	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.126.						
1.127	Program and methodology Confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 9. Methodology for verifying compliance with requirements for system parameters interstation alarm systems telephone communication use (orders of the Ministry of Information 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Equipment communication; Communication means, Performing the function switching systems;	26.30;26.30.11.110	8517	Paging initiation	provided/not provided
					Search AS	met/not met

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.127.	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Pejginr and search; Other research (testing); methods of other research (testing) without specification					
1.128.	Program and methodology of confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation alarm systems of the telephone communication network use (orders of the Ministry of Information and Communications of Russia dated 16.05.2006 No. 59, dated	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	Process initiation access to the network	ensured/not ensured

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.128.	06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. I 0.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Management reports access to the MAR subsystem; Other research (tests); methods of other research (testing) without specification					

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.129	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation alarm network telephone communication general (orders Ministry of Communications and Mass Media of Russia dated May 16, 2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	Submission of a report on handover process	provided/not provided
					Information transmission	provided/not provided
					Signal transfer during handover	provided/not provided
					Preparation for transfer to the next CCP	ensured/not ensured
					Preparation of the handover process	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.129.	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Messages for handover implementation; Other research (testing); Methods of other research (testing) without specification				Access process for transmission	ensured/not ensured signal
					Number distribution handover	provided/not provided
1.130.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Process initiation authentication	authentication process
					Transmission of subscriber authentication information	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.130	21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Messages of the MAR subsystem management authentication; Other research (tests); methods of other research (testing) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.131	Program and methodology confirmation tests type compliance, approved by the SPbGUT Certification Center 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation alarm systems of the telephone communication network use (orders of the Ministry of Information and Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Equipment communication ; Communication devices, performing the function switching systems;	26.30;26.30.11.11O	8517	Method installation encryption	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.131.	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Messages from the MAR security management subsystem; Other studies (tests); methods of other studies (tests) without specification					
1.132.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Obtaining international identifier for AS equipment	secured/not secured
					Verification of international identifier; AS equipment	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.132	11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Messages of the MAR subsystem equipment identification equipment; Other research (tests); methods of other research (testing) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.133	Program and methodology tests confirmation type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation alarm network telephone communication general use (orders of the Ministry of Information and Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Equipment communication; Communication tools, performing the function switching systems;	26.30;26.30.11.11O	8517	Subscriber registration data	provided/not provided
					Removal of subscriber data	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.133.	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Subscriber data management communications; Other research (testing); Methods of other research (testing) without specification					
1.134.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Information and Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007 No. 58, from	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Obtaining international AC number	secured/not secured
					Assignment of a new temporary subscriber number during a permanent transaction	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.134.	11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated September 15, 2015 No. 346), Messages of the MAR subsystem identity management identity management; Other research (tests); methods of other research (testing) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.135	Program and methodology Confirmation tests type conformity, approved by IC SPbGUT January 10, 2017. Appendix 9. Methodology for verifying compliance with requirements for system parameters interstation alarm network telephone communication use (orders of the Ministry of Communications of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	Data recovery	provided/not provided
					Forwarding and verification indication of additional services	ensured/not ensured
					Reset	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.135.	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Reports of the MAR subsystem recovery from an error state; Other studies (tests); methods of other studies (tests) without specification					
1.136.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Information and Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Subscriber request information	provided/not provided
					Subscriber information request at any time	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.136	11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Messages of the MAR subsystem subscriber information request information; Other research (tests); methods of other research (testing) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.137	Program and methodology Confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation alarm network telephone communication use (orders of the Ministry of Communications of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Equipment communication ; Communication devices, Performing the function switching systems;	26.30;26.30.11.11O	8517	Subscriber activated	provided/not provided
					Subscriber activation	ensured/not ensured
					Subscriber deactivation	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.137.	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Tracking messages ; Other research (tests); methods of other research (testing) without specification					
1.138.	Program and methodology tests confirmation type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 9. Methodology for verifying compliance with system parameters interstation alarm systems of the telephone communication network use (orders of the Ministry of Information and Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated	Equipment communication; Communication tools, performing the function switching systems;	26.30;26.30.11.11O	8517	International transmission AC number	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.138.	21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Messages of the MAR subsystem for the implementation of operation and technical maintenance functions; Other research (tests); methods of other research (testing) without specification					

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.139.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Methodology for verifying compliance with requirements for system parameters interstation alarm network telephone communication general use (orders Ministry of Communications and Mass Media of Russia dated May 16, 2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	Roaming request number	provided/not provided
					Modification of signaling server functions joint interaction	ensured/not ensured
					Sending the final group call signal	provided/not provided
					Status report	provided/not provided
					Transmission of routing information	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.139.	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Call processing subsystem messages; Other research (testing); Other research (testing) methods without specification				Signal transmission Group call	provided/not provided
					Group call preparation	provided/not provided
					Provision of the number of the collaboration functions server	provided/not provided
					Call processing continuation	provided/not provided
					Group call signaling process	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.139					Remote subscriber	provided/not provided free
					Establishment of delivery Status reporting	provided/not provided
1.140.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Activation of additional services	provided/not provided
					Requesting additional services	provided/not provided
					Deactivation of additional services	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.140.	12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), MAP subsystem messages related to additional types of service; Other studies (tests); Methods of other studies (tests) without specification				Request Unstructured additional services	Provided/Not provided
					Password acquisition	Provided/Not provided
					Process for requesting unstructured additional services	provided/not provided
					Registration of additional services	provided/not provided
					Call management record registration	provided/not provided

N	Documents establishing rules and methods for research **(testing) and measurements**	**Name of object**	**code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Range of determination**
1.140					Password registration	provided/not provided
					Deletion of additional services	Provided/Not provided
					Call control record deletion	Provided/Not provided
					Notification of additional services	provided/not provided
					Notification of additional services	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.140					Notification of unstructured additional services	Provided/Not provided
1.141	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Methodology for verifying compliance with requirements for system parameters interstation alarm systems telephone communication systems use (orders of the Ministry of Information and Communications of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.110	8517	Readiness for short messages	provided/not provided
					Readiness of the service center	ensured/not ensured
					Information from the service center	provided/not provided
					Short message delivery status report	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.141.	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346), Messages for short message services; Other research (testing); Methods of other research (testing) without specification				Short message transmission Messages from outgoing subscribers	provided/not provided
					Forwarding of information to the outgoing subscriber	Provided/Not provided
					Forwarding of information to the end subscriber	provided/not provided
					Forwarding routing information for the short message center	provided/not provided
					Forwarding of short messages to end subscribers	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.142	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Verification methodology compliance with requirements for system parameters interstation network signaling telephone communication general use (orders Russian Ministry of Communications and Mass Media No. 59 dated May 16, 2006, No. February 6, 2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	AS is present again for GPRS	provided/not provided
					Activation denied context protocol packet data transmission (RDR context)	ensured/not ensured
					Transmission of routing information for packet data transmission	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.142.	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Messages of the MAR subsystem network request activation packet data transmission data; Other research (tests); methods of other research (testing) without specification					
1.143.	Program and methodology Confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 9. Verification methodology compliance with requirements for system parameters interstation alarm network telephone communication general use (orders of the Ministry of Communications of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, from 19.04.2007 No. 48, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	Location report subscriber	provided/not provided
					Transmission of route for the interstation signaling location	ensured/not ensured
					Provision of information on subscriber's location	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.143.	May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Reports of the by the location determination service location; Other research (tests); methods of other research (testing) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.144.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	CS **1** feature set	provided/not provided
					CS2 feature set	provided/not provided
					CS3 feature set	provided/not provided
					CS4 feature set	provided/not provided
					first stage of IN equipment implementation	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.144.	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Equipment interfaces IN/; compliance with a set of capabilities; Other studies (tests); methods of other studies (tests) without specification					
1.145.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007 No. 58, from	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	SCP- SSP	provided/not provided
					SCP-IP	provided/not provided
					SCP-SCP	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.145.	11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated September 15, 2015 No. 346), IN equipment interfaces; compliance with the intelligent network application protocol (INAP) using the transaction capability application subsystem (TC); interfaces; Other research (testing); methods of other research (testing) without specification				SCP-SDP	provided/not provided
					SDP-SDP	Provided/Not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.145						
1.146	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Filter activation Services: ActivateServiceFiltering (from SCP to SSP)	provided/not provided
					Associative initial call attempt: InitiateAssociation (from SCP to SSP)	provided/not provided
					Associative initial detection point: InitialAssociationDP (from SSP to SCP)	provided/not provided
					Associative connection: ConnectAssociation (from SCP to SSP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.146.	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), IN equipment interfaces; INAP protocol operations, SCP - SSP interface; Other studies (tests); methods of other studies (tests) without specification				Selection of means: SelectFacility (from SCP to SSP)	provided/not provided
					Request for additional instructions: AssistRequestInstructions (from SSP to SCP)	Provided/Not provided
					Call information request: CallInformationRequest (from SCP to SSP)	Provided/Not provided
					Request for report on each status change: RequestEveryStatusChangeReport (from SCP to SSP)	provided/not provided
					Request for first status match report: RequestFirstStatusMatch Report (from SCP to SSP)	Provided/Not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.146					Request for event report of the basic call handling process: RequestReportBCSMEvent (from SCP to SSP)	provided/not provided
					Request for a report on events of the basic state model not related to the call: RequestReportBCUSMEvent (from SCP to SSP)	provided/not provided
					Request for current status report: RequestCurrentStatusReport (from SCP to SSP)	provided/not provided
					Request for a report on information transmitted from the user to the service: RequestReportUTSI (from SCP to SSP)	Provided/Not provided
					Request for status cancellation report: CancelStatusReportRequest (from SCP to SSP)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.146					Request for notification of cost accounting events: RequestNotificationChargingEvent (from SCP to SSP)	provided/not provided
					Initial call attempt: InitiateCal\Attempt (from SCP to SSP)	provided/not provided
					Initial discovery point: InitialDP (from SSP to SCP)	provided/not provided
					Call segment merging: MergeCal\Segments (from SCP to SSP)	provided/not provided
					Incoming call restriction: CallGap (from SCP to SSP)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.146					Object release: EntityReleased (from SSP to SCP)	provided/not provided
					Release: ReleaseCall (from SCP to SSP)	Provided/Not provided
					Response to call information request: Sa!llnformationReport (from SSP to SCP)	provided/not provided
					Cancellation: Cancel (from SCP to SSP)	provided/not provided
					Report on data collection for billing: ApplyChargingReport (from SSP to SCP)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.146					Report on events of the basic call handling process: EventReportBCSM (from SSP to SCP)	provided/not provided
					Report on events of the basic state model not related to the call: EventReportBCUSM (from SSP to SCP)	Provided/Not provided
					Status report: StatusReport (from SCP to SSP)	provided/not provided
					Service filtering report: ServiceFilteringResponse (from SSP to SCP)	provided/not provided
					Report on information transmitted from the user to the service: ReportUTSI (from SSP to SCP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.146					Transmission of information: SendSTUI (from SCP to SSP)	provided/not provided
					Transmission of cost accounting information: SendChargingInformation (from SCP to SSP)	Provided/Not provided
					Timer reset: ResetTimer (from SCP to SSP)	provided/not provided
					Call segment movement: MoveCallSegments (from SCP to SSP)	provided/not provided
					Connection leg move: MoveLeg (from SCP to SSP)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.146					Reconnection Connection: Reconnect (from SCP to SSP)	provided/not provided
					Provision of cost accounting information: FurnishChargingInformation (from SCP to SSP)	provided/not provided
					Continuation of associative service: ContinueAssociation (from SCP to SSP)	provided/not provided
					Continue service: Continue (from SCP to SSP)	provided/not provided
					Continuation with argument: ContinueWithArgument (from SCP to SSP)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.146					Separation of parts connection: SplitLeg (from SCP to SSP)	provided/not provided
					Breakup of associative connection: ReleaseAssociation (from SCP to SSP)	Provided/Not provided
					Disconnection of connection with argument: DisconnectFor,vardConnection WithArgument (from SCP to SSP)	provided/not provided
					Disconnecting a connection: DisconnectFor,vardConnection (from SCP to SSP)	provided/not provided
					Disconnecting part of the connection: DisconnectLeg (from SCP to SSP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.146					Data collection for charging: ApplyCharging (from SCP to SSP)	provided/not provided
					Information collection: Collectlnformation (from SCP to SSP)	Provided/Not provided
					Connection to specialized resources: ConnectToResource (from SCP to SSP)	provided/not provided
					Connection: Connect (from SCP to SSP)	provided/not provided
					Call segment association creation: CreateCallSegmentAssociation (from SCP to SSP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.146					Creation or deletion trigger point: CreateOrRemoveTriggerData (from SCP to SSP)	provided/not provided
					Interaction verification test: ActivityTest (from SCP to SSP)	provided/not provided
					Accounting event notification: EventNotificationCharging (from SSP to SCP)	provided/not provided
					Switch data management: ManageTriggerData (from SCP to SSP)	provided/not provided
					Service profile setup: SetServiceProfile (from SCP to SSP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.146					Establishment of temporary EstaYishTemporaryConnectio n (from SCP to SSP)	connection:
					Call filtering: Cal!Filtering (from SCP to SSP)	provided/not provided
1.147.	Type conformity testing program and methodology, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Information and Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Scenario implementation: ScriptRun (from SCP to IP)	provided/not provided
					Script completion: ScriptClose (from SCP to IP)	provided/not provided
					Request for auxiliary instructions: AssistRequestI11structio11 (from IP to SCP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.147.	12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), IN equipment interfaces; INAP protocol operations, SCP interface - IP; Other studies (tests); Methods of other studies (tests) without specification				Scenario information: Scriptinformation (from SCP to IP)	provided/not provided
					Restriction of calls coming to the functional object of specialized resources: SRFCallGap (from IP to SCP)	Provided/Not provided
					Cancellation: Cancel (from SCP to IP)	Provided/Not provided
					Specialized Resources Report: SpecializedResourceReport (from IP to SCP)	provided/not provided
					Prompt and receive messages: PromptAndReceiveMessage (from SCP to IP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.147					Prompt and collection User information: PromptAndCollectUser Information (from SCP to IP)	provided/not provided
					Playback of voice message: PlayAnnouncement (from SCP to IP)	Provided/Not provided
					Script event: ScriptEvent (from IP to SCP)	Provided/Not provided
					Interconnection test: ActivityTest (from SCP to IP)	provided/not provided
1.148	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation communication systems	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Network capabilities: Net\vorkCapability (from SCP to SCP)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.148.	Signaling of the public telephone network (Orders of the Ministry of Communications of Russia No. 59 of May 16, 2006, No. February 6, 2008 No. 15, 27 August 2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), IN equipment interfaces; protocol operations				Processing request Information: HandlinglnformationRequest (from SCP to SCP)	provided/not provided
					Chained notification request: ChainedRequestNotification (from SCP to SCP)	Provided/Not provided
					Notification request: RequestNotification (from SCP to SCP)	Provided/Not provided
					Disconnection between service management functional objects (in the chaining case): SCFUnBind (in the chaining case) (from SCP to SCP)	provided/not provided
					Disconnection between service management functional objects: SCFUnBind (from SCP to SCP)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.148	INAP, SCP interface - SCP; Other studies (tests); Methods of other studies (tests) without specification				Provided Confirmed notification: ConfirmedNotificationProvided (from SCP to SCP)	provided/not provided
					Notification provision: NotificationProvided (from SCP to SCP)	Provided/Not provided
					Provided chained confirmed notification: ChainedConfirmedNotificationProvided (from SCP to SCP)	Provided/Not Provided
					Charging information report: ReportChargingInformation (from SCP to SCP)	Provided/Not Provided
					Confirmed charging information report: ConfirmedReportChargingInformation (from SCP to SCP)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Scope of definition
1.148					Provision of user information: ProvideUserInformation (from SCP to SCP)	provided/not provided
					Result of information processing: HandlinglnformationResult (from SCP to SCP)	Provided/Not provided
					Related cost recording assurance: ChainedEstablishChargingRecord (from SCP to SCP)	provided/not provided
					Related user information provision: ChainedProvideUserInformation (from SCP to SCP)	provided/not provided
					Related notification provision: ChainedNotificationProvided (from SCP to SCP)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Scope of definition
1.148					Related network capabilities: ChainedNetworkCapability (from SCP to SCP)	provided/not provided
					Chained information processing request: ChainedHandlingInformation Request (from SCP to SCP)	Provided/Not provided
					Chained Report Charging Information (from SCP to SCP)	provided/not provided
					Chained confirmed charging information report: ChainedConfirmedReport Charging Information (from SCP to SCP)	provided/not provided
					Related information processing result: ChainedHandlingInformation Result (from SCP to SCP)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Scope of definition
1.148					Binding of functional service management objects (when forming a chain): SCFBiпd (in the chaining case) (from SCP to SCP)	provided/not provided
					Binding of functional service management objects: SCFBind (from SCP to SCP)	provided/not provided
					Creation of a cost accounting record: EstaY ishChargingRecord (from SCP to SCP)	provided/not provided
1.149.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Internal directive binding: In-directoryBind (from SCP to SDP)	provided/not provided
					Execution: Execute (from SCP to SDP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.149.	06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. I 0.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), IN equipment interfaces; INAP protocol operations, SCP - SDP interface; Other research (testing); Methods of other research (testing) without specification				Add entry: AddEntry (from SCP to SDP)	provided/not provided
					Object modification: ModifyEntry (from SCP to SDP)	Provided/Not provided
					Violation of internal directive binding: In-directoryUnbind (from SCP to SDP)	provided/not provided
					Search: Search (from SCP to SDP)	provided/not provided
					Entry removal: RemoveEntry (from SCP to SDP)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.149.						
1.150.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Update request by copying: RequestShadowUpdate (from SDP to SDP)	provided/not provided
					Shadow update coordination: CoordinateShadowUpdate (from SDP to SDP)	provided/not provided
					Violation of internal linking of directive system agents: In-DSAUпbiпd (from SDP to SDP)	provided/not provided
					Violation of internal shadow binding of directive system agents: In-DSAShadowUпbind (from SDP to SDP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.150.	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), IN equipment interfaces; INAP protocol operations, SDP interface - SDP; Other research (testing); methods of other research (testing) without specification				Update by copying: UpdateShadow (from SDP to SDP)	provided/not provided
					Related input modification: ChainedModifyEntry (from SDP to SDP)	Provided/Not provided
					Linked execution: ChainedExecute (from SDP to SDP)	provided/not provided
					Chained entry addition: ChainedAddEntry (from SDP to SDP)	provided/not provided
					Chained search: ChainedSearch (from SDP to SDP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.150					Bound remote entry: ChainedRemoveEntry (from SDP to SDP)	provided/not provided
					Binding of directive system agents: DSABind (from SDP to SDP)	provided/not provided
					Shadow binding of directive system agents: DSAShadowBind (from SDP to SDP)	provided/not provided
1.151.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008, No. 15, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	to support stage 2-ro 2- phase of CAMEL Release 1998	provided/not provided
					to support stage 2 of phase 3 of CAMEL Release 4	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.151.	27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Interfaces of IN equipment used in GSM 900/1800 mobile radio telephone networks; compliance with a set of capabilities; Other research (testing); methods of other research				to support stage 2 of 4 Phase y SAMEL Release 5	provided/not provided
					to support the second stage of the fourth phase of CAMEL Release 6	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.151.	(tests) without specification					
1.152	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008, No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	SCP- SSP	provided/not provided
					SCP-IP	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.152	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Compliance with the CAMEL (CAP) application protocol using the transaction capabilities (TC) application subsystem; interfaces; Other studies (tests); methods of other studies (tests) without specification					
1.153.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation communication systems	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	SCP-HLR	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.153.	Network signaling telephone communication general use (orders Ministry of Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Compliance with the applicable mobile communication protocol				SCP-MSC	Provided/Not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.153.	(MAR) using the applied transaction capabilities subsystem (TC); interfaces; Other research (testing); methods of other research (testing) without specification					
1.154	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Information and Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Request for auxiliary AssistRequestlnstructions (from SSP to SCP)	provided/not provided
					Call information request: Cal\lnformationRequest (from SCP to SSP)	provided/not provided
					Request for GPRS event report: RequestReportGPRSEvent (from SCP to SSP)	provided/not provided
					Request for SMS event report: RequestReportSMSEvent (from SCP to SSP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.154.	29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), CAP protocol operations, SCP - SSP interface; Other studies (tests); methods of other studies (tests) without specification				Request for event report of the basic call service process: RequestReportBCSMEvent (from SCP to SSP)	provided/not provided
					Initial call attempt: InitiateCallAttempt (from SCP to SSP)	Provided/Not provided
					Initial GPRS detection point: InitialDPGPRS (from SSP to SCP)	provided/not provided
					Initial SMS discovery point: InitialDPSMS (from SSP to SCP)	provided/not provided
					Initial discovery point: InitialDP (from SSP to SCP)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.154					Restriction on incoming calls: Ca\lGap (from SCP to SSP)	provided/not provided
					GPRS release: ReleaseGPRS (from SCP to SSP)	provided/not provided
					SMS release: ReleaseSMS (from SCP to SSP)	provided/not provided
					GPRS entity release: EntityReleasedGPRS (from SSP to SCP)	provided/not provided
					Entity release: EntityReleased (from SSP to SCP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurement	Object name	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.154					Release: ReleaseCall (from SCP to SSP)	provided/not provided
					Response to call information request: CalllnformationReport (from SSP to SCP)	provided/not provided
					GPRS cancellation: CancelGPRS (from SCP to SSP)	provided/not provided
					Cancel: Cancel (from SCP to SSP)	provided/not provided
					Report on data collection for GPRS billing: ApplyChargingReportGPRS (from SSP to SCP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.154.					Report on data collection for charging: ApplyChargingReport (from SSP to SCP)	provided/not provided
					GPRS event report: EventReportGPRS (from SSP to SCP)	provided/not provided
					SMS event report: EventReportSMS (from SSP to SCP)	provided/not provided
					Basic call service process event report: EventReportBCSM (from SSP to SCP)	provided/not provided
					GPRS charging information transfer: SendCharging InformationGPRS (from SCP to SSP)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.154					Information transfer Cost accounting: SendChargingInformation (from SCP to SSP)	provided/not provided
					GPRS timer restart: ResetTimerGPRS (from SCP to SSP)	Provided/Not provided
					SMS timer reset: ResetTimerSMS (from SCP to SSP)	Provided/Not provided
					Timer reset: ResetTimer (from SCP to SSP)	provided/not provided
					Move connection part: MoveLeg (from SCP to SSP)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.154					Provision of GPRS cost accounting information: FurnishCharging InformationGPRS (from SCP to SSP)	provided/not provided
					Provision of SMS charging information: FurnishCharging InformationSMS (from SCP to SSP)	provided/not provided
					Provision of cost accounting information: FurnishCharging Information (from SCP to SSP)	provided/not provided
					SMS continuation: ContinueSMS (from SCP to SSP)	provided/not provided -
					GPRS service continuation: ContinueGPRS (from SCP to SSP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.154					Continuation service: Continue (from SCP to SSP)	Provided/Not provided
					Continuation with argument: ContinueWithArgument (from SCP to SSP)	provided/not provided
					Playing an audio tone: PlayTone (from SCP to SSP)	provided/not provided
					Split connection legs: SplitLeg (from SCP to SSP)	provided/not provided
					Disconnect connection with argument: DisconnectForward Connection WithArgument (from SCP to SSP)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.154.					Disconnection of connection: DisconnectFonvard Connection (from SCP to SSP)	provided/not provided
					Disconnection of part of the connection: DisconnectLeg (from SCP to SSP)	Provided/Not provided
					Data collection for GPRS billing: ApplyChargingGPRS (from SCP to SSP)	provided/not provided
					Data collection for billing: ApplyCharging (from SCP to SSP)	provided/not provided
					GPRS connection: ConnectGPRS (from SCP to SSP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.154					SMS connection: ConnectSMS (from SCP to SSP)	provided/not provided
					Connection to specialized resources: ConnectToResource (from SCP to SSP)	provided/not provided
					Connection: Connect (from SCP to SSP)	provided/not provided
					GPRS interconnection test: ActivityTestGPRS (from SCP to SSP)	provided/not provided
					Interconnection test: ActivityTest (from SCP to SSP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.154					Establishment of temporary EstaYishTemporary Connection (from SCP to SSP)	connection:
1.155.	The program and methodology for type conformity testing were approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Request for auxiliary AssistRequestInstructions (from IP to SCP)	provided/not provided
					Cancel: Cancel (from SCP to IP)	provided/not provided
					Specialized resource report: SpecializedResourceReport (from IP to SCP)	provided/not provided
					Prompt and collect user information: PromptAndCollectUserInformation (from SCP to IP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.155.	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), CAP protocol operations, SCP interface - IP; Other studies (tests); methods of other studies (tests) without specification				Playback of speech PlayAnnouncement (from SCP to IP) ~~Interconnection test:~~ ActivityTest (from SCP to IP)	message playback: ~~provided/not provided~~
1.156.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Request for information on subscriber at any time: AnyTimeInterrogation (from SCP **to HLR)** Request for unstructured supplementary service: UnstructuredSS-Request (from SCP to HLR)	provided/not provided provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.156	16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), GSM MAP protocol operations, SCP - HLR interface; Other studies (tests); methods of other studies (tests) without specification				Processing request information unstructured additional service: ProcessUnstructuredSS Request (from HLR to SCP)	provided/not provided
					Notification of unstructured additional service: UnstructuredSS-Notify (from SCP **to HLR)**	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.157	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133,	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Notification of access additional service: SS Iпvocation Notification (from MSC to SCP)	provided/not provided for

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.157	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), GSM MAP protocol operations, MSS SCP interface; Other studies (tests); methods of other studies (tests) without specification					
1.158.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	corresponding WIN ph **1**	provided/not provided
					corresponding WIN ph 2	provided/not provided
					corresponding WIN ph 3	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.158	11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Interfaces of IN equipment used in the IMT MC450 mobile radio telephone network; compliance with a set of capabilities; Other studies (tests); methods of other studies (tests) without specifying				the service prepaid calls	provided/not provided
					corresponding to the service identification calling subscriber	provided/not provided name

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.159	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133,	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	HLR-IP	provided/not provided
					SCP-MSC	provided/not provided
					SCP-HLR	provided/not provided
					SCP-IP	provided/not provided
					SCP-SCP	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Determination range
1.159.	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, FROM 15.09.2015 No. 346), Interfaces of IN equipment used in the IMT MC450 mobile radio telephone network; compliance with the application subset of the mobile application protocol (MAP) using the TSAP application subsystem; interfaces; Other research (testing); methods of other research (testing) without specification				SCP-SN	provided/not provided
					SN-HLR	provided/not provided
					SN-IP	provided/not provided
					SN-MSC	provided/not provided
					SN-SN	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.160	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009 No. 133, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Resource allocation: SeizeResource	provided/not provided
					Checkpoint conditions met: AnalyzedInformation	provided/not provided
					Call data is unreliable: UnreliableCallData	provided/not provided
					Remote user interaction directive: RemoteUser InteractionDirective	provided/not provided
					Call prohibition directive: ACGDirective	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.160	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), MAP IMT-MS protocol operations; Other studies (tests); methods of other studies (tests) without specification				IP management directive: SRFDirective	provided/not provided
					Call control directive: CallContro IDirective	Provided/Not provided
					Instruction request: InstructionRequest	provided/not provided
					Location request: PositionRequest	provided/not provided
					Request for number to transfer to: TransferToNumber Request	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.160					Parameter request location: LCSParameterRequest	provided/not provided
					Number portability parameter request: NumberPortability Request	Provided/Not provided
					Outgoing connection properties request: OriginationRequest	provided/not provided
					Feature request: FeatureRequest	provided/not provided
					Status notification request: StatusNotificationRequest	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.160					Service request: ServiceRequest	provided/not provided
					Checkpoint (for incoming call) "Busy": TBusy	Provided/Not provided
					Checkpoint (for incoming call) "No answer": TNoAnswer	provided/not provided
					Checkpoint (for incoming call) "Answer": TAnswer	provided/not provided
					Checkpoint (for incoming call) "Disconnect": TDisconnect	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.160					Control point (for outgoing call party) "Busy": OCa\ledPartyBusy	provided/not provided
					Checkpoint (for the outgoing party) "No answer": ONoAnswer	provided/not provided
					Checkpoint (for the outgoing party of the call) "Answer": OAnswer	provided/not provided
					Checkpoint (for outgoing call party) "Disconnect": ODisconnect	provided/not provided
					Data modification: Modify	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.160.					Disconnection from the resource: DisconnectResource	provided/not provided
					Call data recovery report: Cal\RecoveryReport	Provided/Not provided
					Connection failure report: ConnectionFailureReport	provided/not provided
					Timer reset: ResetTimer	provided/not provided
					Connection to resource: ConnectResource	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.160					Data search: Search	Provided/Not provided
					Disconnect all calls: BulkDisconnection	provided/not provided
					Facility selected and available: FacilitySelectedAnd AvailabIe	provided/not provided
					Terminal is inactive: MSinactive	provided/not provided
					Registration notification: Registration Notification	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.161.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133,	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	implementation in the tested equipment of linear signals	provided/not provided
					Implementation of interaction of the tested equipment with other communication nodes via 2VSK	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.161.	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Implementation of register signaling and linear signaling via two dedicated signal channels (2VSK); Other research (testing); methods of other research (testing) without specification					
1.162.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008, No. 15, 27.08.2007 No. 101, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Blocking	provided/not provided
					Occupation (stage **1** stage 2: confirmation)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.162.	19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Composition Line signals and signal codes for EL and ZSL with signaling on 2 VSK; Other research (testing); methods of other research (testing) without specification				Subscriber line occupancy lines or connecting routes	provided/not provided
					Initial condition check	provided/not provided
					Called subscriber number (decimal code)	provided/not provided
					Called subscriber hang-up	provided/not provided
					Caller rejection (after answering)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.162.					Answer/Request AON	provided/not provided
					Disconnection (at any stage): transition to initial state	Ensured/not ensured
					Removal of AON response/request	provided/not provided
1.163.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Subscriber is available, call ended called subscriber	provided/not provided
					Block	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.163.	27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Composition Line signals and signal codes according to SLM with 2 VSK signaling; Other studies (tests); Methods of other studies (tests) without specification				Call	provided/not provided
					Activity **(**Stage **1**, Stage 2: confirmation)	Provided/Not provided
					Subscriber line or connecting lines busy	provided/not provided
					Initial state monitoring	provided/not provided
					Called subscriber number (decimal code)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.163					Answer	Provided/Not provided
					Disconnection at any initial state	stage: transition to the
1.164.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Temporary parameters linear processing 2VSK alarm system	provided/not provided for

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.164.	12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Temporary parameters for processing linear alarms via 2VSK; Other research (testing); methods of other research (testing) without specification					
1.165.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9.	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	response in case of violation linear signaling	provided/not provided by

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.165	Verification method for compliance with system parameters interstation alarm systems of the telephone communication network use (orders of the Ministry of Information and Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated					

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.165	12.12.2011 No. 340, dated 15.09.2015 No. 346), Response in case of violation of linear signaling 2VSK; Other studies (tests); methods of other studies (tests) without specification					
1.166.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008, No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	in pre-response, response status and after receiving the "Answer Removal" signal during a local connection	provided/not provided
					to the called subscriber after their response at the terminal node during an incoming call	provided/not provided
					immediately after the end of the control signal exchange; for incoming connections via SLM at the transit communication node	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.166	29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Establishment of a speech tract according to 2VSK; Other studies (tests); methods of other studies (tests) without specification					
1.167.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the network	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	acoustic signal "Busy" or "Busy with overload" on the talk path	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.167.	public telephone service (Orders of the Ministry of Communications and Mass Media of Russia No. 59 of May 16, 2006, No. February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), When the formation of a refusal to establish a local telephone connection;				line signal "Busy subscriber line or connecting lines"	provided/not provided
					Line signal "Called subscriber busy"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.167.	Other research (testing); methods of other research (testing) without specification					
1.168.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Information and Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	signal implementation control signals transmitted decimal code	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.168	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Implementation of control signals transmitted by decimal code; Other research (testing); methods of other research (testing) without specification					
1.169.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	signal implementation control signals transmitted multifrequency code "2 out of 6" using the "pulse shuttle" method	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.169	Ministry of Communications and Mass Media of Russia 16.05.2006 No. 59, dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Implementation of control signals transmitted by a multi-frequency code "2 out of 6" by the "pulse shuttle" method; Other					

N Item	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.169.	research (testing); methods of other research (testing) without specification					
1.170	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008, No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Automatic call non-priority (14)	provided/not provided
					Automatic priority call (11)	provided/not provided
					Semi-automatic priority call (15)	provided/not provided
					Request to repeat a signal received with distortion (13)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.170	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Direct direction signals (signal A) transmitted by the "pulse shuttle"; Other research (testing); methods of other research (testing) without specification				Number of called 1O)	provided/not provided (1-
					Confirmation of receipt return signals direction: 4, 5, 8, 9, 10 (12)	provided/not provided of
1.171.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network	Communication equipment; Communication devices that perform the function of switching systems;	26.30;26.30.11.11O	8517	Request for information on type call type and service priority category (11)	provided/not provided
					End of connection establishment (4)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.171.	use (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Reverse direction signals (signal B) transmitted by the "pulse shuttle" method; Other				No free Routes (overload) (7)	ensured/not ensured
					Transmit the number of the called subscriber in a decimal manner, starting with the first digit without interrupting the established connection (8)	Provided/Not provided
					Transmit the first digit in frequency mode (**1)**	provided/not provided
					Transmit the next and then the remaining digits of the called subscriber's number in decimal mode (9)	provided/not provided
					Transmit the next digit using the frequency method (2)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.171.	research (testing); methods of other research (testing) without specification				Repeat information, Accepted with distortion (6)	provided/not provided
					Repeat the last digit transmitted and then the remaining digits of the called party's number in decimal form (1O)	provided/not provided
					Repeat the last digit transmitted in frequency mode (3)	provided/not provided
					Disconnection of the connection being established (5)	provided/not provided
1.172.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for interstation system parameters	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Implementation of control signals control signals transmitted multiple frequency code "2 out of 6" method "non-interval package"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.172.	alarm network telephone network (orders of the Ministry of Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Implementation of control signals transmitted					

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.172.	multifrequency code "2 out of 6" using the "interval-free packet"; Other research (testing); methods of other research (testing) without specification					
1.173.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Information and Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Calling category Kaon (**1** - 10)	provided/not provided
					Calling subscriber number (**1 -** 10)	provided/not provided
					Service signals: start and end of packet (13)	provided/not provided
					Repeat of character (14)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.173.	29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Direct direction signals transmitted by the "interval-free packet"; Other research (testing); methods of other research (testing) without specification					
1.174.	Program and methodology for type conformity testing, approved by the IC SPbGUT 10.01.2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Caller ID request: Linear "Caller ID request" signal in in combination with a 500 Hz frequency signal	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.174.	Interstation alarm network telephone network use (orders of the Ministry of Information and Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated September 15, 2015 No. 346), Reverse Signals					

	Reverse direction signals,			

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.174.	Transmitted by "interval-free packet"; Other studies (tests); Methods of other studies (tests) without specification					
1.175.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Calling category Subscriber Kaon (1 1O)	provided/not provided
					Code for selecting a long-distance and international operator when selecting for each call (**1** 1O)	provided/not provided
					End of recruitment (**11)**	provided/not provided
					Called subscriber number (1 10)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.175.	05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Implementation of control signals transmitted by a multi-frequency code "2 out of 6" using the "pulse packet" method; direct direction; Other research (testing); methods of other research (testing) without specification				Caller ID (1 1O)	provided/not provided
1.176.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with requirements for	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Request for information transfer (2)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.176.	parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Information and Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27 August 2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346),				Number accepted incorrectly (the communication node must establish a connection via another SL) (6)	provided/not provided
					Number accepted correctly **(11)**	Provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.176.	Implementation of control signals transmitted by a "2 out of 6" multi-frequency code using the "pulse packet" method; reverse direction; other research (testing); other research (testing) methods without specification					
1.177.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Information and Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Temporary delay from the end of signal transmission to the start of signal reception (using the "pulse shuttle" method: from 20 to 50 ms)	from **1** to I LLC (ms)
					duration of transmitted dual-frequency packets (using the "pulse shuttle" method: 50±3 ms)	from **1** to 1000 (ms)
					nonlinear distortion coefficient (no more than 5%)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic to be determined (Indicator)	Detection range
1.177.	21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. I 0.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Conditions for transmission using the "2 out of 6" multi-frequency code; Other research (testing); methods of other research (testing) without specifying				frequency deviation of a dual-frequency signal from the nominal value (no more than ±5%)	provided/not provided
					difference in transmission and removal time of one frequency of a dual-frequency signal relative to the other (no more than 1 ms)	from 0.1 to 100.0 (ms)
					difference in frequency levels in a dual-frequency signal (no more than 0.8 dB)	from minus 15 to 15 (dB)
					level of each frequency of a dual-frequency signal (minus 7.3±0.4 dBmO)	from minus 15 to 15 (dBm)
					residual current level of each signal frequency (in the absence of a signal, during signal transmission)	provided/not provided

N P/P	Documents establishing the rules and methods of research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.178	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009 No. 133, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	absolute power level of received frequency power of a two-frequency signal	from minus 70 to 10 (dBm)
					absolute interference level at a frequency of 3800 Hz or 3825 Hz (17.4 dB)	from minus 70 to 10 (dBm)
					absolute level of the third interfering frequency in the frequency band from 300 to 3400 Hz	from minus 70 to 10 (dBm)
					duration of two-frequency transmission (not less than 30 ms)	from I to 1000 (ms)
					duration of the signal interruption that does not cause interference with the receiver operation	from 0.1 to 100.0 (ms)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Scope of definition
1.178.	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Conditions for receiving dual-frequency signals with a multi-frequency code "2 out of 6"; Other studies (tests); methods of other studies (tests) without specification				deviation of each frequency of a dual-frequency signal from its nominal value	provided/not provided
					Difference in the levels of the two signal frequencies	from minus 15 to 15 (dB)
					noise level with a uniform energy spectrum in the frequency band from 300 to 3400 Hz (no more than 35.0 dBmO)	from minus 103 to 0 (dBm)
1.179.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	absolute level power of each frequency of a dual-frequency signal (10 dB below the minimum level)	from minus 70 to 10 (dBm)
					duration of the dual-frequency signal (less than 20 ms)	from **1** to 1000 (ms)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.179.	06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. I 0.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Conditions for non-acceptance of dual-frequency signals with a multi-frequency code "2 out of 6"; Other studies (tests); methods of other studies (tests) without specification				frequency deviation frequency signal from nominal value (more than ±65 Hz)	provided/not provided dual-
					difference in frequency levels of a dual-frequency signal (dBm) (more than 20 dB)	from minus 70 to 10

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.180	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Temporary parameters signal processing controls transmitted by the "pulse shuttle" method	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.180	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Temporary parameters for processing control signals transmitted by the "pulse shuttle" method; Other research (testing); methods of other research (testing) without specification					
1.181.	The program and methodology for type conformity testing were approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	interaction with decade decade or coordinate communication nodes via ZSL and SLM, coordination of 2VSK and ISUP R signaling systems	provided/not provided
					interaction with transit communication nodes when establishing intra-zone, long-distance, and international telephone communication using	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.181.	19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Approval of 2VSK and ISUP-R signaling systems; Other research (testing); Methods of other research (testing) without specifying				signaling system OKS No. 7	
					Interaction with local telephone communication nodes via SL using 2VSK signaling and OKS No. 7	provided/not provided
					Compliance of signals in the 2BCK/ISUP direction when interacting at the ZSL level	provided/not provided
					Compliance of signals in the ISUP/2BCK direction when interacting at the SLM level	provided/not provided
					Signal compatibility during interaction at the SL level (in the direction: 2BCK/ISUP, ISUP/2BCK)	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.182.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	access to emergency and reference and information services	provided/not provided
					function of coordinating signaling methods	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.182.	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Interaction with existing network communication nodes when using 2VSK signaling; Other research (testing); methods of other research (testing) without specification					
1.183.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 9. Methodology for verifying compliance with the requirements for the parameters of interstation signaling systems of the public telephone network (orders of the Ministry of Information and Communications of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 27.08.2007 No. 101, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	subscriber line release terminal node line connection after the subscriber hangs up (for local telephone calls and outgoing calls to the transit communication node) regardless of the status of the subscriber line of another subscriber participating in the connection	provided/not provided for

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.183.	19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 29.04.2008 No. 51, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346), Talk channel release; Other research (testing); Methods of other research (testing) without specification				release of voice channel of the line in the idle state during local and outgoing long-distance calls at the end of the exposure time	provided/not provided
					release of the speech channel and the called subscriber's line for SLM connections	provided/not provided
					Receipt of disconnection signal and release of the speech channel at all stages of connection establishment	provided/not provided
					operation of the one-way talk path release system	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.184	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 10. Methodology for verifying compliance with equipment parameters automatic determination category and subscriber number of the terminal (user) equipment of the calling subscriber (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 12.01.2009 No. **l**, dated 12.12.2011 No. 340), Interaction with communication nodes for 2VSK signaling; Other research (tests); methods of other research (testing) without specification	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.11O	8517	Interaction with nodes signaling connections 2VSK	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.185.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 10. Methodology for verifying Compliance with equipment parameters automatic determination category and subscriber terminal number (user) equipment calling the subscriber (orders Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, orders Ministry of Communications of Russia dated 12.01.2009 No. l, dated 12.12.2011 No. 340), Formation of information; Other research (testing); methods of other research (testing) without specification	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	information transfer on request (Caller ID request) in subscriber lines in case of service subscription "Number identification calling subscriber"	provided/not provided
					transmission of information upon request (Caller ID request) to AMTS, to other communication nodes	provided/not provided
					transmission of information upon request (Caller ID request) to emergency, operational, reference and information services	provided/not provided
					formation of information about the caller ID category and subscriber number of the terminal (user) equipment of the calling subscriber	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.186	Program and methodology testing confirmation type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 10. Methodology for checking fulfilling the requirements for equipment parameters automatic category determination of the category and subscriber terminal number (user) equipment of the calling (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, orders Ministry of Communications of Russia dated 12.01.2009 No. 1, dated 12.12.2011 No. 340), For outgoing telephone communication; Other research (testing); other research (testing) methods without specification	Equipment communication; Communication devices, performing the function switching systems;	26.30;26.30.11.110	8517	reception capability multiple request Caller ID, (hereinafter transmission is carried out of the line signal "Removal Caller ID request" before each subsequent request)	provided/not provided
					the ability to accept Caller ID requests in the pre-answer state of the voice channel during a call or immediately after the called subscriber answers	provided/not provided
					transfer of caller ID information	provided/not provided
					receipt and processing of an AON request, which is a combination of a linear signal "AON request/response" (corresponds to the line signal "Response") and a frequency 500 Hz	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.187	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 10. Verification method compliance with requirements for equipment parameters automatic identification category and subscriber number of the terminal (user) equipment of the calling subscriber (orders of the Ministry of 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, orders Ministry of Communications of 12.01.2009 No. 1, dated No. 340), Incoming telephone communication; Other research (testing); Methods of other research (testing) without clarification	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.11О	8517	output under control subscriber specified Caller ID information, numbers called subscriber, date and time of call arrival at printer (display)	provided/not provided
					transmission of an AON request, which is a combination of a line signal "AON Request/Response" (coincides with the line signal "Response") and a 500 Hz frequency signal	provided/not provided
					conversion of Caller ID information received using the "interval-free packet" method into OKCN7 message information	provided/not provided
					reception and decoding of Caller ID information from other communication nodes	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.188	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 10. Verification method compliance with equipment parameters automatic determination category and subscriber terminal number (user) equipment of the calling subscriber (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 12.01.2009 No. **l,** dated 12.12.2011 No. 340), Conditions for receiving 500 GHz frequency signal reception and transmission of Caller ID information using the "interval-free packet" method; Other research (tests); methods of other research (testing) without specification	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	time exposure frequency response 500 GHz signal starting from recognition moment Linear signal "Request Caller ID" (420±20 ms)	provided/not provided
					time interval between the end of Caller ID information transmission and the opening of the voice channel (no more than 100 ms)	provided/not provided
					maximum time for disconnecting the calling subscriber's line from the speech path for the period of receiving 500 Hz and transmitting Caller ID information without breaking the subscriber loop and without the communication node responding to the opening of the subscriber loop in the terminal subscriber device (no more than 1 s, including the waiting time and reception of the 500 Hz request signal, the connection time, disconnection Caller ID information transmission devices, time	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.188.					Transmission of dual-frequency combinations of Caller ID information)	
					minimum interval between the "Caller ID request removed" line signal and the arrival of the next "Caller ID request" line signal (0.30±0.05 s)	provided/not provided
					Time of connection of the Caller ID information transmitter (immediately or with a delay of no more than 50 ms after registration of the 500 Hz frequency signal)	provided/not provided
					the moment of connection of the 500 Hz frequency signal receiver to the speech path (no later than 10 ms after recognition of the "Caller ID request" line signal)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.189	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 10. Verification method fulfillment of requirements for equipment parameters automatic determination category and subscriber terminal number (user) equipment of the calling (orders Ministry of Communications and Mass Media of Russia 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 12.01.2009 No. l, dated 12.12.2011 No. 340), Conditions for transmission a 500 GHz frequency signal: and receiving Caller ID information using the "interval-free package" method; Other studies (testing); methods of other research (testing) without specification	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.11O	8517	signal transmission delay 500 Gu after the start transmission of a linear signal "Caller ID request" (no more than 300±10 ms with the possibility reduction within the range of lOOto 150s)	provided/not provided
					maximum waiting time for the first dual-frequency Caller ID information combination after the start of transmission of the 500 Hz frequency signal (800±50 ms); if the first Caller ID information combination is not received, transmission of the 500 Hz signal is stopped	provided/not provided
					minimum number of dual-frequency parcels accepted within a package (10)	provided/not provided
					receiving Caller ID information simultaneously with the transmission of a 500 Hz frequency signal (this ensures the possibility of recognition one 8r more parcels	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.189.					AON information against a background of 500 Hz transmission)	
1.190.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 10. Verification methodology compliance with requirements for equipment parameters automatic determination category and subscriber number of the terminal (user) equipment of the calling (orders Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, from 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 12.01.2009 No. 1, dated 12.12.2011 No. 340), Conditions for triggering the receiver frequency request signal	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.110	8517	Recognition time (80±5 ms)	provided/not provided
					acceptable interruption signal (no more than 8 ms)	ensured/not ensured
					frequency deviation from the nominal value (not more than ±5 Hz)	provided/not provided
					signal level over a period of 80±5 ms (from minus 4.0 to minus 32.0 dBmO)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.190	500 Hz; Other research (testing); methods of other research (testing) without specification					
1.191	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 10. Methodology for verifying compliance with equipment parameters automatic determination category and subscriber terminal number (user) calling equipment the subscriber (orders Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 12.01.2009 No. 1, dated 12.12.2011 No. 340), Conditions for non-activation of the receiver frequency request signal	Equipment communication; Communication equipment, performing the function switching systems;	26.30; 26.30.11.110	8517	signal duration (not more than 65 ms)	provided/not provided
					frequency deviation from from the nominal value at signal level from minus 4.0 to minus 32.0 dB (±25 Hz and more)	ensured/not ensured
					signal level in the frequency range from 485 to 515 Hz, (minus 38.0 dBmO and less)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.191	500 Hz; Other research (testing); methods of other research (testing) without specification					
1.192	Program and methodology Confirmation tests type approval, approved by the SPbGUT IC 10.01.2017. Appendix 10. Test method compliance with equipment parameters automatic determination category and subscriber number of the terminal (user) equipment of the calling subscriber (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, orders Ministry of Communications of Russia dated 12.01.2009 No. 1, dated 12.12.2011 No. 340), Conditions for transmission of the frequency signal request 500 Hz; Other	Equipment communication Communication means, performing the function switching systems;	26.30; 26.30.11.110	8517	Transmission duration signal before receiving the first Caller ID information sign (from 110±10 to 800±50 ms)	provided/not provided
					signal transmission duration until the first Caller ID information character is received in the case of pulse signal transmission when recognizing Caller ID information against the background of 500 Hz frequency signal transmission (no more than 800±50 ms)	met/not met
					signal transmission duration before receiving the first Caller ID information character via satellite communication (1200 ms)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.192.	research (testing); other research (testing) methods without specification				nonlinear coefficient Distortions (no more than ±0.5 %)	provided/not provided
					Nominal values Frequency (500 Hz)	provided/not provided
					frequency deviation from nominal value (no more than ±0.5 %)	provided/not provided
					signal frequency level (minus 4.5±0.5 dBmO with the possibility of increasing to O dBmO in 1 dB	provided/not provided
1.193.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 10. Methodology for verifying compliance with the requirements for the parameters of automatic determination equipment	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Kaon: category (terminal) equipment of the calling subscriber or category of the terminal element of the communications network	provided/not provided user

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.193	the category and subscriber number of the terminal (user) equipment of the calling subscriber (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 12 December 2007 No. 148, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 12.01.2009 No. **1,** dated 12.12.2011 No. 340), Composition of the AON codogram; Other studies (tests); methods of other studies (tests) without specification				a: first digit of the node code connection	provided/not provided
					B: second digit of the communication node code	provided/not provided
					c: third digit of the communication node code (prefix)	provided/not provided
					D: tens digit of the calling subscriber's number	provided/not provided
					E: units digit of the calling subscriber's number	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	kodokp 2	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.193					**N:** service combination "beginning and end of packet" (frequency combination number 13)	provided/not provided
					C: hundreds digit of the calling subscriber's number	provided/not provided
					T: thousands digit of the calling subscriber's number	provided/not provided
1.194	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 10. Methodology for verifying compliance with the requirements for the parameters of equipment for automatic determination of the category and subscriber number of the terminal (user) equipment of the calling subscriber (orders of the Ministry of Communications of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	duration of each two-frequency combination (40±1 ms)	provided/not provided
					replacement with frequency combination 14 ("repeat of the digit") of each even digit (digit) from adjacent equal digits (digits) of the non-inverted sequence of the number and category at	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.194.	11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 12.01.2009 No. 1, dated 12.12.2011 No. 340), Formation of Caller ID code; Other research (testing); methods of other research (testing) without specifying				sequential transmission two or more identical digits	
					number of two-frequency combinations to be transmitted in a packet (13)	provided/not provided
					transmission of two-frequency combinations without separating pauses between them	provided/not provided
					reception of Caller ID frequency combinations from any digit	provided/not provided
1.195.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 10. Methodology for verifying compliance with the requirements for the parameters of automatic identification equipment	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	only one service combination "beginning and end of packet" among the first nine accepted combinations	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.195	Categories and subscriber numbers of terminal (user) equipment of the calling subscriber (Orders of the Ministry of Communications of Russia No. 106 dated 11.09.2007, No. 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 12 December 2007 No. 148, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 12.01.2009 No. 1, dated 12.12.2011 No. 340), Compliance of the accepted information with the following criteria; Other studies (tests); methods of other studies (tests) without specification				absence in the incoming information intervals longer than 35 ms	ensured/not ensured
					the attempt to determine the number is considered unsuccessful and is terminated if no dual-frequency combination was received during the transmission of the frequency request	provided/not provided
					if any of the criteria are violated, as well as in cases where the interruption of information reception exceeds 35 ms, the received information is considered erroneous and the reception process is terminated	provided/not provided
					Duration of the two-frequency combination FROM 30 TO 135 MS	provided/not provided

N P/P	Documents establishing the rules and methods of research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.195.					matching at least between the first and tenth (second and eleventh) parcels out of the total number of received coded parcels of Caller ID information	ensured/not ensured
					correspondence of each combination with the "2 out of 5" code	ensured/not ensured
1.196.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 10. Methodology for verifying compliance with the requirements for the parameters of equipment for automatic determination of the category and subscriber number of the terminal (user) equipment of the calling subscriber (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	ability to repeat ID request and reception information	ensured/not ensured Caller

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.196.	12.12.2007 No. 148, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 12.01.2009 No. **1,** dated 12.12.2011 No. 340), the possibility of repeated Caller ID requests and reception of Caller ID information; other research (testing); methods of other research (testing) without specification					
1.197.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 11. Methodology for verifying compliance with the requirements for the interface parameters of the equipment under test with physical two-wire subscriber lines (orders of the Ministry of Information and Communications of Russia dated 11.09.2007 No. 106, No. 44 dated April 21, 2008, 21.04.2008 No. 46, dated 12 December 2007 No. 148, 29.04.2008 No. 51, dated 11 December 2006 No. 166, 06.12.2007 No. 144, dated	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	pulse duration (100±10 ms)	from I to 1000 (ms)
					power of call signal with frequency 25±2 Hz: not less than 220 mVA	provided/not provided
					Polarity of AL wires at all stages of connection, except for calls requiring polarity reversal: minus on wire "a"; plus on wire "b"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.197.	24.08.2006 No. 113, dated 1O.O1.2007 No. 1, dated 06.06.2007 No. 60, dated August 24, 2006 No. 112, dated 24 May 2007 No. 56, dated December 7, 2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. 11), Interface to terminal equipment of the public telephone network (FXS, Stf-2); Other research (testing); methods of other research (testing) without specification				DC voltage of the telephone set with an open loop (from 20 to 72 V)	from 0.5 to 100.0 (V)
					power supply current of the telephone set in talk mode (from 18 to 70 mA)	from 0.5 to 70.0 (mA)
					Signal level of the billing pulse at the communication node output with a full electrical load resistance module of 160±20 Ω (0±1 dBn)	from minus 65 to 15 (dBn)
					taxation pulse fill frequency (16.00±0.04 kHz)	from 3 to 300 (kHz)
					taxation pulse repetition frequency (no more than 5 pulses/s)	from 1 to 100 (pulses/s)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.198	Program and methodology confirmation tests type conformity, Approved by the Information 10.01.2017. Appendix 11. Methodology for testing compliance with requirements interface parameters of the equipment under test with physical two-wire subscriber lines (orders of the Ministry of of Russia dated 11.09.2007 No. No. 44 dated April 21, 2008, 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.06.2007 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders Ministry of Communications of 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated No. 47, dated 12.12.2011 No.	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video Equipment communication; Communication means, performing the function of switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	introduced attenuation in frequency range from 300 to 3400 Hz (no more than 0.4 if terminal equipment is included in communication line sequentially with another terminal equipment	provided/not provided
					introduced attenuation at frequencies of 25 and 50 Hz at a load resistance of 4 kΩ (not more than 0.4 dB), if the terminal equipment is connected to the communication line in series with other terminal equipment	provided/not provided
					DC input resistance in call waiting mode at a supply voltage of 60 V (not less than 200 kΩ)	from 2 to 100000000 (ohms)
					AC input impedance module in call mode call mode (at a frequency of 25 Hz (not less than 4 kOhm); at a frequency of 50 Hz (not less than 3 kOhm))	from 2 to 100000000 (ohms)

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.198.	15.09.2015 No. 346, dated 27.01.2009 No. **11),** Terminal equipment interface to the public telephone network (FXO, Stf-1); Other research (testing); Methods of other research (testing) without specification				input module resistance to alternating current in call waiting mode at a frequency of 1000 Hz (not less than 10 kOhm)	from 2 to 100000000 (ohms)
					DC component of input current when sending a call signal	from 0.5 to 70.0 (mA)
					maximum call signal voltage 230 V (total for variable (amplitude value) and constant components) for 1 minute without disruption of operation	from 0.**1** to 750.0 (V)
					reception of a sinusoidal call signal with a frequency of 25 and 50 Hz with an effective voltage value of up to **11**0 V	provided/not provided
					activation of the call signal receiver at an effective value of the call signal voltage of a sinusoidal waveform within 20±5 **V**	from 0.5 to 100.0 (V)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.198					Station loop current in conversation mode	from 0.5 to 70.0 (mA)
					Sensitivity of terminal equipment to a sinusoidal call signal (no more than 100 mA)	provided/not provided
					electrical resistance to direct current in pulse dialing mode (when the loop is closed and the supply current is 35 mA (no more than 300 Ω); when the loop is open and the supply voltage is 60 V (no less than 100 kΩ))	from 2 to 100,000,000 (ohms)
					electrical resistance to direct current introduced into the communication line loop (no more than 50 ohms) if the terminal equipment is connected to the communication line in series with other terminal equipment	from 2 to 100,000,000 (ohms)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.199	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 11. Methodology for testing compliance with requirements for interface parameters of the equipment being tested with physical two-wire subscriber lines (orders of the Ministry of Information and Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, from 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication equipment; Communication equipment, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	working capacity: no more than 0.5 μF	provided/not provided
					self-attenuation of AL at a frequency of 1000 Hz (not more than 5.0 dB for cable with core diameter 0.32 mm; not more than 6.0 dB for cable with with a core diameter of 0.40; 0.50; 0.64; 0.7 mm)	from minus 20 to 60 (dB)
					cable conductor resistance to direct current (no more than 1200 ohms or 2x600 ohms)	from 2 to 100,000,000 (ohms)
					insulation resistance between wires or between each wire and ground (not less than 20 kΩ)	from O, **1** to 10000 (MΩ)

	No. 47, dated 12.12.2011 No. 340, dated					

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.199	15.09.2015 No. 346, dated 27.01.2009 No. **11),** Parameters of analog subscriber lines; Other studies (tests); Methods of other studies (tests) without specification					
1.200.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 11. Methodology for verifying compliance with the interface parameters of the equipment under test with physical two-wire subscriber lines (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, No. 44 dated April 21, 2008, 21.04.2008 No. 46, dated 12 December 2007 No. 148, 29.04.2008 No. 51, dated 11 December 2006 No. 166, December 6, 2007, No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 24.05.2007 No. 56, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	input resistance at 60 V supply voltage (not less than 100 kΩ)	from 3 to 3000 (ohms)
					Permissible call signal voltage limits (from 35 to **11** V rms)	from 0.1 to 750.0 (V)
					Permissible call signal frequency limits (from 16 to 55 GHz)	from 0.001 to 200000000.000 (Hz)
					AC input impedance module in call mode (at a frequency of 25 Hz (from 4 to 20 kΩ); at a frequency of 50	from 3 to 3000 (Ohm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD2 CODE	TN VED EAEU CODE	Defined characteristic (indicator)	Determination range
1.200	07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 2) .12.2006 No. 176, FROM 2 \ .04.2008 No. 45, OT 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, OT 12.12.2011 No. 340, OT 15.09.2015 No. 346, dated 27.01.2009 No. **11),** Station termination of a two-wire telephone channel; Other research (testing); methods of other research (testing) without specification				Hz (from 3 to 20 kOhm))	
					AC input impedance module in standby mode at a frequency of 1000 Hz (not less than 2 kΩ)	from 3 to 3000 (ohms)
					AC input resistance module in billing signal reception mode at a frequency of 16 kHz (from 0.16 to 4 kOhm)	from 3 to 3000 (ohms)
					no short circuit in the subscriber line loop in the event of a power failure	provided/not provided
					Constant component of input current when sending a call signal with a voltage of 110 V rms (no more than 4 mA)	from 0.5 to 70.0 (mA)

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.200.					Station loop current in talk mode and when dialing (from 22 to 70 mA)	from 0.5 to 70.0 (mA)
1.201.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 11. Methodology for testing compliance with requirements for interface parameters of the equipment under test with physical two-wire subscriber lines (Orders of the Ministry of Communications of 11.09.2007 No. 106, No. 44 dated 21.04.2008, 21.04.2008 No. 46, dated 12 December 2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Communication devices, performing the function switching systems;	26.30;26.30.2;26.30.11.110	8517	duration of pause between two series of pulses: from 180 to 1100 ms	from I to 1000 (ms)
					permissible leakage current in call waiting mode and during dialing pauses (not less than 3 mA)	from 0.5 to 70.0 (mA)
					pulse coefficient (ratio of the duration of opening to the duration of closing): from 1.3 to 1.9	provided/not provided
					constant voltage supply to the telephone set with an open loop (from 20 to 72 V)	from 0.5 to 100.0 (V)

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.201.	21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11)**, Subscriber termination of a two-wire telephone channel; Other research (testing); methods of other research (testing) without specification				open circuit detection chains during a call or when dialing a number for a period of 30 to 130 ms as a calibrated loop disconnection signal for ordering additional types of service	provided/not provided
					recognition of the disconnection of the terminal equipment connection circuit during a call or dialing for a period exceeding 400 ms as a subscriber hang-up	provided/not provided
					dialing speed: from 7.5 to 12.5 pulses/s	from I to 100 (imp/s)
					telephone power supply current in conversation mode (from **18** to 70 mA)	from 0.5 to 70.0 (mA)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.202	Program and methodology confirmation tests type conformity, Approved by IC SPbGUT 10.01.2017. Appendix 12. Methodology for testing meeting the requirements for transmission parameters (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, from 21.04.2008 No. 44, from 21.04.2008 No. 46, from 12.12.2007 No. 148, from 29.04.2008 No. 51, from 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 24.08.2006 No. 112, dated 24.08.2006 No. 113, dated 29.08.2005 No. 102, orders Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated January 27, 2009, No. 11), Transmission parameters of a transmission parameters; Other research (tests); methods of other research (testing) without specification	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communications Ministry; Communication equipment, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	amplitude characteristic with analog interface lines and interface digital connection lines (±1.6 dB for input level range from minus 55 to minus 50 dBm; ±0.6 dB for the input level from minus 50 to minus 40 dBm; ±0.3 dB for the input range level from minus 40 to + 3.0 dBm)	from minus 20 to 60 (dB)
					amplitude-frequency characteristic between the analog line interface and the digital connection line interface (from minus 0.3 to +1.0 dB for frequencies from 0.3 to 0.4 kHz; from minus 0.3 to +0.75 dB for frequencies from 0.4 to 0.6 kHz; from minus 0.3 to +0.35 dB for frequencies from 0.6 to 2.4 kHz; FROM MINUS 0.3 TO +0.55 dB for frequencies from 2.4 to 3.0 kHz; FROM minus 0.3 TO +0.50 dB for frequencies from 3.0 to 3.4 kHz)	from minus 20 to 60 (dB)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.202.					Balance attenuation of the differential system when the analog input of the interface (Z or C) is loaded with a nominal complex impedance (not less than 20 dB in the frequency range from 0.5 to 2.5 kHz; not less than 16 dB in the frequency ranges from 0.3 to 0.5 kHz and from 2.5 to 3.4 kHz)	from minus 20 to 60 (dB)
					group propagation delay (less than 3000 µs between analog interfaces Z or C; less than 1950 µs between analog interface Z or C and digital connecting line interface; less than 900 µs between digital link interfaces; less than 2400 µs between base and primary access digital interfaces)	from 0.3 to 10.0 (ms)
					attenuation of asymmetry relative to "ground" not less than 40 dB in the frequency range from 300 to 600 Hz and not less than 46 dB in	from minus 20 to 60 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD2 CODE	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.202.					frequencies from 600 to 3400 Hz)	
					Mismatch attenuation (not less than 14 dB in the ranges from 300 to 500 Hz and from 2000 to 3400 Hz; not less than 18 dB in the range from 500 to 2000 Hz)	from minus 20 to 60 (dB)
					group propagation delay (no more than 900 μs for frequencies from 0.5 to 0.6 kHz; no more than 450 μs for frequencies from 0.6 to 1.0 kHz; no more than 150 μs for frequencies from 1.0 to 2.6 kHz; no more than 750 μs for frequencies from 2.6 to 2.8 kHz)	from 0.3 to 10.0 (ms)
					signal-to-total distortion ratio (not less than +35.0 dB at a signal level from 0 to minus 20 dBm; not less than +32.9 dB at a signal level from minus 20 to minus 30 dBm; not less than +24.9 dB at a level signal from minus 30 to	from minus 20 to 60 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.202.					minus 40 dBm; not less than +19.9 dB at a signal level from minus 40 to minus 45 dBm)	
					Operating transmission attenuation (from digital interface (to analog interface Z or C: 7 dB, to digital interface: 0 dB); from analog interface Z or C (to digital interface: 0 dB, to analog interface Z or C: 7 dB))	from minus 20 to 60 (dB)
					Out-of-band interference level at the connection output when a sinusoidal signal in the frequency band from 0.3 to 3.4 kHz and with a level of 0 dBmO (less than minus 25 dBmO) is applied to the digital input	from minus 90 to minus I O (dBmO)
					level of any simulated frequency occurring at the connection output when any sinusoidal signal in the range from 4.6 to 72 kHz is applied to the analog input with a level of minus 25 dBmO (at	from minus 90 to minus I O (dBmO)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.202.					25 dB below the interference level)	
					Level of interference at the output of the connection when a sinusoidal signal with a frequency of 1020 Hz and a level of O dBmO (not exceeding minus 70 dBmO at the near end and minus 73 dBmO at the far end) is applied to the digital input of another connection	FROM minus 90 TO MINUS 10 (dBmO)
					noise level (not more than minus 66.9 dBm at the analog output of the connection with the Z or C interface; not more than minus 64.0 dBm at the analog input of the	from minus 90 to minus I O (dBm)
1.203.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 12. Methodology for verifying compliance with requirements for	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment	26.30;26.30.2;26.30;26 .30.11.110	8517	amplitude characteristic of a two-wire, (dB) four-wire channel at a frequency of 1020 Hz (±1.6 dB for levels from minus 55 to minus 50 dBmO; ±0.6 dB for levels from minus 50 to	from minus 20 to 20

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.203.	transmission parameters (Orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, No. 44 dated April 21, 2008, 21.04.2008 No. 46, dated 148 dated December 12, 2007, 29.04.2008 No. 51, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 24.08.2006 No. 112, dated 24.08.2006 No. 113, dated 29.08.2005 No. 102, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated January 27, 2009 No. 11), Interface to tone frequency channels; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices that perform the function of switching systems;			minus 40 dBmO; ±0.3 dB for levels from minus 40 to 3 dBmO)	
					amplitude characteristic of a two-wire telephone channel at a frequency of 1020 Hz (±3.0 dB for levels from minus 55 to minus 50 dBmO; ±1.0 dB for levels from minus 50 to minus 40 dBmO; ±0.5 dB for levels from minus 40 to 3 dBmO)	from minus 20 to 20 (dB)
					Amplitude characteristic of a four-wire telephone channel at a frequency of 1020 Hz (±3.0 dB for levels from minus 55 to minus 50 dBmO; ±1.0 dB for levels from minus 50 to minus 40 dBmO; ±0.5 dB for levels from minus 40 to 3 dBmO)	from minus 20 to 20 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.203.					Amplitude-frequency distortion of residual attenuation of two-four-wire channel relative to a frequency of 1020 Hz (from minus 0.3 to 1.0 dB at frequencies from 300 to 400 Hz; from minus 0.3 to 0.75 dB at frequencies from 400 to 600 Hz; from minus 0.3 to 0.35 dB at frequencies from 600 to 2400 Hz; from minus 0.3 to 0.55 dB at frequencies from 2400 to 3000 Hz; from minus 0.3 to 1.5 dB at frequencies from 3000 to 3400 Hz)	from minus 20 to 20 (dB)
					amplitude-frequency distortion of residual attenuation of a two-wire telephone channel relative to a frequency of 1020 Hz (from minus 0.5 to 0.5 dB at frequencies from 300 to 400 Hz; from minus 0.5 to 0.5 dB at frequencies from 400 to 600 Hz; from minus 0.5 to 0.6 dB at frequencies from 600 to 2400 Hz; from minus 0.5 to 0.9 dB at frequencies from 2400 to 3000 Hz; from minus 0.5 to 1.8 dB at frequencies from 3000 to	from minus 20 to 20 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.203.					Amplitude-frequency distortion of the residual attenuation of a two-wire telephone channel relative to a frequency of 1020 Hz (from minus 0.5 to 2.0 dB at frequencies from 300 to 400 Hz; from minus 0.5 to 1.5 dB at frequencies from 400 to 600 Hz; from minus 0.5 to 0.7 dB at frequencies from 600 to 2400 Hz; from minus 0.5 to 1.1 dB at frequencies from 2400 to 3000 Hz; from minus 0.5 to 3.0 dB at frequencies from 3000 to 3400 Hz)	from minus 20 to 20 (dB)
					balance attenuation of two-wire termination of two-wire and four-wire channels (not less than 16 dB in the frequency band from 300 to 500 Hz; not less than 20 dB in the frequency band from 500 to 2500 Hz; not less than 16 dB in the frequency band from 2500 to 3400 Hz)	from minus 20 to 60 (dB)
					Balance attenuation of a two-wire termination of a two-wire telephone channel (not less than 13 dB in the frequency band	from minus 20 to 60 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD2 CODE	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.203.					18 dB in the frequency band from 500 to 2500 Hz; not less than 14 dB in the frequency band from 2500 to 3400 Hz)	
					weighted noise in unoccupied dual, four-wire channel at the channel input (not more than: minus 64.5 dBmOp for equipment with alarm on the voice channel; minus 66.0 dBmOp for equipment with alarm on dedicated channel)	OT minus 90 TO MINUS] 0 (dBmOp)
					weighted noise in unoccupied dual-band, four-wire channel at the channel output (not more than: minus 68.8 dBmOp for equipment with alarm on voice channel; minus 75.0 dBmOp for equipment with alarm on dedicated channel)	FROM MINUS 90 TO MINUS 10 (dBmOp)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.203.					Weighted noise in unoccupied two-wire telephone channel (no more than minus 65 dBmOp)	from minus 90 to minus 10 dBmOp
					weighted noise in an unoccupied four-wire telephone channel (not more than minus 65 dBmOp)	FROM minus 90 TO MINUS 10 (dBmOp)
					group delay time of a two-wire or four-wire channel (no more than 0.9 ms at frequencies from 500 Hz to 600 Hz; no more than 0.45 ms at frequencies from 600 Hz to 1000 Hz; no more than 0.15 ms at frequencies from 1000 Hz to 2600 Hz; no more than 0.75 ms at frequencies from 2600 Hz to 2800 Hz)	from 0.1 to 10.0 (ms)
					group delay time of a two-wire telephone channel (no more than 1.8 ms at frequencies from 500 Hz to 600 Hz; no more than 0.9 ms at frequencies from 600 Hz to 1000 Hz; no more than 0.3 ms at frequencies from 1000 Hz to 2600 Hz; no more than 1.5 ms	0.1 to 10.0 (ms)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD2 CODE	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.203.					Frequencies from 2600 Hz to 2800 Hz)	
					Group delay time of a four-wire telephone channel (no more than 1.5 ms at frequencies from 500 Hz to 600 Hz; no more than 0.75 ms at frequencies from 600 Hz to 1000 Hz; no more than 0.25 ms at frequencies from 1000 Hz to 2600 Hz; no more than 1.5 ms at frequencies from 2600 Hz to 2800 Hz)	from 0.1 to 10.0 (ms)
					attenuation of asymmetry of two- , four-wire channel asymmetry (not less than 40 dB in the frequency band from 300 to 600 Hz; not less than 46 dB in the frequency band from 600 to 3400 Hz)	from minus 20 to 60 (dB)
					Attenuation of asymmetry in a two-wire telephone channel (more than 40 dB in the frequency band from 300 to 600 Hz; more than 46 dB in the frequency band from 600 frequency band from 2400 to	from minus 20 to 60 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD2 CODE	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.203					3400 Hz	
					attenuation of asymmetry of a four-wire telephone channel (more than 46 dB in the frequency band from 300 to 2400 Hz; more than 41 dB in the frequency band from 2400 to 3400 Hz)	from minus 20 to 60 (dB)
					reflection attenuation relative to nominal impedance (four-wire telephone channel (more than 20 dB); two-wire telephone channel (more than 12 dB in the frequency band from 300 to 600 Hz; more than 15 dB in the frequency band from 600 to 3400 Hz); two-wire and four-wire channels (more than 12 dB in the frequency band from 300 to 600 Hz; more than 15 dB in the frequency band from 600 to 3400 Hz)	from minus 20 to 60 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.203.					Nominal residual attenuation of a two-wire telephone channel at a frequency of 1020 Hz (4± 1 dB)	from minus 20 to 60 (dB)
					Nominal resistance (at the input (output) of a four-wire telephone channel (600 Ohm); two-wire termination of a two-wire telephone channel; two-wire termination of a two-wire or four-wire channel (600 Ohm))	from 3 to 3000 (ohms)
					nominal relative levels for two-wire and four-wire channels (at channel input: from minus 7.0 dB to 3.0 dB; at channel output from minus 8.0 dB to 1.0 dB)	from minus 70 to 10 (dBm)
					nominal relative levels at the input of a two-wire telephone channel (on the subscriber side: 0 dBm; on the station side side: from minus 4 to	from minus 70 to 10 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD2 CODE	EAEU HS CODE	Characteristic being determined (Indicator)	Determination range
1.203.					minus 2 dBm)	
					Nominal relative input levels of a four-wire telephone channel (from minus 13 to minus 16 dB)	from minus 70 to 10 (dBm)
					Nominal relative levels at the output of a four-wire telephone channel (from 4 to 7 dB)	from minus 70 to 10 (dBm)
					Deviation of residual attenuation of a two-wire telephone channel at a frequency of 1020 Hz: from the nominal value (no more than ±0.6 dB)	from minus 20 to 60 (dB)
					Deviation of residual attenuation of a four-wire telephone channel at a frequency of 1020 Hz: from the nominal value (no more than ±0.5 dB)	FROM minus 20 TO 60 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.203.					Suppression of out-of-band input signals in a two-wire telephone channel when a sinusoidal signal in the frequency band from 4.6 to 72 kHz is applied to the channel input the level of any combination frequency at the channel output is 25 dB below the test signal level	from minus 70 to minus 10 (dBmO)
					Suppression of out-of-band input signals in a four-wire telephone channel when a sinusoidal signal in the frequency range from 4.6 to 72 kHz is applied to the channel input. The level of any combination frequency at the channel output is 25 dB below the test signal level.	from minus 70 to minus 10 dBmO
					total distortion, including quantization distortion, measured for a sinusoidal signal in a two-wire or four-wire channel - ratio	from 0 to 60 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.203.					Signal/total distortion (not less than 24 dB at an input level of minus 45 dBmO; not less than 29 dB at an input level of minus 40 dBmO; not less than 35 dB at an input level of minus 30 dBmO; not less than 35 dB at an input level of minus 20 dBmO; not less than 35 dB at an input level of minus 10 dBmO; not less than 35 dB at an input level of 0 dBmO)	
					total distortion, including quantization distortion, measured for a sinusoidal signal in a two-wire telephone channel - signal-to-total distortion ratio (not less than 22 dB at an input level of minus 45 dBmO; not less than 27 dB at an input level of minus 40 dBmO; not less than 33 dB at an input level of minus 30 dBmO; not less than 33 dB at an input level of minus 20 dBmO; not less than 33 dB at an input level of minus 10 dBmO; not less than 33 dB at	from 0 to 60 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD2 CODE	EAEU HS CODE	Defined characteristic (Indicator)	Determination range
1.203.					Input level O dBmO)	
					Total distortion, including quantization distortion, measured for a sinusoidal signal in a four-wire telephone channel - signal-to-total distortion ratio (not less than 22 dB at an input level of minus 45 dBmO; not less than 27 dB at an input level of minus 40 dBmO; not less than 33 dB at an input level of minus 30 dBmO; not less than 33 dB at an input level of minus 20 dBmO; not less than 33 dB at an input level of minus I O dBmO; not less than 33 dB at an input level of O dBmO)	OT TO 60 (dB)
					level of intelligible transient interference (in adjacent four-wire telephone channels (not	from minus 90 to minus I O (dBmO)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD2 CODE	EAEU HS CODE	Defined characteristic (Indicator)	Determination range
1.203.					more than minus 65 dBmO), two-wire telephone channels (no more than minus 65 dBmO), two-wire and four-wire channels (no more than minus 70 dBmO); transition interference level measured on the four-wire reverse transmission port of the same channel (no more than minus 60 dBmO)	
					single-frequency interference level measured selectively in the frequency band from 300 to 3400 Hz (in an unoccupied four-wire telephone channel (not more than minus 50 dBmO); in an unoccupied two-wire telephone channel (not more than minus 50 dBmO); in an unoccupied two-wire or four-wire channel (not more than minus 50 dBmO)	FROM minus 70 TO MINUS 10 (dBmO)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.203.					level of parasitic in-band signals 10 (in four-wire telephone channel (no more than minus 40 dBmO); in a two-wire telephone channel (no more than minus 40 dBmO); in a two-wire or four-wire channel (no more than minus 40 dBmO))	from minus 70 to minus (dBmO)
					interference level from signaling (in four-wire) telephone channel (not more than minus 60 dBmOp); in a two-wire telephone channel (no more than minus 50 dBmOp); in a two-wire or four-wire channel (no more than minus 50 dBmOp))	FROM minus 70 TO MINUS 10 (dBmO
1.204.	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 13. Methodology for verifying compliance with the requirements for the physical layer (level 1) parameters of a four-wire basic access interface	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function	26.30;26.30.2;26.30;26.30.11.110	8517	pulse amplitude at a load of 50 ohms (750 mV± 10%)	from 0.01 to 10.00 (V)
					bus delay time (up to 14 µs for short passive bus; up to 42 µs for point-to-point configuration) point")	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.204.	(Orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, No. 44 dated April 21, 2008, 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11),** Reference points S and T; Other studies (tests); methods of other studies (tests) without specifying	switching systems;			input resistance of the receiver, output resistance in the inactive state or when transmitting a binary unit (not less than 250 ohms at a frequency of 2 kHz; not less than 2500 ohms in the frequency range from 20 to 106 kHz; not less than 265 ohms at a frequency of 1000 kHz)	from 10 to 10,000 (ohms)
					output resistance when transmitting binary zero: not less than 20 ohms	from 10 to 10,000 (ohms)
					Permissible values of longitudinal transition attenuation at the interface input and output (54 dB in the frequency range from 10 to 300 kHz; slope minus 20 dB/dec in the frequency range from 300 to 1000 kHz)	from minus 20 to 60 (dB)
					Line attenuation at 96 kHz in point-to-point mode (not less than 9 dB)	from minus 20 to 60 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Range of determination
1.204.						provided/not provided
					Number (of terminal sets in "point-to-point" mode: **1;** subscribers in "point-to-multipoint" mode: up to 8)	
					Line code (AMI, the transmission of a logical unit corresponds to the absence of a pulse, and the transmission of a logical zero corresponds to alternating pulses of positive and negative polarity)	provided/not provided
					maximum amplitude in the output signal phase oscillation range when using a first-order high-frequency filter with a cutoff frequency of 50 Hz: no more than 5% of the unit interval (UI)	provided/not provided
					maximum line length (in "point-to-point" mode: up to 1000 m; in "point-to-multipoint" mode: up to 150 m)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.204						provided/not provided
					Maximum permissible input phase drift and jitter that do not cause errors in information transmission (0.5 EI at a frequency of 5 Hz; slope minus 20 dB/dec at frequencies from 5 to 50 Hz; 0.05 EI at frequencies from 50 to 2000 Hz)	
					load resistance (100±5 Ω)	from 10 to 10,000 (ohms)
					transmission of a frame comprising a frame start bit, **B1** and B2 channel bits, D channel bits, and service bits (towards: a public communications network (at the interface with the telephone network) or terminal (user) equipment (at the interface with terminal equipment))	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.204					Activation procedure ensuring the transfer of equipment to operating mode	provided/not provided
					deactivation procedure ensuring the transfer of equipment to low power consumption mode	Provided/Not provided
					recognition of a frame including a frame start bit, **B1** and B2 channel bits, D channel bits, and service bits (received from: a public communications network (at the interface with the telephone network) or terminal (user) equipment (at the interface with terminal equipment))	provided/not provided
					transmission speed (total: 192 kbit/s; per 2B+D channel: 144 kbit/s; per **B1** and B2 channels: 64 kbit/s; per D channel: 16 kbit/s; cycle length: 48 bits (250	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.204.					μs	
					Compliance of transmitter output pulse shapes with the mask	provided/not provided
					pulse shape compliance with template	ensured/not ensured
					environment: 2 symmetrical pairs	provided/not provided
					formation and transmission of a linear quasi-triangular signal in AMI code (towards: public communication networks (at the interface with the telephone network) or terminal (user) equipment (at	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.204.					interface with terminal equipment))	
1.205.	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 14. Methodology for testing compliance with requirements for physical parameters level (level 1) two-wire interface basic access (commands Ministry of Communications of Russia from 11.09.2007 No. 106, dated 21.04.2008 No. 44, from 21.04.2008 No. 46, from 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communication Communication means, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	amplitude of the largest pulse at rated load (2.5 V± 5 %)	from 0.1 to 100.0 (V)
					acceptable values mean square values of the longitudinal constituting the output NT (minus 50 dBn in frequency range from 0.**1** to 170.0 kHz: minus 80 dBn in frequency range from 170 to 270 kHz)	ensured/not ensured
					asymmetry attenuation (linear from 25 to 45 dB at frequencies from 0.5 to 5 kHz; 45 dB at frequencies from 5 to 60 kHz; linear from 45 to 35 dB at frequencies from 60 to 190 kHz)	from minus 20 to 60 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.205.	Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11),** U interface; Other research (testing); methods of other research (testing) without specification				Line attenuation at a frequency of 40 kHz: 36 dB	from minus 20 to 60 (dB)
					attenuation relative to nominal value of 135 ohms (linear from 0 to 20 dB at frequencies from 1 to 10 kHz; 20 dB at frequencies from 10 to 25 kHz; linear from 20 to 0 dB at frequencies from 25 to 250 kHz)	from minus 20 to 60 (dB)
					maximum amplitude of output signal phase jitter (in swing: no more than 0.04 EI; when using a first-order high-pass filter with a cutoff frequency of 100 Hz: no more than 0.01 EI)	provided/not provided
					maximum permissible input phase drift and jitter that do not cause errors in information transmission (0.3 EI at frequencies from 0.**1** to 0.5 Hz;	provided/not provided
					slope minus 20 dB/dec at	

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.205.					frequencies from 0.5 to 19 Hz; 0.08 EU at frequencies from 19 to 20,000 Hz)	
					Signal power in the frequency band from 100 Hz to 80 kHz (from 13 to 14 dBm)	from minus 70 to 20 (dBm)
					Load resistance (135 Ω)	from 10 to 10,000 (ohms)
					simultaneous transmission in both directions over a single pair of wires (full duplex)	provided/not provided
					transmission of a frame including frame start bits, channel **B1** and B2 bits, channel D bits, and service bits (in the direction of: public communications network (on the interface with the telephone network) or terminal	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.205.					(user) equipment (at the interface with terminal equipment)	
					activation procedure ensuring the transition of equipment to operating mode	provided/not provided
					deactivation procedure that puts the equipment into low power consumption mode	provided/not provided
					frame recognition, including frame start bits, channel B1 and B2 bits, channel D bits, and service bits (received from: a public communications network (at the interface with the telephone network) or terminal (user) equipment (at the interface with terminal equipment))	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.205.					Transmission speed (digital signal 160 kbit/s; channel 2B+D: 144 kbit/s; channels B1 and B2: 64 kbit/s; channel D: 16 kbit/s; cycle length: 120 quadruple symbols (1.5 ms))	provided/not provided
					compliance of the transmitter output pulse shapes with the mask	ensured/not ensured
					Spectral signal power density (minus 30 dBm/Hz at frequencies below 50 kHz; minus 50 dBm/Hz at frequencies from 50 to 500 kHz; minus 80 dBm/Hz at frequencies above 500 kHz)	from minus 70 to 20 (dBm)
					medium: balanced pair	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.205.					Noise levels (10 μV/Hz)	from minus 103 to 0 (dBm)
					Formation and transmission level signal in 2BlQ code (towards: public communication networks (at the interface with the telephone network) or terminal (user) equipment (at the interface with terminal equipment))	provided/not provided four-
1.206.	Type conformity testing program and methodology, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 14. Methodology for verifying compliance with the requirements for the physical layer (level 1) parameters of a two-wire basic access interface (orders of the Ministry of Information and Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	output power provided/not provided on S/T interface (depending on mode: normal mode (power supply to four TEs): not less than 4500 mW; limited power mode (power supply to one TE): not less than 420 mW)	remote power supply

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.206.	12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11),** Functions (organization of 2B+D channels, remote power supply, half-duplex transmission, interaction signals, linear code); Other research (testing); methods of other research (testing) without specification				voltage Remote power supply NT (from 28 to 115 V)	from 1 to 1000 (V)
					voltage at S/T interface (from 34 to 42 V)	from 0.1 to 100.0 (V)
					NT power supply to TE via phantom circuit S/T interface (in two modes: normal mode: power supply to up to 4 TE (when NT is powered from 220 V mains); limited power mode - power supply to one TE (in an emergency situation when the 220 V mains is disconnected and the NT is remotely powered from the central station via the I-interface))	provided/not provided
					NT power supply remotely from the switching station via a phantom circuit through the U interface	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.207	Program and methodology confirmation tests type conformity, Approved by the SPbGUT Information Center 10.01.2017. Appendix 15. Methodology for testing compliance with requirements for physical parameters level (level 1) four-wire access interface to primary rate (commands Ministry of Communications of Russia from 11.09.2007 No. 106, from 21.04.2008 No. 44, from 21.04.2008 No. 46, from 12.12.2007 No. 148, dated 29.04.2008 No. 51, from 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communication; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	asymmetry attenuation output circuit at a frequency of **1** MHz: not less than 40 dB	from minus 20 to 60 (dB)
					attenuation input mismatch circuit relative to nominal 120 Ohm resistance (12 dB at frequencies from 51 to 102 kHz; 18 dB at frequencies from 102 to 2048 kHz; 14 dB at frequencies from 2048 to 3072 kHz)	from minus 20 to 60 (dB)
					attenuation of output circuit mismatch relative to nominal resistance 120 Ω (6 dB at frequencies from 51 to 102 kHz; 8 dB at frequencies from 102 to 3078 kHz)	from minus 20 to 60 (dB)
					maximum amplitude of output signal phase jitter in the range from 20 Hz to 100 kHz: **1.1** unit interval (UI)	from 0.1 TO 40.0 (UI)

	12.12.2011 No. 340, dated				

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU HS code	Determinable characteristic (indicator)	Determination range
1.207.	15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124); Other research (testing); methods of other research (testing) without specification				Maximum amplitude of output signal phase jitter in the range from 400 Hz to 100 kHz: 0.11 EI	from 0.**1** to 40.0 (EI)
					Nominal transmission speed: 2048 kbit/s	provided/not provided
					Nominal peak pulse voltage (3±0.3 V)	from 0.**1** to 100.0 (V)
					Nominal load resistance (120 Ω)	from 10 to 10000 (ohms)
					No input signal reception errors at maximum phase jitter (1.0 EI in the frequency range from 20 Hz to 3.6 kHz; 0.2 EI in the frequency range from 18 to 100 kHz; linear change from 1.5 to 0.2 EI	from 0.**1** to 40.0 (EI)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.207					in the range from 3.6 to 18 kHz)	
					Transmission of a frame including frame start bits, channel bits from B I to B30, channel D bits, service bits (towards: public communications network (at the interface with the telephone network) or towards terminal (user) equipment (at the interface with terminal equipment))	provided/not provided
					peak voltage of pause in the absence of a pulse (0±0.3 **V)**	from 0.1 to 100.0 (V)
					Frame recognition, including frame start bits, channel bits from **B1** to B30, channel D bits, service bits (received from: public communications network public communication network	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Detection range
1.207.					(at the interface with telephone network) or terminal (user) equipment (at the interface with terminal equipment)	
					pulse shape compliance with the template	ensured/not ensured
					ratio of positive and negative pulse amplitudes: from 0.95 to 1.05	ensured/not ensured
					ratio of positive to negative pulse durations: FROM 0.95 TO 1.05	provided/not provided
					environment: 2 symmetrical pairs	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.207					Signal formation and transmission in HDVZ code (towards: public communication networks (at the interface with the telephone network) or terminal (user) equipment (at the interface with terminal equipment))	Provided/Not provided
1.208	Program and methodology confirmation tests type conformity, Approved by the Information Center of St. Petersburg State University of Telecommunications 1O.O1.2017. Appendix 16. Methodology for testing compliance with requirements for link level parameters (orders Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication equipment; Communication means, performing the function switching systems;	26.30;26.3O.2;26.30;26.30.11.110	8517	access procedures to the link data via channel D (LAPD) at level 2	provided/not provided

21.04.2008 No. 45, dated				

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.208.	24.04.2008 No. 47, orders Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Procedures access procedures for the data link on channel D; Other research (tests); methods of other research (testing) without specification					
1.209.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	restoration normal operation	ensured/not ensured
					notification of control objects about errors that cannot be corrected by data link level means	provided/not provided
					provision of one or more data link connections in channel D	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.209.	24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** LARP functions; Other studies (tests); methods of other studies (tests) without specification				detection of errors when Transmission, operation, and errors in frame format	ensured/not ensured
					Frame boundary detection, alignment, and transparent frame transmission	provided/not provided
					frame transfer sequence control	provided/not provided
					flow control	provided/not provided
1.210.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	Means for transmitting information between several connection endpoints of a data link	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.210	Ministry of Communications and Mass Media of Russia 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11)**, Funds for information transfer information; Other research (testing); methods of other research (testing) without specification	Communication equipment, performing the function switching systems;				

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.211	Program and methodology confirmation tests type conformity, Approved by the SPbGUT Information Center 10.01.2017. Appendix 16. Methodology for testing compliance with requirements for data link level parameters (orders Ministry of Communications of Russia from 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. 11), The possibility of transmitting	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Communication equipment; Communication equipment, performing the function switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	in the "point-to-point" configuration multipoint" in a point-to-point configuration	provided/not provided provided/not provided

	information via					

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.211.	Data link connection; Other research (testing); Methods of other research (testing) without specification					
1.212	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 16. Methodology for testing compliance with requirements for link level parameters data (orders Ministry of Communications and Mass Media of Russia 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Communication equipment; Means of communication, performing the function switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	operating mode without confirmation	provided/not provided
					confirmation mode	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.212.	No. 47, dated 29.01.2009 No. 16, dated 12.12.20] **1** No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11)**, Two operating modes; Other research (testing); methods of other research (testing) without specification					
1.213.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 16. Communication testing compliance with requirements for link level parameters data (orders Ministry of Communications of 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated No. 56, dated 07.12.2006 No. 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video Communication equipment Communication equipment; Means of communication, performing the function switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	used for transmission information in configuration "point-to-point" point" or "point-to-point" multipoint"	provided/not provided
					transmission of level 3 information in frames of unnumbered information (UI) that do not require confirmation of receipt	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.213.	24.04.2008 No. 47, orders Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** In the mode work without confirmation; Other research (tests); methods of other research (testing) without specification					
1.214.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	used for transmission information in a point-to-point configuration	provided/not provided
					transmission of level 3 information in numbered information frames (1-frames) that require confirmation of receipt	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.214.	24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11),** In confirmation mode; Other studies (tests); methods of other studies (tests) without specifying				the procedure for repeated transmission of 1 frame upon detection of errors	ensured/not ensured
1.215.	Program and methodology for type conformity confirmation tests, approved by IC SPbGUT 1O.O1.2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	terminal identifier terminal point (TEI)	provided/not provided
					service access point identifier (SAPI)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.215.	21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 1 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Use for identifying a connection in a data link of a unique connection identifier level 2 (DLCI), which includes; Other research (tests); methods of other research (testing) without specification					

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.216	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 16. Methodology for testing compliance with requirements for data link level parameters (orders Ministry of Communications of Russia from 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11), Use for connection identification	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Communication equipment; Communication equipment, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	point identifier service access point (SAPI)	provided/not provided
					connection endpoint suffix (CES)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.216	between level 2 and level 3 or the control level of the unique identifier of the connection endpoint (CEI), which includes: Other research (testing); methods of other research (testing) without specification					
1.217	Program and methodology confirmation tests type conformity, Approved by the SPbGUT IC 10.01.2017. Appendix 16. Methodology for checking compliance with link level parameters data (communication orders Ministry of Communications of 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated No. 56, dated 07.12.2006 No. 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video Equipment communication; Means of communication, performing the function switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	use for work in mode without type approval B format and single-octet control	provided/not provided
					use of format A for frames that do not contain an information field (Flag; Address (high-order octet); Address (low-order octet); Control; Control; Frame verification sequence (first octet); Frame verification sequence (second octet); Flag)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.217.	24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11),** Level 2 information transfer in frames; frame format; Other studies (tests); methods of other studies (tests) without specifying				use of format B frames containing information field (Flag; Address (high-order octet); Address (low-order octet); Control; Control; Information; Frame check sequence (first octet); Frame check sequence (second octet); Flag)	provided/not provided for
1.218.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (Orders of the Ministry of Communications and Mass Media of Russia No. 106 of 11.09.2007, No. 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	C/R: command/response bit	provided/not provided
					EA: address field extension bit	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.218	06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated December 7, 2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11),** Format address field; fields; Other studies (tests); methods of other studies (tests) without specification				SAPI: point identifier provided	service access provided/not
					TEI: identifier terminal endpoint	provided/not provided
1.219.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	transmission of unnumbered control (U format) used to provide additional data link control functions and transmit unnumbered information	information and functions

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.219.	21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated **I** 1.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Support for three control field formats; Other research (testing); methods of other research (testing) without specification				transmission of numbered Information (1 format) used to transfer information between level 3 objects	provided/not provided
					Fields (N(S): serial number on transmission; N(R): serial number on reception; S: observation function bit; M: change function bit; P/F: vote bit (P) in command, end bit (F) in response)	provided/not provided
					Monitoring functions (S format) used when performing data link monitoring functions, such as !-frame acknowledgment, retransmission request !-frames, requesting a temporary !-frame transmission suspension	provided/not provided
1.220.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 16. Verification methodology	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment	26.30;26.30.2;26.30;26.30.11.110	8517	"information" command (I) sequential transmission via a data link connection of numbered frames containing	provided/not provided for

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.220.	for compliance with data link level parameters (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated December 12, 2007, No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Commands and responses (format, encoding); Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices that perform the function of switching systems;			Information field with information coming from level 3; (this command is used in parallel frame transmission mode in point-to-point data link connections)	
					"Disconnect" command (DISC) to request termination of operation in parallel frame transmission mode (this mode is terminated upon receipt of an "unnumbered acknowledgment" (UA) or "disconnect mode" (DM) response)	provided/not provided
					"set synchronous balanced mode" (SABM) command to establish a mode of confirmed parallel frame transmission	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.220					UI command for unconfirmed transmission of information between level 3 or control level objects	provided/not provided
					command/response "ready to receive" (RR) (for: indicating readiness to receive **1** frame; confirming previously received ! frames; eliminating the busy state that was indicated by the same object in a previously transmitted "not ready to receive" (RNR) frame; RR command with bit P = **1:** also for requesting the status of a peer level 2 object)	provided/not provided
					command/response "exchange of identification information" (XID) used by the connection control procedure (if the XID command contains an information field with identification information, then the response also contains this field; parcel sent or received	ensured/not ensured

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.220.					The XID frame does not affect affect the operating mode or status of level 2 objects)	
					command/response "rejected" (REJ) for a retransmission request !-frames, starting with frame number N(R). The REJ status is cleared upon receipt of a 1-frame with number N(S) equal to N(R) of the REJ frame	provided/not provided
					RNR command/response to indicate the busy state, in which the data link level object is not ready to receive !-frames (the value N(R) in the RNR frame confirms 1-frames with numbers up to N(R)-1); the RNR command with bit P = **1** is also used to request the status of a peer-level data link layer object	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Object name	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.220					Response "frame rejection" (FRMR) to inform about a fault condition that cannot be eliminated by retransmitting frames (receipt of a command or response with an unknown control field value; reception of a surveillance frame or unnumbered frame with incorrect length; reception of incorrect N(R) value; reception of a frame with an information field whose length exceeds the maximum)	provided/not provided
					DM response to inform a level 2 peer object that parallel frame transmission mode cannot be established	provided/not provided
					UA response to confirm reception and acceptance of mode establishment commands operation (SABME or DISC)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.221	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 16. Communication verification methodology fulfilling the requirements for link level parameters data (orders Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, from 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06. 12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11), Recognition of incorrect frames; Other studies	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Means of communication, performing the function of switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	staff with less than six octets between flags containing serial number and less five octets between flags for frames that do not containing sequential number	provided/not provided
					frames not limited by flags	provided/not provided
					frames that do not contain an integer number of octets before the insertion (or after the removal) of bit "O"	provided/not provided
					files containing SAPI not supported by the receiving party	provided/not provided
					records containing a single-octet address field	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.221.	(tests); other research (testing) methods without specification				frames containing an incorrect frame verification sequence	provided/not provided
1.222.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 16. Methodology for testing compliance with requirements for link level parameters data (orders Ministry of Communications and Mass Media of Russia from 11.09.2007 No. 106, dated 21.04.2008 No. 44, from 21.04.2008 No. 46, from 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication ; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	O: for control procedures call	provided/not provided
					12: for network applications, supporting transmission information without establishing preliminary connection	ensured/not ensured
					16: for packet-switched connections used at level 3	provided/not provided
					63: Level 2 management procedures level 2	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.222	12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** SAPI values; Other studies (tests); methods of other studies (tests) without specification					
1.223.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 1O.O1.2017. Appendix 16. Methodology for testing compliance with requirements for link level parameters data (orders Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	automatic procedures TEI assignment the procedure non-automatic TEI assignment	provided/not provided ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.223.	Ministry of Communications of Russia 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11)**, Procedures automatic and non-automatic assignment of TEI; Other research (tests); methods of other research (testing) without specification					
1.224.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	O- 63: for non-automatically assigned TEI	provided/not provided
					127: for broadcast connection at level 2	provided/not provided
					64 - 126: for automatic TEI assignment	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.224	24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11), TEI** values TEI when connecting to the basic access interface access interface: (when connected to primary access interface access interface, TEI value = O); Other studies (tests); methods of other research (testing) without specification					
1.225.	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 16. Methodology for verifying compliance with the requirements for the parameters of the communication link	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Equipment	26.30;26.30.2;26.30;26.30.11.110	8517	TEI assignment	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	(tests); methods of other studies	Name of object	code 2	EAEU Foreign Economic Activity Code	Defined characteristic (indicator)
						TEI verification
1.225	data (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12 December 2007 No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** TEI management protocol used by the TEI automatic assignment procedure in a point-to-point Level 2 connection configuration in unacknowledged transmission mode; procedures; Other studies		Communication; Communication devices performing the function of switching systems;		TEI identity verification (optional), if this procedure is requested by the user's terminal equipment	provided/not provided
					TEI removal	provided/not provided

Definition range
provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.225.	(tests) without specification					
1.226	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 16. Communication testing methodology compliance with requirements for link level parameters (orders Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Data equipment communication equipment; Communication means, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	transmission of all messages, used by procedures TEI management, in the field UI team personnel with SAPI = 63 and TEI = 127	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.226	12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No**. 11),** Transmission of all messages used by TEI management procedures; Other studies (tests); methods of other studies (tests) without specification					
1.227.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	E: expansion bit action indicator	provided/not provided
					Control object identifier	provided/not provided
					Action indicator	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.227	21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Structure of messages; Other studies (tests); methods of other studies (tests) without specification				Message type	Provided/Not provided
					Reference number	provided/not provided
1.228	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	TEI assigned (Identity assigned) (from network to user)	assigned/not assigned
					TEI denied (Identity denied) (from network to user)	provided/not provided
					TEI assignment request (Identity request) (from user to network)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.228.	24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Coding of each field for different messages; Other studies (tests); Methods of other studies (tests) without specification				TEI verification request (Identity check request) (from the network to the user)	provided/not provided
					TEI verification response (Identity check response) (from user to network)	Provided/Not provided
					TEI removal (Identity remove) (from network to user)	provided/not provided
					Fields not used in a specific message are set to "O"	provided/not provided
1.229.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	Procedure support parameter assignment level 2 connection	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.229	Ministry of Communications and Mass Media of Russia 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11)**, Support for assigning connection parameters level 2; Other research (tests); methods of other research (testing) without specification	Communication equipment, performing the function switching systems;				

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.230	Program and methodology confirmation tests type conformity, Approved by the SPbGUT Information Center 10.01.2017. Appendix 16. Methodology for testing fulfillment of requirements for link level parameters data (orders Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06. 12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11), Transmission of messages used for automatic	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication equipment; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	message transmission, used for automatic parameter coordination level 2, in information field XID personnel	provided/not provided
					transmission of messages used for automatic coordination of level 2 parameters with the TEI value obtained after completing the TEI assignment procedure	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.230.	Level 2 parameter coordination; Other research (testing); Other research (testing) methods without specification					
1.231	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 16. Methodology for testing compliance with the requirements for the parameters of the data link data (orders Ministry of Communications of Russia from 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Communication equipment; Means of communication, performing the function switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	PI = Frame size (acceptance)	provided/not provided
					PI = Window size (on transmission)	provided/not provided
					PI = Retransmission timer (T200)	provided/not provided
					PL= **1**	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.231.	No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11), Field! XID team frame reflecting the parameters selected for level 2 connections; field I encoding for parameter coordination;11other studies (tests);methods of other studies (tests) without specification				PL=2	provided/not provided
					PV = N20 I; Transmitter value	provided/not provided
					PV = N201; Receiver value	provided/not provided
					PV = T200; Value	provided/not provided
					PV = k; Value	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.231.					Group length (GL)	provided/not provided
					Parameter length (PL) = 2	Provided/Not provided
					Parameter value (PV) = N201; Transmitter value	provided/not provided -
					Group identifier (GI)	provided/not provided
					Parameter identifier (PI) = Frame size (on transmission)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.231					Format identifier (FI)	Provided/Not provided
1.232	Program and methodology of confirmation tests type conformity, approved by the SPbGUT IT Center 10.01.2017. Appendix 16. Methodology for checking fulfillment of requirements for link level parameters data (orders Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, from 21.04.2008 No. 46, dated 12.12.2007 No. 148, from 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, from 10.01.2007 No. **1**, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, from 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47. dated 29.01.2009 No. 16.	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication ; Communication equipment, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	completion of the regime parallel transmission personnel by the DISC team	ensured/not ensured
					initiation of the procedure for setting the mode parallel transmission personnel by the SAVME team (if the Level 2 object is not can set the mode parallel transmission personnel, then it complies with DM response, otherwise response is transferred UA)	ensured/not ensured
					transmission of level 3 information in !-frames	provided/not provided

	dated				

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.232.	12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**), Procedures for establishing and terminating parallel frame transmission mode; Other research (testing); methods of other research (testing) without specification				support for procedures Transmission of information frames in parallel frame transmission mode at level 2	provided/not provided
					Support for parallel frame transmission mode reinitialization procedures	Provided/Not provided
					Procedures for terminating parallel frame transmission mode	provided/not provided
					procedures for establishing parallel frame transmission mode	provided/not provided
1,233.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	N200: maximum number of frame repeats frame transmissions	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.233.	Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12 December 2007 No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11)**, System parameters; Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of switching systems;			N201: maximum Number of octets in the information field	provided/not provided
					N202: maximum number of TEI destination request message transmissions	provided/not provided
					k: maximum number of unconfirmed 1-frames (default value for frames - base access signaling: **1;** primary access signaling: 7; base access packet information: 3; primary access packet information - 7)	provided/not provided
					T200 timer: time between command transmission and response reception	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.233					Timer T201: time between Repeated transmission of TEI destination request messages	ensured/not ensured
					Timer T202: minimum time between TEI destination request message transmissions	ensured/not ensured
					timer T203: maximum time without frame transmission	ensured/not ensured
1.234.	Program and methodology for type conformity assessment tests, approved by the IC SPbGUT on January 10, 2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, from	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	data link procedures in point-to-point configuration in the D channel of the primary access	provided/not provided
					data link procedures in point-to-point configuration in primary access channel D	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.234.	11.12.2006 No. 166, from 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** System parameters and their applicability for various interfaces; Other research (tests); methods of other research (testing) without specification				TEI appointment procedures	provided/not provided
1.235.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	Level 2 monitoring procedures using RR, RNR commands and T203 timer	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.235	Ministry of Communications and Mass Media of Russia 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.05.2007 No. 56, dated December 7, 2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11)**, Procedures monitoring procedures 2; Other research (tests); methods of other research (testing) without specification	Communication equipment, performing the function switching systems;				

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.236	Program and methodology confirmation tests type conformity, approved by the SPbGUT Certification Center 10.01.2017. Appendix 16. Verification methodology compliance with requirements for link level parameters (orders Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06. 12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated December 7, 2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. 11), Interface	Equipment communication; Terminal equipment (user) telephone or telegraph communications, video communications equipment Data equipment communication equipment; Communication means, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	information transfer subscriber alarm between the subscriber network access and digital switching station	provided/not provided

V5; transmission of information of subscriber alarm;				

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.236	Other research (testing); methods of other research (testing) without specification					
1.237	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 16. Methodology for testing compliance with link level parameters (communications Ministry of Communications of Russia from 11.09.2007 No. 106, from 21.04.2008 No. 44, from 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16,	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Data equipment communication; Means of communication, performing the function switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	analog telephone access	provided/not provided
					basic ISDN BRI access	provided/not provided
					access via a semi-permanent leased line using one or two B-channels, an analog or digital line without a dedicated signaling channel (DSC)	provided/not provided
					primary ISDN PRI access (V5.2 interface)	provided/not provided

	dated				

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.237	12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No**. 11),** Interface V5; access types; Other research (testing); methods of other research (testing) without specification					
1.238.	Confirmation testing program and methodology type compliance, approved by the SPbGUT IC 1O.O1.2017. Appendix 16. Methodology for testing compliance with requirements for link level parameters (orders Ministry of Communications of Russia from 11.09.2007 No. 106, dated 21.04.2008 No. 44, from 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders	Communication equipment; Terminal equipment (user) telephone or telegraph communication, video communication equipment Communication equipment Communication equipment; Communication equipment, performing the function switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	D-channels ISDN (interface V5.l and V5.2)	provided/not provided
					carrier channels (V5. I and V5.2 interface)	ensured/not ensured
					protection protocol (V5.2 interface)	provided/not provided
					protocol for assigning carrier channels (interface V5.2)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.238	Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12 January 2009 No. **1,** dated 28 March 2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11)**, Interface V5; information transfer; Other research (testing); methods of other research (testing) without specification				telephone network protocol	provided/not provided
					public use (interface V5. **I** and U5.2)	
					control protocol (interface V5.**1** and U5.2)	provided/not provided
					path control protocol (V5.2 interface)	provided/not provided
1,239.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	V5. **I** interface of one 2048 kbit/s channel with up to 30 telephone ports or up to 15 ISDN ports (with support for ISDN 2B + D basic access)	provided/not provided
					U5.2 interface for a group of 2048 kbit/s channels (no more than 16) with support for subscriber line concentration, support for basic (2B +	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.239	11.12.2006 No. 166, dated 06.12.2007 No. 144, from 24.08.2006 No. 113, from 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11)**, Support V5 interface; Other research (tests); methods of other research (testing) without clarification				D) and primary (ZOV+ D) ISDN accesses, support management functions tracts, reservation tracts and dynamic designation of channel intervals	
1.240.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of	26.30;26.3O.2;26.30;26.30.11.110	8517	KI15	provided/not provided
					KI16	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.240	21.04.2008 No. 44, from 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Interface V5; use for transmission of signal information intended for this ueli in 2048 kbit/s channel intervals; Other research (tests); methods of other research (testing) without specification	switching systems;			KIZI	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.241.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 16. Methodology for testing compliance with requirements for link level parameters (orders Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, from 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. 11), Interface V5; electrical parameters	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication equipment; Communication means, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Electrical parameters digital path 2048 kbit/s	provided/not provided

	of the digital path 2048				

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.241	kbit/s; Other research (testing); methods of other research (testing) without specification					
1.242	Program and methodology confirmation tests type compliance, approved by the SPbGUT IC 10.01.2017. Appendix 16. Methodology for checking compliance with requirements for link level parameters (orders Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication equipment; Communication means, performing the function switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	information transfer sublevel of data link V5 interface in frames, format	provided/not provided

No. 47, dated 29.01.2009 No. 16, dated				

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.242.	12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Transmission of information at the sublevel of the U5 interface data link in frames; Other research (testing); methods of other research (testing) without specification					
1.243.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 16. Methodology for verifying compliance with data link level parameters (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Address (highest octet order)	provided/not provided
					Address (lowest octet)	provided/not provided
					Control	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.243.	21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11)**, Sublevel of the V5 interface data link; use of format A for frames that do not contain an information field; Other studies (tests); methods of other studies (tests) without specification					
1.244.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Address (highest octet order)	provided/not provided
					Address (lowest octet)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.244.	21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated I 1.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. 11), Sublevel of the V5 interface data link; use of format B for frames containing an information field; Other studies (tests); methods of other studies (tests) without specification				Information	provided/not provided
					Management	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (Indicator)	Definition range
1.245.	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 16. Methodology for testing compliance with requirements for data link level parameters (orders Ministry of Communications of 11.09.2007 No. 106, dated 21.04.2008 No. 44, from 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated No. 56, dated 07.12.2006 No. 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated No. 47, dated January 29, 2009 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, January 27, 2009 No. 11), address field format of the data the V5. I interface;	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video Communication equipment; Communication equipment, performing the function switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	C/R: command/response bit	provided/not provided
					EA: address field extension bit	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.245.	Coding; fields; Other research (testing); methods of other research (testing) without specification					
1.246	Program and methodology confirmation tests type conformity, Approved by the SPbGUT IC 10.01.2017. Appendix 16. Methodology for testing compliance with requirements for link level parameters (orders Ministry of Communications of 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated No. 56, dated 07.12.2006 No. 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated No. 47, dated 29.01.2009 No. 16, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video Equipment Communication equipment; Means of communication, performing the function switching systems;	26.30; 26.30.2; 26.30; .30.11.110	8517	C/R: command/response bit	provided/not provided
					EA: field extension bit addresses	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.246.	12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Format address field format of the data link on the V5.2 interface; encoding; fields; Other research (tests); methods of other research (testing) unspecified					
1.247.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC January 10, 2017. Appendix 16. Methodology for testing compliance with requirements for link level parameters (orders Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication equipment; Communication means, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	mode of operation with confirmation at the level of data interface link V5	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.247	21.04.2008 No. 45, dated 24.04.2008 No. 47, orders Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11)**, Mode with confirmation at the data link layer interface V5; Other research (tests); methods of other research (testing) without specification					
1.248.	Program and methodology testing confirmation type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 16. Verification Methodology compliance with requirements for link level parameters data (communication orders Ministry of Communications of Russia from 11.09.2007 No. 106, from 21.04.2008 No. 44, from 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	use for connection identification in the data link unique connection identifier level 2 (DLCI), which includes point identifier service access protocol (SAPI) and terminal identifier terminal point (TEI)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.248	11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11),** Sublevel of the V5 interface data link; Other research (testing); methods of other research (testing) without specifying				use for provided/not provided between level 2 and level 3 or the control level of the unique connection endpoint identifier (CEI), which includes SAPI, and the connection endpoint suffix (CES)	connection identification is
					information transfer level 3 in frames	provided/not provided at
					numbered information (1 frame) that requires confirmation of receipt in confirmation mode (if errors are detected, procedures for retransmitting 1 frame are performed)	
1.249.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders of the Ministry of Communications of Russia dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices,	26.30;26.30.2;26.30;26.30.11.110	8517	"information" command (1) sequential transmission via the data link connection of numbered frames containing an information field with information coming from level 3; (this command	provided/not provided for

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.249.	11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11),** Sublevel of the V5 interface data link; commands and responses (format, encoding); Other studies (tests); methods of other studies (tests) without specifying	performing the function of switching systems;			used in mode parallel frame transfer in point-to-point data link connections)	
					"Disconnect" command (DISC) to request termination of operation in parallel frame transfer mode (this mode is terminated upon receipt of an "unnumbered acknowledgment" (UA) or "disconnect mode" (DM) response)	provided/not provided
					"set synchronous balanced mode" (SABME) command to set the acknowledged parallel frame transfer mode	provided/not provided
					UI command for unacknowledged transmission of information between level 3 or control level objects	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.249					Command/response "ready to receive ready" (RR) for: indicating readiness to receive 1 frame; confirming previously received ! frames; eliminating the busy state that was indicated by the same object in the previously transmitted "not ready to receive" (RNR) frame; RR command with bit P = **1:** also for requesting the status of a level 2 object	Secured/Not secured
					command/response "rejected" (REJ) for requesting retransmission !-frames, starting with frame number N(R). The REJ status is cleared upon receipt of a !-frame with number N(S) equal to N(R) of frame REJ	provided/not provided
					RNR command/response to indicate the busy state, in which the data link layer object is not ready to receive 1-frames (the value N(R) in the RNR frame confirms 1-frames with	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Object name	code 2	EAEU HS Code	Defined characteristic (indicator)	Definition range
1,249.					numbers up to N(R)-1); The RNR command with bit P = **1** is also used to request the status of a peer-to-peer object at the data link level	
					DM response to inform the peer object of level 2 about the inability to establish parallel frame transmission mode	provided/not provided
					UA response to confirm receipt and acceptance of commands to establish the operating mode (SABME or DISC)	provided/not provided
1.250.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.3O.2;26.30;26.30.11.110	8517	frames with less than six octets between flags containing a serial number and less than five octets between flags for frames not containing a serial number	provided/not provided with

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Detection range
1,250.	21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated I 1.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11),** Recognition of incorrect frames of the V5 interface data link sublevel; Other research (testing); methods of other research (testing) without specifying				frames, not limited flags	provided/not provided
					frames that do not contain an integer number of octets before insertion (or after removal) of bit "O"	provided/not provided
					frames containing SAPI not supported by the receiving party	provided/not provided
					frames containing a single-byte address field	provided/not provided
					frames containing an incorrect frame check sequence	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.251.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06. 12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11), SAPI values of the V5 interface data	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	A: for management procedures call	provided/not provided
					12: for network applications that support information transfer without establishing a prior connection	provided/not provided
					16: for packet-switched connections using the X.25 protocol at layer 3	provided/not provided
					63: control procedures at layer 2	provided/not provided

link sublevel;				

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.251	Other research (testing); methods of other research (testing) without specification					
1.252	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	initiation of the procedure Establishment of parallel transmission mode for V5 interface frames by the SAVME command	provided/not provided
					transmission of level 3 information in !-frames of the U5 interface	provided/not provided
					Re-initialization of parallel frame transmission mode of the V5 interface	provided/not provided
					support for U5 interface information frame transfer procedures in parallel frame transfer mode at level 2	provided/not provided

No. 47, dated 29.01.2009 No. 16, dated				

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.252	12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**), Procedures for establishing and terminating the parallel transmission mode of the U5 interface frames; Other research (testing); methods of other research (testing) without specifying				the termination procedure parallel V5 interface frame transmission mode	ensuring/not ensuring the
					procedures for establishing V5 interface frame transmission mode	ensured/not ensured parallel
1.253.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	N200: maximum number of frame retransmissions	provided/not provided
					N201: maximum number of octets in the information field	provided/not provided
					T203: maximum frame transmission absence time	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.253.	21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11),** System parameters of the sublevel of the V5 interface data link; Other research (testing); methods of other research (testing) without specification				k: maximum number unconfirmed !-frames (7)	secured/unsecured
					timer T200: time between command transmission and receipt of response	provided/not provided by
1.254.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 16. Methodology for verifying compliance with data link level parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	monitoring procedures the data link level V5 interface data level using **RR,** RNR commands and T203 timer	provided/not provided at

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.254.	29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11)**, Procedures for monitoring the data link level of the V5 interface; Other research (testing); methods of other research (testing) without specification					
1.255.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 17. Methodology for verifying compliance with system parameter requirements	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Equipment	26.30;26.30.2;26.30;26.30.11.110	8517	call signal reception physical two-wire subscriber lines (AL) to the public telephone network (FXO, Stf-1)	provided/not provided via

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.255.	signaling and protocols signaling and control, used in interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11), Reception of the call signal (FXO, Stf-1); Other studies	Communication Communication devices perform the function of switching systems;				

No.	Documents establishing the rules and methods of research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.255.	(tests); methods of other studies (tests) without specification					
1.256	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12 December 2007 No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	duration of the pause between two series of pulses (from 400 to 10,000 ms)	from 10 to 10,000 (ms)
					pulse coefficient (from 1.35 to 1.8)	from 0.01 to 100.00
					pulse repetition period (from 95 to 105 ms)	from **1** to 1000 (ms)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.256.	29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Transfer pulse dialing by physical two-wire AL to the public telephone network public telephone network (FXO, Stf-1); Other research (tests); methods of other research (testing) without specification					
1.257.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols,	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices,	26.30;26.30.2;26.30;26.30.11.110	8517	Significance programmable dialing number (at least 19)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.257.	used on interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated December 7, 2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11),** Significance of the programmable set number; Other studies (testing); methods of other	Performing the function of switching systems;				

	research (testing)			

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.257	without specification					
1.258	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 17. Methodology for testing compliance with requirements for alarm system parameters alarm systems and protocols alarm and control, used on interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	calibrated opening AL loop for obtaining DVO: from 40 to 120 ms AL loop break at rebound: not less than 800 ms	- from 10 to 10,000 (ms) from 10 to 10,000 (ms)

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.258	29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated January 27, 2009 No. **11),** Signal duration on physical two-wire AL (FXO, Stf-l); Other studies (tests); methods of other studies (tests) without specification					
1.259.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit nodes	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	duration of pause between transmissions (not less than 50 ms)	from 1 to 1000 (ms)
					Duration of frequency dialing signal transmission (not less than 50 ms)	from **1** to 1000 (ms)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.259.	connection with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12 December 2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No**. 11),** Transmission of frequency dialing via physical two-wire AL (FXO, Stf-l); Other research (testing); methods of other research (testing) without				the level of each frequency components (dBm) signal for frequencies of group I: minus 6±2 dBn; for frequencies of group II: minus 3±2 dBn	from minus 15 to 15
					Frequencies of components the dialing signal: group **1:** 697, 770, 852, 941 Hz; group 2: 1209, 1336, 1477, 1633 Hz	provided/not provided of

	specification			

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1,260.	Program and methodology testing confirmation type conformity, approved by IC SPbGUT 10.01.2017. Appendix 17. Testing methodology compliance with system parameters alarm and communication protocols alarm and control, used in interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communication equipment; Communication devices that perform the function switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	Acoustic reception signal "Station response" in frequency range from 400 to 450 Hz with a level from minus 30 to minus 5 dBm at points connection to AL	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.260	12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Acceptance acoustic signal "Answer status"; Other research (tests); methods of other research (testing) without specification					
1.261.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Absence when closed the AL transmission loop in the acoustic signal simulating the telephone station signal "Call forwarding control"	provided/not provided in AL

N P/P	Documents establishing rules and methods for research (testing) and measurements	**Name of object**	**code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Determination range**
1.261	12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Absence transmission of an acoustic signal simulating the telephone station signal "Parcel tracking call"; Other research (tests); methods of other research (testing) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (Indicator)	Determination range
1.262	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 17. Methodology for testing compliance with system parameters alarm and control protocols alarm and control, used on interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders Ministry of Communications of 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, from 10.01.2007 No. **1,** dated No. 56, dated 07.12.2006 No. 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders Ministry of Communications of 21.03.2017 No. 129, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	frequency conversion signal "Request" to the line during response simulation of the called subscriber answering machine, modem or fax modem	provided/not provided
					transmission of the "Request" frequency signal to the communication line when the called subscriber responds on the parallel-connected terminal equipment	provided/not provided
					transmission of the "Request" frequency signal to the communication line when the subscriber picks up the handset	provided/not provided
					sinusoidal shape of the frequency signal "Request"	provided/not provided
					frequency signal level "Request" at connection points to the communication line (:': O dBm)	from minus 70 to 10 (dBm)

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.262.	12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** For terminal equipment, which forms and transmits a frequency signal "Request" to the communication line a frequency signal "Request" with for the purpose of automatic determine the number calling ; Other research (testing); methods of other research (testing) without specification				Frequency of the "Request" signal (500±2.5 Hz)	from 0.001 to 200000000 (Hz)
1,263.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with the terminal	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Duration of calls received The duration of the billing pulses is 100±20 ms	provided/not provided
					number of billing pulses per second is 5	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.263	(user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11)**, Conditions for the operation of the tariff signal receiver; Other studies (tests); methods of other studies (tests) without specifying				the voltage of received signals is minus 8 - 6 dBn	provided/not provided tariff
					frequency of received equal to 16±0.1 kHz	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.264	Program and methodology Confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 17. Methodology for testing compliance with requirements for signaling system parameters and protocols signaling and control, used on interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (commands Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Communication equipment; Communication equipment performing the function switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	pulse duration (at 6 dBn level): less than 10 ms	provided/not provided
					voltage at frequencies of 15 and 17 kHz: more than O dBn	provided/not provided
					signal voltage (at a frequency of 16±0.1 kHz): less than minus l2dBn	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.264.	12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Conditions for non-operation of the tariff signals; Other research (tests); methods of other research (testing) without specification					
1.265.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Polarity reversal interval between positive and negative pulses (300±50 ms)	provided/not provided
					reception of billing signals by reversing the polarity of the power supply in the subscriber loop	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.265	21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 1 1.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated December 7, 2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Reception tariff signals by reversing the power supply; Other research (testing); methods of other research (testing) without specification					
1.266.	Program and methodology Confirmation tests type conformity, Approved by IC SPbGUT 10.01.2017. Appendix 17.	Equipment communication; Terminal equipment (user) telephone or telegraph	26.30;26.30.2;26.30;26 .30.11.110	8517	No short circuit subscriber line loop in case of loss power supply	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD2 CODE	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.266	Verification method compliance with requirements for system parameters alarm and communication protocols alarm and control, used in interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders Ministry of Communications of Russia dated]].09.2007 No. 106, от 2] .04.2008 No. 44, от 2).04.2008 No. 46, от 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 1 13, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No.] 02, от 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated]2.0] .2009 No. 1, dated 28.03.20]1 No. 47, dated January 29, 2009, No. 16, dated]2.12.2011 No. 340, dated]5.09.20]5 No. 346, dated	communications, video communications equipment Alarm equipment Communication equipment; Communication devices perform the function of switching systems;				

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.266	27.01.2009 No. **11)**, Absence of subscriber line loop closure in the event of power failure; Other research (testing); methods of other research (testing) without specification					
1.267.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated December 12, 2007, No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	duration of pause between two series of pulses: from 180 to 1100 ms	provided/not provided
					pulse coefficient (ratio of open duration to closed duration): 1.3 - 1.9	provided/not provided
					pulse dialing signal code	provided/not provided
					dialing speed: from 7.5 to 12.5 pulses/s	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.267	06.12.2007 No. 144, dated 24.08.2006 No. 113, from 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11)**, Reception of pulse dialing from user terminal equipment **(FXS,** Stf-2); Other research (testing); methods of other research (testing) without specification				reliable reception from terminal equipment pulse signal dialing	ensured/not ensured
1.268.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 17. Methodology for verifying compliance with system parameter requirements	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Equipment	26.30;26.30.2;26.30;26.30.11.110	8517	during a call or when dialing a number for a period of 30 to 130 ms as a calibrated loop opening signal for ordering additional types of service	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.268.	signaling and protocols signaling and control, used in interfaces of terminal and terminal-transit nodes communication with the terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11), Recognition of chain breakage ; Other studies	Communication; Communication devices, perform the function switching systems;			terminal connection equipment used in the process conversation or dialing temporary numbers, exceeding 400 ms, as caller hang-up	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.268.	(tests); other research (testing) methods without specification					
1.269	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 17. Verification method compliance with requirements for system parameters alarm and communication protocols alarm and control, used in interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communications, video communications equipment Alarm equipment Communication equipment; Communication devices perform the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	Permissible leakage current in call waiting mode and during dialing pauses (not less than 3 mA)	from 0.5 to 70.0 (mA)

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.269	29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Permissible leakage current in call waiting mode and during dialing pauses; Other studies (tests); methods of other studies (tests) without specification					
1.270.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit nodes	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	duration The duration of dual-frequency pulses and the pause between them is at least 40 ms.	from 1 to 1000 (ms)
					difference in frequency component levels: does not exceed 5 dB	from minus 15 to 15 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.270.	Communication with terminal (user) equipment (Orders of the Ministry of Communications of Russia No. 106 dated 11.09.2007, No. 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12 December 2007 No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated December 7, 2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Reliable reception of the frequency dial tone (DTMF) signal from terminal equipment (FXS, Stf-2) under the following conditions; Other studies (tests); methods of other				studies	
					The frequency band 250 - 4300 Hz is 20 dB below the signal level of group l	
					Frequency component levels (range from minus 20 to 0 dB)	from minus 35 to 3 (dBm)
					frequencies do not differ from their nominal values by more than 1.8%	from 0.1 to 2.5%
					Frequencies of the dialing signal components: Group l: 697, 770, 852, 941 Hz; group 2: 1209, 1336, 1477, 1633 Hz	provided/not provided

total interference level in	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.270.	(tests) without specification					
1.271	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated December 12, 2007, No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	duration of pause between signal transmissions when dialing a number: less than 20 ms	provided/not provided
					Duration of transmission (or pause) when dialing a number: less than 20 ms	provided/not provided
					deviation of the frequencies of the dialing signal components from their nominal values more than 3%	from 0.1 to 2.5 (%)
					difference between signal levels of group **l** and group 2 of the dialing signal: greater than 15 dB	from minus 15 to 15 (dB)

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.271	29.08.2005 No. 102, from 21.12.2006 No. 176, from 21.04.2008 No. 45, from 24.04.2008 No. 47, orders Ministry of Communications of Russia 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Non-acceptance of terminal equipment of the frequency dialing number (DTMF) under the following conditions; Other research (tests); methods of other research (testing) without specification				level of any of frequency components dialing signal: less than minus 37 dB	ensured/not ensured
1.272.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	determination of the first digit when dialing a number, if two frequencies are accompanied by a "Station response" signal with a level of minus 5±0.5 dBm	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.272.	Terminal transit nodes connection with terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated December 7, 2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11)**, Determining the first digit when dialing by frequency number; Other tests (tests); methods of other research (testing) without specification					

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.272						
1.273	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 17. Communication testing methodology compliance with system parameters alarm and communication protocols alarm and control, used in interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated	Equipment communication; Terminal equipment (user) telephone or telegraph Communication, video communication equipment Alarm equipment Communication equipment; Communication devices perform the function of switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	delay in disconnection of the call signal at subscriber response not exceeds 150 ms	from lO to lOOOO (ms)

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.273	29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated January 27, 2009 No. **11),** Delay disconnection of the call signal when answering; Other research (tests); methods of other research (testing) without specification					
1.274.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	pulse delay : no more than 50 ms	from I to I LLC (ms)
					tariff pulse distortion: no more than 20 ms	from 1 to 1000 (ms)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.274.	(user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12 December 2007 No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11)**, Tariff signal parameters; Other research (testing); methods of other research (testing) without specification				distortion Tariff signals: no more than 5%	provided/not provided
					Tariff signal level at a load of 200 ohms: not less than minus 8 dBn	from minus 70 to 10 (dBm)
					The frequency of billing signals is 16±0.04 kHz	from 0.001 to 200000000.000 (Hz)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.275	Program and methodology Confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 17. Methodology for testing compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on interfaces of terminal and terminal-transit nodes connection with the terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Communication equipment; Communication devices that perform the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	reversal interval between positive and negative pulses (300±50 ms)	from 10 to 10000 (ms)
					transmission of billing signals by reversing the polarity of the power supply in the subscriber loop	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.275.	12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Transmission of signaling signals by reversing the polarity of the power supply; Other research (testing); methods of other research (testing) without specification					
1.276.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices that perform the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Mixed messages: SEGMENT (Segmentation); CONGESTION CONTROL (Congestion control); INFORMATION PON (Information); NOTIFY (Notification); STATUS (Status); STATUS ENQUIRY (Status Inquiry)	provided/not provided
					Information exchange messages: RESUME; RESUME ACKNOWLEDGE (Resumption Acknowledgement); RESUME REJECT (Rejection	secured/not secured

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.276.	21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated l 1.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** EDSS alarm messages l on basic and primary access interfaces (У l, У3, У5); Other studies (tests); methods of other studies (tests) without specifying				resumption); SUSPEND (Suspension); SUSPEND ACKNOWLEDGE (Suspension confirmation); SUSPEND REJECT (Suspension rejection)	
					Call release messages: DISCONNECT; RELEASE; RELEASE COMPLETE; RESTART; RESTART ACKNOWLEDGE (Restart Acknowledgment)	secured/unsecured
					connection establishment messages: ALERTING (Alert); CALL PROCEEDING (Call in progress); CONNECT (Connect); CONNECT ACKNOWLEDGE (Connection Acknowledgement); PROGRESS (Progress); SETUP (Connection Establishment); SETUP ACKNOWLEDGE (Confirmation	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.276.					connection establishment)	
1.277.	Program and methodology Confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 17. Verification methodology compliance with requirements for system parameters alarm systems and protocols alarm and control, used in interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders Ministry of Communications of 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated No. 56, dated 07.12.2006 No. 159, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video Communication equipment communication equipment; Communication devices perform the function switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	Protocol discriminator	provided/not provided
					Length of tag value calling (in octets)	ensured/not ensured
					Other information elements (if required)	provided/not provided
					Call tag meaning	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.277	29.08.2005 No. 102, from 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11),** Format alarm messages EDSSl; fields; Other research (tests); methods of other research (testing) without specification				Type of message	Provided/Not provided
1,278.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with the terminal	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.3O.2;26.30;26.30.11.110	8517	Use of the **EDSS1** protocol discriminator to distinguish call control messages on the user-network section from other messages (for call control messages, the protocol discriminator value is "00001OOO")	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.278.	(user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11)**, Use of the protocol discriminator EDSS1; Other studies (testing); methods of other research (testing) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.279	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling and control, used on interfaces of terminal and terminal-transit nodes communication with the terminal (user) by equipment (orders of the Ministry of 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, from 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated No. 56, dated 07.12.2006 No. 159, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of March 21, 2017, No. 129, from	Equipment communication ; Terminal equipment (user) telephone or telegraph communications, video communications equipment Communication Communication means perform the function switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	if the value of the flag mark is call "O", then the message is sent from the side, assigning a mark connection	is secured/unsecured
					if the call label flag value is **"1"**, the message is sent to the party assigning the call label	provided/not provided
					the call label value is determined by the party initiating the call at the beginning of the call and remains fixed until the call is completed	provided/not provided
					information about the length of the call label is contained in the second octet: bits 1 through 4	provided/not provided
					use of a call label to identify a call or service request (service refusal) on the "user-network" section to which it relates specific message	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.279	12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Use of a call label to identify a call or service request ;Other research (testing);methods of other research (testing) without specifying				maximum tag length does not exceed 3 octets	provided/not provided call
					call label flag (8th bit octet)	provided/not provided 3rd
1.280.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated 21.04.2008 No. 44, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	use type protocol message EDSSl protocol message type for identification of the sent message	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.280.	21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated l 1.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated January 27, 2009 No. **11),** Use of protocol message type EDSS l; Other studies (tests); methods of other studies (tests) without specification					
1.281.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 17.	Communication equipment; Terminal (user) equipment for telephone or telegraph	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	ALERTING	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated	Name of facility	code 2	EAEU HS code	Defined characteristic (indicator)
1.281	Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (Orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12 December 2007 No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated		Communication equipment, video communication equipment Communication equipment; Communication devices performing the function of switching systems;			~~CALL PROCESSING~~
					CONGESTION CONTROL	Provided/Not provided
					CONNECT	provided/not provided
					CONNECT ACKNOWLEDGE	provided/not provided
					DISCONNECT	provided/not provided

Detection range	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.281.	27.01.2009 No. 11), Encoding of the "message type" information element of the EDSS1 protocol; Other studies (tests); methods of other studies (tests) without specification				INFORMATION	provided/not provided
					NOTIFY	provided/not provided
					PROGRESS	provided/not provided
					RELEASE	provided/not provided
					RELEASE COMPLETE	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.281					RESTART	Provided/Not provided
					RESTART ACKNOWLEDGE	provided/not provided
					RESUME	provided/not provided
					RESUME ACKNOWLEDGE	provided/not provided
					RESUME REJECT	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.281					SEGMENT	Provided/Not provided
					SETUP	provided/not provided
					SETUP ACKNOWLEDGE	provided/not provided
					STATUS	provided/not provided
					STATUS ENQUIRY	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.281					SUSPEND	provided/not provided
					SUSPEND ACKNOWLEDGE	provided/not provided
					SUSPEND REJECT	provided/not provided
					USER INFORMATION	provided/not provided
					Transition to national message type definition	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.282	Program and methodology Confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 17. Methodology for testing compliance with requirements for system parameters alarm systems and protocols alarm and control systems, used in interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated	Equipment Communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Communication devices perform the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Delivery options (bearer capability)	provided/not provided
					Date/time	provided/not provided
					Protocol discriminator	provided/not provided
					Display	provided/not provided
					More data	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.282.	12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Implementation of information elements in each specific protocol message EDSS1; Other studies (tests); methods of other studies (tests) without specification				Call identification (call identity)	provided/not provided
					Channel identification	provided/not provided
					Notification indicator	provided/not provided
					Repeat indicator	provided/not provided
					Restart indicator	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.282.					Call reference	Provided/Not provided
					Called party number	provided/not provided
					Calling party number	provided/not provided
					Transmission complete	provided/not provided
					Connected number	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.282					Connected subaddress (connected subaddress)	provided/not provided
					Cause	Provided/Not provided
					Progress indicator	provided/not provided
					Keypad facility	provided/not provided
					Segmented message	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic to be determined (Indicator)	Determination range
1.282					High layer compatibility layers (high layer compatibility)	provided/not provided
					Low layer compatibility	Ensured/Not ensured
					Call state	provided/not provided
					Called party subaddress	provided/not provided
					Calling party subaddress	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.282					Message type (message type)	provided/not provided
					Overload level (co11gestio11 level)	provided/not provided
					Network-specific facilities	provided/not provided
1.283.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user)	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	channel selection B	provided/not provided
					interaction notifications	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.283.	equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12 December 2007 No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated December 7, 2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Procedures for establishing a base call on the outgoing interface; Other studies (tests); methods of other studies (tests) without specifying				call deviation	provided/not provided
					Transmission of the called subscriber's number in block mode	Provided/Not provided
					Transmission of the called subscriber's number in overlapping mode	provided/not provided
					call setup	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (Indicator)	Determination range
1.284	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 17. Methodology for testing compliance with requirements for signaling system parameters and protocols alarm and control, used in interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders of the Ministry of 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of 21.03.2017 No. 129, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video Communication equipment; Communication means performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	channel selection B	provided/not provided
					notification of interaction	provided/not provided
					call deviation	provided/not provided
					Receiving the called subscriber's number in block mode	provided/not provided
					receiving the number of the called subscriber in the overlapping mode	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.284	12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Procedures for establishing a base call on the incoming interface; Other studies (tests); methods of other studies (tests) without specifying				call acceptance	provided/not provided
					call setup	provided/not provided
1.285.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices that perform the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	without use of tone signals and auto-informer phrases	provided/not provided
					initiated by the user	provided/not provided
					network-initiated	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.285.	21.04.2008 No. 46, dated 12.12.2007 No. 148, from 29.04.2008 No. 51, from 1 1.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Procedures for releasing the EDSS alarm **connection**; Other research (tests); methods of other research (testing) without specification				using tonal signals and phrases auto-informer	provided/not provided
1.286.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 17. Methodology for testing	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment	26.30;26.30.2;26.30;26 .30.11.110	8517	for call return in zero state	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.286.	Compliance with requirements system parameters alarm and communication protocols signaling and control, used in interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated	Equipment communication; Communication devices perform the function switching systems;			for return interface in free status	ensured/not ensured

27.01.2009 No. **11),** Procedure			

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.286.	restart; Other studies (tests); methods of other studies (tests) without specification					
1.287	Program and methodology testing confirmation type conformity, Approved by IC SPbGUT 10.01.2017. Appendix 17. Methodology for testing fulfillment of requirements for system parameters alarm systems and protocols alarm and control systems, used in interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated December 7, 2006 No. 159, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Communication devices perform the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	restriction and resumption use of one and of the same channel B, applicable only to user interface network" of the basic access	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.287	29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Procedures for suspension and resumption of the call; Other research (tests); methods of other studies (tests) without specification					
1.288.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit nodes	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	short messages	provided/not provided
					unexpected messages	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.288.	Communication with terminal (user) equipment (Orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11),** Procedures for handling EDSSI alarm errors; receiving messages; Other studies (tests); methods of other studies (tests) without specification				incorrect Protocol discriminator	provided/not provided
					with invalid call label	provided/not provided
					with incorrect optional information element	provided/not provided
					with incorrect mandatory information element	provided/not provided
					with unrecognized message type	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.288.					with mandatory information element missing	provided/not provided
1.289	Program and methodology confirmation tests type compliance, Approved by IC SPbGUT 10.01.2017. Appendix 17. Methodology for testing compliance with requirements for system parameters alarm and communication protocols alarm and control, used in interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communication equipment; Communication devices perform the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	request procedures call status EDSS 1 signaling	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.289	29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Procedures EDSSl call status request procedures; EDSSl alarm; Other research (tests); methods of other research (testing) without specification					
1,290.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with the terminal	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.3O.2;26.30;26.30.11.110	8517	procedures for reducing the requested service level EDSS1 alarm	provided/not provided for

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.290.	(user) equipment (orders Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11)**, Procedures for reducing the level of the requested service alarm level EDSS **1**; Other research (tests); methods of other research (tests) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (Indicator)	Determination range
1.291	Program and methodology Confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 17. Methodology for testing compliance with requirements for system parameters alarm and communication alarm and control, used on interfaces of terminal and terminal-transit nodes termination (user) equipment (orders of the Ministry of 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated No. 56, dated December 7, 2006 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of 21.03.2017 No. 129, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video Equipment Communication; Communication equipment perform the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	T301	provided/not provided
					T302	provided/not provided
					T303	provided/not provided
					T304	provided/not provided
					T305	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.291.	12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11), EDSS1 alarm timers; Other research (testing); methods of other research (testing) without specification				T306	Provided/Not provided
					T307	provided/not provided
					T308	provided/not provided
					T309	provided/not provided
					T310	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.291.					T312	provided/not provided
					T314	provided/not provided
					TZ16	provided/not provided
					T317	provided/not provided
					T320	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.291					T321	Provided/Not provided
					T322	provided/not provided
1.292.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated December 12, 2007, No. 148, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.3O.2;26.30;26.30.11.110	8517	on the incoming interface: "01" (provided by user, verified and transmitted) or "11" (provided by network)	provided/not provided
					on the outgoing interface: "00" (provided by the user, not verified)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.292	29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Field coding "Verification indicator" of the information element "Calling party number Party" of the alarm EDSS1; Other studies (tests); methods of other research (testing) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.293.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 17. Methodology for testing compliance with requirements for system parameters alarm and communication protocols alarm and control, used in interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communication equipment; Communication devices perform the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	alarm protocol telephone network interface U5	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.293	12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Protocol alarm network telephone communication network V5; Other research (tests); methods of other research (testing) without specification					
1.294.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated 21.04.2008 No. 44, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	"Status request" (status Enquiry)	provided/not provided
					"Protocol Parameter"	provided/not provided
					"Signal Acknowledge"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU Foreign Economic Activity Code	Defined characteristic (indicator)	Detection range
1.294.	21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 1 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11),** Alarm signals, V5 interface telephone networks; Other research (testing); Methods of other research (testing) without specification				"Disconnected" (Disconnect Complete)	provided/not provided
					"Disconnect"	Provided/Not provided
					"Signal"	provided/not provided
					"Status"	provided/not provided
					"Establish"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.294					"Established" (EstaYish Acknowledge)	Provided/Not provided
1.295	Program and methodology Confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 17. Methodology for testing compliance with protocol system parameters alarm and communication alarm and control, used in interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders Ministry of Communications of 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated No. 56, dated 07.12.2006 No. 159, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video Alarm equipment Communication; Communication devices perform the function of switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	Level 3 address	provided/not provided
					Protocol discriminator	met/not met
					Modulated call	provided/not provided
					Message type	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.295	29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Format alarm messages EstaBI ish;Other research (tests); methods of other research (testing) without specification					
1,296.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with the terminal	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Disconnect Complete: Protocol discriminator; Level_3 address; Message type	provided/not provided
					Disconnect: Protocol discriminator; Layer_3 address; Message type; Stable signal	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.296.	(user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12 December 2007 No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated December 7, 2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11)**, Format of alarm messages of the telephone network interface V5; Other research (testing); methods of other research (testing) without specification				EstaYish Ask: Protocol discriminator; Level_3 address; Message type	provided/not provided
					Protocol Parameter: Protocol discriminator; Level_3 address; Message type; Sequence number; Recognition time	Provided/Not provided
					Signal Ask: Protocol discriminator; Level_3 address; Message type; Sequence number	provided/not provided
					Signal: Protocol discriminator; Level_3 address; Message type; Sequence number; Pulse notification; Autonomous signaling sequence; Sequence response; Pulse signal; Stable signal; Digital signal	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.296					Status Enquiry: Protocol discriminator; Level_Z address; Message type	provided/not provided
					Status: Protocol discriminator protocol; Level_Z address Level_Z; Message type; Status; Reason	provided/not provided
1.297.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.3O.2;26.30;26.30.11.110	8517	Autonomous Signaling sequence (Autonomous signaling sequence)	provided/not provided
					Recognition time	provided/not provided
					Pulsed signal	Provided/Not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.297.	29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11),** Information elements of telephone network signaling messages of the V5 interface; Other research (testing); methods of other research (testing) without specification				Modulated call (Cadenced-ringing)	provided/not provided
					Sequence response	Provided/Not provided
					Sequence number	Provided/Not provided
					Cause	provided/not provided
					State	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Detection range
1.297.					Steady signal signal)	provided/not provided
					Pulse notification	Provided/Not provided
					Digital signal (Digit signal)	provided/not provided
1.298.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user)	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	encoding information elements of telephone network signaling messages of the U5 interface	provided/not provided for

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.298.	equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Coding of information elements of alarm messages of the telephone network V5 interface; Other research (tests); methods of other research (testing) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.299	Program and methodology Confirmation tests type conformity, approved by the SPbGUT IC January 10, 2017. Appendix 17. Methodology for testing compliance with system parameters alarm and communication protocols alarm and control, used on interfaces of terminal and of terminal-transit nodes communication with the terminal (user) equipment (orders Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Communication devices perform the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Tnat **1:** Exposure timer time required for signal filtering "Off the hook"	provided/not provided
					Tnat2: Timer for the time delay required to filter the "Hookshed" signal	provided/not provided
					Tnat3: Timeout timer required to control the duration of the "Station response" signal	provided/not provided
					Tnat4: Timeout timer required to control the duration of the "Busy" signal	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.299.	12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11), Value of alarm message timers for the V5 interface telephone network; Other research (testing); methods of other research (testing) without specification					
1.300.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	"General management" (Common Control)	provided/not provided
					"Common Control Acknowledge"	provided/not provided
					"Port Control Acknowledge"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.300	21.04.2008 No. 44, from 21.04.2008 No. 46, from 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11),** Communications control protocol messages interface port V5; Other research (tests); methods of other research (testing) without specification				"Port management" (Port Control)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.301	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 17. Methodology for testing compliance with requirements for system parameters alarm and communication alarm and control, used in interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders Ministry of Communications of 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of 21.03.2017 No. 129, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video Equipment Communication; Communication means, perform the function of switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	Level 3 address	provided/not provided
					option	provided/not provided
					protocol discriminator	provided/not provided
					interface identifier	provided/not provided
					control function identifier	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.301.	12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. 11), Information elements of the V5 interface port control protocol; Other research (testing); methods of other research (testing) without specification				classification Characteristics	provided/not provided
					Reason for deviation	Provided/Not provided
					Type of message	provided/not provided
					Control function element	provided/not provided
1.302.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 17. Methodology for verifying compliance with the requirements for signaling system parameters and protocols	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	implementation information elements of the V5 interface port control protocol in each specific message	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.302.	Signaling and control, used in interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11)**, Implementation of information elements of the control protocol	Communication equipment perform the function of switching systems;				

interface port U5;			

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.302	Other research (testing); methods of other research (testing) without specification					
1.303	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC January 10, 2017. Appendix 17. Methodology for testing compliance with protocol requirements system parameters alarm and protocol alarm and control, used on interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Control equipment Communication equipment; Communication devices, performing the function switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	General procedures control protocols	provided/not provided
					protocol procedures control equipment related to port	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.303	29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Protocol management procedures V5 interface port; Other studies (tests); methods of other studies (tests) without specification					
1.304.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit nodes	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	unexpected message	provided/not provided
					with incorrect protocol discriminator	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Object name	KODOKP 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.304.	in connection with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Procedures for handling error situations in the V5 interface port control protocol; receiving messages; Other research (testing); methods of other research				with incorrect address of a level 3 object	provided/not provided
					with incorrect optional information element	provided/not provided
					with incorrect mandatory information element	provided/not provided
					with unrecognized information element	provided/not provided
					with unrecognized message type	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.304.	(tests) without specification				with missing Optional information element	provided/not provided
					with missing mandatory information element	provided/not provided
					with repeated mandatory information element	provided/not provided
1.305.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user)	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	T0l: Standby timer for confirmation of transmitted message Port Control	provided/not provided
					TO2: Timer for waiting for confirmation of a transmitted message Common Control	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.305.	equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11), Timers control protocol timers interface port V5; Other research (tests); methods of other research (testing) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.306	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 17. Methodology for testing compliance with requirements for system parameters alarm and communication protocols alarm and control, used in interfaces of terminal and terminal-transit nodes terminals (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communication equipment; Communication devices perform the function of switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	control protocol interface link V5.2	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.306	12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Protocol of the interface U5.2; Other research (tests); methods of other research (testing) without specification					
1.307.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	"Confirmation of link control" (Link Control Ack)	provided/not provided
					"Link Control"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.307	12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Communications of the V5.2 interface control protocol interface V5.2; Other research (tests); methods of other research (testing) without specification					
1.308.	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 17. Verification methodology compliance with requirements for	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment	26.30;26.30.2;26.30;26 .30.11.110	8517	Level 3 address	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Information elements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)
1.308.	the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated December 12, 2007, No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11),		Communication equipment; Communication devices that perform the function of switching systems;			Protocol discriminator
					Message type	provided/not provided
					Link control function	provided/not provided

Detection range	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.308	V5.2 interface control protocol; Other research (testing); Other research (testing) methods without specification					
1.309.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated December 12, 2007, No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Level 3 address (L3addr)	provided/not provided
					Protocol discriminator	provided/not provided
					Message type	provided/not provided
					Link control function	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.309.	No. 56, dated December 7, 2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Implementation of information elements of the management protocol of the link V5.2 interface in each specific message; Other research (tests); methods of other research (testing) without specification					
1.310.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols,	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices,	26.30;26.30.2;26.30;26.30.11.110	8517	with incorrect a discriminator protocol	provided/not provided with

N P/P	Documents establishing rules and methods for research (testing) and measurements	control protocol; obtaining	Name of object	code 2	EAEU Foreign Economic Activity Code	Defined characteristic (Indicator)
						with an incorrect address
1.310.	used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated December 12, 2007, No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Procedures for handling error situations in the V5.2 interface		performing the function of switching systems;		of a level 3 object	
					with incorrect mandatory information element	provided/not provided
					with unrecognized information element	provided/not provided
					with unrecognized message type	provided/not provided
					with missing mandatory information element	provided/not provided

Definition range
provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.310.	Communications; Other research (testing); Methods of other research (testing) without specification				with a mandatory repeated information element	provided/not provided
1.311.	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 17. Methodology for testing fulfillment of requirements for system parameters alarm and communication alarm and control, used on interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders Ministry of Communications of 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated No. 56, dated 07.12.2006 No. 159, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video Equipment Communication; Communication means, performing the function of switching systems ;	26.30;26.30.2;26.30;26 .30.11.110	8517	LCT0 **1** = **1** s	provided/not provided
					determines the waiting time receiving the Link message Control Ack in response to transmitted message Link Control	ensured/not ensured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.311.	29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Timer control protocol for the V5.2; Other research (tests); methods of other research (testing) without specification					
1.312.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	"Audit completed" (Audit Complete)	provided/not provided
					"Audit"	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.312.	(user) equipment (Orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11)**, V5.2 interface carrier channel placement protocol messages; Other studies (tests); other study (test) methods without specification				"Protocol error" (Protocol Error)	provided/not provided
					"De-Allocation Complete"	Provided/Not provided
					"De-Allocation Reject"	provided/not provided
					"De-Allocation"	provided/not provided
					"Access network fault acknowledgment" (An Fault Ack)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.312					"Deployment complete" (Allocation Complete)	provided/not provided
					"Allocation Rejected"	secured/unsecured
					"Allocation"	provided/not provided
					"Access Network Fault"	provided/not provided
1.313.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for signaling system parameters and protocols	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	implementation information elements of the V5.2 interface carrier channel placement protocol in each specific message	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.313.	Signaling and control, used in interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11),** Implementation of information elements of the placement protocol	Communication equipment perform the function of switching systems;				

carrier channels of the interface			

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.313	V5.2; Other research (testing); methods of other research (testing) without specification					
1.314	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated September 11, 2007, No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated December 12, 2007, No. 148, dated 29.04.2008 No. 51, dated 11 December 2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Audit	provided/not provided
					Notifications of access network failures	provided/not provided
					error handling	provided/not provided
					Carrier channel relocation	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.314.	29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No**. 11),** Procedures for the protocol for placing V5.2 interface carrier channels; Other studies (tests); methods of other studies (tests) without specifying				placement of the carrier channel	provided/not provided
1.315.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit nodes	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	TSS **1:** retransmission Allocation message, timer restart	provided/not provided
					TSS2: De-Allocation message retransmission, timer restart	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.315.	Communication with terminal (user) equipment (Orders of the Ministry of Communications of Russia No. 106 of 11.09.2007, No. 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12 December 2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Timers for the V5.2 interface carrier channel placement protocol; Other research (testing); methods of other research (testing) without specification				Tss3: retransmission De-Allocation message, timer restart	provided/not provided
					TSS4: Audit message retransmission Timer restart	provided/not provided
					TCC5: retransmission of AN Fault message Timer restart	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD code 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.316	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	"Switch request" (Switch-Over Req)	provided/not provided
					"Reset Request" (Reset Sn Sosh)	provided/not provided
					"Operator-initiated switchover" (Os-Switch-Over Soc)	provided/not provided
					"Switch-over request rejected" (Switch-Over Reject)	provided/not provided
					"Protocol error" (Protocol Error)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.316.	12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No**. 11),** Interface protection protocol messages U5.2; Other research (testing); methods of other research (testing) without specification				"Transfer completed" (Switch-Over *Count)*	provided/not provided
					"Reset complete" (Reset Sn Ack)	Provided/Not provided
					"Switch-over request acknowledged" (Switch-Over Ack)	provided/not provided
1.317.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user)	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	2) implementation information elements of the V5.2 interface protection protocol in each specific message	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.317.	equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11**), Implementation of information elements of the protection interface V5.2; Other research (testing); methods of other research (testing) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.318	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 17. Methodology for testing compliance with switching requirements system parameters alarm and communication protocols alarm and control, used on interfaces of terminal and terminal-transit nodes communication with terminal (user) equipment (orders of the Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communication; Communication devices performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	switching, initiated access equipment	provided/not provided
					switching, initiated operator switching system	ensured/not ensured
					sequence number reset	provided/not provided
					related to the transmission of security protocol messages	ensured/not ensured
					related to receiving protection protocol messages	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.318.	12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, from 30.11.2015 No. 484, from 27.01.2009 No. **11),** Procedures protection protocol interface U5.2; Other research (tests); methods of other research (testing) without specification				Standard procedures switching, initiated switching equipment	provided/not provided
1.319.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 17. Methodology for verifying compliance with the requirements for the parameters of signaling systems and signaling and control protocols used on the interfaces of terminal and terminal-transit communication nodes with terminal (user) equipment (orders of the Ministry of Communications and Mass Media of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	unexpected message	provided/not provided
					with incorrect protocol discriminator	provided/not provided
					with incorrect logical C-channel identifier	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.319.	12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Procedures for handling error situations in the V5.2 interface protection protocol; receiving messages; Other studies (tests); methods of other studies (tests) without specification				with incorrect Mandatory information element	provided/not provided
					with unrecognized information element	provided/not provided
					with unrecognized message type	provided/not provided
					with missing mandatory information element	provided/not provided
					with duplicate mandatory information element	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.320	Program and methodology confirmation tests type conformity, Approved by IC SPbGUT 10.01.2017. Appendix 17. Methodology for checking compliance with requirements for system parameters alarm and communication protocols signaling and control systems, used in interfaces of terminal and terminal-transit nodes communication with terminal (user) by equipment (orders Ministry of Communications of Russia dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 21.04.2008 No. 46, dated 12.12.2007 No. 148, dated 29.04.2008 No. 51, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.05.2007 No. 56, dated 07.12.2006 No. 159, dated 29.08.2005 No. 102, dated 21.12.2006 No. 176, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communication Communication devices perform the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	TS0 **1** : Repeated transmission Switch-Over messages *Sot*	provided/not provided
					TS02: Retransmission Os-Switch-Over *Sot*	ensured/not ensured
					TS03: Switch-Over Req message retransmission	provided/not provided
					TS04: Repeated transmission of *the* Reset SN message	provided/not provided
					TS05	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.320.	12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated January 29, 2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Timers for the protection protocol U5.2 interface; Other research (tests); methods of other research (testing) without specification					
1.321.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 18. Methodology for verifying compliance with requirements for interfaces for access to data transmission networks at a speed of 10 Gbit/s (GigaBit Ethernet) (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 48 dated April 19, 2007, May 31, 2007, No. 58, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 22.03.2007 No. 39, dated 12.12.2007 No. 147, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	central ranges (840 - 860 nm, 1260-1355 nm, 1530-1565 nm)	provided/not provided
					Component wavelengths of optical multiplexing for l0GBASE LX4 (269.0 - 1282.4 nm, 1293.5 - 1306.9 nm, 1318.0- 1331.4 nm, 1342.5 - 1355.9 nm)	provided/not provided
					Line speed	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.321.	06.06.2007 No. 60, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 07.12.2006 No. 159, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Optical interfaces lOGBASE SW, lOGBASE SR, IOGBASE LW, lOGBASE LR, IOGBASE EW, lOGBASE ER, lOGBASE LX4; Other research (testing); methods of other research (testing) without specifying				Linear code (code Groups: 64B/66B, code groups for IOGBASE LX4: 8B/10B)	provided/not provided
					Maximum line length	provided/not provided
					Maximum power level at reception	from minus 50 to 8 (dBm)
					minimum reception power level	from minus 50 to 8 (dBm)
					fiber type (MMF, SMF)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.321					Topology (point-to-point)	provided/not provided
					Maximum transmission power level	from minus 50 to 8 (dBm)
					Minimum transmission power level	from minus 50 to 8 (dBm)
1.322	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 18. Methodology for verifying compliance with requirements for data transmission network access interfaces at a speed of 10 Gbit/s (Gigabit Ethernet) (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 48 dated April 19, 2007, May 31, 2007 No. 58, 11 December 2006 No. 166, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	linear speed	provided/not provided
					Linear code (code groups 8B/10B)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code group 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.322.	06.12.2007 No. 144, dated 07.12.2006 No. 158, dated 24.08.2006 No. 113, dated 10.01.2007 No.], dated 22.03.2007 No. 39, dated 12.12.2007 No. 147, dated 06.06.2007 No. 60, dated November 23, 2006 No. 151, dated 24.08.2006 No. 112, dated 07.12.2006 No. 159, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 30 January 2015 No. 484, dated 27.01.2009 No. 1 l, dated 14.09.2010 No. 124, dated October 28, 2008 No. 85), Electrical interfaces 1OGBASE CX4; Other research (testing); methods of other research (testing) without specification				maximum length Segment	provided/not provided
					Environment (4 shielded pairs in each direction)	provided/not provided
					Topology (point-to-point)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.323	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 19. Methodology for checking compliance with requirements for network access interfaces data transmission at 1000 Mbit/s (Gigabit Ethernet) (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 19 April 2007 No. 48, dated 31 May 2007 No. 58, dated 11.12.2006 No. 166, 06.12.2007 No. 144, dated 07.12.2006 No. 158, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 22.03.2007 No. 39, dated 12.12.2007 No. 147, dated 06.06.2007 No. 60, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 07.12.2006 No. 159, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders Ministry of Communications of Russia dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated October 30, 2009 No. 136, dated 21.03.2017 No. 129, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	central ranges wavelengths (770 - 860 nm, 1270 - 1355 nm, 1520 - 1580 nm)	provided/not provided
					Line speed	provided/not provided
					Line code (binary NRZ, 8B/10B)	provided/not provided
					maximum line length	provided/not provided
					maximum power level at reception	from minus 50 to 8 (dBm)

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.323.	12.01.2009 No. 1, dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated October 28, 2008 No. 85), Optical interfaces IOOO BASE SX, 1OOO BASE LX, 1 OOO BASE ZX; Other research (testing); methods of other research (testing) without specifying				minimum level Received power	from minus 50 to 8 (dBm)
					Fiber type (MMF, SMF)	provided/not provided
					Topology (point-to-point)	provided/not provided
					maximum transmission power level	from minus 50 to 8 (dBm)
					minimum transmission power level	from minus 50 to 8 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.324	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 19. Methodology for testing compliance with requirements for network access interfaces data transmission at speeds 1000 Mbit/s (Gigabit Ethernet) (orders of the Ministry of of Russia dated 27.08.2007 No. No. 48 dated 19.04.2007, May 31, 2007 No. 58, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 22.03.2007 06.06.2007 No. 60, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 07.12.2006 No. 159, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders Ministry of Communications of 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video Equipment Communication; Communication means, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	linear speed	provided/not provided
					Linear code (4D-RAM5, BINARY NRZ, 8V/10V)	provided/not provided
					maximum segment length	provided/not provided
					medium (four symmetrical pairs of category 5, two symmetrical pairs of category 5)	provided/not provided
					topology (point-to-point)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.324.	12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated October 28, 2008 No. 85), Electrical interfaces 1000 BASE T, 1000 BASE SK; Other research (testing); methods of other research (testing) without specification					
1.325.	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 20. Methodology for verifying compliance with requirements for data transmission network access interfaces at a speed of 100 Mbit/s (Fast Ethernet) (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 48 dated April 19, 2007, May 31, 2007 No. 58, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, dated 24.08.2006 No. 113, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	central ranges (770 - 860 nm, 1260 - 1360 nm, 1480 - 1580 nm (DS), 1260-1360 nm (US))	provided/not provided
					linear velocity	provided/not provided
					Linear code (NRZI, 4B/5B)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.325.	10.01.2007 No. 1, dated 22.03.2007 No. 39, dated 12.12.2007 No. 147, dated 06.06.2007 No. 60, dated November 23, 2006 No. 151, dated 24.08.2006 No. 112, dated 07.12.2006 No. 159, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated October 28, 2008 No. 85), Optical interfaces 100 BASE FX, 100 BASE LX1O, 100 BASE BX1O; Other research (testing); methods of other research (testing) without specification				maximum Line length	provided/not provided
					Maximum power level at reception	from minus 50 to 8 (dBm)
					Minimum extinction coefficient	from minus 20 to 60 (dB)
					minimum power level at reception	from minus 50 to 8 (dBm)
					fiber type (MMF, SMF)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.325.					Topology (point-to-point)	provided/not provided
					Maximum transmission power level	from minus 50 to 8 (dBm)
					Minimum transmission power level	from minus 50 to 8 (dBm)
1.326	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 20. Methodology for verifying compliance with requirements for interfaces for access to data transmission networks at a speed of 100 Mbit/s (Fast Ethernet) (Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 48 dated April 19, 2007, May 31, 2007 No. 58, 11 December 2006 No. 166, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Line speed	provided/not provided
					Linear code (code groups 8B/10B MLT3, 4B/5B, 8B/6T)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.326.	06.12.2007 No. 144, dated 07.12.2006 No. 158, dated 24.08.2006 No. 113, dated 10.01.2007 No.], dated 22.03.2007 No. 39, dated December 12, 2007 No. 147, dated 06.06.2007 No. 60, dated November 23, 2006 No. 151, dated 24.08.2006 No. 112, dated December 7, 2006 No. 159, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 30 January 2015 No. 484, dated 27.01.2009 No. **1 l,** dated 14.09.2010 No. 124, dated October 28, 2008 No. 85), Electrical interfaces 100 BASE TX, 100 BASE T4; Other studies (tests); methods of other studies (tests) without specification				maximum length Segment	provided/not provided
					Environment (two symmetrical pairs (STP or UTP) of category 5, four symmetrical pairs of category 3)	provided/not provided
					Topology (star)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.327	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 21. Methodology for testing compliance with requirements for network access interfaces data transmission at 10 Mbit/s (Ethernet) (commands Russian Ministry of Communications 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 22.03.2007 No. 39, dated 12.12.2007 No. 147, dated 06.06.2007 No. 60, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 07.12.2006 No. 159, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders Ministry of Communications of Russia dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011	Equipment Communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Means of communication, performing the function switching systems ;	26.30;26.30.2;26.30;26.30.11.110	8517	central ranges wavelengths (800 - 910 nm)	provided/not provided
					Line speed	provided/not provided
					linear code (Manchester)	provided/not provided
					maximum line length	provided/not provided
					maximum power level at reception	from minus 50 to 8 (dBm)

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.327.	No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Optical interfaces 10 BASE FP, 10 BASE FL; Other research (testing); methods of other research (testing) without specification				minimum coefficient Extinction	from minus 20 to 60 (dB)
					Minimum power level at reception	from minus 50 to 8 (dBm)
					fiber type (MMF)	provided/not provided
					topology (point-to-point)	provided/not provided
					maximum transmission power level	from minus 50 to 8 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.327					Minimum transmission power level	from minus 50 to 8 (dBm)
1.328	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 21. Methodology for testing compliance with network access interfaces data transmission at a speed of 10 Mbit/s (Ethernet) (commands Ministry of Communications of 27.08.2007 No. 101, from 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 11.12.2006 No. 166, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 22.03.2007 06.06.2007 No. 60, dated 23.11.2006 No. 151, dated 24.08.2006 No. 112, dated 07.12.2006 No. 159, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video Communication equipment communication; Communication equipment, performing the function switching systems ;	26.30;26.30.2;26.30;26 .30.11.110	8517	linear speed	provided/not provided
					Line code (Manchester)	provided/not provided
					maximum segment length	provided/not provided
					medium (4 shielded pairs in each direction; 0.5-inch coaxial cable (50 ohms), 0.25-inch coaxial cable inch (50 Ohm) coaxial cable, unshielded twisted pair category 3)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.328	Ministry of Communications of Russia dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30 **October** 2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated October 28, 2008 No. 85), Electrical interfaces 10 BASE 5, 10 BASE 2, 10 BASE T; Other research (testing); methods of other research (testing) without specification				topology: point-to-point star)	provided/not provided (bus,
1.329.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 22. Methodology for verifying compliance with the requirements for low-speed digital subscriber lines (orders of the Ministry of Communications of Russia dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, orders	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	attenuation of asymmetry of input and output circuits at a frequency of 40 kHz (not less than 55 dB)	from minus 20 to 60 (dB)
					linear code: 2BlQ	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.329	Ministry of Communications of Russia dated 28.03.2011 No. 47, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124); Other research (testing); other research (testing) methods without specification				Nominal transmission speed of transmission: 160 kbit/s	provided/not provided
					Nominal load resistance (135 ohms)	from 3 to 3000 (ohms)
					Spectral signal power density at frequencies below 50 kHz (no more than minus 30 dBm/Hz)	from minus 70 to 20 (dBm)
					signal power level in the frequency band from 0 to 80 kHz (no more than 14 dBm)	from minus 70 to 20 (dBm)
					Line noise levels in the frequency range from 10 Hz to 300 kHz at maximum line attenuation of 37 dB at a frequency of 80 kHz (not less than 10 μV/Hz)	from minus 103 to O (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.330	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 23. Methodology for verifying compliance with the requirements for high-speed digital subscriber lines HDSL (orders of the Ministry of Communications and Mass Media of Russia dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, orders of the Ministry of Communications of Russia dated 28.03.2011 No. 47, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Use of linear code 2B I Q; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26.30.11.110	8517	Asymmetry attenuation of input and output signals) when using a 2B IQ linear code (for a speed of 784 kbit/s (50 dB at a frequency of 196 kHz); 1168 kbit/s (50 dB at a frequency of 292 kHz); 2320 kbit/s (50 dB at frequency of 485 kHz))	from minus 20 to 60 (dB)
					linear code: 2BlQ	provided/not provided
					maximum line attenuation at a frequency of 150 kHz when using linear code 2B1Q	from minus 20 to 60 (dB)
					Nominal load resistance (135 Ω) when using linear code 2BlQ	from 3 to 3000 (ohms)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.330					Transmission speed at using linear code 2B lQ (during transmission: over three cable pairs: 784 kbit/s; over two cable pairs: 1168 kbit/s; over one cable pair: 2320 kbit/s)	provided/not provided
					spectral power density when using linear code 2B1Q (for speeds: 784 kbit/s (minus 37 dBm/Hz at frequencies below 196 kHz); 1168 kbit/s (minus 39 dBm/Hz at frequencies below 292 kHz); 2320 kbit/s (minus 41 dBm/Hz at frequencies below 485 kHz))	from minus 70 to 20 (dBm)
					signal power level (no more than 14 dBm) when using linear code 2B\Q	from minus 70 to 20 (dBm)
					linear noise levels (not less than 10 μV/Hz) when using linear code 2B\Q	from minus 103 to O (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.331	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 23. Methodology for verifying compliance with the requirements for high-speed digital subscriber lines HDSL (orders of the Ministry of Communications and Mass Media of Russia dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, orders of the Ministry of Communications of Russia dated March 28, 2011, No. 47, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Use of linear CAP code; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	attenuation of asymmetry of input and output цепы when using linear CAP code (for speeds: 1168 kbit/s (50 dB in the range from 21.5 to 255 kHz); 2320 kbit/s (50 dB in range from 33 to 420 kHz))	from minus 20 to 60 (dB)
					linear code: CAP	provided/not provided
					Maximum line attenuation at a frequency of 150 kHz when using a linear CAP code	from minus 20 to 60 (dB)
					Nominal load resistance (135 Ω) when using linear CAP code	from 3 to 3000 (ohms)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.331					Transmission speed using linear CAP code (during transmission: over two cable pairs: 1168 kbit/s; over one cable pair: 2320 kbit/s)	provided/not provided
					Spectral power density of the signal when using a linear CAP code (for speeds: 1168 kbit/s (minus 40 dBm/Hz at frequencies from 39 kHz to 238 kHz; minus 60 dBm/Hz at a frequency of 4 kHz); 2320 kbit/s (minus 40 dBm/Hz at frequencies from 62 kHz to 390 kHz; minus 60 dBm/Hz at a frequency of 4 kHz))	from minus 70 to 20 (dBm)
					signal power level (no more than 14 dBm) when using linear CAP code	from minus 70 to 20 (dBm)
					linear noise levels (not less than 10 μV/Hz) when using linear SAR code	from minus 103 to O (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.332	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 24. Methodology for verifying compliance with the requirements for high-speed digital subscriber lines MDSL (orders of the Ministry of Communications and Mass Media of Russia dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, orders of the Ministry of Communications of Russia dated March 28, 2011, No. 47, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124); Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	attenuation of asymmetry of input and output цепей at frequencies below 0.25X kHz (not less than 50 dB)	from minus 20 to 60 (dB)
					linear code: 2B1Q	provided/not provided
					nominal transmission speed (X): from 240 to 700 kbit/s	provided/not provided
					Nominal load resistance (135 Ω)	from 3 to 3000 (ohms)
					Signal power level (no more than 15 dBm)	from minus 70 to 20 (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.332.					Line noise levels with a uniform spectrum (white noise) in the frequency range from 0.3 to 1500 kHz at maximum line attenuation (not less than 10 μV/Hz)	from minus 103 to O (dBm)
1.333.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 25. Methodology for verifying compliance with the requirements for high-speed ADSL digital subscriber lines (orders of the Ministry of Communications of Russia dated June 6, 2007, No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, orders of the Ministry of Communications of Russia dated March 28, 2011, No. 47, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), ADSL.dmt/ADSL2; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	attenuation of asymmetry of the input and output of a linear interface in the frequency range from 30 to 1104 kHz (not less than 40 dB)	from minus 20 to 60 (dB)
					Interval between subcarrier frequencies: 4.3125 kHz	provided/not provided
					Linear code: DMT	provided/not provided
					Linear noise with uniform spectrum (in frequency ranges: from I to 700 kHz; from 700 to 1500 kHz)	from minus 103 to O (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.333					Maximum speed of two-way channel transmission: 640 kbit/s (up to 800 kbit/s)	provided/not provided
					Maximum downstream channel transmission speed: 144 kbit/s (up to 8000 kbit/s)	provided/not provided
					Maximum line attenuation at 300 kHz (not less than 25 dB)	from minus 20 to 60 (dB)
					Nominal load resistance (100 ohms)	from 3 to 3000 (ohms)
					transmission speed in the range: 32 kbit/s	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.333					Spectral density Output signal power in the low-frequency channel from 0 to 4 kHz (in the frequency ranges: from 25.9 to 1104 kHz (minus 35 dBm/Hz); from 0 to 4 kHz (minus 97 dBm/Hz))	from minus 70 to 20 (dBm)
					Spectral power density of the output signal when working with U-interface equipment (in the frequency ranges: from 80 (90) to 1104 kHz (minus 35 dBm/Hz); from 0 to 50 (70) kHz (minus 90 dBm/Hz))	from minus 70 to 20 (dBm)
					output signal power level (no more than 18 dBm)	from minus 70 to 20 (dBm)
1.334.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 25. Methodology for verifying compliance with the requirements for high-speed ADSL digital subscriber lines	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	attenuation of asymmetry of the input and output of a linear (dB) interface in the frequency range from 30 to 552 kHz (not less than 40 dB)	from minus 20 to 60

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.334.	(Orders of the Ministry of Communications and Mass Media of Russia dated June 6, 2007, No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, orders of the Ministry of Communications of Russia dated 28.03.2011 No. 47, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), ADSL.lite; Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of switching systems;			Linear code: DMT	provided/not provided
					Linear noise with uniform spectrum (in frequency ranges: from I to 550 kHz; from 550 to 1500 kHz)	from minus 103 to O (dBm)
					maximum transmission speed of a two-way channel: 512 kbit/s	provided/not provided
					maximum transmission speed of the downlink channel: 1536 kbit/s	provided/not provided
					maximum line attenuation at a frequency of 300 kHz (not less than 40 dB)	from minus 20 to 60 (dB)

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Detection range
1.334.					Nominal load Resistance (100 ohms)	from 3 to 3000 (ohms)
					Spectral power density of output signal (in frequency ranges: from 26 to 552 kHz (minus 34 dBm/Hz); from 0 to 4 kHz (minus 92 dBm/Hz))	from minus 70 to 20 (dBm)
					output signal power level (no more than 15 dBm)	from minus 70 to 20 (dBm)
1.335.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 25. Methodology for verifying compliance with the requirements for high-speed ADSL digital subscriber lines (orders of the Ministry of Communications and Mass Media of Russia dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, orders of the Ministry of Communications of Russia dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Asymmetry attenuation of input and output circuits in the frequency range from 25 to 2208 kHz (not less than 40 dB)	from minus 20 to 60 (dB)
					Line code: DMT	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.335	28.03.2011 No. 47, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124), ADSL2/2+; Other research (testing); methods of other research (testing) without specification				Linear noise with a uniform spectrum in the frequency range from **l** to 3000 kHz	from minus 103 to O (dBm)
					maximum downstream/upstream channel transmission speed: 16000/800 kbit/s (up to 27000/1536 kbit/s)	provided/not provided
					maximum line attenuation at a frequency of 300 kHz (not less than 22 dB)	from minus 20 to 60 (dB)
					Nominal load resistance (100 ohms)	from 3 to 3000 (ohms)
					spectral power density of the output signal (in the frequency ranges: from 25.9 to 1104 kHz (minus 35 dBm/Hz); from 120 to 1104 kHz (minus 35 dBm/Hz); from 1622 to 2208 kHz (minus 46 dBm/Hz); from 0 to 4 kHz (minus 97	from minus 70 to 20 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.335					from 50 to 80 kHz (minus **81** dBm/Hz); from 0 to 50 kHz (minus 90 dBm/Hz)	
					Power level of the output signal (not (dBm) more than 18 dBm)	from minus 70 to 20
1.336.	The program and methodology for type conformity testing were approved by the SPbGUT Testing Center on January 10, 2017. Appendix 25. Methodology for verifying compliance with the requirements for high-speed ADSL digital subscriber lines (orders of the Ministry of Communications and Mass Media of Russia dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, orders of the Ministry of Communications of Russia dated March 28, 2011, No. 47, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Parameters of a decoupling device for organizing a low-frequency channel from 0 to 4 kHz in a single pair	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	Amplitude-frequency distortion in the frequency range from 0.2 to 4.0 kHz relative to the frequency of 1000 Hz	from minus 20 to 60 (dB)
					introduced attenuation at a frequency of 1000 Hz	from minus 20 to 60 (dB)
					DC resistance	from 3 to 3000 (ohms)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.336.	in conjunction with ADSL/ADSL2/ADSL2+ asymmetric digital subscriber line equipment; other other studies (tests); methods of other studies (tests) without specification				Reflection attenuation relative to nominal resistance value	from minus 20 to 60 (dB)
					attenuation of longitudinal currents	from minus 20 to 60 (dB)
					Nominal load resistance value of a two-wire channel termination	from 3 to 3000 (ohms)
					Nominal channel input level	from minus 70 to 20 (dBm)
					DC component of current when sending a call signal with a voltage of 110 V rms	from 0.1 to 10000.0 (mA)

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.336					Psophometric noise power in the channel	from minus 103 to O (dBm)
1.337.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 25. Methodology for verifying compliance with the requirements for high-speed ADSL digital subscriber lines (Orders of the Ministry of Communications and Mass Media of Russia dated June 6, 2007, No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, orders of the Ministry of Communications of Russia dated March 28, 2011, No. 47, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Parameters of the decoupling device for organizing joint transmission of ISDN U-interface signals in a single pair together with ADSL/ADSL2/ADSL2+ asymmetric digital subscriber line equipment; Other Research	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	insertion loss (in frequency ranges: from 1 to 60 kHz; from 60 to 80 kHz)	from minus 20 to 60 (dB)
					DC input resistance	from 3 to 3000 (ohms)
					Asymmetry attenuation (in frequency ranges: from **1** to 60 kHz; from 60 to 80 kHz)	from minus 20 to 60 (dB)
					reflection attenuation relative to nominal resistance (in frequency ranges: from 1 to 60 kHz; from 60 to 80 kHz)	from minus 20 to 60 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.337.	(tests); methods of other studies (tests) without specification				Nominal value load resistance (ohms) two-wire termination channel when using codes: 2BlQ, 4B3T	from 3 to 3000
					level of interference introduced by ADSL into the ISDN path (on (dBm) on the station side; on subscriber side)	from minus 103 to O
1.338.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 26. Methodology for verifying compliance with the requirements for high-speed digital subscriber lines SHDSL (orders of the Ministry of Communications of Russia dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, orders of the Ministry of Communications of Russia dated March 28, 2011, No. 47, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Requirements for SHDSL symmetrical digital subscriber lines; Other research (testing); Other methods	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	number used pairs in one SHDSL symmetrical digital subscriber line system: from I to 4	provided/not provided
					Nominal load resistance of a symmetrical digital subscriber line SHDSL (135 Ohm)	from 3 to 3000 (ohms)
					output signal power level of a symmetrical digital subscriber line SHDSL (no more than 20 dBm)	from minus 70 to 20 (dBm)

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.338.	Research (testing) without clarification					
1.339.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 26. Methodology for verifying compliance with the requirements for high-speed digital subscriber lines SHDSL (orders of the Ministry of Communications and Mass Media of Russia dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, orders of the Ministry of Communications of Russia dated March 28, 2011, No. 47, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Use of linear code 16-TCPAM; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	attenuation of asymmetry of input and output circuits at a frequency B/6 corresponding to the maximum linear transmission speed (not less than 40 dB)	from minus 20 to 60 (dB)
					linear code: 16-TCPAM	provided/not provided
					linear noise with a uniform spectrum in the frequency range from 0.3 to 1500 kHz at the reception point at maximum line attenuation (not less than 10 μV/Gu)	from minus 103 to O (dBm)

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.339.					maximum linear Transmission speed per pair:::3856 kbit/s	provided/not provided
					maximum line attenuation (for a speed of 384 kbit/s (43 dB at a frequency of 150 kHz); for a speed of 512 kbit/s (37 dB at a frequency of 150 kHz); for a speed of 1024 kbit/s (26 dB at a frequency of 150 kHz); for a speed of 2048 kbit/s (18 dB at a frequency of 200 kHz); for a speed of 3072 kbit/s (12.5 dB at a frequency of 250 kHz))	from minus 20 to 60 (dB)
					Spectral signal power density in the frequency range below B/6 frequency (minus 40 dBm/Hz)	from minus 70 to 20 (dBm)
1.340.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 26. Methodology for verifying compliance with requirements for high-speed digital	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Equipment	26.30;26.30.2;26.30;26.30.11.110	8517	attenuation asymmetry of input and output circuits (dB) at a frequency of B/8, corresponding to the maximum linear transmission speed (not less than 40 dB)	from minus 20 to 60

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.340.	of the SHDSL subscriber line (orders of the Ministry of Communications and Mass Media of Russia dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, orders of the Ministry of Communications of Russia dated 28.03.2011 No. 47, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Use of linear code 32-TCPAM; Other studies (tests); Methods of other studies (tests) without specification	Communication; Communication devices performing the function of switching systems;			Linear code: 32-TCPAM	provided/not provided
					Linear noise with a uniform spectrum in the frequency range from 0.3 to 1500 kHz at the reception point at maximum line attenuation (not less than 10 μV/Hz)	from minus 103 to O (dBm)
					Maximum linear transmission speed per pair:::5704 kbit/s	provided/not provided
					Maximum line attenuation (for a speed of 1024 kbit/s (20.5 dB at a frequency of 100 kHz); for a speed of 2048 kbit/s (12.5 dB at a frequency of 150 kHz); for a speed of 3072 kbit/s (8.5 dB at a frequency of 150 kHz); for a speed of 4096 kbit/s (6.2 dB at a frequency of 250 kHz); for a speed of 5120 kbit/s (4.3 dB at a frequency of 300 kHz))	from minus 20 to 60 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.340					Spectral signal power density in the frequency range below the B/8 frequency (minus 42 dBm/Hz)	from minus 70 to 20 (dBm)
1.341	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 27. Methodology for verifying compliance with the requirements for high-speed digital subscriber lines VDSL (orders of the Ministry of Communications and Mass Media of Russia dated June 6, 2007, No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, orders of the Ministry of Communications of Russia dated March 28, 2011, No. 47, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Requirements for ultra-high-speed digital subscriber lines VDSL; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	asymmetry attenuation input and output circuits of VDSL (in the frequency range: from 138 to 12,000 kHz (43 dB); at a frequency of 25 kHz (55 dB)	from minus 20 to 60 (dB)
					linear code of ultra-high-speed digital subscriber line VDSL: QAM	provided/not provided
					Line noise with a uniform spectrum in the frequency range from 140 to 12,000 kHz at maximum VDSL line attenuation (not less than 140 dBm/Hz)	from minus 103 to O (dBm)
					maximum VDSL transmission speed (downstream (D): 36000/28288 kbit/s; upstream (U):	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD2 CODE	EAEU HS CODE	Defined characteristic (indicator)	Detection range
1.341.					36000/28288 kbit/s)	
					Maximum VDSL line attenuation	FROM minus 20 TO 60 (dB)
					Nominal load resistance of ultra-high-speed digital subscriber line VDSL (135 Ω)	from 3 to 3000 (ohms)
					Spectral power density of VDSL output signal (in frequency ranges: from 0 to 4 kHz (minus 110 dBm/Hz); from 1100 to 2999 kHz for downstream (minus 50 dBm/Hz); from 3001 to 5099 kHz for upstream (minus 53 dBm/Hz); from 5101 to 7049 kHz for downlink (minus 55 dBm/Hz); from 7050 to 12000 kHz for uplink (minus 57 dBm/Hz)	from minus 70 to 20 (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.341					Signal power level of ultra-high-speed digital subscriber line VDSL (no more than 20 dBm)	from minus 70 to 20 (dBm)
1.342	Program and methodology for type conformity testing, approved by the SPbGUT IC 10.01.2017. Appendix 27. Methodology for verifying compliance with requirements for high-speed digital subscriber lines VDSL (orders of the Ministry of Communications and Mass Media of Russia dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, orders Ministry of Communications of Russia dated 28.03.2011 No. 47, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Parameters of the decoupling device for organizing a low-frequency channel in a single pair together with ultra-high-speed digital subscriber line (VDSL) equipment; Other research (testing); methods of other research (testing)	Communication equipment; Terminal (user) equipment telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Amplitude-frequency distortion in the frequency band from 0.2 to 4.0 kHz relative to the frequency 1000 Gu	from minus 20 to 60 (dB)
					insertion loss (at frequencies: 1000 Hz; 16000 Hz)	from minus 20 to 60 (dB)
					DC insertion resistance	from 3 to 3000 (ohms)
					reflection attenuation relative to the nominal resistance value (in the frequency ranges: from 300 to 3400 Hz; from 3400 to 4000 GHz)	from minus 20 to 60 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.342	without				attenuation of longitudinal currents	from minus 20 to 60 (dB)
					Nominal load resistance value of a two-wire channel termination	from 3 to 3000 (ohms)
					nominal channel input level	from minus 70 to 20 (dBm)
					DC component of current when sending a call signal with a voltage of 110 V rms	from 0.1 to 10,000.0 (mA)
					Photonometric noise power in the channel	from minus 103 to 0 (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.343	Confirmation testing program and methodology type conformity, approved by IC SPbGUT 10.01.2017. Appendix 28. Verification methodology compliance with requirements for ATM interfaces (orders Ministry of Communications of Russia dated 27.08.2007 No. 101, from 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, orders Ministry of Communications of Russia dated 14.12.2015 No. 542, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Services one of the categories; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal equipment (user) telephone or telegraph communications, video communications equipment Equipment Communications; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517		Provided/Not provided
					CBR	provided/not provided
					UBR	provided/not provided
					nrt-YBR	provided/not provided
					rt-YBR	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.344	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 28. Methodology for testing compliance with requirements for ATM interfaces (orders Ministry of Communications of 27.08.2007 No. 101, from 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, orders of the Ministry of 14.12.2015 No. 542, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), one of the levels of adaptation of ATM; Other research (tests); methods of other research (testing) without specification	Equipment Communication; Terminal equipment (user) telephone or telegraph communication, video Equipment Communications; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	AALI	provided/not provided
					AAL2	provided/not provided
					AAL3/4	provided/not provided
					AAL5	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.345.	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 28. Methodology for verifying compliance with ATM interface requirements (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, from 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, orders Ministry of Communications of Russia dated 14.12.2015 No. 542, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Level of of adaptation of AAll; Other research (tests); methods of other research (testing) without specification	Equipment communication; Terminal equipment (user) telephone or telegraph Communications, video communications equipment Communication equipment; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	indication of loss or distortion of information in if it is impossible to restoration by means of AALl	provided/not provided
					transmission of SDU blocks from the source at a constant speed and delivery to the receiver at the same speed	provided/not provided
					transmission of data on the structure of information between the source and the receiver	provided/not provided
					transmission of synchronization information between the source and receiver	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.346	Program and methodology confirmation tests type conformity, Approved by IC SPbGUT January 10, 2017. Appendix 28. Methodology for testing compliance with requirements for ATMs (commands Ministry of Communications of Russia from 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, from 06.12.2007 No. 144, orders of the Ministry of Communications of Russia dated 14.12.2015 No. 542, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Level of adaptation AAL2; Other research (tests); methods of other research (testing) without specification	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communication; Means of communication performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	multiplexing/ demultiplexing AAL2 channels	provided/not provided
					CPS-SDU data transmission, block size up to 45 octets (default) or 64 octet	provided/not provided
					supporting the integrity of the CPS SDU sequence on each AAL2 channel	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.347	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 28. Methodology for testing compliance with requirements for ATM interfaces (orders Ministry of Communications of 27.08.2007 No. 101, from 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, orders of the Ministry of 14.12.2015 No. 542, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Levels AAL3/4 and AAL5; Other studies (tests); methods of other research (testing) without specification	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video Equipment Communications; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	stream mode	provided/not provided
					message mode	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (Indicator)	Determination range
1.348	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 28. Methodology for testing fulfillment of requirements for ATM interfaces (commands Ministry of Communications of Russia dated 27.08.2007 No. 101, from 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, orders of the Ministry of Communications of Russia dated 14.12.2015 No. 542, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 14.09.2010 No. 124, dated October 28, 2008 No. 85), Demultiplexing at reception and multiplexing during transmission; Other research (testing); methods of other research (testing) without specification	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication ; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Demultiplexing acceptance and multiplexing on transmission of virtual routes in accordance with field value identifiers virtual path and virtual channel	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.349	Program and methodology confirmation tests type matching, approved by the SPbGUT IC 10.01.2017. Appendix 28. Methodology for checking compliance with requirements for ATM interfaces (orders Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, orders of the Ministry of Communications of Russia dated 14.12.2015 No. 542, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Discarding at reception insignificant cells and cells with invalid values of identifiers virtual path and virtual channel; Other research (tests); methods of other research (testing) without specification	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communications; Communication equipment, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Discarding at reception insignificant cells and cells with invalid values identifiers of the virtual path and virtual channel	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.350	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 28. Methodology for testing compliance with requirements for ATMs (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, from 31.05.2007 No. 58, from 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, orders Ministry of Communications of Russia dated 14.12.2015 No. 542, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Structure of ATM cells; Other research (testing); methods of other research (testing) without specification	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Communication equipment; Communication means, acting as switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	loss priority bit cells	provided/not provided
					virtual channel identifier	provided/not provided
					virtual path identifier	provided/not provided
					header error control	provided/not provided
					General flow control	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.350					Payload type	Provided/Not provided
1.351	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (protocol N.323) (orders of the Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Composition Minutes No. 323; Other	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	signaling protocol and multimedia information flow definition (H.225)	provided/not provided
					control protocol for multimedia information communication (H.245)	provided/not provided
					registration, admission, status (RAS) control protocol	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.351.	research (testing); methods of other research (testing) without specification					
1.352	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (N.323 protocol) (orders of the Ministry of Communications and Mass Media of Russia dated December 6, 2007, No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Application of protocol	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	signaling support RAS in switching equipment that performs the functions of a router, gateway, or terminal equipment and uses the H.323 protocol	provided/not provided
					registration, admission, and status determination of terminal equipment (gateway or user terminal equipment)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.352.	RAS alarms; Other studies (tests); Methods of other studies (tests) without specification					
1.353.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (protocol N.323) (orders of the Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), RAS signaling functions; Other	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	bandwidth change channel bandwidth for transmission of voice, video, and multimedia information	provided/not provided
					location of a repeater where terminal equipment can be registered	provided/not provided
					release of channel bandwidth used for transmission of voice, video, and multimedia information	provided/not provided
					Obtaining additional information about terminal equipment	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.353.	research (testing); methods of other research (testing) without specification				Receipt of signals of terminal equipment status	provided/not provided
					registration of terminal equipment on the rating system	Provided/Not provided
					Reservation of channel bandwidth for transmission of voice, video, and multimedia information	provided/not provided
					deletion of data entered during terminal equipment registration	provided/not provided
					resource management	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (Indicator)	Determination range
1.354	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 29. Methodology for testing compliance with packet transmission protocol information multimedia information (protocol N.323) (orders Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Transfer alarm messages RAS; Other research (tests); methods of other research (testing) without specification	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication equipment; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	message transmission RAS alarm in the field UDP packet load	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.355	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 29. Communication testing methodology compliance with requirements packet transmission protocol information multimedia information (protocol N.323) (commands Ministry of Communications of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders Ministry of Communications of Russia dated 27.06.2011 No. 160, from 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Finding the gatekeeper one of two methods; Other research (testing); methods of other research (testing)	Equipment communication ; Terminal equipment (user) telephone or telegraph Communication equipment, video communication equipment Equipment communication ; Communication means, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	by mail messages "request gatekeeper" (GRQ) on connection configuration "point-to-multipoint": terminal equipment sends a GRQ message connection point-to-point configuration multipoint" with point identifier access to transport service (TSAP), equal to 1718; in response, the gatekeeper transmits the message "confirmation Gatekeeper (GCF), if it will handle requests from the terminal equipment, or message "refusal gatekeeper" (GRJ), in which contains the reason for refusal in case of refusal service terminal equipment if available alternative gatekeeper, then in the GRJ message contains the address alternative gatekeeper)	provided/not provided

without clarification				

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.355.					using the service Domain Name System (DNS): terminal equipment receives the transport address of the r-gatekeeper corresponding to its mnemonic name and transmits a GRQ message to this gatekeeper; after the terminal equipment receives the GCF message, a logical signaling channel with a TSAP identifier of 1719 is established between the gatekeeper and the terminal equipment, through which the remaining RAS signaling messages will be transmitted	provided/not provided
1.356.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 29. Methodology for verifying compliance with the requirements for the information packet transfer protocol	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	gatekeeper transmission terminal equipment: for message registration failure "registration failure" (RRJ)	provided/not provided to

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.356.	multimedia information (protocol N.323) (orders of the Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Processing of terminal equipment registration messages by a rating system; Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of switching systems;			transmission by a rater terminal equipment: to confirm the registration of terminal equipment, the "registration confirmation" (RCF) message message to the router network and mnemonic address in the "registration request" (RRQ) message when registering terminal equipment (after finding the repeater or when turning on the terminal equipment)	provided/not provided to provided/not provided its
1.357.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 29. Methodology for verifying compliance with packet transfer protocol requirements	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Equipment	26.30;26.30.2;26.30;26.30.11.110	8517	Transmission by radio for confirmation of data deletion data to terminal equipment message "confirmation of deregistration" (UCF)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.357.	Information multimedia information (protocol N.323) (commands Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11,** dated September 14, 2010 No. 124), Deletion by the gatekeeper of data entered during registration terminal equipment, upon receipt from terminal a message "registration cancellation request" (URQ); Other research (tests); methods of other research (testing) without specification	Communication; Means of communication, performing the function switching systems ;			transmission by gatekeeper when refusal to delete data messages "refusal to cancel registration" (URJ)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.358	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 29. Methodology for testing compliance with requirements for packet transmission protocol information multimedia information (protocol H.323) (commands Ministry of Communications of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Receipt of additional information by the gatekeeper additional information about terminal equipment; Other research (tests); methods of other research (testing)	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Communication means, performing the function switching systems ;	26.30;26.30.2;26.30;26.30.11.110	8517	gatekeeper processing receipt of message "request location" (LRQ), containing the channel address signaling, channel address RAS, transport and mnemonic addresses terminal equipment (message transmitted via RAS channel with TSAP identifier, equal to 1719, or at the address 224.0.1.41 with TSAP identifier, equal to 1718)	provided/not provided

without specification				

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.358						
1.359	Program and methodology Confirmation tests type conformity, Approved by the Information Center of St. Petersburg State University of Telecommunications 10.01.2017. Appendix 29. Methodology for checking compliance with requirements for packet transmission protocol information multimedia information (protocols N.323) (orders Ministry of Communications of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11,** dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication equipment; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	transmission by the rating officer terminal equipment message "confirmation location" (LCF) for confirmation of receipt additional information	provided/not provided

14.09.2010 No. 124), Transfer by the rating agency to the terminal				

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.359.	equipment for "location confirmation" (LCF) messages to confirm receipt of additional information; Other studies (tests); methods of other studies (tests) without specification					
1.360.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 29. Methodology for testing location requirements packet transfer protocol information multimedia information (protocol N.323) (orders Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. 1, dated 28.03.2011	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication equipment; Means of communication, performing the function switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	gatekeeper transmission, received message LRQ from not registered on it terminal equipment, message "failure location" (LRJ)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.360.	No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Transmission by a rate keeper who has received an LRQ message from terminal equipment not registered with it, of a "location rejection" (LRJ) message; Other studies (tests); methods of other studies (tests) without specification					
1.361.	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (N.323 protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. l, dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Processing by a typewriter receipt of an "access request" (ARQ) message after establishing a logical channel for transmitting H.225 signaling information	provided/not provided
					indication by the user's terminal equipment in the ARQ message of the required transmission speed (without taking into account the size of packet headers and transport protocol blocks transport protocols),	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.361.	21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Reservation of channel bandwidth by a gatekeeper; Other research (testing); methods of other research (testing) without specifying				multiple of 100 bits/s, and the number of channels for transmitting voice, video, and multimedia information	
1.362.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (N.323 protocol) (orders of the Ministry of Communications and Mass Media of Russia dated December 6, 2007, No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.02.2008	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	messages "refusal to access" (ARJ) with indication of the reason for refusal, otherwise	provided/not provided
					"access confirmation" (ACF) message if the network can provide the required parameters	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.362.	No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.20] **1** No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Transfer by gatekeeper to terminal equipment; Other research (testing); methods of other research (testing) without specification					
1.363.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (N.323 protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.02.2008	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	gatekeeper processing receive a "bandwidth request" (BRQ) message, which can be transmitted by both the gatekeeper and the terminal equipment	provided/not provided
					release of the previously allocated channel bandwidth by the gatekeeper	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.363.	No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27 January 2009 No. **11**, dated 14.09.2010 No. 124), Changing the channel bandwidth with a ratekeeper; Other research (testing); Methods of other research (testing) without specification				Transmission by the rating system in Response to the "release confirmation" (DCF) message or the "release denied" (DRJ) message	provided/not provided
					Transmission by the rater in response to a "bandwidth change allowed" (BCF) message or a "bandwidth change denied" (BRJ) message	Provided/Not provided
					Upon receipt by the rating keeper of a "release request" (DRQ) message transmitted by the terminal equipment	provided/not provided
1.364.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transmission protocol (protocol N.323) (orders	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Received by the rater the status signal terminal equipment: transmission by the rating machine of periodic "information request" (IRQ) messages, the interval between which is not less than I O s	provided/not provided by

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.364	Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No.], dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.0 1 .2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27 January 2009 No. **11**, dated 14.09.2010 No. 124), Receipt of terminal equipment status signals by the gatekeeper: periodic transmission of "information request" (IRQ) messages by the gatekeeper, with an interval of at least 10 seconds between messages; Other studies (tests); methods of other studies (tests) without specification					
1.365.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 29.	Communication equipment; Terminal (user) equipment for telephone or telegraph	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	processing by a rater on receiving "information request response" (IRR) to information request" (IRR) containing the type of terminal	provided/not provided for messages

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.365	Verification method compliance with packet transfer protocol information multimedia information (protocol N.323) (commands Ministry of Communications of Russia from 06.12.2007 No. 144, dated 24.08.2006 No. 113, from 10.01.2007 No. 1, dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders Ministry of Communications of Russia from 27.06.2011 No. 160, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124), Processing by the rating officer when receiving messages "response to information request" (IRR); Other research (tests); methods of other research (testing) without clarification	Communication, video communication equipment Real-time communication protocol; Communication tools, performing the function switching systems ;			equipment, addresses protocol channels Real-time Transport Protocol (RTP) and control protocol real-time (RTCP), waiting for a response (if this feature is present the router transmits message "confirmation information request" (IACK) or message "no confirmation receipt of information request" (INAK))	

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.366	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 29. Methodology for checking compliance with packet transfer protocol information multimedia information (protocol N.323) (orders Ministry of Communications of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Resource management gatekeeper; Other research (testing); methods of other research (testing) without specification	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication ; Communication means, performing the function switching systems ;	26.30;26.30.2;26.30;26.30.11.110	8517	confirmation gatekeeper of type conformity of this information transmission message gateway "confirmation of readiness resource" (RAC)	provided/not provided
					message sent by the gateway to the gatekeeper list of supported protocols in the "resource availability indicator" (RAI) message	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.367	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 29. Methodology for testing fulfillment of requirements for packet transmission protocol information multimedia information (protocols N.323) (orders Ministry of Communications of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Use of mnemonic and transport addresses for identifying terminal equipment; Other research (tests); methods of other	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	use mnemonic and transport address for identification of terminal equipment (грейткипер has only transport address)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.367.	(tests) without specification					
1.368	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (N.323 protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Format mnemonic address format;	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	address in 16-bit format character encoding (UNICODE)	provided/not provided
					Internet Protocol (IP) address	provided/not provided
					address in universal resource locator (URL) format	provided/not provided
					email address	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.368	Other research (testing); methods of other research (testing) without specification				number in accordance with the numbering plan corporate network	provided/not provided by
					fifteen-digit numbering for public networks in accordance with the E.164 international public communications numbering plan	provided/not provided
1.369.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (N.323 protocol) (orders of the Ministry of Communications and Mass Media of Russia dated December 6, 2007, No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	transport compliance address to an address in IP format version 4	is ensured/not ensured

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.369	27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Compliance of the transport address with the IP version 4 address format; Other studies (tests); methods of other studies (tests) without specification					
1.370.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (protocol N.323) (orders of the Ministry of Communications and Mass Media of Russia dated December 6, 2007, No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	use TSAP identifier for identifying messages transmitted from different terminal equipment	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.370	Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12 January 2009 No. **1,** dated 28 March 2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Use of TSAP identifier to identify messages transmitted from different terminal equipment; Other research (testing); methods of other research (testing) without specification					
1.371.	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (N.323 protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	signaling support N.225	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.371.	10.01.2007 No. 1, dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Support for alarm system N.225; Other research (testing); methods of other research (testing) without specification					
1.372.	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (protocol N.323) (orders of the Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Interaction between gateways (in the absence of a reitkaper)	provided/not provided
					Interaction between the gateway and the rating system	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.372.	10.01.2007 No. 1, dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Alarm functions alarm functions N.225; Other research (testing); methods of other research (testing) without specification					
1.373.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (protocol N.323) (orders of the Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 06.02.2008	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	transmission and reception information on the status in the "Alerting" message	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU Foreign Economic Activity Code	Defined characteristic (Indicator)	Definition range
1.373.	No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Transfer and receiving information on employment status in the message "Alerting"; readiness" (Alerting); Other research (testing); methods of other research (testing) without specification					
1.374.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (protocol N.323) (orders of the Ministry of Communications and Mass Media of Russia dated December 6, 2007, No. 144, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	on the start of call processing in in the "Call Proceeding" message	provided/not provided
					about establishing a connection in the "connection" message (Connect)	secured/not secured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.374.	24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124), Transfer of information by the receiving party information; Other research (tests); methods of other research (testing) without specification					
1.375.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (protocol N.323) (orders of the Ministry of Communications and Mass Media of Russia dated December 6, 2007, No. 144, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	request for information on current call status is carried out in the "status inquiry" message	provided/not provided
					the transmitting party informs the receiving party about the start of connection establishment in the "Setup" message	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Definition range
1.375.	24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27 January 2009 No. 11, dated 14.09.2010 No. 124), Reports N.225; Other studies (tests); methods of other studies (tests) without specification				gateway notification of Upon completion of the call and release of the connection with the message "Call Complete" (Release Complete) from the call and gateway control device	provided/not provided
					Additional information about the call and the capabilities of the terminal equipment (terminals) is transmitted in the "Information" message	Provided/Not provided
					Information about the current call status is transmitted in the "Status" message	provided/not provided
					Transmission by the gateway of information about the start of the connection establishment phase (before the Connect message is transmitted) in the "Progress" message	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.375.					Confirmation the receiving party readiness to initiate connection with the message "Setup Acknowledge"	provided/not provided by
1.376.	The program and methodology for testing type conformity, approved by the SPbGUT IC on January 10, 2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (N.323 protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. 11, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	T301 timer determining time after which the calling party forcibly terminates the call (not less than 180 seconds)	provided/not provided
					T303 timer determining the waiting time for receiving Alerting, Call Proceeding, Connect, Release Complete messages (waiting time does not exceed 4 seconds)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.376	14.09.2010 No. 124), Parameters for implementing protocol H.225; Other studies (tests); methods for other studies (tests) without specification					
1.377.	Program and methodology confirmation tests type conformity, Approved by IC SPbGUT 10.01.2017. Appendix 29. Methodology for testing fulfilling requirements for packet transmission protocol information multimedia information (protocol N.323) (orders Ministry of Communications of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication ; Means of communication, performing the function switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	Protocol support control N.245 in switching equipment, performing the functions gatekeeper, gateway, or terminal equipment and using the N.323	provided/not provided

27.01.2009 No. **11**, dated				

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.377.	14.09.2010 No. 124), Use of alarm systems N.245; Other research (testing); methods of other research (testing) without specification					
1.378.	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 29. Verification methodology compliance with packet transfer protocol information multimedia information (protocols N.323) (orders Ministry of Communications of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communications, video communications equipment Equipment communication equipment; Means of communication, performing the function switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	H.245 protocol functions	provided/not provided

27.01.2009 No. **11**, dated				

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.378.	14.09.2010 No. 124), Functions of Protocol No. 245; Other research (testing); methods of other research (testing) without specification					
1.379	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 29. Verification methodology compliance with packet transfer protocol information multimedia information (protocols N.323) (orders Ministry of Communications of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124),	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication equipment; Means of communication, performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	RTP channel management and exchange of information on terminal capabilities equipment	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.379	RTP channel management and exchange of information on terminal equipment capabilities; Other research (testing); Methods of other research (testing) without specification					
1.380	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 29. Methodology for testing compliance with requirements packet transmission protocol information multimedia information (protocol N.323) (orders Ministry of Communications of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Communication devices, performing the function switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	creation of a gatekeeper channel for transmission protocol information of Department No. 245 between transmitting and receiving terminal equipment using signaling N.225	provided/not provided

15.09.2015 No. 346, dated				

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.380	27.01.2009 No. **11,** dated 14.09.2010 No. 124), Creation of a channel by a repeater for transmitting N.245 control protocol information between transmitting and receiving terminal equipment using N.225 signaling; Other research (testing); methods of other research (testing) without specification					
1.381.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (protocol N.323) (orders of the Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	transmission to terminal equipment (if it does not support the specified capabilities) message "rejection of equipment capability set" (terşinalCapabilitySetReject) with an indication of the reason	provided/not provided
					transmission by terminal equipment of information about supported control protocols and coding algorithms for speech, video, and multimedia information in	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.381	Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12 January 2009 No. **1,** dated 28 March 2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Exchange of alarm information N.245 on the capabilities of terminal equipment; Other research (testing); methods of other research (testing) without specifying				the message "set of equipment capabilities" (terminalCapabilitySet)	
					confirmation by terminal the equipment (if it supports the specified capabilities) Receipt of the terminalCapabilitySet message with the message "confirmation of the equipment capability set" (term inalCapabi litySetAck)	provided/not provided by
1.382.	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (H.323 protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	determination of leading and slave terminal equipment based on random number values	provided/not provided
					message "master-slave determination rejection" (masterSlaveDeterrnination Reject) if the random number values match	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.382	10.01.2007 No. 1, dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders Ministry of Communications of Russia dated 27.06.2011 No. 160, from 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Notice "determination master and slave" (masterSlaveDetermination) to determine the initiator of the connection (master); Other research (tests); methods of other research (testing) without specification				message "confirmation determination of the leading and the subordinate" (masterSlaveDeterm ination Ack) for confirmation terminal transition of equipment to the master or slave	provided/not provided
1.383.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 29. Methodology for verifying compliance with the requirements for the multimedia information packet transfer protocol (N. protocol	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of	26.30;26.30.2;26.30;26 .30.11.110	8517	transmission in message logical channel number (used to identify information from a single call when there are several simultaneous calls), type of information (audio, video)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.383.	323) (Orders of the Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Transmission of information by terminal equipment to establish an RTP channel; Other research (testing); methods of other research (testing) without specifying	switching systems;			transmission of parameters for RTP channel in the "openLogicalChannel" message	provided/not provided
					Transmission of the "openLogicalChannelReject" message indicating the reason for the rejection if it is impossible to open the logical channel	provided/not provided
					Transmission of the "logical channel opening confirmation" (openLogicalChannelAck) message when opening a logical channel	provided/not provided
1.384.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 29. Methodology for verifying compliance with the requirements for the information packet transmission protocol	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	RTP channel closure the terminal equipment requirement or when an error is detected	provided/not provided by

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.384.	multimedia information (protocol N.323) (orders of the Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 06.02.2008 No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.06.2011 No. 160, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Transmission of information about the closure of the RTP channel by terminal equipment; Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of switching systems;			channel closure with the initiator's indication of closure with the message "closeLogicalChannel" confirmation of transmission information for closing channel with the message "confirmation of logical channel closure" (closeLogicalChannelAck)	is ensured/not ensured by ensured/not ensured
1.385.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 30. Methodology for verifying compliance with the initiation protocol requirements	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Equipment	26.30;26.30.2;26.30;26.30.11.110	8517	SIP protocol implementation	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.385.	Communication session (SIP protocol) (Orders of the Ministry of Communications of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14 December 2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009, No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **I,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Implementation of the protocol SIR; Other research (tests); methods of other research (testing) without specification	communication; Means of communication, performing the function switching systems;				

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.386	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 30. Methodology for checking fulfillment of requirements for protocol and initiation communication session (SIP protocol) (orders of the Ministry of Communications Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, from 19.04.2007 No. 48, from 31.05.2007 No. 58, dated 06.12.2007 No. 144, from 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, from 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124),	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication ; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Connection initiation by both the customer and by the server side when need for transfer response to a specified address when exchanging messages SIP protocol; server keeps open established TSR connection until completion SIR transactions	provided/not provided
					transmission of SIP protocol messages in TCP or UDP protocol packets for all messages sent by the equipment under test	provided/not provided
					port 5060 is specified in all messages sent by the tested equipment	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.386.	Transport protocol and port; Other studies (tests); Methods of other studies (tests) without specification					
1.387.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 30. Verification methodology compliance with requirements for initiation protocol communication session (SIP protocol) (orders of the Ministry of Communications Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph connection, video communication equipment Equipment communication; Means of communication, performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	as addresses used standardized SIP resource pointers URL: name@domain, name@host, name@IP address, phone number@gateway	provided/not provided

27.06.2011 No. 160, dated				

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.387	21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Principle SIP address; Other research (tests); methods of other research (testing) without specification					
1,388.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the communication session initiation protocol (SIP protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated December 6, 2007, No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated April 21, 2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	"Completion" (VUE) for providing the called or calling party with the ability to terminate the connection; response with code 200	provided/not provided
					"Subscription request" (SUBSCRIBE) to request information about the current status and status updates of a remote resource. A "subscription request" is confirmed by a final response	provided/not provided

Russia dated				

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.388.	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Processing requests with methods (the register of the character of the word denoting the method is significant);Other studies (tests);methods of other studies (tests) without specification				"Information on current status" (NOTIFY) after receiving a "Subscription Request" and after a change in status for which a subscription was opened; confirmed by a final response	provided/not provided
					"Information" (INFO) for transferring OKE No. 7 signaling messages during a communication session, for transferring tone signals generated during the session, for transferring account balance information (cost information), for transferring images and other information between communication session participants	provided/not provided
					"Update parameters" (UPDATE) for changing session parameters before the final response to the "Invitation" request is received; in the header field "Supported request types" requests" field of the request	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.388					"Invitation" is specified Request type "Update parameters"	
					"Options" (OPTIONS) to allow the client to request information about the connection parameters with a specified universal resource identifier (URI) before establishing the connection	provided/not provided
					"Cancel" (CANCEL) to provide the ability to cancel the processing of previously transmitted requests	provided/not provided
					"Preliminary Response Acknowledgement" (PRAC) to confirm preliminary responses; upon receipt, a response must be sent; the number of the preliminary response being confirmed is indicated	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.388					"Confirmation" (ASC) to confirm receipt of a response from the server and transmission of the final parameters of the communication session description	provided/not provided
					The "Prescription" informs the recipient to contact a third party using the contact information contained in the request	Provided/Not provided
					"Invitation" (INVITE) to invite participation in a communication session, transmit information about the description of the corresponding communication session, and change the characteristics of already organized channels with a new communication session description	provided/not provided
					"Registration" (REGISTER) for registering a new customer location	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.388.					"Message" (MESSAGE) For transmitting instant text messages that are placed in the body of the "Message" request; upon delivery - response with code 200	provided/not provided
					PUBLISH for publishing an event on the server	provided/not provided
					REFER for recipient request to transfer SIP request	provided/not provided
1.389	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the communication session initiation protocol (SIP protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007 No. 58, from	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	use of format the session description protocol for communication session description	provided/not provided by

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.389	06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27 June 2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Description of communication session; Other research (testing); methods of other research (testing) without specification					
1,390.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 30. Methodology for verifying compliance with the requirements for the initiation protocol	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Equipment	26.30;26.30.2;26.30;26.30.11.110	8517	resource definition, which the request, by means of the resource identifier (Request-URI)	provided/not provided to

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.390.	communication session (SIP protocol) (orders of the Ministry of Communications of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **I,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Determination of the resource to to which the request; Other research (tests); methods of other research (testing) without specification	communication; Means of communication, performing the function switching systems;				

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.391	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 30. Methodology for checking compliance with the requirements for the session initiation protocol (SIP protocol) (Orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Presence in	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	"status code" of three digits, determining the result request "Reason Phrase" function, including a brief text description of the Status-Code field	provided/not provided provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.391.	The first line of the response "status line" (Status-Line) of the protocol version and an additional text phrase including fields; Other studies (tests); methods of other studies (tests) without specification					
1.392	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 30. Verification methodology compliance with initiation protocol communication session (SIP protocol) (orders of the Ministry of Communications of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communications, video communications equipment Communication session equipment communication equipment; Communication equipment, performing the function switching systems;	26.30; 26.30.2; 26.30; 26.30.11.110	8517	status line not separated by symbols "carriage return" (CR) or "line feed" (LF)	provided/not provided

14.12.2015 No. 542, dated				

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.392	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Line status line; Other research (testing); methods of other research (testing) without specification					
1.393.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 30. Methodology for verifying compliance with the requirements for the communication session initiation protocol (SIP protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated December 6, 2007, No. 144, 24.08.2006 No. 113, dated	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	message body length in bytes is represented in the "content size" field (Content-Length)	provided/not provided
					for requests with ASC, INVITE, and OPTIONS methods always contains a session description	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.393.	10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **I,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Body message body; Other studies (tests); methods of other studies (tests) without specification				if the body of the message was If encoding is applied, it is determined by the "encoding method" field (Content-Encoding), and in other cases, the Content-Encoding field is omitted	provided/not provided
					The VUE method does not contain the body of the message	Provided/Not provided
					The message body type is determined by the "Content-Type" header.	provided/not provided
1,394.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1 O.O1.2017. Appendix 30. Methodology for verifying compliance with the requirements for the communication session initiation protocol (SIP protocol) (orders of the Ministry of Communications	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices,	26.30;26.30.2;26.30;26.30.11.110	8517	in the "contact" field determining forwarding addresses forwarding	provided/not provided for

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.394.	Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27 June 2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30. **I** 1.2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Use of a universal resource locator (URL) as an address in objects supporting the SIP protocol; Other research (testing); methods of other research (testing) without specification	performing the function of switching systems;			in the "sender" field (From) for sender identification	provided/not provided
					in the "recipient" field (To) for identification of the recipient	provided/not provided
					in the Request-URI field to identify the current object forming the request	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.395	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the communication session initiation protocol (SIP protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27 June 2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	domain name, working status, gateway or IP address	provided/not provided
					name of the resource registered in the domain	provided/not provided

27.01.2009 No. **11,** dated 14.09.2010 No. 124), Word				

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.395	"sip:" or "sips:" at the beginning of an address consisting of two parts:;Other research (testing);methods of other research (testing) without specification					
1.396	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the communication session initiation protocol (SIP protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated December 6, 2007, No. 144, 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	"time to live" (ttl)	provided/not provided
					"address list" (maddr)	provided/not provided
					"transport" (transport)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.396	27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Not Use of parameters in the From, To, and Request-URI fields; Other studies (tests); Methods of other studies (tests) without specification					
1.397.	Program and methodology for type conformity testing, approved by the IC SPbGUT **I** O.O1.2017. Appendix 30. Methodology for verifying compliance with the requirements for the session initiation protocol (SIP protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated December 6, 2007, No. 144, 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.04.2008	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	lxx (Request received, continuing processing);	provided/not provided
					2x (Command received, understood, and accepted)	provided/not provided
					3xx (Further action is required to complete the request)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.397.	No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27 June 2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Responses with status codes; Other research (testing); methods of other research (testing) without specification				4xx (The request contains Syntax error or cannot be executed)	provided/not provided
					5xx (The server cannot fulfill an obviously correct request)	provided/not provided
					6xx (The request cannot be executed on any server)	provided/not provided
1,398.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the communication session initiation protocol (SIP protocol) (orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of	26.30;26.30.2;26.30;26.30.11.110	8517	100: for zeroing timers	provided/not provided
					180: call information is transmitted to the called subscriber	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.398	27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27 June 2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124), Answers lxx;Other research (testing);methods of other research (testing) without specifying	switching systems;			181: specified in the body message, to which subscriber the call is forwarded	provided/not provided
					182: in applications that allow the current call to be queued until the calls ahead of it have been answered	provided/not provided
					183: in order to obtain in advance a description of the information exchange session from the gateways on the way to the called subscriber so that the voice path can be connected in a pre-answer state before the calling subscriber receives the KPV signal	provided/not provided
					189: to provide current information about the status of the connection being switched to another number during the call; an answer indicating success is expected processing, or response about	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.398					Refusal by the called party	
1.399	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the session initiation protocol (SIP) (Orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. **15**, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated December 6, 2007, No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated	Communication equipment; Terminal (user) equipment telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	200: successful implementation request	ensured/not ensured
					202: request accepted for processing, but processing not completed	ensured/not ensured

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.399.	12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Answers 2xx; Other research (testing); methods of other research (testing) without specification					
1.400.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 30. Methodology for verifying compliance with the requirements for the communication session initiation protocol (SIP protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	300: indicates several SIP addresses at which the called subscriber can be found	provided/not provided
					301: the called subscriber is no longer located at the address specified in the request, and requests should be sent to the address specified in the "Current subscriber address" header field	provided/not provided
					302: the subscriber is temporarily (the time period may be specified in the "Message lifetime" header field) located at a different address specified in the "Current Address" field.	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.400.	14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Answers 3xx; Other research (testing); methods of other research (testing) without specifying				subscriber"	
					305: the called subscriber is not directly accessible, the incoming call must go through a proxy server, and the calling party is advised to repeat the request through the proxy server, the address of which is specified in the header field "Current subscriber address"	Provided/Not provided
					380: The requested service is unavailable, but alternative services are available, as described in the body of the messages	provided/not provided
1.401.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 30. Methodology for verifying compliance with the requirements for the session initiation protocol (SIP protocol)	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	400: request not understood due to syntax errors in it	

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Scope of definition
1.401.	(Orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27 June 2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Responses 4xx; Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of switching systems;			401: request requires Conducting subscriber authentication procedure	provided/not provided
					403: the server understood the request but refused to serve it; no repeat request is sent	Provided/Not provided
					404: the server did not find the called subscriber	provided/not provided
					405: requests of this type are not allowed to be sent to the address specified in the header	provided/not provided
					406: the called party will generate responses that will not be understood by the calling party	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.					407: before calling Authentication required on proxy server	provided/not provided
					408: the server cannot send a response within the time specified by the calling subscriber in the "Message lifetime" header of the request	provided/not provided
					41O: the server does not have access to the requested resource and does not know where to forward the request	provided/not provided
					413: Request size too large to be processed by the server	provided/not provided
					414: The server had difficulty interpreting the recipient's address due to its length	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.401					415: The server cannot accept the request because the format of the message body content is not supported by the server for this type of request	provided/not provided
					416: the server cannot process the request because it does not understand the recipient's address scheme	provided/not provided
					420: The server does not understand the SIP protocol extension	provided/not provided
					421: The request header does not specify which extension the server should use to process it	provided/not provided
					423: the server rejects the request because the resource has a short lifetime	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.401					480: connection with The terminal system has been successfully established, but the subscriber is currently unavailable.	provided/not provided
					481: The server received a request that is not related to the current dialogue or transaction. The request is discarded	provided/not provided
					482: Closed request transmission route detected	secured/unsecured
					483: The request passed through more proxy servers than allowed on its way	secured/not secured
					484: request with incomplete address accepted	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.401.					485: called party address is ambiguous	provided/not provided
					486: the called subscriber is currently busy and does not want (cannot) accept the incoming call	provided/not provided
					487: request was canceled by a "Completion" or "Cancel" message	provided/not provided
					488: the connection was established, but some parameters of the communication session description are invalid	provided/not provided
					489: The server did not understand the type of event being subscribed to or notified about	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.401					491: the request was received at that time when the server has not yet finished processing another request related to the same dialogue	provided/not provided
					493: the server is unable to find the decryption key for the message body	provided/not provided
					494: The response contains security mechanisms used by the server.	secured/unsecured
1.402.	The program and methodology for type conformity testing were approved by the SPbGUT Testing Center on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the communication session initiation protocol (SIP protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	500: server not provided to service the request due to an internal error. The client may try to resend the request after a while	capable/incapable
					50 **l:** the server does not have any of the functions necessary to service the request. The response is transmitted in the ın the event that the server does not	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.402.	24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27 June 2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Answers 5xx; Other research (testing); methods of other research (testing) without specification				can recognize the type request received from any of the subscribers	
					502: a server functioning as a gateway or proxy server receives an incorrect response from the server to which it sent the request	provided/not provided
					503: the server is currently unable to serve the call due to overload or maintenance	provided/not provided
					504: the server did not receive a response within the specified time interval from the server to which it sent the request to complete the call	provided/not provided
					505: The server does not support or refuses to support the version of the SIP protocol used in the request	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.402					513: server unable to process the request due to the message is too long	ensured/not ensured to
					580: the server does not accept parameters proposed in session description; the reason for the refusal is indicated in the response	secured/unsecured
1.403.	The program and methodology for type conformity testing were approved by the SPbGUT Testing Center on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the communication session initiation protocol (SIP protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated December 6, 2007, No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12,	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	600: called subscriber busy and does not wish to accept the call at this time; The response may contain an indication of a suitable time for a new call (if the subscriber can be contacted at another address or a message can be left, response 486 is used)	is available/unavailable
					603: called subscriber does not wish to accept incoming calls, without specifying the reason for refusal	provided/not provided

dated				

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.403	14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Responses 6xx; Other research (testing); methods of other research (testing) without specification				604: called subscriber not exist	provided/not provided does
					606: connection to the server established, but individual parameters, such as the type of information requested, bandwidth, type of addressing, are not allowed	provided/not provided
1.404.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the session initiation protocol (SIP) (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated December 6, 2007, No. 144, dated	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	No response to request the automated control system to loop formation	provided/not provided by avoid

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.404	24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), No response to the ASC request; Other studies (tests); Methods of other studies (tests) without clarification					
1.405.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 30. Methodology for verifying compliance with the requirements for the initiation protocol	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Equipment	26.30;26.30.2;26.30;26.30.11.110	8517	return of information about location provided/not provided by the server in the Contact field	provided/not provided new

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.405.	Communication session (SIP protocol) (orders of the Ministry of Communications Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009, No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **I,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Registration of a new location; Other research (tests); methods of other research (testing) without specification	communication; Means of communication, performing the function switching systems;			registration of new locations using REGISTER method	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.406.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 30. Communication verification methodology compliance with requirements for initiation protocol session initiation protocol (SIP) (orders of the Ministry of Communications of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14 December 2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Communication equipment communication equipment; Communication facilities, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	in response, each host deletes its Via value, and proxy server does not add, does not delete or modify body of the message	provided/not provided
					adding equipment that performs routing and management functions for IP packets containing voice, video, and multimedia information (proxy server) at the beginning of the promotion list, the header "via"	provided/not provided

14.09.2010 No. 124), Title					

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.406	"via" (Via); Other research (testing); methods of other research (testing) without specification					
1.407	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 30. Methodology for checking fulfillment of requirements for initiation protocol communication session (SIP protocol) (orders of the Ministry of Communications Russia dated 06.02.2008 No. **15**, dated 27.08.2007 No. 101, from 19.04.2007 No. 48, from 31.05.2007 No. 58, from 06.12.2007 No. 144, from 24.08.2006 No. 113, from 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009, No. 133, dated 27.06.2011 No. 160, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Communication tools, performing the function switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	proxy server check presence of its address in Via field upon receipt incoming request and processing only those responses in which the field Via contains its address, to prevent looping; copying fields To, From, "call identifier" (Call-ID) and Contact from source fields; address, according to to which it is sent request, in the identifier Request-URI	provided/not provided

21.03.2017 No. 129, dated				

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.407.	12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Verification by a proxy server of the presence its address in the Via; Other research (tests); methods of other research (testing) without specification					
1.408.	Program and methodology testing confirmation type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 30. Methodology for checking compliance with requirements initiation protocol communication session (SIP protocol) (orders of the Ministry of Communications Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, from 19.04.2007 No. 48, from 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.04.2008	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Means of communication, performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	proxy functionality server with type conformity preservation status as a server when receiving requests and as when generating of outgoing requests, for except in the case of receiving a response with a 2xx to the INVITE request; response with code 2xx back to inbound flow causing side instead of generating ASK	ensured/not ensured

No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders				

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.408	Ministry of Communications of Russia 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.**2011** No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), The operation of proxy server with state preservation status; Other research (testing); methods of other research (testing) without specification					
1.409.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the communication session initiation protocol (SIP protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of	26.30;26.30.2;26.30;26.30.11.110	8517	response return only on request received with a specified Call-ID called by the user agent, if the proxy server generates several branched requests when forwarding the request	provided/not provided first

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.409.	27.08.2007 No. 101, from 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009, No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124), Return response only to the first request received; Other research (tests); methods of other research (testing) without clarification	switching systems;				

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.410	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the communication session initiation protocol (SIP protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated December 6, 2007, No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27 June 2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	heading Does not contain marks about information processing (tags)	provided/not provided
					rejection of requests by servers and issuance of corresponding responses upon receipt of isomorphic requests from clients	provided/not provided
					creation of a new call route if the From header does not match existing routes	provided/not provided
					creation of a new route with To, From, and Call-ID values from the request headers if Call-ID does not match current sessions	provided/not provided

27.01.2009 No. **11,** dated 14.09.2010 No. 124),				

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.410	Server request rejection; Other research (testing); Other research (testing) methods without specification					
1.411	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the session initiation protocol (SIP) (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated December 6, 2007, No. 144, 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated April 21, 2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14 December 2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27 June 2011 No. 160, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	server provided location does not send SIP requests	provided/not provided
					Generation of a response with code 2xx, terminating the SIP transaction, upon receipt of a CANCEL request	provided/not provided
					Generating a list of alternative location values and returning a final response of class 3xx or rejecting the location server request after receiving a request other than CANCEL	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.411.	21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Formation of a list of alternative location values; Other studies (tests); methods of other studies (tests) without specification					
1.412.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the communication session initiation protocol (SIP protocol) (orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated December 6, 2007, No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No.	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	message encapsulation ISUP-R protocol into the body of SIP-T and SIP-1 protocol messages for transmission over a packet-switched telecommunications network	provided/not provided
					translation into the header fields of SIP-T and SIP-1 protocol messages necessary for routing part of the information of the signaling message OK No. 7	provided/not provided

44, dated				

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.412.	29.04.2008 No. 51, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.20] **1** No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Encapsulation of of ISUP-R protocol messages into the body messages of SIP-T, SIP-I; Other research (tests); methods of other research (testing) without specification					
1.413.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the session initiation protocol (SIP protocol)	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	Called number Request-URI To	provided/not provided -

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (Indicator)	Detection range
1.413.	(Orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Transmission of "Initial Address Message" (IAM) parameters of the ISUP-R protocol in the header fields of the INVITE message of the SIP-T and SIP- I protocols; Other studies (tests); methods of other studies (tests)	Communication devices performing the function of switching systems;			Caller number - From	provided/not provided
					Main number - From	provided/not provided
					Number of callbacks counter - Max-Forwards	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.413	without specification					
1.414	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 30. Methodology for testing compliance with requirements for protocol initiation communication session (SIP protocol) (orders of the Ministry of Communications Russia dated February 6, 2008, No. **15**, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communication ; Communication equipment, performing the function of switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	VUE: 16 for SIP protocol T, 16 for SIP-1 protocol	provided/not provided
					CANCEL: 16 for protocol SIP-T, 31 for the SIP-1	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.414.	12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Interpretation on the receiving as a message "Disconnection" (REL) of SIP-T protocol requests, SIP-1 CANCEL and BUE, not containing encapsulated ISUP protocol messages R protocol; disconnection reason code disconnection; Other research (tests); methods of other research (testing) without specification					
1.415.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 30. Methodology for verifying compliance with the requirements for the communication session initiation protocol (SIP protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	code value set reasons for disconnection ISUP-R protocol REL messages in accordance with the value specified in the "Reason" field in the header of SIP-T and SIP-1 protocol messages, if the Reason field is used	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.415	19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Installation the value of the disconnection reason code disconnection; Other research (tests); methods of other research (testing) without specification					
1.416.	Program and methodology Confirmation tests type conformity, approved by the SPbGUT IC 1O.O1.2017. Appendix 30.	Equipment communication; Terminal equipment (user) telephone or telegraph	26.30;26.30.2;26.30;26.30.11.110	8517	Provided encapsulated OKC No. 7 messages in the body responses with code "100" SIP-T, SIP-1 protocols	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.416	Verification method compliance with initiation protocol communication session (SIP protocol) (orders of the Ministry of Communications of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Absence of encapsulated messages; Other	Communication, video communication equipment Communication session equipment communication equipment; Communication means, performing the function switching systems;				

research (tests); methods of other research			

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.416.	(tests) without specification					
1.417	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the communication session initiation protocol (SIP protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. **15**, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27 June 2011 No. 160, dated 21.03.2017 No. 129, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	180: ACM with indicator with a value of "subscriber available"	provided/not provided
					182: ACM with a callback indicator that accepts the value "no indication" for the SIP-T protocol	provided/not provided
					183: ACM with callback indicator accepting the value "no indication"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.417.	12.01.2009 No. 1, dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124), Interpretation of responses to a series of 18x protocols SIP-T, SIP-1, not containing encapsulated ISUP-R protocol messages on the receiving side in the form of ISUP-R messages in the event waiting for a "Full Address" message Complete" (ACM) message is expected; Other research (tests); methods of other research (testing) without specification					
1.418.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the session initiation protocol (SIP) (Orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	180: "Call established" (CPG), parameter "Event Indicator" = 1 (Call Control, CCP) for SIP-T, CPG protocols, parameter "Event Indicator" = 1 (CCP) for SIP-1 protocol	secured/unsecured is

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.418.	31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27 June 2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Interpretation of responses from the 18x series of SIP-T and SIP-1 protocols that do not contain encapsulated ISUP-R protocol messages on the receiving side in the form of ISUP-R messages after receiving the "Full Address" (FAD) message; Other studies (tests); methods of other studies (tests) without specification				181: CPG, parameter "Event indicator" = 6 (Forwarding) for the SIP-T protocol	provided/not provided
					182: CPG, parameter "Event indicator" = 2 (Connection continuation) for SIP-T protocol	Provided/Not provided
					183: CPG, parameter "Event indicator" = 2 (Connection continuation)	provided/not provided

N P/P	Documents establishing rules and methods for studies (tests) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.419.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 30. Methodology for testing compliance with the requirements of protocol and initiation communication session (SIP protocol) (orders of the Ministry of Communications Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, from 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, from 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication ; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Interpretation by the receiving party responses with code "200" SIP-T, SIP-I protocols, received upon request INVITE, as messages ISUP-R protocol "Response" (ANM) or "Connection" (CON) provided that they received earlier ASM messages	provided/not provided
					interpretation by the receiving party of responses with code "200" of SIP-T, SIP-I protocols received upon request of the VUE as an ISUP-R message "Disconnection completed" (RLC)	provided/not provided

27.01.2009 No. **11,** dated 14.09.2010 No. 124),					

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.419	Interpretation by the receiving party of responses with code "200" ;Other research (testing);methods of other research (testing) without specification					
1.420.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 30. Verification Methodology compliance with the initiation protocol communication session (SIP protocol) of Russia dated 06.02.2008 No. 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1,** dated No. 47, dated 21.04.2008 No. 44, 29.04.2008 No. 51, orders of the Ministry of 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph , video communication Equipment Communication ; Communication means, performing the function switching systems;	26.30; 26.30.2; 26.30; .30.11.110	8517	Encapsulated ISUP protocol messages R have MIME type encoding "information ISUP-R protocol" (ISUP-R Media Tour)	provided/not provided
					support for the message body of SIP-T and SIP-I protocols with the "multipart/mixed" and encoding in the format of multipurpose Internet mail extensions (MIME)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.420	21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Support for message bodies SIP-T and SIP-I protocols with type "multilayer/mixed" and encoding in multipart extensions Internet mail; Other research (testing); methods of other research (testing) unspecified					
1.421.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the communication session initiation protocol (SIP protocol) (orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of	26.30;26.30.2;26.30;26.30.11.110	8517	400: 41 for SIP protocol T; 127 for SIP-I protocol	provided/not provided
					401, 402, 403: 21 for SIP-T protocol; 127 for SIP-I protocol	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of the object	code 2	TN VED EAEU code	Defined characteristic (indicator)	Determination range
1.421.	27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.12.2007 No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27 June 2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Interpretation on the receiving side of responses of the 4xx 6xx series of SIP-T and SIP-1 protocols that do not contain encapsulated ISUP-R protocol messages as ISUP-R REL protocol messages with a disconnection reason code; Other studies (tests); other methods	switching systems;			404:**1**	Provided/Not provided
					405: 63 for SIP-T protocol; 127 for SIP-1 protocol	provided/not provided
					406: 79 for SIP-T protocol; 127 for SIP-1 protocol	provided/not provided
					407: 21 for SIP-T protocol; 127 for SIP-1 protocol	provided/not provided
					408: 102 for SIP-T protocol; 127 for SIP-1 protocol	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.421.	Research (testing) without specification				410: 22	provided/not provided
					413, 414: 127	provided/not provided
					415: 79 for SIP-T protocol; 127 for SIP-1 protocol	provided/not provided
					416, 420, 421, 423: 127	provided/not provided
					480: 18 for SIP-T protocol; 20 for SIP-1 protocol	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.421.					481: 41 for SIP protocol T; 127 for SIP-I protocol	provided/not provided
					482, 483: 25 for SIP-T protocol; 127 for SIP-1 protocol	provided/not provided
					484: 28	provided/not provided
					485: 1 for SIP-T protocol; 127 for SIP-1 protocol	provided/not provided
					486: 17	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.421					487: 127 or not defined for SIP-1 protocol	provided/not provided
					488: 127 for SIP protocol I	provided/not provided
					500: 41 for SI protocol P-T; 127 for SIP-1 protocol	provided/not provided
					501: 79 for SIP-T protocol; 127 for SIP-1 protocol	provided/not provided
					502: 38 for SIP-T protocol; 127 for SIP-1 protocol	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.421.					503: 41 for the SIP protocol T; 127 for SIP-1 protocol	provided/not provided
					504: 102 for SIP-T protocol; 127 for SIP-1 protocol	provided/not provided
					513: 127	provided/not provided
					600: 17	provided/not provided
					603: 21	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.421					604: **1**	Provided/Not provided
					606: 127 for SIP protocol	provided/not provided I
1.422.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 30. Methodology for verifying compliance with the requirements for the session initiation protocol (SIP protocol) (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated December 6, 2007, No. 144, dated 24.08.2006 No. 113, dated 10.01.2007 No. **1**, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	16: VUE, CANCEL	provided/not provided
					17:486	provided/not provided
					18: 408 for SIP-T protocol; 480 for SIP-I protocol	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.422	14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, OT 12.01.2009 No. 1, FROM 28.03.201 J No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124), Conversion of ISUP-R protocol REL messages with various call disconnection reason codes into SIP-T, SIP-I protocol messages; Other research (testing); other research (testing) methods without specification				19, 20: 480	Provided/Not provided
					1: 404	provided/not provided
					2, 3: 404 for SIP-T protocol, 500 for SIP-1 protocol	provided/not provided
					21: 403 for SIP-T protocol; 480 for SIP-1 protocol	provided/not provided
					22: 301 for SIP-T protocol	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.422					22:410	Provided/Not provided
					23: 41O for SIP-T protocol	provided/not provided
					25: 480 for SIP-1 protocol	provided/not provided
					26: 404 for SIP-T protocol	provided/not provided
					27: 502	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.422					28:484	Provided/Not provided
					29: 501 for SIP protocol T; 500 for SIP-1 protocol	provided/not provided
					31: 480 for SIP-T protocol; 480, CANCEL for SIP-I protocol	provided/not provided
					4, 8, 9: 500 for the S!P-1	provided/not provided
					5: 404 for protocol SIP-1	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.423.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 31. Verification methodology compliance with Diameter protocol parameters (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 31 May 2007 No. 58, orders of the Ministry of Communications of Russia dated 27 January 2009 No. 12, dated December 14, 2015 No. 542, dated 27 January 2009 No. 10, dated 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Use of Rf and Ro interfaces; Other research (testing); Methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	use of interface for cost accounting procedures cost accounting procedures with subsequent payment (off-line)	provided/not provided Rf
					Use of the Ro interface for real-time (online) cost accounting procedures	provided/not provided
1.424.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 31. Methodology for verifying compliance with requirements for	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment	26.30;26.30.2;26.30;26.30.11.110	8517	Accounting Ans,ver (ACA): code= 271	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.424	Diameter protocol parameters (Orders of the Ministry of Communications of Russia dated August 27, 2007, No. 101, dated 31 May 2007 No. 58, orders of the Ministry of Communications of Russia dated 27 January 2009 No. 12, dated December 14, 2015 No. 542, dated 27 January 2009 No. 10, dated 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), List of basic Diameter messages on the Rf interface; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;			Accounting Requests (ACR): code= 271	provided/not provided
					Capabilities Exchange Answer (CEA): code= 257	provided/not provided
					Capabilities Exchange Request (CER): code= 257	provided/not provided
					Device-Watchdog-Answer (DWA): code= 280	provided/not provided
					Device Watchdog Request (DWR): code= 280	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.424					Disconnect-Peer-Answer (DPA): code = 282	provided/not provided
					Disconnect Peer Request (DPR): code= 282	provided/not provided
1.425.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14 December 2015 No. 542, dated 27 January 2009 No. 10, dated 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), List of basic Diameter messages on the Ro interface;	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Abort-Session-Answer (ASA): code= 274	provided/not provided
					Abort-Session-Request (ASR): code= 274	provided/not provided
					Capabilities Exchange Answer (CEA): code= 257	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.425	Other research (testing); methods of other research (testing) without specification				Capabilities-Exchange-Request (CER): code= 257	provided/not provided
					Credit-Control-Answer (CCA): code= 272	Provided/Not provided
					Credit-Control-Request (CCR): code= 272	provided/not provided
					Device-Watchdog-Answer (DWA): code= 280	provided/not provided
					Device Watchdog Request (DWR): code = 280	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.425					Disconnect-Peer-Answer (DPA): code= 282	provided/not provided
					Disconnect-Peer-Request (DPR): code= 282	provided/not provided
					Re-Auth-Answer (RAA): code = 258	provided/not provided
					Re-Auth-Request (RAR): code = 258	provided/not provided
1.426	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (commands	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	results of basic Diameter protocol on Ro interface	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.426.	Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 31 May 2007 No. 58, orders of the Ministry of Communications of Russia dated 27 January 2009 No. 12, dated December 14, 2015, No. 542, dated 27 January 2009 No. 10, dated 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Results of the basic Diameter protocol on the Ro interface; Other studies (tests); methods of other studies (tests) without specification	Communication devices performing the function of switching systems;				
1.427.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	DIAMETER AUTHORIZA T ION_REJECTED: code= 5003	provided/not provided
					DIAMETER_CREDIT_CONT ROL NOT APPLICABLE: code= 4011	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code kp 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.427.	14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Additional codes for Rf/Ro interface results; Other studies (tests); Methods of other studies (tests) without specification				DIAMETER_CREDIT_LIMIT_REACHED: code= 4012	secured/unsecured
					DIAMETER_ END USER_ SERVICE_DENIED: code= 4010	provided/not provided
					DIAMETER_ RATING_ FAILED: code = 5031	provided/not provided
					DIAMETER_ USER_ UNKNOWN OWN: code= 5030	provided/not provided
1.428.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	generation in network CCF (CG) elements ACR messages when receiving SIP or ISUP-R messages	provided/not provided in

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.428	Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Interaction of CCF (CG) with network elements; Other research (testing); Methods of other research (testing) without specification				generation interim accounts when receiving an ACR [Interim] message in CCF, which is transmitted by a network element in case of session modification	provided/not provided
					Closing of the session account upon receipt of the ACR [Stop] message by the CCF (CG)	provided/not provided
					opening of a session account in CCF (CG) upon receipt of an ACR [Start] message	provided/not provided
					Transfer to CCF (CG) of accounting information using ACR [Event] message in case of unsuccessful session establishment attempt	provided/not provided
					Transmission to network elements from CCF (CG) of session start and end acknowledgements in ASA messages [Start, Interim, Stop, Event]	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.428					Entry into CCF (CG) from network elements IMS Requests for the start and end of session data accounting in ACR messages [Start, Interim, Stop, Event]	provided/not provided
					creation in CCF (CG) accounts not related to the session when the user performs procedures not related to the session (registration, deregistration); transfer of accounting data to CCF (CG) using Accounting Request [Event] messages	provided/not provided of
1.429.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	ACR [Event]: SIP 200 OK, confirming the following SIP messages not related to the session (SIP NOTIFY, SIP MESSAGE, SIP REGISTER, SIP SUBSCRIBE, SIP PUBLISH); SIP 200 OK, confirming SIP INVITE (only for BGCF); SIP 202, confirming accepted SIP REFER or any other request; Final response SIP 2xx	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (Indicator)	Identification range
1.429.	14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Compliance of SIP or ISUP-R and ACR messages transmitted to the SSF; Other studies (tests); Methods of other studies (tests) without specification				(excluding SIP 200 OK); SIP Final/Redirection Response Zxx; Final SIP response (4xx, 5xx, or bxx) indicating unsuccessful establishment of a SIP session; Final SIP response (4xx, 5xx, or bxx) indicating an unsuccessful procedure not related to the session; SIP CANCEL, indicating interruption of SIP session establishment; 1-CSCF terminating X Query, which was sent in response to receiving SIP INVITE	
					ACR [Internal]: SIP 200 OK, confirming SIP RE-INVITE or SIP UPDATE; Expiration of AVP [Acct-Internal-Interval]	secured/unsecured
					ACR [Start]: SIP 200 OK, confirming SIP INVITE (not applicable to BGCF); ISUP:ANM (applicable to MGCF)	provided/not provided

N P/P	Documents establishing rules and methods for studies (tests) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.429.					ACR [Stop]: SIP VUE (not applies to BGCF); ISUP:REL (applies to MGCF)	provided/not provided
1.430.	Software and methodology Confirmation tests type conformity, Approved by the SPbGUT IC 10.01.2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (commands Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated December 14, 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Main message attributes Accounting Request; Other research (tests); methods of other research (testing) without clarification	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.110	8517	Request transmission time cost accounting (Event-Tishestamp)	provided/not provided
					Route Record	provided/not provided
					Source identifier (Origin-Host)	provided/not provided
					The Diameter cost accounting application identifier is assigned the value "3" (Acct-Application-Id)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.430.					Session identifier (Session-Id)	provided/not provided
					Host identifier (Proxy-Host)	Provided/Not provided
					Service identifiers (Service-Context-Id)	provided/not provided
					Name of the user being served (User-Name)	provided/not provided
					Interim accounting interval (Acct-Interim-Interval)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.430					Host information (Proxy Info)	provided/not provided
					Accounting Record Number	provided/not provided
					Destination Realm	provided/not provided
					Origin realm	provided/not provided
					Service parameters (Service-Information)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Identification range
1.430					Function status, Originating request (Origin-State-Id)	provided/not provided
					Host status (Proxy State)	Provided/Not provided
					Accounting record type (Accounting-Record-Type)	provided/not provided
1.431.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, dated 31 May 2007 No. 58, orders of the Ministry of Communications of Russia dated 27 January 2009 No. 12, dated 14 December 2015 No. 542, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Request transmission time Cost accounting (Event Timestamp)	provided/not provided
					Source identifier (Origin-Host)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Detection range
1.431.	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Main attributes of the message Accoиnting Aиswer;Other studies (tests);methods of other studies (tests) without specification				Application identifier Diameter cost accounting, assigned value "3" (Acct-Application-Id)	Provided/Not provided
					Session identifier (Session-Id)	provided/not provided
					Host identifier (Proxy-Host)	provided/not provided
					User **name** (User-Name)	provided/not provided
					Interim accounting interval (Acct-Interim-Interval)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.431					Host information (Proxy Info)	provided/not provided
					Request processing result code (Result-Code)	provided/not provided
					Account number (Accounting-Record-Number)	provided/not provided
					Destination realm	provided/not provided
					Origin realm	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.431.					Error report (Error-Reporting Host)	provided/not provided
					Status of the function that initiated the request (Origiв-State-Id)	Provided/Not provided
					Host status (Proxy State)	Provided/Not provided
					Account type (Accounting-Record-Type)	provided/not provided
1.432.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (commands	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11О	8517	parameter value Vевdor-for Rf/Ro interfaces, equal to "10415"	provided/not provided 1D

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.432	Ministry of Communications and Mass Media of Russia 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Vendor ID parameter value for Rf/Ro interfaces; Other studies (tests); methods of other studies (tests) without specification					
1.433.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated December 14, 2015 No. 542, dated 27 January 2009 No. 10, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	user authorization for access to IMS	provided/not provided
					Downloading and processing changes to user data stored on the server side	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.433	14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Interface functions Sx/Dx; Other studies (tests); Methods of other studies (tests) without specification				information exchange for provided/not provided	authentication is
					exchange of information on location	provided/not provided
1,434.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (Orders of the Ministry of Communications and Mass Media of Russia No. 101 dated August 27, 2007, No. 31 May 2007 No. 58, orders of the Ministry of Communications of Russia dated 27 January 2009 No. 12, dated December 14, 2015 No. 542, dated 27 January 2009 No. 10, dated 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Application-ID parameter value for X/D interfaces; Other	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Parameter value Application-ID for Cx/Dx interfaces equal to "16777216"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.434.	research (testing); methods of other research (testing) without specification					
1.435	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated December 14, 2015 No. 542, dated 27 January 2009 No. 10, dated 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Transmission of all commands in Cx/Dx interfaces using ABNF syntax; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	Transmission of all commands in Cx/Dx interfaces using using ABNF syntax	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.436	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 31. Methodology for verifying compliance with protocol parameter requirements Diameter (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 31 May 2007 No. 58, orders of the Ministry of Communications of Russia dated 27 January 2009 No. 12, dated 14 December 2015 No. 542, dated 27.01.2009 No. 10, dated 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Sets of attribute pairs in client and server requests and responses; Other research (testing); methods of other research (testing) without specifying	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	for the SIP protocol in client and server requests and responses client and server requests and responses include sets of attribute pairs with the value NO STATE MAINTAINED	provided/not provided in
					For the SIP protocol, pairs of values for the Authorization-Lifetime and Session-Timeout attributes are not included in requests and responses.	provided/not provided
1.437.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 31. Testing methodology	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Location-Info-Answer (LIA): code= 302	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.437.	Compliance with Diameter protocol parameters (Orders of the Ministry of Communications of Russia No. 101 dated 27.08.2007, No. 31 May 2007 No. 58, orders of the Ministry of Communications of Russia dated 27 January 2009 No. 12, dated December 14, 2015 No. 542, dated 27 January 2009 No. 10, dated 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Sx/Dx interface commands; Other research (testing); methods of other research (testing) without specification				Location-Info-Request (LIR): code= 302	provided/not provided
					Multimedia-Auth-Answer (MAA): code= 303	provided/not provided
					Multimedia-Auth-Request (MAR): code= 303	provided/not provided
					Push-Profile-Answer (PPA): CODE= 305	provided/not provided
					Push-Profile-Request (PPR): code= 305	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.437.					Registration-Termination Answer (RTA): code= 304	provided/not provided
					Registration-Termination-Request (RTR): code= 304	Provided/Not provided
					Server-Assignment-Answer (SAA): code= 301	provided/not provided
					Server-Assignment-Request (SAR): code = 301	provided/not provided
					User-Authorization-Answer (UAA): code= 300	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.437.					User-Authorization-Request (UAR): code = 300	Provided/Not provided
1.438	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 31. Methodology for verifying compliance with the parameters of the (orders Russian Ministry of Communications 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Results of the basic Diameter of the Scheme/Dx; Other research (tests); methods of other research (testing) without specification	Equipment Communication; Communication means, Performing the function switching systems;	26.30;26.30.11.110	8517	basic results Diameter protocol compliance Cx/Dx interface	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.439	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, dated 31 May 2007 No. 58, orders of the Ministry of Communications of Russia dated 27 January 2009 No. 12, dated December 14, 2015 No. 542, dated 27 January 2009 No. 10, dated 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Additional codes for Cx/Dx interface results; successful results; other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices that perform the function of switching systems;	26.30;26.30.11.11O	8517	DIAMETER_ FIRST_ REGISTRATION: code= 2001	provided/not provided
					DIAMETER_SUBSEQUENT _REGISTRATION: code= 2002	provided/not provided
					DIAMETER_ SUCCESS_ SERVER_ NAME_ NOT_ STORED: code = 2004	provided/not provided
					DIAMETER UNREGISTERED_SERVIC E: code= 2003	provided/not provided
1.440	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 31.	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	DIAMETER_ERROR_AUT H_SCHEME_NOT SUPPORTED: code= 5006	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.440.	Methodology for verifying compliance with Diameter protocol parameter requirements (Orders of the Ministry of Communications and Mass Media of Russia No. 101 dated 27.08.2007, No. 31 May 2007 No. 58, orders of the Ministry of Communications of Russia dated 27 January 2009 No. 12, dated December 14, 2015 No. 542, dated 27 January 2009 No. 10, dated 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Additional codes for Cx/Dx interface results; results with constant error; Other studies (tests); methods of other studies (tests) without specification				DIAMETER_ERROR_FEATURE_UNSUPPORTED: code = 5011	provided/not provided
					DIAMETER_ERROR_IDENTITIES_DONT MATCH: code= 5002	provided/not provided
					DIAMETER_ERROR_IDENTIFICATION_ALREADY_REGISTERED: code= 5005	provided/not provided -
					DIAMETER_ERROR_IDENPTU NOT REGISTERED: CODE= 5003	provided/not provided
					DIAMETER_ERROR_IN_ASSIGNMENT_TYPE: code= 5007	provided/not provided

N No.	Documents establishing rules and methods for studies (tests) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.440					DIAMETER_ERROR_NOT_SUPPORTED_USER_DATA : code= 5009	provided/not provided
					DIAMETER_ ERROR_ ROA MING NOT ALLOWED: code= 5004	provided/not provided
					DIAMETER_ ERROR_ TOO_ MUCH_DATA: code= 5008	provided/not provided
					DIAMETER_ ERROR_ USER _UNKNOWN: code= 5001	provided/not provided
1.441	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (commands	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Vendor- for Sx interfaces, equal to "10415"	provided/not provided 1D

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.441	Ministry of Communications and Mass Media of Russia 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), The value of the Vendor-ID parameter for interfaces Cx; Other studies (tests); methods of other studies (tests) without specification					
1.442.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameter requirements (Orders of the Ministry of Communications and Mass Media of Russia No. 101 dated 27.08.2007, 31 May 2007 No. 58, orders of the Ministry of Communications of Russia dated 27 January 2009 No. 12, dated December 14, 2015 No. 542, dated 27 January 2009 No. 10, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Parameter value Application ID for Sh/Dh interfaces equal to "16777217"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.442	14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Application-ID parameter value for Sh/Dh interfaces; Other studies (tests); methods of other studies (tests) without specification					
1.443.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders Russian Ministry of Communications dated 27.01.2009 No. 12, dated December 14, 2015 No. 542, dated 27 January 2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Transmission of all commands in Sh/Dh interfaces using ABNF syntax; Other research (testing);	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	transmission of all commands in Sh/Dh interfaces with using ABNF syntax	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.443.	Other research (testing) methods without specification					
1.444	Program and methodology Confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 31. Verification methodology for compliance with protocol parameters Diameter protocol parameters (commands Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Sh/Dh interface commands; Other research (tests); methods of other research (testing) without clarification	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.110	8517	Profi Ie-Update-Answer (PUA): code= 307	provided/not provided
					Profi Ie-Update-Request (PUR): code= 307	is ensured/not ensured
					Push-Notifications-Answer (PNA): code= 309	provided/not provided
					Push-Notifications-Request (PNR): code= 309	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.444.					Subscriber Notifications Answer (SNA): code = 308	provided/not provided
					Subscriber-Notification Request (SNR): code = 308	Provided/Not provided
					User-Data-Answer (UDA): code = 306	provided/not provided
					User-Data-Request (UDR): CODE = 306	provided/not provided
1.445.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (commands	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	results of basic Diameter protocol for Sh/Dh interfaces	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.445	Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 31 May 2007 No. 58, orders of the Ministry of Communications of Russia dated 27 January 2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Results of the Diameter base protocol for Sh/Dh interfaces; Other research (testing); methods of other research (testing) without specification					
1.446.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated May 31, 2007 No. 58, orders of the Ministry of Communications of Russia dated January 27, 2009 No. 12, dated 14.12.2015 No. 542, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	DIAMETER ERROR DSAI - - _NOT_A VALID: code= 5108	provided/not provided
					DIAMETER_ ERROR_ FEATURE_UNSUPPORTED: code= 5011	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.446.	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Additional codes for Sh/Dh interface results; results with constant error; Other studies (tests); methods of other studies (tests) without clarification				DIAMETER_ ERROR_ NO_ SUBSCRIPTION_TO_DATA: code= 5107	provided/not provided
					DIAMETER_ ERROR_ OPERATION NOT ALLOWED: code=5101	provided/not provided
					DIAMETER_ ERROR_ SUBS _DATA_ABSENT: code= 5106	provided/not provided
					DIAMETER_ ERROR_ TOO_ MUCH_DATA: code= 5108	provided/not provided
					DIAMETER_ ERROR_ TRAS PARENT_ DATA_ OUT_ OF_ SYNC: code= 5105	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.446.					DIAMETER_ERROR_USER _DATA_CANNOT_BE_DIFI ED: code= 5103	provided/not provided
					DIAMETER_ ERROR_ USER DATA_ CANNOT_ NOT TIFIED: code = 5104	provided/not provided
					DIAMETER_ERROR_ USER _DATA_CANNOT_BE_REA D: code=5l02	provided/not provided -
					DIAMETER_ ERROR_ USER DATA_ NOT RECOGNIZE D:code=5100	provided/not provided
1.447.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	DIAMETER_ PRIOR_ UPDA TE_IN_PROGRESS: code= 4101	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.447	Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 31 May 2007 No. 58, orders of the Ministry of Communications of Russia dated 27 January 2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Additional codes for Sh/Dh interface results; results with variable error; Other studies (tests); methods of other studies (tests) without specification				DIAMETER_USER_DATA_ NOT_AVAILABLE: code= 4100	provided/not provided
1.448.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Vendor parameter value for Sh/Dh interfaces, equal" 10415"	provided/not provided 1D

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.448	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Vendor ID parameter value for Sh/Dh interfaces; Other studies (tests); methods of other studies (tests) without specification					
1.449.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameter requirements (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), The value of the Application-ID parameter for	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Parameter value Application-ID for Gq' interface equal to "16777222"	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.449.	Gq' interface; Other research (testing); Methods of other research (testing) without specification					
1.450	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 31. Methodology for verifying for compliance with protocol parameters Diameter protocol (commands Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Gq interface commands; Other research (tests); methods of other research (testing) without clarification	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.110	8517	AA-Answer (AAA): code= 265	provided/not provided
					AA-Request (AAR): code= 265	compliant/non-compliant
					Abort-Session-Answer (ASA): code= 274	provided/not provided
					Abort-Session-Request (ASR): code= 274	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.450					Re-Auth-Answer (RAA): code = 258	provided/not provided
					Re-Auth-Request (RAR): code = 258	provided/not provided
					Session-Termination-Answer (STA): code= 275	provided/not provided
					Session-Termination-Request (STR): code= 275	provided/not provided
1.451	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (commands	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	results of basic Diameter protocol for Gq' interface	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.451	Ministry of Communications and Mass Media of Russia 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Results of the basic Diameter protocol for the Gq interface; Other studies (tests); methods of other studies (tests) without specification					
1.452.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 31 May 2007 No. 58, orders Russian Ministry of Communications dated 27.01.2009 No. 12, dated December 14, 2015 No. 542, dated 27 January 2009 No. 10, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	ACCESS_ PROFILE_ FAILURE code= 4046	provided/not provided
					BINDING_FAILURE: code= 5021	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	codeokpd 2	EAEU HS CODE	Defined characteristic (indicator)	Definition range
1.452	14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Additional codes for Gq interface results; Other studies (tests); Methods of other studies (tests) without specification				COMMIT_FAILURE: ~~4043=~~	provided/not provided
					FILTER RESTRICTIONS: CODE= 5062	provided/not provided
					INSUFFICIENT RESOURCES: code= 4041	provided/not provided
					INVALID_SERVICE_ INFORMATION: code= 5061	provided/not provided
					MODIFICATION_FAILURE : code= 5041	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.452.					PRIORITY NOT GRANTED: code= 4047	provided/not provided
					QOS_ PROFILE_ FAILURE: CODE= 4045	provided/not provided
					REFRESH_FAILURE: code= 4044	provided/not provided
1.453.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14 December 2015 No. 542, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Parameter value Application ID for interface e2 equal to "16777231"	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.453.	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Application-ID parameter value for interface e2; Other studies (tests); methods of other studies (tests) without specification					
1.454.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameter requirements (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated December 14, 2015 No. 542, dated 27 January 2009 No. 10, dated December 14, 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), e2 interface commands; Other research (testing); methods of other	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Push-Notification-Answer (PNA): code = 309	provided/not provided
					Push-Notification-Request (PNR): code = 309	provided/not provided
					Subscribe-Notifications-Answer (SNA): code= 308	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.454.	(tests) without specification				Subscribe Notifications Request (SNR): code= 308	provided/not provided
					User-Data-Answer (UDA): CODE= 306	provided/not provided
					User-Data-Request (UDR): code= 306	provided/not provided
1.455.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	results of basic Diameter protocol for e2 interface	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.455	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Results of the Diameter base protocol for the e2 interface; Other studies (tests); methods of other studies (tests) without specification					
1.456.	Confirmation testing program and methodology type compliance, Approved by the IC SPbGUT 10.01.2017. Appendix 31. Methodology for verifying compliance with protocol parameter requirements Diameter protocol parameters (commands Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Additional codes rezush, tatov interface e2;Other studies	Communication equipment; Communication means, performing the function switching systems;	26.30; 26.30.11.11O	8517	DIAMETER ERROR NO S - - - UBSCRIPTION_TO_DATA: CODE= 5107	provided/not provided
					DIAMETER_ ERROR_ USER _UNKNOWN: code= 5001	compliant/non-compliant
					DIAMETER_USER_DATE_ NOT_AVAILABLE: code= 4100	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.456.	(tests); other research (testing) methods without specification					
1.457	Program and methodology Confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 31. Methodology for verifying compliance with protocol parameters Diameter (orders Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), The value the Application-ID parameter for interface e4; Other research (tests); methods of other research (testing) without specification	Equipment communication; Communication means, performing the function switching systems;	26.30; 26.30.11.110	8517	Parameter value Application ID for e4 interface, equal to "16777231"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.458.	The program and methodology for type conformity testing were approved by the SPbGUT IC on January 10, 2017. Appendix 31. Testing methodology Compliance with Diameter protocol parameters (Orders of the Ministry of Communications and Mass Media of Russia No. 101 dated 27.08.2007, No. 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated December 14, 2015 No. 542, dated 27 January 2009 No. 10, dated 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), e4 interface commands; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Push-Notification-Answer (PNA): code= 309	provided/not provided
					Push Notification Request (PNR): code = 309	provided/not provided
					User Data Answer (UDA): code = 306	provided/not provided
					User Data Request (UDR): CODE = 306	provided/not provided
1.459.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 31. Methodology for verifying compliance with protocol parameter requirements	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Results of the basic Diameter protocol for the e4 interface	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.459.	Diameter (Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, dated 31 May 2007 No. 58, orders of the Ministry of Communications of Russia dated 27 January 2009 No. 12, dated December 14, 2015 No. 542, dated 27 January 2009 No. 10, dated 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Results of the Diameter base protocol for the e4 interface; Other research (testing); methods of other research (testing) without specification					
1.460.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, from	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	DIAMETER_ERROR_USER_UNKNOWN: code= 5001	provided/not provided
					DIAMETER_USER DATA_NOT_AVAILABLE: code= 4001	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.460	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Additional codes for e4 interface results; Other studies (tests); Methods of other studies (tests) without specification				DIAMETER_USER_DATA_ NOT_AVAILABLE: code= 4100	provided/not provided
1.461.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated December 14, 2015 No. 542, dated 27 January 2009 No. 10, dated 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Interface functions e **1**; Other research (testing);	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	requests used DHCP or PPP	provided/not provided
					allows UE user equipment to initiate requests to configure IP addresses for network access	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.461.	Other research (testing) methods without specification					
1.462	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 31. Methodology for verifying compliance with the requirements for Diameter protocol parameters (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Stack protocols used by the e3 interface; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	SRE WAN Management Protocol	Provided/not provided
					NTTP	provided/not provided
					SOAP	provided/not provided
					SSL/TLS	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.462					TCP/IP	Provided/Not provided
1.463	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated December 14, 2015 No. 542, dated 27 January 2009 No. 10, dated 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Methods RPC methods used in the WAN Management Protocol of the e3 interface; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	SRE methods: SetParameterValues, GetParameterValues, GetParameterNames, SetParameterAttributes, GetParameterAttributes, AddObject, DeleteObject, Download, Reboot	provided/not provided
					Server methods: Inform, TransferComplete	provided/not provided
					General methods: GetRPCMethods	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.464	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 31. Methodology for verifying compliance with requirements for Diameter protocol parameters (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 31 May 2007 No. 58, orders of the Ministry of Communications of Russia dated 27 January 2009 No. 12, dated December 14, 2015 No. 542, dated 27.01.2009 No. 10, dated 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Optional messages of the RPC interface e3; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	CSE methods: GetQueuedTransfers, SchedulelnformSetVouchers, GetOptions, Upload, FactoryReset	provided/not provided
					server methods: Kicked, RequestDown load	provided/not provided
1.465.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 31. Methodology for verifying compliance with requirements for	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	9000: Method not supported	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Object name	code	EAEU Foreign Economic Activity Code	Defined characteristic (indicator)	Definition range
1.465.	Diameter protocol parameters (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 31 May 2007 No. 58, orders of the Ministry of Communications of Russia dated 27 January 2009 No. 12, dated December 14, 2015 No. 542, dated 27 January 2009 No. 10, dated 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Errors SRE errors used in the SRE WAN Management Protocol of the eZ interface; Other studies (tests); methods of other studies (tests) without specification				9001: Request rejected (without indication of reason	provided/not provided
					9002: Internal error	provided/not provided
					9003: Invalid arguments	provided/not provided
					9004: Resources exhausted	provided/not provided
					9005: Invalid parameter name	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.465					9006: Incorrect type parameter	provided/not provided
					9007: Incorrect parameter value	provided/not provided
					9008: Attempt to set a non-writable parameter	provided/not provided
					9009: Request confirmation required	provided/not provided
					901O: Download error	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.465.					9011: Unload error	provided/not provided
					9012: File transfer server authentication error	Provided/Not provided
					9013: Transfer protocol not supported	provided/not provided
1.466.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14 December 2015 No. 542, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	8000: Method not supported	not provided/not provided
					8001: Request rejected (no reason given)	Supported/Not supported

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.466.	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Server errors used in the WAN Management Protocol of the e3 interface; Other studies (tests); methods of other studies (tests) without specification				8002: Internal error	provided/not provided
					8003: Incorrect arguments	provided/not provided
					8004: Resources exhausted	provided/not provided
					8005: Repeat request	provided/not provided
1,467.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 31. Methodology for verifying compliance with Diameter protocol parameters (commands	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	O:End	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Object name	code 2	EAEU Foreign Economic Activity Code	Defined characteristic (indicator)	Detection range
1.467	Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 31 May 2007 No. 58, orders of the Ministry of Communications of Russia dated 27 January 2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Codes Commands for packetized file transfer for the WAN Management Protocol interface eZ; Other research (testing); methods of other research (testing) without specification				10: Version	provided/not provided
					11: Description	Provided/Not provided
					12: Recovery Timeout	Provided/Not provided
					13: Unrecoverable Timeout	provided/not provided
					14: Initial Timeout	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.467					15: Initial Activity Timeout	Provided/Not provided
					16: Reboot	provided/not provided
					17: Format File System	provided/not provided
					18: Miniinuin Version	provided/not provided
					19: Maxiinuin Version	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.467					1: Extract File	Provided/Not provided
					20: Role	provided/not provided
					21: Minimum Non-Yolatile Storage	provided/not provided
					22: Minimum Yolatile Storage Size	provided/not provided
					23: Reserved	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.467					24:Reserved	Provided/Not provided
					25: Required Attributes	provided/not provided
					2: Extract Versioned File	provided/not provided
					3: Add File	provided/not provided
					4: Add Versioned File	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.467					5: Remove File	Provided/Not provided
					6: Remove Versioned File	provided/not provided
					7: Remove Sub-Thee	provided/not provided
					8: Move File	provided/not provided
					9: Move Versioned File	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.468	Program and methodology Confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 32. Methodology for testing compliance with real-time protocols RTP/RTCP time (communication Ministry of Communications and 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 10.01.2007 No. 1, dated No. 47, dated 21.04.2008 No. 44, 29.04.2008 No. 51, orders of the Ministry of 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.201 **l** No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated No. 47, dated December 12, 15.09.2015 No. 346, dated November 30, 2015 No. 484, January 27, 2009 No. **11)**, Field RTR package header; Other research (tests); methods of other research	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	"Version"	provided/not provided
					"Packet sequence value"	provided/not provided
					"SSRC identifier"	provided/not provided
					"Number of CSRC"	provided/not provided
					"Marker"	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.468	(tests) without clarification				"Supplementation package with insignificant octets"	provided/not provided
					"List of CSRC identifiers"	provided/not provided
					"Time counter"	provided/not provided
					"Payload field data type"	provided/not provided
					"Extended header flag"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.469	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 32. Verification methodology compliance with real-time protocols RTP/RTCP real-time protocols (communication commands Ministry of Communications of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.**2011** No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11)**, Functions encoding and decoding fields	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communication; Communication means, performing the function switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	encoding functions and decoding fields RTP packet header	provided/not provided

RTP packet header; Other				

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.469.	research (testing); methods of other research (testing) without specification					
1.470	Program and methodology confirmation tests type conformity, Approved by the SPbGUT IC 10.01.2017. Appendix 32. Methodology for testing compliance with real-time protocols RTP/RTCP time (communication commands Ministry of Communications and Mass Media of Russia 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment RTP/RTCP timing equipment Communication; Communication equipment, performing the function switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	RTCP packet headers similar to headers RTP	provided/not provided

No. 47, dated 12.12.2011 No. 340, dated				

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.470	15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** RTCP packet headers; Other studies (tests); methods of other studies (tests) without specification					
1.471.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 32. Methodology for verifying compliance with the requirements for real-time RTP/RTCP protocols (orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated	Communication equipment; Terminal equipment (polyvalent) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	"Completion"	provided/not provided
					"Subscriber description"	provided/not provided
					"Source report"	provided/not provided
					"Receiver report"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.471	21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Types of processed packages RTCP; Other research (tests); methods of other research (testing) without specification				package "defined appendix"	provided/not provided
1.472.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC January 10, 2017. Appendix 32. Methodology for testing compliance with real-time protocols RTP/RTCP real-time protocols (communication commands Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 10.01.2007 No.], dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communication equipment; Communication means, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Identification of types RTCP packets with using values specified in the "Type" field RTCP package"	provided/not provided

14.12.2015 No. 542, dated				

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.472	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Identification of RTCP packet types; Other research (testing); methods of other research (testing) without specification					
1.473.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 32. Methodology for verifying compliance with RTP/RTCP real-time protocol requirements (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	number of transmissions packets	secured/unsecured
					number of lost packets	secured/not secured

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.473.	29.04.2008 No. 51, orders Ministry of Communications of Russia 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Availability in the "Source Report" (SR) package information about the RTP stream. Message format; Other research (tests); methods of other research (testing) without specification				message format	provided/not provided
1.474.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 32. Methodology for verifying compliance with RTP/RTCP real-time protocol requirements (orders of the Ministry of Communications and Mass Media of Russia dated	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices,	26.30;26.30.2;26.30;26.30.11.110	8517	"Version" field	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.474.	06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11),** Format SR package (source report); Other studies (tests); methods of other studies (tests) without specifying	performing the function of switching systems;			field "Transmission time Package	provided/not provided
					field "Time of last transmitted packet "Source report"	provided/not provided
					field "Time since last packet transmission "Source report""	provided/not provided
					"Length" field	provided/not provided
					"SSRC identifier" field	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Detection range
1.474.					"Identifier" field SSRC **1"**	provided/not provided
					"Number of information blocks" field	provided/not provided
					"Number of octets transmitted" field	provided/not provided
					"Number of packets transmitted" field	provided/not provided
					"Number of RTP packet counter overflows" field	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.474.					Field "Coefficient of lost packets"	provided/not provided
					field "Total deviation from the time counter"	Provided/Not provided
					"Total number of lost packets" field	provided/not provided
					"Packet padding with insignificant octets" field	provided/not provided
					"Time counter" field	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.474.					"RTCP packet type" field (200 for SR packet)	Provided/Not provided
1.475	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 32. Methodology for testing compliance with real-time protocols RTP/RTCP real-time protocols (communication commands Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, from 27.08.2007 No. 101, from 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communication; Means of communication, acting as switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	Functions encoding/decoding RTCP packet fields	provided/not provided

No. 47, dated 12.12.2011 No. 340, dated				

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.475	15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Functions of encoding/decoding RTCP packet fields; Other studies (tests); methods of other studies (tests) without specification					
1.476.	Program and methodology Confirmation tests type conformity, approved by the SPbGUT Certification Center 1O.O1.2017. Appendix 32. Methodology for testing compliance with requirements for protocols of real RTP/RTCP time (communication commands Ministry of Communications of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, from 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14 December 2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication ; Means of communication, performing the function switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	package field type "Package type provided/not provided RTCP" takes the value "201" package format "Report receiver" (RR) similar to the packet format SR	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.476	27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11),** Format of the "Receiver Report" package (RR); Other studies (tests); methods of other research (testing) without specification					
1.477.	Program and methodology Confirmation tests type conformity, approved by the SPbGUT IC January 10, 2017. Appendix 32. Methodology for checking compliance with requirements for real-time protocols RTP/RTCP time (communication commands Ministry of Communications of Russia from 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, from 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders Ministry of Communications of Russia dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	field "Block "Description subscriber"; information elements: Transport address subscriber in address format e-mail, Real name of the subscriber, Email address subscriber, Telephone subscriber number, Geographical location or subscriber address, Name used software or equipment	provided/not provided

27.01.2009 No. 12, dated				

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.477.	14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. \, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Obtaining information about terminal equipment using Subscriber Description (SDES) packets; packet format; Other studies (tests); methods of other studies (tests) without specification				"Version" field	provided/not provided
					"Length" field	Provided/Not provided
					"SSRC/CSRC 1 identifier" field	provided/not provided
					"Number of Subscriber Description Blocks" field	provided/not provided
					field "Indicator of package supplement with insignificant octets	is provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.477					"RTCP packet type" field (202)	Provided/Not provided
1.478	Program and methodology confirmation tests type conformity, Approved by the SPbGUT IC 10.01.2017. Appendix 32. Methodology for checking compliance with real-time protocols RTP/RTCP real-time protocols (communication commands Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009, No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communication equipment; Communication means, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	information about completion of connection with the "Completion" package (VUE)	provided/not provided

No. 47, dated 12.12.2011 No. 340, dated				

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.478	15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** Notification of connection completion with the "Completion" packet (VUE); Other studies (tests); methods of other studies (tests) without specification					
1.479.	Program and methodology for type conformity testing, approved by the IC SPbGUT lO.O1.2017. Appendix 32. Methodology for verifying compliance with RTP/RTCP real-time protocol requirements (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 10.01.2007 No. !, dated 24.04.2008 No. 47, dated April 21, 2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14 December 2015 No. 542, dated 27.01.2009 No. 10, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	field "Data determined by the application"	provided/not provided
					field "Length"	provided/not provided
					"SSRC/CSRC identifier" field	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.479.	14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.0 l.2009 No. **1,** dated March 28, 2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11), Package** format package format "Specified by the application"; Other studies (tests); methods of other studies (tests) without specifying				"Name" field	provided/not provided
					"Subtype" field	Provided/Not provided
					"RTCP packet type" field (204)	provided/not provided
					"Version" fields	provided/not provided
1,480.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 33. Methodology for verifying compliance with the requirements for the H.248/MEGACO protocol (orders of the Ministry of Communications	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30. l **1.**11O	8517	adding a connection to communication session	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.480.	Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27 June 2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11),** Assignment of protocol N.248/MEGASO; Other studies (tests); methods of other studies (tests) without specifying				configuration change Connections	provided/not provided
					control and diagnostics of connections	provided/not provided
					determination of media gateway capabilities (MGW)	provided/not provided
					connection transfer to another communication session	provided/not provided
					Notification of events occurring in media gateways (MGW)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.480					Equipment notification the communication node (server) that controls the MGW, about failures at the input/output (ports) of the MGW	provided/not provided by
					connection removal from communication session	provided/not provided
1.481.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 33. Methodology for verifying compliance with the requirements of the H.248/MEGACO protocol (orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007 No. 58, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	in binary form	provided/not provided
					in the form of text strings	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.481	14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.0 l.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11)**, Support for two encoding methods for MEGASO/H.248 protocol command fields; Other research (testing); other research (testing) methods without specification					
1.482.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 33. Methodology for verifying compliance with the requirements for the H.248/MEGACO protocol (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007 No. 58, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Add, adding a port to the context (For the first port in the context, the command can be used to create the context)	provided/not provided
					AuditCapabilities, returning all possible values for port properties, events, signals, and statistics allowed by the gateway controller (Executing initiates any	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD2 CODE	EAEU HS CODE	Defined characteristic (indicator)	Definition range
1.482.	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, от 21.10.2009 No. 133, dated 27.06.2011 No. 160, от 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, от 12.12.2011 No. 340, от 15.09.2015 No. 346, dated 27.01.2009 No. **11**), Gate control commands upon request from the gate control device (controller); Other research (testing); methods of other research (testing) without specification				descriptor or single property, signal, or event)	
					AuditValue (value control), which returns information about the current status of port properties, events, signals, and statistics	provided/not provided
					Modify, which changes the properties, events, and signals of the port	provided/not provided
					Move, which moves the port from one context to another	provided/not provided
					Notify, allowing the gateway to inform the gateway controller about events occurring in it	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.482					ServiceChange (change in provided), allowing the gateway to notify the gateway controller of its readiness to start service (Used by the gateway to announce its availability to the gateway controller (registration) and to report an impending full overload; to announce to the gateway the transfer of control authority to it; to instruct the gateway to add or remove a port or group of ports)	service provided/not
					Subtract, removes the port from context and returning static information accumulated by the port during its existence in the context. (For the last port in the context, it can be used to delete the context)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Object name	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.483	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 33. Verification methodology compliance with requirements for H.248/MEGACO protocol (Orders of the Ministry of Communications of 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11),** Descriptors - command parameters commands; Other studies (tests); methods of other research (testing) without clarification	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.11O	8517	information about occurred events	provided/not provided
					information that the gateway controller must request from the gateway	is/is not provided
					information relating to changes in the status of the gateway port	provided/not provided
					numbering plan used	provided/not provided
					error code and error text	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.483.					Direction of flows between ports in the context of	ensured/not ensured
					parameters separately for bidirectional data flow	provided/not provided
					data flow parameters	provided/not provided
					parameters of data flow transmitted or received by a given gateway	provided/not provided
					data flow parameters transmitted or received by the remote gateway	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.483					Parameters determining the operating mode and properties of the port	provided/not provided
					gateway port properties (contains two parameters describing the port status and the gateway's response to an event that does not require immediate notification of the gateway controller)	provided/not provided
					signals to the end user, the transmission of which the gateway port must start or stop	provided/not provided
					events that the gateway must monitor if a buffer storage event device is used	provided/not provided
					events that the gateway should monitor and the gateway's response to these events	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.483					set of port properties	provided/not provided
					static information collected by the port during the connection	Provided/Not provided
					Modem type and parameters	provided/not provided
					type of information multiplexing used by multimedia terminals	provided/not provided
1.484.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 34. Methodology for verifying compliance with the MOSR protocol requirements (orders of the Ministry of Communications and Mass Media of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	use for control of the gateway with using a gateway control device	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.484	06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 10.01.2007 No. **1,** dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 27.01.2009 No. 10, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11),** Use; Other studies (tests); methods of other studies (tests) without specification					
1.485.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 34. Methodology for verifying compliance with MGCP protocol requirements (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, from	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	transmission of messages in the field payload of packets UDP protocol	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.485	19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 10.01.2007 No. !, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 27.01.2009 No. 10, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11),** Transmission of messages; Other research (testing); Methods of other research (testing) without specification					
1.486.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 34. Methodology for verifying compliance with MGCP protocol requirements (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007 No. 58, from	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	configuration change connection	provided/not provided
					control and diagnostics of gateway ports	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.486.	10.01.2007 No. **1**, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 27.01.2009 No. 10, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No**. 11),** MGSPR protocol functions; Other studies (tests); methods of other studies (tests) without specifying				control and diagnostics Connections	provided/not provided
					DTMF tone processing, recognition of the type of transmitted information (e.g., voice information, facsimile messages, data), determination of the status of terminal equipment	provided/not provided
					release o f point-to-multipoint connections	provided/not provided
					connection release	provided/not provided
					coordination of signal encoding (modulation) type between two **MS**	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.486.					device notification gateway management gateway resource release	provided/not provided
					connection establishment	provided/not provided
1.487.	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 34. Methodology for verifying compliance with MGCP protocol requirements (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 10.01.2007 No. 1, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 27.01.2009 No. 10, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, from	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	request device gateway (server) control of connection parameters by sending a "Check connection" ("AuditConnection") message to the gateway (MS) to exchange information about the connection status	provided/not provided
					connection parameter modification by the gateway (server) control device - transmission of the "ModifyConnection" message using the same	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.487.	12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11)**, MGCP protocol commands; Other studies (tests); methods of other studies (tests) without specifying				parameters, as in in the "CreateConnection" message and with the addition of the Connection Identifier parameter, which links the connection to a specific port	
					information transmitted upon connection release: number of RTP packets transmitted; number of RTP octets transmitted; number of RTP packets received; number of RTP octets received; number of RTP packets lost; deviations in RTP packet reception delay in ms; average RTP packet transmission delay over the network in ms	provided/not provided
					The "Restart in progress" command used by the gateway **(MG)** to notify the gateway management device (server) that the gateway (MS) is	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.487					During reboot (return of a port or group of ports to working condition or removal of a port or group of ports from working condition)	
					Parameter "Reason for connection release": during normal connection release (OOO); during connection release due to Mlll malfunction (900); during connection release due to MSH shutdown (901); during connection release due to deterioration of its characteristics below the permissible level (902)	provided/not provided
					transmission in the message of a unique parameter identifying the call, connection port identifier, connection control characteristics	provided/not provided
					transmission of information for establishing a connection between two gateways **(MG) by** the device gateway control	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.487					(server)	
					Transmission of information about the completion of the connection by the gateway control device (server) or gateway (MSH)	provided/not provided
					Transmission of the "Notify" command from the gateway (MG) to the gateway control device (server) upon detection of events described in the "Event Request" field of the "NotificationRequest" command	provided/not provided
					Transmission of the "DeleteConnection" message with a request to terminate the connection	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.487.					Message transmission "CreateConnection" to the gateway with a request to establish a connection	Provided/Not provided
					transmission by the gateway control device (server) to the gateway (MS) of a message "Check port" ("AuditEndPoint") for the exchange of information about the status of the gateway port, in response to which the gateway (MS) transmits the requested information or confirmation	provided/not provided
					recognition of the type of information being transmitted, DTMF tones, determination of the status of terminal equipment using the "Notification Request" command transmitted from the gateway control device (server) to the terminal **(MS)**	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.487.					Coordination of signal modulation type between two gateways (MS), as well as gateway initialization using the "Port Configuration" ("EndpointConfiguration") command transmitted from the gateway control device (server) to the gateway **(MS)**	Provided/Not provided
1.488	Program and methodology Confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 35. Methodology for verifying verification of compliance with implementation of the SIGTRAN (orders of the Ministry of 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders Ministry of Communications of 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.11O	8517	IUA protocol	provided/not provided
					M2PA protocol	compliant/non-compliant
					protocol M2UA	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.488.	14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 30. **l** 0.2009 No. 136, dated 12.01.2009 No. **l,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11),** List of implemented SIGTRAN group protocols; Other research (testing); methods of other research (testing) without specification				M3UA protocol	provided/not provided
					SCTP protocol	Provided/Not provided
					SUA protocol	provided/not provided
					V5UA protocol	provided/not provided
1,489.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 35. Methodology for verifying compliance with the requirements for the implementation of the SIGTRAN protocol (orders	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	information in fields the SCTP packet header (fields: "Source port number" containing the sender's SCTP port number; "Destination port number" containing the recipient's SCTP port number; "Tag	provided/not provided in

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.489.	Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27 June 2011 No. 160, dated 21.03.2017 No. 129, dated 30.10.2009 No. 136, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11),** SCTR Protocol; Other studies (tests); methods of other studies (tests) without specifying				verification", containing Numerical value that uniquely identifies the sender of the SCTP packet; the value of this tag is equal to the value obtained when the communication session between the sender and the recipient is initialized; "Checksum" containing the checksum of the SCTP packet)	
					the presence of only one command in the SCTP packet in cases where the commands "Create communication session", "Confirm creation of communication session", "Communication session termination procedure completed" are transmitted	ensured/not ensured
					the sender node does not transmit any useful information if no confirmation has been received for the last command sent	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.489.					Subscriber data transmission To the addressee, if the size of the receiver window of the recipient node is not equal to zero; otherwise, the data is not sent to the destination	provided/not provided
					Payload transmission when a connection is established between the receiving and sending parties	provided/not provided
					List of valid SCTP packet commands (Subscriber data (O); Session establishment (1); Session establishment confirmation (2); Selective confirmation (3); Status poll (4); Status acknowledgment (5) ; Deleting a communication session (6) ; Terminate communication session (7); Session termination confirmation session termination (8); Error (9); Communication session creation completion (10); Communication session creation completion	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.489					Reserved)	
					- node breaks down the information sent by the sender into multiple parts, each of which does not exceed the maximum allowable size when the subscriber's information is packaged into SCTP packet portions	Provided/Not provided
					placement of control messages in the packet before subscriber data	provided/not provided
					assembly of fragmented messages into a single piece of information by the receiving node	provided/not provided
					Queuing of packets addressed to a specific node and their transmission in strict sequence	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.489.					Package header format SCTP and list of supported fields	provided/not provided
					SCTP command format (the total length of a command included in an SCTP packet is 4 bytes); fields: "Command code"; "Flags"; "Command data length"; "Command data"	provided/not provided
					SCTP packet format (Header, Command No. 1,... Command No. n)	provided/not provided
					formation of the "Selective Acknowledgement" command by the receiving node and its transmission together with the outgoing data to the opposite node	provided/not provided
					SCTP protocol functions (sequential data transmission in a stream; data fragmentation; Identification	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.489.					Transmitted data and overload control procedure; SCTP packet message packaging; packet confirmation; path control)	
1.490.	Program and methodology confirmation tests type conformity, Approved by the SPbGUT Certification Center 10.01.2017. Appendix 35. Methodology for testing compliance with requirements for implementation of the protocol SIGTRAN (control commands Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.11O	8517	Protocol capabilities M2UA during transmission alarm messages channel switching networks (border support MTR2/MTR3 interfaces; support for interaction between SIGTRAN level modules control; support active control SCTP connections)	provided/not provided
					SCTP port number for M2UA: 2904; SCTP protocol payload identifier for M2UA: 2	provided/not provided
					general message header for M2UA, fields	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.490.	30.10.2009 No. 136, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11)**, Protocol M2UA; Other studies (tests); methods of other studies (tests) without specifying				variable parameters Lengths determined by the message type, after the general header (fields "Parameter tag"; "Parameter length"; "Parameter values")	provided/not provided
					General header field "Version"	provided/not provided
					General header field "Message length"	provided/not provided
					General header field "Message class" (O: M2UA control messages; 3: application server process status maintenance messages; 4: application server process traffic maintenance messages; 6: M2UA messages; 10: messages ; 10: control messages	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.490.					interface)	
					General header field "Reserve"	provided/not provided
					common header field "Message type" (M2UA messages; application server process status maintenance messages; application server process traffic maintenance messages; M2UA control messages; interface identifier control messages)	provided/not provided
					M2UA messages (1: data; 2: connection request; 3: connection confirmation; 4: disconnection request ; 5:	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.490.					Confirmation disconnection of connection; 6: indication of disconnection connection; 7: status report request; 8: status confirmation; 9: status indication; 10: data search request; 11: data search confirmation; 12: data search indication data search; 13: data search execution indication; 14: indication of overload; 15: confirmation of data receipt)	
					messages for maintaining the status of the application server process (**1:** application server process initiation; 2: application server process termination; 3: status query command; 4: application server process initiation confirmation; 5: application server process termination confirmation; 6: status query command confirmation)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1,490.					Maintenance messages application server process traffic (**1:** active application server process; 2: inactive application server process; 3: confirmation of active application server process; 4: confirmation of inactive application server process)	provided/not provided
					M2UA control messages (O: error; **1**: notification)	provided/not provided
					interface identifier management messages **(1:** registration request; 2: response to registration request; 3: deregistration request; 4: response to deregistration request)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.490.					Communications, M2UA protocol	provided/not provided
					Special header in the M2UA message containing the "Interface identifier" parameter, which is either an integer or text format (fields "Tér"; "Length"; "Interface identifier")	provided/not provided
					M2UA protocol functions (displaying the interface identifier on the physical interface of the SGW, SCTP connection and corresponding traffic flow within the connection; SCTP connection management; application server state maintenance; SCTP flow management; flow management (overloads); checking channel status OK No. 7)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.491	Program and methodology confirmation tests type conformity, Approved by the IC SPbGUT 10.01.2017. Appendix 35. Methodology for testing compliance with requirements for implementation of the SIGTRAN (orders Ministry of Communications and 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders Ministry of Communications of 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.**2011** No. 160, dated 21.03.2017 No. 129, dated 30.10.2009 No. 136, dated 12.01.2009 No. **1,** dated No. 47, dated December 12, 15.09.2015 No. 346, dated January 27, 2009 No. **11),** Protocol M2PA; Other studies (testing); methods of other research (testing)	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	Protocol capabilities M2PA during transmission alarm messages channel switching networks (border support MTR2/MTR3 interfaces; support for interaction peer objects)	provided/not provided
					SCTP port number for M2PA: 3565; SCTP protocol payload identifier for M2PA: 5	provided/not provided
					general message header for M2PA	provided/not provided
					field of the general heading "Version"	provided/not provided
					field with the general heading "Message length"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.491.	without specification				General header field "Message class" (11: M2PA messages)	provided/not provided
					General header field "Reserve"	provided/not provided
					General header field "Message type" **(1:** user data; 2: channel status)	provided/not provided
					M2PA protocol messages (general message header for M2PA; special M2PA header; MTRZ OKS No. 7 subsystem data, including PRI, SIO, SIF)	provided/not provided
					M2PA protocol messages, procedures	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.491.					Special heading M2PA (BSN; FSN)	Provided/Not provided
					M2PA protocol functions (support MTR2 operation; mapping of OCC channels in SCTP connections; SCTP connection management; support MTR3 operation in OCC No. 7 network)	provided/not provided
1.492.	Type conformity testing program and methodology, approved by the SPbGUT IC on 10.01.2017. Appendix 35. Methodology for verifying compliance with SIGTRAN protocol implementation requirements (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	protocol capabilities M3UA when transmitting signaling messages in a channel-switched network (transmission of MTR3 user messages by establishing an SCTP connection; detection of errors in M3UA protocol messages and notification thereof; control of SCTP connection establishment; control of connection establishment with multiple SGWs)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD2 CODE	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.492	Ministry of Communications of Russia from 27.01.2009 No. 12, dated 14.12.2015 No. 542, OT 27.01.2009 No. 10, dated 14.02.2015 No. 541, dated 2).10.2009 No. 133, FROM 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 30.10.2009 No. 136, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, OT 27.01.2009 No. **11),** Protocol M3UA; Other studies (tests); methods of other studies (tests) without specification						
					SCTP port number value for M3UA: 2905; SCTP protocol payload identifier for M3UA: 3	provided/not provided
					General message header for MZUAs, fields	provided/not provided
					variable length parameters determined by the message type, after the general header (fields "Parameter type"; "Parameter length"; "Parameter values")	provided/not provided
					general header field "Version"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.492.					common header field "Message length"	provided/not provided
					Common header field "Message class" (O: MZU control messages; **1:** transfer messages transfer messages; 2: signaling network control messages; 3: application server process state maintenance messages; 4: application server process traffic maintenance messages; 9: routing key control messages)	provided/not provided
					General header field "Reserve"	provided/not provided
					common header field "Message type" (control messages; transfer messages; network management messages	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Characteristic being determined (Indicator)	Definition range
1.492					alarm; messages application server process status maintenance messages; application server process traffic maintenance messages; routing key management messages)	
					transfer messages (**1:** payload data)	provided/not provided
					messages for maintaining the status of the application server process (1: initiation of the application server process; 2: termination of the application server process; Z: status query command; 4: confirmation of initiation of the application server process; 5: confirmation of termination of the application server process; 6: confirmation of the status query command)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.492.					Maintenance notifications Application server process traffic (**1:** active application server process; 2: inactive application server process; 3: confirmation of active application server process; 4: confirmation of inactive application server process)	provided/not provided
					control messages (O: error; **1:** notification)	provided/not provided
					MZUA routing key management messages (1: registration request; 2: response to registration request; 3: deregistration request; 4: response to deregistration request)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.492					Control messages by the alarm network (1: destination point unavailable; 2: is available; 3: destination status check; 4: alarm overload ; 5: subsystem OK No. 7 at destination point unavailable; 6: access to destination point prohibited)	provided/not provided
					messages, MZU protocol procedures	provided/not provided
					MZUA protocol functions (provision of alarm point code; determination of routing contexts and corresponding keys routing for transmitting OCE messages No. 7; implementation of interaction between subsystems OKE No. 7 and MZUAs; use of reserve models;	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.492					Application server reservation; flow control; overload control; SCTP flow mapping; use of the Client/Server model)	
1.493	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 35. Verification methodology fulfillment of requirements for implementation of the SIGTRAN (commands Ministry of Communications of Russia from 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, from 31.05.2007 No. 58, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated	Equipment communication; Communication means, performing the function switching systems;	26.30; 26.30.11.11O	8517	Protocol capabilities SUA during transmission alarm messages channel-switched networks (message transmission of the SCCP subsystem; class SCCP protocol; control; interaction with management functions SCCP; retransmission)	provided/not provided
					SCTP port number value for SUA: 14001; SCTP protocol payload identifier for SUA: 4	provided/not provided
					general message header for SUA, fields	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.493.	30.10.2009 No. 136, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11),** SUA Protocol; Other studies (tests); methods of other studies (tests) without specifying				variable parameters lengths determined by the message type, after the general header (fields "Parameter tag"; "Parameter length"; "Parameter values")	provided/not provided
					General header field "Version"	provided/not provided
					General header field "Message length"	provided/not provided
					General header field "Message class" (O: SUA control messages; 2: alarm system control messages; 3: application server process status maintenance messages; 4: application server process traffic maintenance messages ; 7: messages whose transmission is not	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.493.					Focused on connection establishment; 7: messages whose transmission is oriented towards connection establishment; 9: routing key management messages)	
					General header field "Reserve"	provided/not provided
					the general header field "Message Type" (SUA control messages; alarm system control messages; application server process state maintenance messages; application server process traffic maintenance messages; routing key control messages; messages whose transmission is not connection-oriented; messages whose transmission is is connection-oriented	connection-oriented/non-connection-oriented

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.493.					connection establishment)	
					messages maintaining the status of the application server process (1: initiation of the application server process; 2: termination of the application server process; 3: status poll command status query command; 4: confirmation of application server process initiation; 5: confirmation of application server process termination; 6: confirmation of status query command)	provided/not provided
					application server process traffic maintenance messages (\: active application server process; 2: inactive application server process; 3: confirmation of active application server ; 4:	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.493.					Confirmation of inactive application server process)	
					SUA control message (l: notification)	provided/not provided
					routing key management messages (\: registration request; 2: response to registration request; 3: deregistration request; 4: response to deregistration request)	provided/not provided
					Alarm system control messages (1: destination point unavailable; 2: destination point available; 3: destination point status check ; 4: network overload; 5: subsystem OK No. 7 at destination unavailable: ; 6: access to destination prohibited)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.493.					messages, transmission which are not connection-oriented (1: connectionless data transfer; 2: response to connectionless data transfer)	provided/not provided
					messages whose transmission is connection-oriented (1: connection establishment request; 2: connection establishment confirmation; 3: connection establishment refusal; 4: connection disconnection request; 5: disconnection completed; 6: confirmation of disconnection; 7: request for disconnection; 8: connection-oriented data transmission; 9: confirmation of connection-oriented data transmission; 10: error, oriented towards	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.493.					connection establishment; **11**: idle mode test)	
					Messages, SUA protocol procedures	provided/not provided
					SUA protocol functions (address mapping; SCTP flow mapping; flow control; congestion control)	provided/not provided
1.494.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 35. Methodology for verifying compliance with the requirements for the implementation of the SIGTRAN protocol (orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 24.04.2008 No. 47, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	protocol capabilities IUA when transmitting signaling messages in a channel-switched network (support for Q.92 l/Q.93 **l** boundary primitives**;** support for interaction between control layer modules; support for SCTP active connection management)	provided/not provided by

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU HS code	Determined characteristic (indicator)	Definition range
1.494.	21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27 June 2011 No. 160, dated 21.03.2017 No. 129, dated 30.10.2009 No. 136, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11),** IUA Protocol; Other studies (tests); methods of other studies (tests) without specification				Port number value SCTP for IUA: 9909; SCTP protocol payload identifier for IUA: **1**	provided/not provided
					General message header for IUA	provided/not provided
					variable-length parameters determined by the message type, after the common header (fields: "Parameter type"; "Parameter length"; "Parameter values")	provided/not provided
					General header field "Version"	provided/not provided
					common header field "Message length"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Definition range
1.494					General heading field "Reserve"	provided/not provided
					General header field "Message class" (O: IUA control messages; 3: application server process status maintenance messages; 4: application server process traffic maintenance messages; 5: Q.921/Q.931 boundary primitive transfer messages)	provided/not provided
					General header field "Message type" (Q.921/Q.931 boundary primitive transfer messages; application server process state maintenance messages; application server process traffic maintenance messages; TEI control messages)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.494					Transfer messages of boundary primitives Q.921/Q.931 **(1:** data request message data request message; 2: data indication message; 3: data block request message; 4: data block indication message; 5: connection request; 6: connection confirmation; 7: connection indication connection; 8: request connection termination request; 9: connection termination confirmation; 10: connection termination indication)	provided/not provided
					messages maintaining the status of the application server process (\: initiation of the application server process; 2: termination of the application server process; Z: status query command; 4: confirmation of initiation of the application server process; 5: confirmation of termination application server process; 6:	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.494					Confirmation of the command status query)	
					application server process traffic maintenance messages (1: active application server process; 2: inactive application server process; 3: confirmation of active application server process; 4: confirmation of inactive application server process)	provided/not provided
					TEI control messages (O: error; **1:** notification; 2: TEI status request; 3: TEI status confirmation; 4: TEI status indication; 5: TEI request)	provided/not provided
					IUA protocol messages, procedures	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.494					Special heading in message (fields: **"Tag"; "Length";** "Interface identifier"; DLCI (SAPI, TEI)) IUA protocol functions (mapping interface identifier to physical interface SGW, SCTP connection and corresponding traffic flow within the connection; application server state maintenance; SCTP flow control; flow control (overloads))	Provided/Not provided IUA provided/not provided
1.495.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 35. Methodology for verifying compliance with the requirements for the implementation of the SIGTRAN protocol (orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	additional functions protocol U5.2 (establishment and termination of connection, delivery of information on request according to signaling information under the control of the reference automatic telephone exchange; control of non-scoch channels for channel identification, channel blocking, and channel failure states; protocol	provided/not provided by

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.495.	31.05.2007 No. 58, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 30.10.2009 No. 136, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 27.01.2009 No. **11)**, Protocol V5UA; Other research (testing); methods of other research (testing) without specifying				protection, operating on two separate V5 channels for controlling protective switching of communication channels in case of failures)	
					SCTP port number for V5UA: 5675; SCTP protocol payload identifier for Y5UA: 6	provided/not provided
					common message header for U5A	provided/not provided
					variable-length parameters determined by the message type, after the common header (fields: "Parameter tag"; "Parameter length"; "Parameter values")	provided/not provided
					General header field "Version"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.495.					General header field "Message length"	provided/not provided
					General header field "Reserve"	provided/not provided
					field with the general header "Message class" (O: V5A control messages; 3: application server process status maintenance messages; 4: application server process traffic maintenance messages; 5: Q.92 l/Q.93 **I** boundary primitive transfer messages**)**	provided/not provided
					field in the "Message type" header (Q.921/Q.931 boundary primitive transfer messages; application server process state maintenance messages ; messages	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.495					Traffic maintenance application server process; TEI control messages)	
					signaling information of protocol U.5 (transmission of analog signals using PSTN protocols; control of analog ports and ISDN ports; mapping of ISDN messages to LAPD frames transmitted by the LAPV5-EF (L2) sublayer; mapping of U.5 protocol messages to LAPV5-DL frames transmitted via the LAPV5-EF (L2) sublayer)	provided/not provided
					Q.921/Q.931 boundary primitive transfer messages **(1:** message data request; 2: data indication message; 3: data block request message; 4: data block indication message; 5: connection request; 6: confirmation	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.495.					connection establishment; 7: connection establishment indication connection; 8: request connection termination; 9: confirmation of connection termination; 10: indication connection termination; **11:** channel status report start; 12: channel status report stop; 13: channel status report indication; 14: Sa bit set request; 15: Sa bit set confirmation; 16: Sa bit status request; 17: Sa bit status indication; 18: error indication)	
					messages for maintaining the status of the application server process (1: initiation of the application server process; 2: termination of the application server process; Z: status query command; 4: confirmation of initiation of the application server process; 5: confirmation of termination server process	process

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.495.					applications; 6: status query command confirmation)	
					application server process traffic maintenance messages (1: active application server process; 2: inactive application server process; 3: confirmation of active application server process; 4: confirmation of inactive application server process)	provided/not provided
					TEI management messages (**1**: notification; 2: TEI status request ; 3: TEI status confirmation; 4: TEI status indication; 5: TEI request)	provided/not provided
					messages, V5UA protocol procedures	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.495					Special header in V5UA message (fields: **"Tag"; "Length";** "Interface identifier"; DLCI (SAPI, TEI); EFA)	Provided/Not provided
1.496.	Program and methodology Confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 36. Methodology for testing compliance with IP protocol requirements (orders Ministry of Communications and 06.02.2008 No. 15, from 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video Equipment Communication; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26 .30.11.110	8517	"Packet source address"	provided/not provided
					"Packet recipient address"	provided/not provided
					"Version"	provided/not provided
					"Life time"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.496.	30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), IPv4 Protocol, fields; Other research (testing); methods of other research (testing) without specification				"Header length"	provided/not provided
					"IP packet length"	Provided/Not provided
					"Header boundary additions"	provided/not provided
					"Packet identifier"	provided/not provided
					"Header checksum"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.496					"Next protocol level"	ensured/not ensured
					"Packet processing mode" (mode type (flag, mode class, mode number), mode field length counter, mode data)	provided/not provided
					"Fragment offset"	provided/not provided
					"Service type" (Precedence, Delay, Throughput, Reliability, Reserved bits)	provided/not provided
					"Flags" (Reserved, Fragmentable (DF), Last Indicator fragment (MF))	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.497	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 36. Methodology for testing compliance with IP protocol requirements (orders Ministry of Communications of 06.02.2008 No. 15, from 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated No. 47, dated 12.12.2011 No. 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph communication, video Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Network class = A	provided/not provided
					network class = B	provided/not provided
					network class = C	provided/not provided
					extended addressing mode;	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.497.	14.09.2010 No. 124), Protocol address 1Pv4; Other research (testing); methods of other research (testing) without specification					
1.498	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 36. Methodology for verifying compliance with IP protocol requirements (orders of the Ministry of Communications of Russia dated 06.02.2008 No. 15, from 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, from 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated	Equipment communication ; Terminal equipment (user) telephone or telegraph Communications, video communications equipment Communication equipment; Communication devices, performing the function switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	Exclusion from the process transmission of a package with with the flag set, , prohibiting its fragment	provided/not provided
					control sequence for packet header field	provided/not provided
					impossibility of fragmenting packets with a length of 68 bytes or less	provided/not provided
					packet header fields subject to processing during fragmentation (mode field, flag field, fragment offset, header length, packet length, control	secured/unsecured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1,498.	30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Fragment 1Pv4; Other studies (tests); methods of other studies (tests) without specifying				the sequence of the title) ~~data field separation~~ the packet into fragments with alignment by fragmentation block length (8 bytes) if the IP packet is to be transmitted without fragmentation	 ~~provided/not provided of~~
1.499.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 36. Methodology for verifying compliance with IP protocol requirements (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	extension headers	provided/not provided
					traffic priority assignment	provided/not provided
					designation of traffic for which no flow reduction is performed in response to an overload signal	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.499.	Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14 December 2015 No. 541, dated October 21, 2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.20 1**l** No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), IPv6 Protocol; Other studies (tests); methods of other studies (tests) without specifying				fields ("Version", "Priority", "Flow label", "Data field size", "Next header", "Maximum number of steps", "Sender address", "Recipient address")	provided/not provided
					Sending packets of a single stream by a single sender with the same destination address, priority, and stream label	provided/not provided
					IPv6 address types (unicast, anycast, multicast)	provided/not provided
1.500.	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 36. Methodology for verifying compliance with IP protocol requirements (orders of the Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, from	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of	26.30;26.30.2;26.30;26 .30.11.110	8517	tunneling protocol packet transmission GTP data transmission level GTP-U)	provided/not provided for

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.500	19.04.2007 No. 48, from 31.05.2007 No. 58, from 06.06.2007 No. 60, from 24.08.2006 No. 112, from 06.12.2007 No. 144, from 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Protocol for packet data transmission GTP on Gn or Gr interfaces; Other research (tests); methods of other research (testing) without specification	switching systems;			tunneling protocol for packet transmission GTP data level management (GTP-C)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.501	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 36. Methodology for verifying compliance with IP protocol requirements (orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	current support node packet data transmission SGSN (UTPD)	provided/not provided
					GGSN packet data support gateway node (UllShD)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.501.	14.09.2010 No. 124), Data transmission using packet data transmission service via GPRS radio interface; Other research (testing); Methods of other research (testing) without specification					
1.502.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 36. Methodology for verifying compliance with IP protocol requirements (orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Additional heading (8x8 bits)	provided/not provided
					Tunnel identifier (32 bits)	provided/not provided
					Protocol data block number (8 bits)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.502.	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. \, dated 28.03.2011 No. 47, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484, dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124), Format GTR protocol package header format; Other studies (tests); methods of other studies (tests) without specification				Version number (3 bits)	provided/not provided
					Serial number (16 bits)	Provided/Not provided
					Reserve bit (**1** bit)	Provided/Not provided
					Protocol type **(1** bit)	provided/not provided
					Message type (8 bits)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.502					Length indicator (16 bits)	provided/not provided
					Flag indicating the presence of the "Protocol data block number" field (1 bit)	Provided/Not provided
					Flag indicating the presence of the "Sequence number" field (1 bit)	provided/not provided
					Flag for the presence of the "Extended header" field (1 bit)	provided/not provided
1.503	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 36. Methodology for verifying compliance with IP protocol requirements (orders of the Russian Ministry of Communications and Mass Media dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Echo response	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.503.	06.02.2008 No. 15, from 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **I,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Management communications channel between nodes GPRS (GSN); Other research (tests); methods of other research (testing) without specification				Echo Request	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.504	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 36. Methodology for verifying compliance with IP protocol requirements (orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27 June 2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.**1** 10	8517	update request PDP context PDP Update PDP Context Request	provided/not provided
					PDU Notification Reject Request	provided/not provided
					PDP context creation request for anonymous access	provided/not provided
					Create PDP Context Request	provided/not provided
					PDU notification request Notification Request	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Scope of definition
1.504	14.09.2010 No. 124), Tunnel management reports; Other research (testing); Methods of other research (testing) without specification				Context Delete Request PDP Delete PDP Context Request	provided/not provided
					request to delete PDP context during anonymous access	Provided/Not provided
					PDP context update response PDP Update PDP Context Response	provided/not provided
					PDU notification rejection response	provided/not provided
					PDP context creation response PDP Create PDP Context Response	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.504					Response Context creation PDP for anonymous access	Provided/Not provided
					PDU Notification Response response	provided/not provided
					PDP Delete PDP Context Response	provided/not provided
					PDP context deletion response for anonymous access	provided/not provided
					Error Indication	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.505	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 36. Methodology for verifying compliance with requirements for IP protocol (orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, from 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11,** dated	Equipment communication; Communication means, Performing the function of switching systems;	26.30;26.30.11.**1** 1O	8517	transfer request information routing for GPRS Send Routing Information for GPRS Request	provided/not provided
					Failure Report Request	provided/not provided
					request: AS marked for GPRS Note MS GPRS Present Request	provided/not provided
					response to routing information transmission for GPRS Send Routing Information for GPRS Response	provided/not provided
					Failure Report Response	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.505	14.09.2010 No. 124), Messages used to determine location of AS when a request to activate the context packet transmission protocol from the network and absence of an interface USHPD with ORM; Other research (tests); methods of other research (testing) without specification				Answer: AS is marked as GPRS Note MS GPRS Present Response	ensured/not ensured
1.506.	Program and methodology confirmation tests type conformity, approved by the SPbGUT Certification Center 10.01.2017. Appendix 36. Methodology for verifying compliance with IP protocol requirements (Ministry of Communications and Mass Media of Russia dated 06.02.2008 No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007, No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.11O	8517	identification request Identification Request	provided/not provided
					UTPD context request SGSN Context Request	provided/not provided
					Identification Response	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.506	Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11, dated 14.09.2010 No. 124), Mobility management reports; Other studies (tests); Methods of other studies (tests) without specification				UTPD context response SGSN Context Response	provided/not provided
					Context confirmation UTPD SGSN Context Acknowledge	provided/not provided
1.507.	Type conformity assessment test program and methodology, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 36. Methodology for verifying compliance with IP protocol requirements (orders of the Ministry of Communications and Mass Media of Russia No. 15 dated February 6, 2008, No. 27.08.2007 No. 101, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	GTP protocol data block G-PDU	provided/not provided
					Version Not Supported	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.507.	19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1**, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124), Other communications; Other research (testing); methods of other research (testing) without specification				session start request broadcast multicast transmission of multimedia information MMS Session Start Request	provided/not provided
					request to update the context of a broadcast multicast multimedia information service Update MBMS Context Request	provided/not provided
					broadcast multicast multimedia information session termination request MBMS Session Stop Request	provided/not provided
					broadcast multicast multimedia service notification rejection request MMS Notification Reject Request	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.507					request to cancel the transition to another radio access subsystem Relocation Cancel Request	provided/not provided
					request to cancel registration of a multimedia broadcast multicast service MBMS De-Registration Request	provided/not provided
					request to forward information for relocation to another radio access network Forward Relocation Request	provided/not provided
					request for registration of a multimedia broadcast multica s t service MBMS Registration Request	provided/not provided
					request to create a context for a multimedia broadcast multicast service Create MBMS Context Request	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.507					Request for notification of multimedia Broadcast/Multicast Service (MBM) Notification Request	provided/not provided
					Request to delete the context of the multimedia information multicast service Delete MMS Context Request	Provided/Not provided
					Response to a request to start a multicast multimedia information transmission session MMS Session Start Response	provided/not provided
					response to a request to update the context of a broadcast multicast multimedia service Update MBMS Context Response	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.507.					Response to a request to terminate broadcast multicast transmission of multimedia information MMS Session Stop Request	provided/not provided
					Response to a request to reject notification of a multicast transmission of multimedia information MMS Notification Reject Response	Provided/Not provided
					Response to a request to cancel relocation to another radio access subsystem Relocation Cancel Response	provided/not provided
					response to a request to cancel registration of a broadcast multicast multimedia information service MBMS De- Registration Response	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.507					Response to transfer request Information for transition to another radio access subsystem Forward Relocation Response	Provided/Not provided
					response to a request for registration of a broadcast multicast multimedia information service MMS Registration Response	provided/not provided
					Response to a request to create a context for a broadcast multicast multimedia information service Create MMS Context Response	provided/not provided
					response to a request for notification of a broadcast multicast multimedia service MBMS Notification Response	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.507					response to a request to delete for the Delete MMS Context Response	provided/not provided
					forwarding of the radio access subsystem context - Forward SRNS Context	provided/not provided
					forwarding of confirmation of completion of relocation to another radio access network subsystem Forward Relocation Complete Acknowledge	provided/not provided
					Transition to another radio access network subsystem completed Forward Relocation Complete	provided/not provided
					Confirmation of forwarding of the radio access subsystem context Forward SRNS Context Acknowledge	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.507					Information retransmission access network (RAN) Information Relay	provided/not provided radio
					Support notification extended headers Supported Extension Headers Notification	provided/not provided
1.508.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 36. Methodology for verifying compliance with IP protocol requirements (orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	End subscriber address End User Address	provided/not provided
					address of data accounting equipment for billing Charging Gateway Address	provided/not provided
					address for transmitting radio access subsystem management information RIM Routing Address	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Identification range
1.508.	14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 12.01.2009 No. 1, dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. l l, dated 14.09.2010 No. 124), Information elements of GTP protocol messages; Other studies (tests); Methods of other studies (tests) without specification				Support node address GSN Address	provided/not provided
					Protocol configuration options Protocol Configuration Options	Provided/Not provided
					Protocol configuration options for the MMS broadcast multicast multimedia information service Protocol Configuration Options	provided/not provided
					Recovery	Provided/Not provided
					Temporary AC identifier for packet data transmission mode Packet TMSI	Provided/Not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.508					Temporary identifier Temporary Mobile Group Identity (TMGI)	provided/not provided
					Time to data transfer in broadcast multicast multimedia information transmission MBMS Time To Data Transfer	Provided/Not provided
					RIM Routing Address Discriminator	provided/not provided
					Multicast Session Duration	provided/not provided
					Additional information about the established radio access channel Additional RAB Setнp Information	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.508.					Additional Additional Trace Info	provided/not provided
					Additional trace parameters for a multicast session of multimedia information Additional MBMS Trace Info	Provided/Not provided
					Multicast Multimedia Broadcast Service Area	provided/not provided
					Selected PLMN 1D identifier	provided/not provided
					Routing area identifier Routing Area	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.508					Session identifier Broadcast multicast transmission of multimedia information MMS Session Identifier	provided/not provided
					Packet Flow Identifier	Provided/Not provided
					Network Service Access Point Identifier (NSAPI)	provided/not provided
					trigger identifier Trigger ld	provided/not provided
					Charging ID	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.508					Identifier of the center Identity	provided/not provided
					Cell identification Cell Identification	Provided/Not provided
					Target Ide11tificatio11	provided/not provided
					Access Point Name Access Point	provided/not provided
					Network indicator in the direction of which broadcast multicast transmission of multimedia information is carried out, MMS 2G/3G Indicator	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (Indicator)	Definition range
1.508					Context information PDCP protocol for the source radio network controller Source RNC PDCP context info	provided/not provided
					User Location Information	Provided/Not provided
					Information about the established radio access channel RAB Setup Info	provided/not provided
					Information transfer container for the UMTS radio access subsystem controller UTRAN Transparent Container	provided/not provided
					RAN Transparent Container for radio access subsystem information transfer	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.508					Container subsystem base stations BSS Container	provided/not provided
					container with cost accounting information for CAMEL services CAMEL Charging Information Container	Provided/Not provided
					Radio access bearer context	provided/not provided
					PDP context	provided/not provided
					MM mobility management context Context	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.508					Service context Broadcast multicast transmission of multimedia information to a subscriber MBMS UE Context	provided/not provided
					Protocol Configuration Options	Provided/Not provided
					International Equipment Identifier AS **IMEI(SV)**	provided/not provided
					International AC number **IMSI**	provided/not provided
					International mobile subscriber identity number - MSISDN	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	**Name of object**	**code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Definition range**
1.508					Data flow label **1** Flow Label Data **1**	provided/not provided
					Flow Label Data **11** Flow Label Data **11**	Provided/Not provided
					Signaling Flow Label	provided/not provided
					Trace Reference	provided/not provided
					Authentication Quintuplet	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.508.					Priority assignment PDP contexts PDP Context Prioritization	provided/not provided
					UTPD number SGSN Number	Provided/Not provided
					PDU block numbers Nshnbers	provided/not provided
					Common Flags	provided/not provided
					PS Handover XID Parameters	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.508					List of types Additional Headers Extension Header Tour List	provided/not provided
					AS identifier signature for packet data transmission mode P-TMSI Signature	Provided/Not provided
					AS confirmation MS Validated	provided/not provided
					Radio Priority SMS	provided/not provided
					Radio Priority	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.508					Radio communication priority for pCS Radio Priority LCS	provided/not provided
					MAR cause MAR cause	Provided/Not provided
					RANAP cause	provided/not provided
					BSSGP protocol execution cause BSSGP Cause	provided/not provided
					Reason for MS Not Reachable MS Not Reachable Reason	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.508					Cause	provided/not provided
					Service quality profile QoS Profile	Provided/Not provided
					NSAPI Enhanced NSAPI	Provided/Not provided
					Selection mode	provided/not provided
					List of set-up PFCs	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.508					Transition counter Nor Counter	provided/not provided
					APN restriction type	Provided/Not provided
					Radio access type RAT Tour	provided/not provided
					Trace type Trace Tour	provided/not provided
					Reordering Required	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.508					Required capabilities Information transfer for multicast multimedia messaging service Required MBMS bearer capabilities	provided/not provided
					Authentication Triplet	Provided/Not provided
					Charging characteristics	provided/not provided
					Time zone at the location of the MS MS Time Zone	provided/not provided
					Private Extension	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.508					Number of repeat sessions broadcast multicast transmission of multimedia information MMS Session Repetition Number	provided/not provided by
					flow template traffic Traffic Flow Template	provided/not provided user
1.509.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 37. Methodology for verifying compliance with the requirements for UDP and TCP protocol parameters (orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	UDP protocol number in IP protocol stack - 17	provided/not provided
					Checksum field	provided/not provided
					Destination Port field	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.509.	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 27.06.2011 No. 160, dated 21.03.2017 No. 129, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. **11),** UDR Protocol; Other studies (tests); methods of other studies (tests) without specifying				the "Length" field	provided/not provided
					"Source Port" field	Provided/Not provided
					UDP protocol packet header format	provided/not provided
1.510.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 37. Methodology for verifying compliance with the requirements for UDP and TCP protocol parameters (orders of the Ministry of Communications and Mass Media of Russia dated February 6, 2008, No. 15, dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, dated 24.04.2008 No. 47, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	TCP protocol number in IP protocol stack - 6	provided/not provided
					"Acknowledgment Number" field	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.510	21.04.2008 No. 44, from 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, от 27.06.2011 No. 160, от 21.03.2017 No. 129, dated 12.01.2009 No. 1, FROM 28.03.2011 No. 47, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484, dated 27.01.2009 No. 11), TSR Protocol; Other studies (tests); methods of other studies (tests) without specification				"Checksum" field	provided/not provided
					"Control Bits" field	provided/not provided
					"Data Offset" field	provided/not provided
					Destination Port field	provided/not provided
					"Options" field	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.510					"Padding" field	Provided/Not provided
					"Reserved" field	provided/not provided
					"Sequence Number" field	provided/not provided
					"Source Port" field	provided/not provided
					"Urgent Pointer" field	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.510					"Window" field	provided/not provided
					User commands of the TSR protocol	Provided/Not provided
					Connection states - LISTEN, SYN-SENT, SYN-RECEIVED, ESTABLISHED, FIN-WAIT-1, FIN-WAIT-2, CLOSE-WAIT, CLOSING, LAST ACK, TIME-WAIT and fictitious state CLOSED	provided/not provided
					TCP protocol packet header format	provided/not provided
J.511.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 38.	Communication equipment; Terminal (user) equipment for telephone or telegraph	26.30;26.30.2;26.30;26.30.11.110	85 J 7	purpose of the protocol: the formation and management of message transmission (ICMR)	provided/not provided for

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.511.	Methodology for verifying compliance with ICMP and ARP protocol parameters (Order of the Ministry of Communications and Mass Media of Russia No. 144 dated December 6, 2007, Order of the Ministry of Communications and Mass Media of Russia No. 124 dated September 14, 2010) Purpose of the protocol: formation and management of message transmission (ICMP); Other research (testing); methods of other research (testing) without specification	communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;				
1.512.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 38. Methodology for verifying compliance with ICMP and ARP protocol parameters (Order of the Ministry of Communications and Mass Media of Russia No. 144 dated December 6, 2007, Order of the Ministry of Communications and Mass Media of Russia No. 124 dated September 14, 2010), Transmission of ICMP messages in the IP packet data field; Other research (tests);	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	ICMP message transmission the IP packet data field with indicating the type of ISMR message with the value of the first byte of the IP packet data field	provided/not provided in

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.512	Other research (testing) methods without specification					
1.513	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 38. Methodology for verifying compliance with the requirements for ICMP and ARP protocol parameters (Order of the Ministry of Communications and Mass Media of Russia No. 144 dated December 6, 2007, Order of the Ministry of Communications and Mass Media of Russia No. 124 dated September 14, 2010), Setting any unused ICMP message field to "O";Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	setting to "O" any unused field ICMR message	provided/not provided
1.514.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 38. Verification methodology	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment	26.30;26.30.2;26.30;26.30.11.110	8517	"IP header"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.514.	compliance with the requirements for ICMP and ARP protocol parameters (Order of the Ministry of Communications and Mass Media of Russia No. 144 dated December 6, 2007, Order of the Ministry of Communications and Mass Media of Russia No. 124 dated September 14, 2010), format ICMP error messages when processing IP packets, fields; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;			"IP packet header" and First 64 bits of the IP packet in which the error was detected	provided/not provided
					"Message code"	Provided/Not provided
					"ICMR message check sequence"	provided/not provided
					"Message type"	provided/not provided
					not used	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.515	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 38. Methodology for verifying compliance with the requirements for ICMP and ARP protocol parameters (Order of the Ministry of Communications and Mass Media of Russia No. 144 dated December 6, 2007, Order of the Ministry of Communications and Mass Media of Russia No. 124 dated September 14, 2010). ICMP error messages in IP packets; Other research (testing); Other research (testing) methods without specification	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	"Packet residence time IP in the network has expired" (Time Exceeded Message - TEM): the "Packet timeout" field in this packet contains a zero value or the specified dwell time of this packet in the network expires before the assembly of its fragments is completed	is/is not ensured
					"Redirect" (Redirect Message - RM)	provided/not provided
					"Source Quench Message" (SQM): buffer overflow or high packet arrival rate	provided/not provided
					"Destination Unreachable Message": recipient address is unavailable, port is unavailable in the required transmission direction, not supported	not supported/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.515					Protocol stack, packet transmission without fragmentation is impossible when the fragmentation prohibition flag is set	
					"Problems in parameters" (Parameter Problem Message -RPM)	provided/not provided
1.516.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 38. Methodology for verifying compliance with the requirements for ICMP and ARP protocol parameters (Order of the Ministry of Communications and Mass Media of Russia No. 144 dated December 6, 2007, Order of the Ministry of Communications and Mass Media of Russia No. 124 dated September 14, 2010). ICMP messages about the status of network nodes "Echo Request" (Echo) and "Echo Reply Message" (EoERM), fields; Other studies (tests); methods of other studies (tests)	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	**"Data"**	provided/not provided
					"IP header"	provided/not provided
					"Identifier"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.516					"Message code"	provided/not provided
					"ICMR message control sequence"	Provided/Not provided
					"Sequence number"	provided/not provided
					"Message type"	provided/not provided
1.517.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 38. Methodology for verifying compliance with the requirements for ICMP and ARP protocol parameters (order	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	"**IP** header**"**	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.517	Ministry of Communications and Mass Media of Russia dated December 6, 2007, No. 144, Order of the Ministry of Communications and Mass Media of Russia dated September 14, 2010, No. 124), ICMP protocol; generation of "Timestamp/Timestamp Reply Message" (TTRM) messages at the initiative of the administrative management system, message fields; Other studies (tests); methods of other studies (tests) without specification	Communication means performing the function of switching systems;			"Identifier"	provided/not provided
					"Message code"	Provided/Not provided
					"ICMR message control sequence"	provided/not provided
					"Transmission timestamp"	provided/not provided
					"Receive timestamp"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.517					"Initial mark Time	provided/not provided
					"Serial number"	Provided/Not provided
					"Message type"	provided/not provided
1.518.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 38. Methodology for verifying compliance with the requirements for ICMP and ARP protocol parameters (Order of the Ministry of Communications and Mass Media of Russia No. 144 dated December 6, 2007, Order of the Ministry of Communications and Mass Media of Russia No. 124 dated September 14, 2010), ICMP protocol; message formation	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	"IP header"	provided/not provided
					"Identifier"	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.518	"Information Request/Information Reply Message" (IRolRM) initiated by the administrative management system, message fields; Other studies (tests); methods of other studies (tests) without specification				"Message code"	provided/not provided
					"ICMR message control sequence"	provided/not provided
					"Sequence number"	provided/not provided
					"Message type"	provided/not provided
1.519.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 38. Methodology for verifying compliance with the requirements for ICMP and ARP protocol parameters (order	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	"Router address n"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.519	Ministry of Communications and Mass Media of Russia dated 06.12.2007 No. 144, order of the Ministry of Communications and Mass Media of Russia dated 14.09.2010 No. 124), ICMP protocol; generation of a Router Advertisement Message at the initiative of the administrative management system, message fields; Other research (testing); methods of other research (testing) without specification	Communication means performing the function of switching systems;			"IP header"	provided/not provided
					"Message code"	Provided/Not provided
					"ICMR message control sequence"	provided/not provided
					"Address input size"	provided/not provided
					"Address validity period"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.519					"Message type"	provided/not provided
					"Preference level n"	Provided/Not provided
					"Number of router addresses"	provided/not provided
1.520	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 38. Methodology for verifying compliance with the requirements for ICMP and ARP protocol parameters (Order of the Ministry of Communications and Mass Media of Russia No. 144 dated December 6, 2007, Order of the Ministry of Communications and Mass Media of Russia No. 124 dated September 14, 2010), ICMP protocol; generation of the "Request" message	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	"IP header"	provided/not provided
					"Message code"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.520.	Router Solicitation Message initiated by the administrative management system, message fields; Other studies (tests); methods of other studies (tests) without specification				"Control Sequence of the ISMR message	provided/not provided
					"Message type"	Provided/Not provided
					Reserved	provided/not provided
1.521.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 38. Methodology for verifying compliance with the requirements for ICMP and ARP protocol parameters (Order of the Ministry of Communications and Mass Media of Russia No. 144 dated December 6, 2007, Order of the Ministry of Communications and Mass Media of Russia No. 124 dated September 14, 2010), Processing of ARP message packets; Other studies	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	request	provided/not provided
					response to request	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.521.	(tests); methods of other studies (tests) without specification					
1.522.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 38. Methodology for verifying compliance with the requirements for ICMP and ARP protocol parameters (Order of the Ministry of Communications and Mass Media of Russia No. 144 dated December 6, 2007, Order of the Ministry of Communications and Mass Media of Russia No. 124 dated September 14, 2010), ARP message formats; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	ARP message formats	provided/not provided
1.523.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 38. Methodology for verifying compliance with protocol parameter requirements	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Equipment	26.30;26.30.2;26.30;26 .30.11.110	8517	request packet generation	provided/not provided ARP

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.523	ICMP, ARP (Order of the Ministry of Communications and Mass Media of Russia No. 144 dated December 6, 2007, Order of the Ministry of Communications and Mass Media of Russia No. 124 dated September 14, 2010), Generation of ARP request packet; Other research (testing); Methods of other research (testing) without specification	Communication; Communication devices performing the function of switching systems;				
1.524.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 38. Methodology for verifying compliance with the requirements for ICMP and ARP protocol parameters (Order of the Ministry of Communications and Mass Media of Russia No. 144 dated December 6, 2007, Order of the Ministry of Communications and Mass Media of Russia No. 124 dated September 14, 2010), Setting the group broadcast address of the subnet;Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	group installation address of the subnet	broadcast address

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.525	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 38. Methodology for verifying compliance with ICMP protocol parameters, ARP protocol parameters (Order of the Ministry of Communications and Mass Media of Russia No. 144 dated December 6, 2007, Order of the Ministry of Communications and Mass Media of Russia No. 124 dated September 14, 2010), Generation and sending of a packet in response to an ARP request to the sender's address;Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Generation and sending of packet in response to an ARP request to the address of the request sender	provided/not provided
1.526.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 38. Methodology for verifying compliance with the requirements for ICMP and ARP protocol parameters (Order of the Ministry of Communications and Mass Media of Russia No. 144 dated December 6, 2007, Order of the Ministry of Communications and Mass Media of Russia	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Sender's IP address of the packet	provided/not provided
					Destination IP address of the packet	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.526.	14.09.2010 No. 124), Format ARP address resolution protocol packet format when transmitting IP protocol packets over an Ethernet data transmission network, fields; Other research (testing); other research (testing) methods without specification				Sender address of the packet in IEEE 802.2 standard networks	provided/not provided
					Address of the packet recipient in the IEEE 802 standard network	Provided/Not provided
					Protocol address space	provided/not provided
					Physical network address space	provided/not provided
					Protocol address length in bytes	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.526					Physical network address length in bytes	provided/not provided
					Operation code	provided/not provided
					Protocol type	provided/not provided
					Physical address of packet sender	provided/not provided
					Physical address of the packet recipient	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.527	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 38. Methodology for verifying compliance with the requirements for ICMP and ARP protocol parameters (Order of the Ministry of Communications and Mass Media of Russia No. 144 dated December 6, 2007, Order of the Ministry of Communications and Mass Media of Russia No. 124 dated September 14, 2010), Format ARP address resolution protocol packet format when transmitting IP protocol packets in a Token Ring data transmission network; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	maximum size of the UI packet carrying the ARP packet	provided/not provided
					minimum size of the UI packet carrying the ARP packet is not limited	provided/not provided
					no group and functional addresses in ARP packets	provided/not provided
					priority of UI packets containing ARP packets	provided/not provided
					Dynamic address discovery procedure	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.527					Function for recognizing copies of ARP requests coming from different sources and algorithm for excluding copy requests	provided/not provided
1.528.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 38. Methodology for verifying compliance with the requirements for ICMP and ARP protocol parameters (Order of the Ministry of Communications and Mass Media of Russia No. 144 dated December 6, 2007, Order of the Ministry of Communications and Mass Media of Russia No. 124 dated September 14, 2010), Format ARP address resolution protocol packet format when transmitting IP protocol packets in an FDDI data transmission network; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	use of addresses FDDI only with 6-byte length for IP and ARP packet transmission	provided/not provided
					Mapping of IP addresses (4 bytes) to FDDI data network addresses (6 bytes) using the ARP dynamic address discovery procedure	provided/not provided
					Mapping of an IP multicast address to an FDDI multicast address by placing the 23 least significant bits of the IP address in the least significant 23 bits of the FDDI address	provided/not provided
					Mapping of an IP multicast address to an FDDI multicast address FDDI	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1,528					Protocol packet transmission IP in byte-by-byte streaming mode	provided/not provided
					bitwise interpretation of addresses in the ARP packet within the boundaries of each byte in reverse order	provided/not provided
					total length of the logical link control (LLC) packet header and SNAP protocol header: 8 bytes	provided/not provided
1.529.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 39. Methodology for verifying compliance with IMS interface requirements (orders of the Ministry of Communications and Mass Media of Russia No. 101 dated August 27, 2007, No. May 31, 2007 No. 58, orders of the Ministry of Communications of Russia dated December 14, 2015 No. 542, dated 14.12.2015 No. 541, dated March 21, 2017 No. 129, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Gm between P-CSCF and UE, AGCF	provided/not provided
					ISC between S-CSCF and AS (ASF)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.529.	28.03.2011 No. 47), IMS interfaces using the SIP protocol; Other studies (tests); Methods of other studies (tests) without specification				Ic between IBCF and other IP Subsystems, PES, PSS	provided/not provided
					Ici between IBCF and IBCF of another node	provided/not provided
					Ma between I-CSCF and AS (ASF)	provided/not provided
					Mg between I/S-CSCF and MGCF	provided/not provided
					Mi between 1/S-CSCF and BGCF	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1,529.					Mj between MGCF and BGCF	provided/not provided
					Mk between BGCF and BGCF of the same node	provided/not provided
					Mg between 1/S-CSCF and MRFC	provided/not provided
					Mw between 1/S/P-CSCF and another CSCF of the same node	provided/not provided
					Mx between CSCF and IBCF; between BGCF and IBCF; between IBCF and CSCF of other nodes	provided/not provided -

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1,530.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 39. Methodology for verifying compliance with requirements for for IMS interfaces (commands Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders Ministry of Communications of Russia dated 14.12.2015 No. 542, dated 14.12.2015 No. 541, from 21.03.2017 No. 129, dated 28.03.2011 No. 47), IMS interfaces with using the Diameter; Other research (testing); methods of other research (testing) without clarification	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	Connection between I/S-CSCF and UPSF/HSS/AuC	provided/not provided
					Dh between AS (ASF) and SLF	provided/not provided
					Dx between I/S-CSCF and SLF	provided/not provided
					Gq' between P-CSCF and RACS; between IBCF and RACS	provided/not provided
					Rf between CSCF and CCF; between MGCF and CCF; between MRFC and CCF; between BGCF and CCF; between IBCF and CCF	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.530					Ro between CSCF and CCF; between MGCF and CCF; between MRFC and CCF; between BGCF and CCF; between IBCF and CCF	provided/not provided
					Sh between UPSF/HSS/AuC and AS (ASF)	provided/not provided
					e I between user terminal equipment UE and NASS	provided/not provided
					e2 between P-CSCF and NASS	provided/not provided
					eZ between UE and NASS	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.530.					e4 between RACS and NASS	provided/not provided
1.531.	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 39. Methodology for verifying compliance with for IMS interfaces (Iq commands Ministry of Communications and 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders Ministry of Communications of 14.12.2015 No. 542, dated 14.12.2015 No. 541, from 21.03.2017 No. 129, dated 28.03.2011 No. 47), IMS interfaces with using the MEGASO/H.248; Other research (tests); methods of other research (testing) without clarification	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.110	8517	Ia between BGF and RACS	provided/not provided
					Iq between P-CSCF and AGW	provided/not provided
					Ix between IBCF and TrGW/BGF	secured/unsecured
					Ms between MGCF and MGW	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.531					Mn between MGCF and MGW	Provided/Not provided
					MR between MRFC and MRFP	provided/not provided
1.532.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 39. Methodology for verifying compliance with IMS interface requirements (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 14.12.2015 No. 542, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), IMS interfaces using the MAR protocol; Other research (testing); methods of other research (testing)	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Between UPSF/HSS/AuC and GMSC	provided/not provided
					D between UPSF/HSS/AuC and MSC/VLR	provided/not provided
					G between VLR and VLR	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.532	without specification					
1.533	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 39. Verification methodology compliance with for IMS interfaces (orders Russian Ministry of Communications and Mass Media 27.08.2007 No. 101, dated 31 May 2007 No. 58, orders of the Ministry of Communications of Russia dated 14.12.2015 No. 542, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), IMS interfaces with using the RANAP; Other research (testing); methods of other research (testing) without specification	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.110	8517	lu between MGCF and network equipment radio access	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Detection range
1.534.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 40. Verification methodology parameters of interfaces to the data transmission network supporting multiprotocol label switching (MPLS) (orders of the Ministry of Communications of Russia dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, Order of the Ministry of Communications of Russia dated 28. 10.2008 No. 85), Functions MPLS; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	possibility of assigning equivalence class for forwarding packets (FEC)	provided/not provided
					ability to form an information database of labels (LIB)	provided/not provided
					~~Possibility of forming a stack~~ of MRLS tags	provided/not provided
					~~network border node functions~~	provided/not provided
1.535.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 40. Methodology for checking the parameters of interfaces to the data transmission network supporting	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	Tag length: 32 bits	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.535.	Multiprotocol Label Switching (MPLS) (Orders of the Ministry of Communications of Russia No. 112 dated 24.08.2006, No. 06.12.2007 No. 144, Order of the Ministry of Communications of Russia dated 28.10.2008 No. 85), Label structure; Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of switching systems;			"Lifetime" field	provided/not provided
					Field "Bottom of the drain"	provided/not provided
					"Service class" field	provided/not provided
					"Label" field	provided/not provided
1,536.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 40. Methodology for checking the parameters of interfaces to the data transmission network supporting	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	ATM	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.536	Multiprotocol Label Switching (MPLS) (Orders of the Ministry of Communications and Mass Media of Russia dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, Order of the Ministry of Communications of Russia dated 28.10.2008 No. 85), Support for several types of Level 2 frames in which the network-level IP packet is placed (the MPLS header is placed between the frame header and the IP packet header); Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of switching systems;			Ethernet	provided/not provided
					Frame Relay	Provided/Not provided
					rrr	provided/not provided
1.537.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 40. Methodology for checking the parameters of interfaces to data transmission networks supporting multi-protocol label switching (MPLS) (orders of the Ministry of Communications of Russia dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	MPLS IGP, supporting the label distribution signaling protocol and one of the routing protocols	provided/not provided
					MPLS TE, which provides average guaranteed bandwidth for certain classes	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.537	24.08.2006 No. 112, dated 06.12.2007 No. 144, order of the Ministry of Communications of Russia dated 28.10.2008 No. 85), Application of one or more technologies for laying paths between border routers; Other research (testing); methods of other research (testing) without specifying				traffic: LSPs are routed at the initiative of the network administrator	
					of virtual private networks, providing services distinguishing between customer traffic without mandatory encryption of information	provided/not provided
1.538.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 40. Methodology for checking the parameters of interfaces to data transmission networks supporting multi-protocol label switching (MPLS) (orders of the Ministry of Communications of Russia dated 24.08.2006 No. 112, dated December 6, 2007 No. 144, order of the Ministry of Communications of Russia dated October 28, 2008 No. 85), Use of transport protocol	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices that perform the function of switching systems;	26.30; 26.30.2; 26.30; 26.30.11.110	8517	use TCP transport protocol for label exchange between LSRs	provided/not provided
					exchange of LDP messages by sending protocol data units (PDUs) consisting of an LDP header and one or more LDP messages	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.538	TSP for label exchange between LSRs; Other studies (tests); Methods of other studies (tests) without specification					
1.539	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 40. Methodology for checking the parameters of interfaces to data transmission networks supporting multi-protocol label switching (MPLS) (orders of the Ministry of Communications of Russia dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, Order of the Ministry of Communications of Russia dated 28.10.2008 No. 85), Title LDP;Other research (testing);methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	"version" field	provided/not provided
					"PDU length" field	provided/not provided
					"LDP identifier" field	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.540	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 40. Methodology for checking the parameters of interfaces to data transmission networks that support multi-protocol label switching (MPLS) (Orders of the Ministry of Communications and Mass Media of Russia dated August 24, 2006, No. 112, dated 144 dated December 6, 2007, Order of the Ministry of Communications of Russia No. 28. 10.2008 No. 85), Support by border routers LSR for MPLS VPN technology; Other research (testing); methods of other research (testing) without specifying	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	**8517**	routing information exchange information between border routers defined as neighbors using the MP extension for the BGP	provided/not provided with
					~~support by border routers~~ LSR of MPLS VPN technology	~~provided/not provided~~
					~~Separation of routing~~ information for different clients on border routers of the MPLS network by installing separate YR routing protocol modules for each interface	~~provided/not provided~~
1.541.	Type conformity testing program and methodology, approved by the SPbGUT IC 1O.O1.2017. Appendix 40. Methodology for checking the parameters of interfaces to	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment	26.30;26.30.2;26.30;26.30.11.110	**8517**	"administrator" field	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.541.	Data transmission networks supporting multi-protocol label switching (MPLS) (Orders of the Ministry of Communications and Mass Media of Russia No. 112 dated 24.08.2006, No. 06.12.2007 No. 144, Order of the Ministry of Communications of Russia dated 28.10.2008 No. 85), Conversion of IPv4 source addresses to VPN-IPv4 addresses using the MP-BGP protocol to create unique (unambiguous) addresses (address space differentiation) by adding a prefix (RD) consisting of fields; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;			"assigned number" field	provided/not provided
					"type" field	provided/not provided
1.542.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 40. Methodology for checking the parameters of interfaces to data transmission networks supporting	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.3O.2;26.30;26.30.11.110	8517	LVPN not used when tunnel passage between border routers and is analyzed only at the tunnel endpoint, and depending on its value, the packet is delivered to the corresponding output	provided/not provided for

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.542	Multi-protocol label switching (MPLS) (Orders of the Ministry of Communications and Mass Media of Russia dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, Order of the Ministry of Communications of Russia dated 28.10.2008 No. 85), Assigning an MPLS packet a virtual private network label (LVPN); Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of switching systems;			interface	
					assignment by the protocol MP-BGP to an MPLS packet Virtual private network (LVPN) label located at the bottom of the MPLS label stack	provided/not provided by
1.543.	Type conformity testing program and methodology, approved by the SPbGUT IC 1O.O1.2017. Appendix 40. Methodology for checking the parameters of interfaces to data transmission networks supporting multi-protocol label switching (MPLS) (orders of the Ministry of Communications of Russia dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, order of the Ministry of Communications of Russia dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Topology formation networks using route export (import) rules by defining the "route target" (RT) attribute of the MP-BGP protocol	provided/not provided VPN

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.543	28.10.2008 No. 85), Formation of VPN network topology using the route export (import) rule by defining the "route type" (RT) attribute of the MP-BGP protocol; Other research (testing); methods of other research (testing) without specification					
1.544.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 41. Methodology for verifying the implementation of the call control protocol, independent of the transmission medium, VICC (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, orders of the Ministry of Communications of Russia dated 21.10.2009 No. 133, dated 27.06.2011 No. 160), Field BICC protocol messages consisting of a whole number of octets; Other research	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	call code	provided/not provided
					message type code	provided/not provided
					optional variable-length parameter part	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.544.	(tests); methods of other studies (tests) without specification				optional part Parameters of constant length	provided/not provided
					Mandatory part of variable length parameters	provided/not provided
					Mandatory part of fixed-length parameters	provided/not provided
1.545.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 41. Methodology for verifying the implementation of the call control protocol, independent of the transmission medium, VICC (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, dated 19.04.2007 No. 48, dated May 31, 2007 No. 58, orders of the Ministry of Communications of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	message format BICC protocol	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.545	21.10.2009 No. 133, dated 27.06.2011 No. 160), Format of BISS protocol message; Other studies (tests); methods of other studies (tests) without specification					
1.546.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 41. Verification methodology implementation of the call control protocol, independent of the environment transfer, VISS (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 19.04.2007 No. 48, dated 31.05.2007 No. 58, orders Ministry of Communications of Russia dated 21.10.2009 No. 133, dated 27.06.2011 No. 160), Messages and their codes; Other research (tests); methods of other studies (tests) without clarification	Equipment communication; Communication equipment, performing the function switching systems;	26.30; 26.30.11.110	8517	Address sufficient: code= 00000110	provided/not provided
					Channel group blocking: code = LLC 11LLC	provided/not provided
					Restoring the channel group to its original state: code = 0001011 **I**	provided/not provided
					Return channel to initial state: code= 00010010	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.546					Connection resumption: code= 00001110	ensured/not ensured
					Identification request: code = 00110110	provided/not provided
					Information request (national use): code= 00000011	provided/not provided
					Service request accepted: code= 00100000	provided/not provided
					Service request: code= 00011111	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.546					Request for characteristics (national use): code= 00101010	provided/not provided
					Information (national use): code= 00000100	Provided/Not provided
					Subscriber-to-subscriber information: code= 00101101	provided/not provided
					Payment information (national use): code= 00110001	provided/not provided
					Information preceding disconnection: code= 01000010	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.546					Identification code of an unequipped channel (national use): code= 00101110	provided/not provided
					Initial address message: code = 00000001	provided/not provided
					Mismatch: code = 00101111	provided/not provided
					Response to identification request: code = 00110111	provided/not provided
					Response to channel group characteristics request (national use): code = 00101011	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.546					Answer: code = 00001001	provided/not provided
					Service request rejection: CODE= 00100001	provided/not provided
					Application transfer: code = 01000001	provided/not provided
					Connection switching: code= 00001000;	provided/not provided
					Channel group lock confirmation: code= 00011010	provided/not provided

N No.	Documents establishing rules and methods for research **(testing) and measurements**	**Name of object**	**Code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Detection range**
1.546					Confirmation of return channel group to its original state: code = 001Ol 00l	provided/not provided
					Confirmation of channel group unlocking: code = OOO **11O11**	provided/not provided
					Follow-up address message: code= 00000010	provided/not provided
					Follow-up subscriber number (national use): code= 01000011	provided/not provided
					Loop prevention: code= 01000000	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.546					Communication 00001101	provided/not provided
					Channel group unlocking: code = LLC11001	provided/not provided
					Disconnection complete: code = LLC10000	provided/not provided
					Disconnection: code = 00001100	provided/not provided
					Segmentation: code = 00111000	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.546					Connection is established: code= 00101100	provided/not provided
					Connection: code = 00000111	established/not established
					Network resource management: code= 00110010	provided/not provided
					Service: code= 0011001 1	provided/not provided
					Connection integrity: code= 00000101	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.547	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 42. Methodology for checking TVSR protocol parameters (Orders of the Ministry of Communications of of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia), Transmission of messages TVSR protocol in packets "Defined by the application" of the RTCP; Other studies (tests); methods of other research (testing) without specification	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	message transmission TVSR protocol in packets "Defined appendix" to the protocol RTCP	provided/not provided
1.548.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 1O.O1.2017. Appendix 42. Methodology for checking TVCP protocol parameters (orders of the Ministry of Communications Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia),	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	forwarding parameters control messages transmission of subscriber information, coordinating in the process SIP message exchange between AS and RoS servers	provided/not provided

Forwarding parameters				

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.548	Subscriber information transfer control messages that are consistent in the process of SIP message exchange between AS and RoS servers; Other research (testing); methods of other research (testing) without specification					
1.549	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 42. Methodology for checking TVSR protocol parameters (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia), Transfer of information in the body of SIP messages *in* the SDR description for the purpose of coordinating message transfer parameters; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	information transfer in the messages in SDPR description for the purpose of coordinating message transfer parameters	provided/not provided SIP

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.550	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 42. Methodology for checking TVSR protocol parameters (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia), TVSR protocol messages; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	"included in communication session" from the RoS server to the AS	provided/not provided
					"request for subscriber information transfer" from AS to server	provided/not provided
					"request for position in queue for transfer of subscriber information" from AS to server	provided/not provided
					"indication of communication session termination" from the RoS server to the AS	provided/not provided
					"a certain terminal is given permission to transfer" from the server to the AS, which does not request permission for transmission	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.550.					"No terminal for this session has no permission to transmit" from the server to the AS	is provided/not provided
					"response to the message "request for position in the queue for transmission of subscriber information" from the server to the AS (can be transmitted by the server independently in case of exclusion of the AS from the queue or change of the queue)	provided/not provided
					"rejection of request for information transfer" from server to AS	provided/not provided
					"message receipt confirmation" from the AS to the server (contains the following parameters: AS is ready to accept an incoming communication session; AS is busy; AS does not accept incoming communication sessions)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.550					"stop transmission" from from the server to the transmitting AS	provided/not provided
					"Permission to transfer subscriber information" from the server to the AS	provided/not provided
					"Authorized transfer of subscriber data completed" from AS to server	secured/unsecured
1.551.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	choice of synchronous or asynchronous operating modes	provided/not provided
					change in the nominal speed of the transmitted signal; transmission speed: :::; 20 kbit/s	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.551.	07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), RS-232/V .24/V.28 interface; Other studies (tests); methods of other studies (tests) without specification				voltage at Input/output (at logical zero, at logical one)	from 0.1 to 100.0 (V)
					formation of a local loop and a loop at the remote end	provided/not provided
					Load resistance	from 10 to 10,000 (ohms)
					input/output circuit type: unbalanced	provided/not provided
1.552.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local communication equipment	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26 .30.11.110	8517	rise time from 10% level to 90% level (μs) pulse	from 0.001 to 1.000

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.552.	networks (Orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24 August 2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), RS-422/X.2 lN .11 interface; Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of switching systems;			selection of synchronous or asynchronous operating modes	provided/not provided
					change in the nominal speed of the transmitted signal; transmission speed: :;; 10 Mbps	provided/not provided
					input/output voltage (at logic zero, at logic one	from 0.**1** to 100.0 (V)
					formation of a local loop and a loop at the remote end	provided/not provided
					generator/load resistance	from IO to IOOOO (Ohm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.552					Type of input/output circuits: symmetrical	provided/not provided of
					currents in output circuits when short-circuiting these circuits at (mA) zero potential	from 0.1 to 10000.0
1.553.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 43. Methodology for verifying compliance with the requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications of Russia dated 22.03.2007 No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), V.35/V.28 interface; Other	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	rise time from 10% level to 90% level of the pulse	from 0.**1** to 1000.0 (μs)
					selection of synchronous or asynchronous operating modes	provided/not provided
					change in the nominal speed of the transmitted signal	provided/not provided

N Item	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Detection range
1.553.	research (testing); methods of other research (testing) without specification				stress on input/output (at logical zero, at logical one)	from 0.1 to 100.0 (V)
					formation of a local loop and a loop at the remote end; transmission speed: :s; 20 kbit/s	provided/not provided
					Load/receiver resistance	from 10 to 10,000 (ohms)
					input/output circuit type: symmetrical	provided/not provided
1.554.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computing	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	rise time from 10% level to 90% level pulse	from 0.1 to 1000.0 (μs)

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.554.	of networks (orders of the Ministry of Communications and Mass Media of Russia dated 22.03.2007 No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), RS-423/V .36/V.1O interface; Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of switching systems;			Selection of synchronous or asynchronous operating modes	provided/not provided
					Generator output resistance	from 10 to 10,000 (ohms)
					change in the nominal speed of the transmitted signal; transmission speed: :::; 100 kbit/s	provided/not provided
					input/output voltage (at logic zero, at logic one)	from 0.1 to 100.0 (V)
					formation of a local loop and a loop at the remote end	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.554					Load resistance	from 10 to 10,000 (ohms)
					Type of input/output circuits: asymmetrical	provided/not provided
					Generator output currents during short circuit at any output state	from 0.1 to 10,000.0 (mA)
1.555	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	rise time from 10% level to 90% level of the pulse	from 0.001 to 1.000 (μs)
					change in nominal transmission signal speed; transmission speed: :::; 10 Mbit/s	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.555	07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), RS-530 interface (DB-25 connectors), RS-449 (DB-37 connectors); balanced mode; Other studies (tests); methods of other studies (tests) without specification				voltage at input/output at logic unit	from 0.1 to 100.0 (V)
					Input/output voltage at logical zero	from 0.1 to 100.0 (V)
					formation of a local loop and a loop at the remote end	provided/not provided
					Load resistance	from 10 to 10,000 (ohms)
					input/output circuit type: symmetrical	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.555					currents in output circuits when these circuits are closed to zero potential	from 0.1 to 10000.0 (mA)
1.556	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC January 10, 2017. Appendix 43. Methodology for testing compliance with requirements for protocols and interfaces local computing networks (orders Ministry of Communications of Russia from 22.03.2007 No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Interface RS-530 (DB-25 connectors), RS-449 (DB-37 connectors); unbalanced mode; Other research (tests); methods of other research (testing) without specification	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Communication equipment Communication equipment; Communication equipment, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	rise time from level I O% to level 90% pulse	from 0.**1** to 1000.0 (µs)
					output resistance generator	from 10 to 10,000 (ohms)
					change in the nominal speed of the transmitted signal; transmission speed: :c; 100 kbit/s	provided/not provided
					input/output voltage at logical unit	from 0.1 to 100.0 (V)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1,556.					voltage at input/output at logic zero	from 0.1 to 100.0 (V)
					formation of a local loop and a loop at the remote end	provided/not provided
					load resistance	from 10 to 10000 (Ohm)
					input/output circuit type: unbalanced	provided/not provided
					generator output currents during short circuit at any OUTPUT state	from 0.1 to 10,000.0 (mA)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Detection range
1.557.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), IF Protocol; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26.30.11.110	8517	load resistance (for IF request channel and IF response channel): 75 ohms	from 10 to 10,000 (ohms)
					signal spectrum envelope	provided/not provided
					reference frequency: 10 MHz	provided/not provided
					frequency stability (for IF request channel and IF response channel)	provided/not provided
					Signal level for IF request channel (transmission, reception)	from minus 80 to 20 (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.557					Signal level for IF return channel (transmission, reception)	from minus 80 to 20 (dBm)
					Phase noise (for IF request channel and IF response channel), at offset (at frequency: **1** kHz; 10 kHz; 100 kHz; **1** MHz)	from minus 103 to 0 (dBm)
					Frequency range (transmission, reception for IF request channel and IF response channel): 950-1700 MHz	from 0.001 to 200000000.000 (Hz)
					Frequency tuning step (for IF request channel and IF response channel): 1 Hz	provided/not provided
					Output power level adjustment step (for IF request channel and IF response channel): 0.5 dB	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (Indicator)	Determination range
1.558	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Ethernet frame format Ethernet frame; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Sender's address	provided/not provided
					Recipient's address	provided/not provided
					Data	provided/not provided
					Data field length	provided/not provided
					Frame control sequence	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.558					Initial limiter	Provided/Not provided
					Preamble	provided/not provided
1.559.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), RNT Protocol; Other research	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	input resistance when use of frequency ranges: 5.5 9.5 MHz, 4 10 MHz, 4 21 MHz, 4 28 MHz	provided/not provided
					reflection attenuation when using frequency ranges: 5.5 9.5 MHz, 4 10 MHz, 4 21 MHz, 4 28 MHz	provided/not provided
					PNT interface parameters (signal transmission frequency band: 5.5–9.5 MHz, 4–10 MHz; 4-21 MHz; 4 28 MHz; transmission speed: 1 Mbit/s; from 4 to 240 Mbit/s; modulation type: QAM, FDQAM)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.559.	(tests); methods of other studies (tests) without specification				load resistance PNT interface	provided/not provided
					Spectral power density of the output signal when using the following frequency ranges: 5.5–9.5 MHz, 4 10 MHz, 4 21 MHz, 4 28 MHz (in "High Level" transmission mode; in "Low Level" transmission mode)	provided/not provided
					frame format (Preamble; Frame Control; Destination Address; Source Address; Type; Data; Frame Check Sequence; PNT Frame Check Sequence PNT)	provided/not provided
1.560.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment	26.30;26.30.2;26.30;26.30.11.110	8517	Operating frequency range transmission on lines with nominal voltage 220 V: from 9.4 to 30 MHz	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.560	protocols and interfaces of local computer networks (orders of the Ministry of Information and Communications of Russia dated 22.03.2007 No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), PLT Protocol; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;			Operating frequency range Transmission on lines with a nominal voltage of 380 V: from 1.6 to 11 MHz	provided/not provided
					Operating frequency range for transmission on mixed lines (220/380 V) on a section with a nominal voltage of 220 V: from 11 to 30 MHz	provided/not provided
					Operating frequency range for transmission on mixed lines (220/380 V) in a section with a nominal voltage of 380 V: from 1.6 to 9.4 MHz	provided/not provided
					non-sinusoidal coefficient: up to 12 %	provided/not provided
					nominal AC frequency; permissible frequency deviation	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.560					Nominal voltage: :c; 35 kV; permissible voltage deviation	provided/not provided
					implementation of output power spectral density control within the operating frequency ranges	provided/not provided
					spectral density of interference power	provided/not provided
					Frame format (Preamble; Start delimiter; Destination address; Source address; Data field length; Frame check sequence)	provided/not provided
					electrical interface parameters	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.561.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Token Bus Interface; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	interface parameters (Token Bus transmission medium: coaxial cable, fiber optic cable; linear encoding: differential Manchester; Token Bus transmission speed: 5 Mbit/s or 10 Mbit/s)	provided/not provided
					Data frame format (Preamble; Start delimiter; Frame control; Destination address; Source address; Data; Frame check sequence; End delimiter)	provided/not provided
					Marker frame format (Preamble; Start delimiter; Frame control; Destination address; Source address; Frame check sequence; End delimiter)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.561					Interrupt frame format (Start delimiter; End delimiter)	Provided/Not provided
1.562.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Token Ring interface; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	interface parameters (Token Ring transmission medium: shielded and unshielded twisted pairs of symmetrical cable; linear coding: differential Manchester; Token Ring transmission speed: 4 Mbit/s or 16 Mbit/s)	provided/not provided
					Data frame format (Start delimiter; Access control; Frame control; Destination address; Source address; Data; Frame check sequence; End delimiter)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.562					Marker frame format (Initial limiter; Access control; End delimiter)	Provided/Not provided
					Interrupt frame format (Start delimiter; End delimiter)	provided/not provided
1.563.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007 No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. 11, dated 14.09.2010 No. 124, dated October 28, 2008, No. 85), FDDI, CDDI interfaces:;	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	timeout values (marker wait, marker hold, correct transmission)	provided/not provided
					values of the UK field of the data frame format	provided/not provided
					CDDI interface parameters (transmission medium: shielded twisted pair STP type **1,** unshielded twisted pair UTP category 5; linear encoding: MLT; distance between CDDI nodes: up to 100 m)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.563	Other research (testing); methods of other research (testing) without specification				interface parameters FDDI (transmission medium: fiber optic cable, 1300 nm; linear coding: 4B5B (redundant code); transmission speed: 100 Mbit/s; distance between FDDI nodes: up to 2000 m for multimode fiber optic cable, up to 500 m for short-distance multimode fiber optic cable, up to 60,000 m for single-mode fiber optic cable)	provided/not provided
					data frame format, fields (Preamble; Start delimiter; Frame control; Destination address; Source address; Data; Frame check sequence; End delimiter; Frame status)	provided/not provided
					marker frame format (Preamble; Start delimiter; Frame control; End limiter)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.564	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), TR-RMD interface; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26.30.11.110	8517	values of the UK field of the format data frame	provided/not provided
					interface parameters (transmission medium: shielded and unshielded twisted pairs of symmetrical cable; linear coding: three-level MLT-3 code; transmission speed: 100 Mbit/s)	provided/not provided
					data frame format (Preamble; Start delimiter; Frame control; Destination address; Source address; Data; Frame check sequence; End delimiter; Frame status)	provided/not provided
					marker frame format (Preamble; Start delimiter; Frame control; End delimiter)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Detection range
1.565.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Interface l00VG-AnyLAN; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26.30.11.110	8517	interface parameters (transmission medium: shielded and unshielded twisted pairs of symmetrical cable, fiber optic cable; line coding: quad coding with redundant code; transmission speed: 100 Mbit/s)	provided/not provided
					frame format (preamble; start delimiter; destination address; source address; data field length; data; frame check sequence)	provided/not provided
					Data frame format (Start delimiter; Access control; Frame control; Destination address; Source address; Data; Frame check sequence; End delimiter)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.565					Marker frame format (Initial limiter; Access control; End delimiter)	Provided/Not provided
					Interrupt frame format (Start delimiter; End delimiter)	provided/not provided
1.566.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, dated 07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), RRR Protocol; packet format, fields:;	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Address (OxFF)	provided/not provided
					Information	provided/not provided
					Header checksum	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.566	Other studies (tests); methods of other studies (tests) without specification				Protocol type (for IP - Okh21)	provided/not provided
					Management (Okh03)	provided/not provided
					Flag (Ok7E)	provided/not provided
1.567.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated 22.03.2007 No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, dated	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	sliding window with a size of 7 frames with a control field size of 1 byte or 127 frames with a control field size of 2 bytes	provided/not provided
					protocol format, fields (opening and closing flags (1 byte - **01** 11111O) for determining the beginning and end of a frame; address for determining the direction frame transmission in	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.567.	07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), NDLS Protocol; Other studies (tests); methods of other studies (tests) without specifying				two-point configuration; control field determining the type of transmitted frame; information field)	
1.568.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications of Russia dated 22.03.2007 No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Protocol X.25; Other research (testing); methods of other	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26.30.11.110	8517	interaction with users (networks) not operating in X.25 mode	provided/not provided
					frame recovery after error situations (reset and restart)	provided/not provided
					recovery after error detection	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurement	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.568	research (testing) without clarification				group of logical channels (any of the following types: permanent virtual channel, switched incoming virtual channel, switched duplex virtual channel)	provided/not provided
					information for establishing and disconnecting connections in control frames	provided/not provided
					multiplexing/demultiplexing of frames	provided/not provided
					transmission error detection	provided/not provided
					Transmission error detection using a control sequence, placed in the header	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.568					Frame	
					Transmission of control and information frames	provided/not provided
					Repeated transmission	provided/not provided
					Repeated transmission when receiving a damaged frame	provided/not provided
					Support for transparent frame transmission	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Characteristic being determined (Indicator)	Definition range
1.568						provided/not provided
					Confirmation of accepted personnel	
					Procedure for confirming accepted undamaged personnel	provided/not provided
					Procedures for multiplexing and demultiplexing user frames using virtual channel identifiers	provided/not provided
					Data block segmentation and assembly procedures	provided/not provided
					Segmentation/assembly of data blocks	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.568					creation of virtual channels	provided/not provided
					Frame formats, fields (Flag, Address, Control, Information, Frame checksum field, Maximum number of transit sections, Flag)	provided/not provided
					X.25 frame formation	provided/not provided
					electrical parameters of interfaces	provided/not provided
1.569.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Equipment	26.30;26.30.2;26.30;26.30.11.110	8517	Interaction with users not operating in Frame Relay mode, using the appropriate encapsulation	provided/not provided by

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.569.	local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Frame Relay Protocol (FR); Other research (testing); methods of other research (testing) without specifying	communication; Communication devices performing the function of switching systems;			possibility Prevention of network overload leading to the need to discard frames by transmitting special messages in the forward and/or reverse direction	provided/not provided
					Detection of transmission errors using a control sequence located in the frame header	Provided/Not provided
					Discarding damaged frames without notifying users	provided/not provided
					Discarding frames with a set frame priority indicator bit first when overload and storage overflow occur	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.569					Personnel conversion Frame Relay in ATM cells: the FR-SSCS protocol from the Frame Relay frame forms the FR-SSCS-PDU data block by discarding the opening and closing flag fields, inserted zero bits, and the FCS cyclic code check field; all other fields (DLCI, DE, FECN and BECN, C/R) are copied exactly (to indicate the loss priority, the CLP field of each ATM cell is set to: the DE value; a constant value (O or \)).	provided/not provided
					conversion of ATM cells into Frame Relay frames: the FR-SSCS protocol forms a Frame Relay frame from the FR-SSCS-PDU protocol data block, inserting zero bits, CRC-16 (flags and all other fields are copied exactly: loss priority indication DE field: to **"I"** if one or more	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.569					ATM cells have CLP = 1; to the value of the DE bit of the FR-SSCS-PDU block; overload indication of the BECN field is set to the value of the BECN field of the FR-SSCS-PDU block, the value of the FECN field: to "O" if PTI = O of the last received cell and the FECN field of the FR-SSCS-PDU = O; to **"I"** if the FECN field of the FR-SSCS-PDU = **1;** to "1" if RP = 1 of the last received cell and the FECN field of the FR-SSCS-PDU block = O)	
					procedure for multiplexing and demultiplexing frames from different users using data channel connection identifiers	provided/not provided
					technical operation and maintenance through monitoring of the operation process, detection and localization of failures, exchange of status information	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.569.					Connections	
					Frame formats (Flag, First octet of the address field, Second octet of the address field, Information field, Check sequence (first octet), Check sequence (second octet), Flag)	Provided/Not provided
					FR functions (frame formation; support for transparent frame transmission; frame multiplexing/demultiplexing; transmission error detection; destruction of damaged frames; technical operation and maintenance; overload control in communication network; service categories; interaction with	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1,569.					users (networks) not operating in Frame Relay mode)	
					ATM and Frame Relay protocol interaction functions (service-oriented convergence sublayer (FR-SSCS) for transmitting Frame Relay frames through ATM systems; multiplexing (demultiplexing) of frame-switched bearer connections (FSBS) over ATM: multiple Frame Relay connections are multiplexed into a single ATM VCC connection using a data link channel identifier (DLCI), or each Frame Relay connection is mapped to a single ATM **VCC,** using DLCI and VPI/VCI identifiers)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.569					four categories services (maximum data transfer rate (access channel transfer rate); amount of data in a given time interval (for a specific virtual connection under normal operating conditions); amount of untransmitted data (in addition to the data already transmitted for a specific virtual connection); information transfer rate (for a specific virtual connection under normal operating conditions))	provided/not provided
					electrical parameters interfaces	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.570	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Verification methodology compliance with requirements for local area network protocols and interfaces (orders of the Ministry of Communications and Mass Media of Russia dated 22.03.2007 No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007 No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Format of encapsulation of IP protocol packets into X.25 protocol packets; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	identifier value NLPID for IP: "CC" hexadecimal	provided/not provided
					presence in the X.25 "Call Request" packet in the "User Call Data" field of the NLPID network layer protocol identifier encapsulated over the X.25 virtual channel	provided/not provided
					transfer of an IP packet into the data block field of an X.25 data packet; fragmentation of an IP packet	provided/not provided
1.571.	Type conformity testing program and methodology, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 43.	Communication equipment; Terminal (user) equipment for telephone or telegraph	26.30;26.30.2;26.30;26.30.11.110	8517	by identifier NLPID	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.571	Methodology for verifying compliance with requirements for local area network protocols and interfaces (Orders of the Ministry of Communications and Mass Media of Russia No. 39 dated March 22, 2007, and No. 60 dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Types of procedures for encapsulating IP packets into X.25 protocol packets; Other research (testing); methods of other research (testing) without specifying	connection, video communication equipment Communication equipment; Communication devices performing the function of switching systems;			via a channel using "zero" encapsulation, in multiplexed data packets within the SNAP protocol using the protocol SNAP: data packets are identified by a "Unique Administratively Assigned Identifier" (OUI) contained in the SNAP protocol header and having a value of "000000" hexadecimal, as well as the "Protocol Identifier" (PID) with a value of "0800" hexadecimal	provided/not provided with provided/not provided
1.572.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for local area network protocols and interfaces (orders	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices,	26.30;26.30.2;26.30;26.30.11.110	8517	configurable minimum timeout for channels, during which channels remain open while end nodes are active	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.572.	Ministry of Communications and Mass Media of Russia dated 22.03.2007 No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, dated 07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Procedures for encapsulating IP packets into X.25 protocol packets; Other research (testing); methods of other research (testing) without specifying	performing the function of switching systems;			possibility Configuration of the maximum data block length (PDU) for the IP protocol	provided/not provided
					selection of a mode configuration in which several virtual channels are assigned to a single protocol	provided/not provided
					use of virtual channel idle timeout to reset their active state, ability to configure timeout	provided/not provided
					maximum size of transmitted data	provided/not provided
					prevention of the use of algorithms to prevent conflicts between virtual channel calls	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.572.					Transmission/reception of blocks of protocol data with a length of s': 1600 bytes	provided/not provided
					support between networks transmission of data via a separate virtual channel	provided/not provided
					Support for multiple virtual channels for single encapsulation	provided/not provided
					confirmation of calls of the same encapsulation in order to close the channel or ignore PDUs from the channel	provided/not provided
					Receipt of multiple incoming calls with the same encapsulation from a single node; receipt and subsequent transmission of incoming PDUs via an additional channel	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.572					IP packet loss if The virtual channel closes or resets when an IP packet is received.	provided/not provided
					Implementation of a configurable option to receive calls from unconfigured addresses	provided/not provided
					parameter negotiation for X.25 (packet size, window size)	provided/not provided
					Variable channel close timer to prevent repeated calls to emergency numbers to destination nodes	provided/not provided
1.573.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Equipment	26.30;26.30.2;26.30;26 .30.11.110	8517	protocol identifier network level NLPID, containing the IP protocol code	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.573	Local computing networks (orders Ministry of Communications of Russia dated 22.03.2007 No. 39, from 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Two encapsulation methods for IP packets transmitted over Frame data transmission network Relay; with use; Other research (tests); methods of other research (testing) without specification	communication; Communication tools, performing the function switching systems;			protocol identifier network level NLPID, containing the protocol code access to the SNAP subnet	provided/not provided
1,574.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications of Russia dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of	26.30;26.30.2;26.30;26 .30.11.110	8517	maximum number undamaged information frames (!- frames)	provided/not provided
					maximum frame size	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1,574.	22.03.2007 No. 39, from 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Agreement on the parameters the data link level by configuration or in resuzh,tate procedure through frame exchange "Identification of exchange parameters exchange" (HID); Other research (tests); methods of other research (testing) without specification	switching systems;			retransmission timer	provided/not provided
1.575.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for local area network protocols and interfaces (orders of the Russian Ministry of Communications and Mass Media dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of	26.30;26.30.2;26.30;26.30.11.110	8517	Exclusion of messages from processing and transmission if, during the reverse assembly procedure, the loss or distortion of a fragment is detected	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.575	22.03.2007 No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Frame Relay protocol fragmentation procedure; Other research (testing); methods of other research (testing) without specifying	switching systems;			maximum size the transmitted frame, fragmentation procedure for transmitting IP packets whose length does not allow them to be encapsulated in a single Frame Relay frame	provided/not provided of
					transmission of fragments in the order determined by the value of the offset field from the start of the fragmented packet; the inability to insert other packets or information related to the same data link connection (DLC) into the sequence of fragments belonging to one packet	provided/not provided in
1.576.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for local area network protocols and interfaces (orders of the Russian Ministry of Communications and Mass Media dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function	26.30;26.30.2;26.30;26.30.11.110	8517	Packet encapsulation Address Resolution Protocol into Frame Relay packets using SNAP header encapsulation	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.576	22.03.2007 No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Procedure for encapsulating address resolution packets (ARP) into Frame Relay protocol frames; Other research (experiments); methods of other research (experiments) without specifying	switching systems;			copying a packet with ARP protocol request and its distribution to each corresponding DLC connection by the packet recipient	ensured/not ensured by an
					modification connection identifier of the DLCI data link in the header of the encapsulated ARP packet during transmission over the Frame Relay network	provided/not provided
1.577.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for local area network protocols and interfaces (orders of the Ministry of Communications of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	selection of method for permanent connections or via B-ISDN signaling procedures for switched connections connections	provided/not provided
					maximum IP packet length (MTU)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.577.	07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Multiplexing and encapsulation formats of IP protocol packets when transmitted over an ATM data transmission network; Other research (testing); methods of other research (testing) without specification				presence in the header LLC Values "AAAAOZ" hexadecimal for IP packet encapsulation, which corresponds to the case when the LLC header is followed by the SNAP header, which identifies the protocol	provided/not provided
					presence in the SNAP header of the OUI field, whose value is set to "O", and the EtherType field, whose value corresponds to the protocol to which the packet belongs	provided/not provided
					absence of LLC and SNAP headers in the AAL5 PDU block for switched ATM data networks and presence of only user and terminal data	provided/not provided
					IP packet transfer in the PDU field of the AAL5 protocol	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	kodezp 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.577					Encapsulation method encapsulation without using LLC and SNAP headers (for switched ATM connections) - when allocating a separate virtual channel connection to each protocol	Provided/Not provided
					encapsulation method using the LLC data link control header and the SNAP subnetwork access protocol header to identify the IP protocol - when using one virtual connection with several protocols	provided/not provided
					setting the EtherType field to "0800" hexadecimal for the IP protocol, to "0806" hexadecimal for the ARP protocol	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.578.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Structure of the AAL5 protocol data block with encapsulation; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	CPI: indicator of common part	provided/not provided
					CRC: check sequence	provided/not provided
					Length: user data length	provided/not provided
					PAD: padding field	provided/not provided
					UU: information transfer field	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.579	Program and methodology confirmation tests type conformity, Approved by the SPbGUT IC 10.01.2017. Appendix 43. Methodology for testing compliance with protocols and interfaces local computing networks (orders Russian Ministry of Communications 22.03.2007 No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Support parameters specific for operation in the ATM transmission network ; Other research (testing); methods of other research (testing) without specification	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment communication equipment; Communication equipment, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	support for parameters, specific to operation in ATM data transmission networks	provided/not provided
1.580.	Program and methodology confirmation tests type conformity, Approved by the SPbGUT Information Center 10.01.2017. Appendix 43.	Equipment communication ; Terminal equipment (user) telephone or telegraph	26.30;26.30.2;26.30;26.30.11.110	8517	value of edge pulse distortion at dialing a number (::04 ms)	from 1 to 10000 (μs)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.580	Methodology for verifying compliance with requirements for local area network protocols and interfaces (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, dated 07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), E&M Type I Signaling Interface; Other studies (tests); methods of other studies (tests) without specifying	connection, video communication equipment Communication equipment; Communication devices performing the function of switching systems;			residual value Voltage in the low-resistance state of the transmitter's "E" circuit at a current of 250 mA (::o 2.0 V)	from 0.**1** to 100.0 (V)
					Residual voltage in the low-resistance state of the transmitter's "M" circuit at a current of 85 mA (::o 5.0 V)	from 0.1 to 100.0 (V)
					The residual voltage of the transmitter's "M" circuit in "inactive" mode relative to "ground" when an external voltage of minus 48 V is applied to the circuit through a resistor with a resistance of 1000 ohms (::o 1.0 V)	from 0.1 to 100.0 (V)
					Output resistance of circuit "E" in high-impedance state (?. 100 kΩ)	from 2 to 100,000,000 (ohms)
					voltage applied to the "E" circuit of the transmitter in the open state (from minus 42.5 to minus 52.5 V)	from 0.1 to 100.0 (V)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.580.					power supply to circuit "E" Receiver from a primary DC source with a nominal voltage of minus 48 V	provided/not provided
					Power supply of the transmitter's "M" circuit from a primary DC source with a nominal voltage of minus 48 V	provided/not provided
					circuit for limiting the current of the transmitter's "M" circuit to 85 mA	provided/not provided
					circuit operation "M" receiver at an applied voltage from plus 10.0 to minus 52.5 in	provided/not provided
1.581.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local communication equipment	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26 .30.11.110	8517	magnitude of edge of pulse distortion at (μs) when dialing a number (:::;4 ms)	from **1** to 10000

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.581.	networks (orders of the Ministry of Communications and Mass Media of Russia dated 22.03.2007 No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, dated 07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), E&M signaling interface type P; Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of switching systems;			residual value Voltage at the closed contact of circuits "E" and "SG" of the transmitter at a current of 50 mA (S 2.0 V)	from 0.**1** to 100.0 (V)
					Open circuit resistance of transmitter circuits "E" and "SG" (approx. 500 kΩ)	from 0.1 to 10000.0 (MΩ)
					leakage current between circuits "M" and "SB" at a voltage of ±12 V (S 24 μA)	from 0.1 to 10000.0 (mA)
					power supply to the receiver's "E" circuit from a primary DC source with a nominal voltage of minus 48 V	provided/not provided
					difference in current values in circuits "M" and "SB" (S 10 %)	from 0.1 to 10000.0 (mA)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.581.					Current limiting circuit Transmitter "E" circuit up to 175 mA	from 0.1 to 10000.0 (mA)
					Three-stage current limiting circuit of the transmitter's "SB" circuit (first stage up to 175 mA; second stage up to 1.7 A; third stage up to 4 A)	provided/not provided
					operation of the transmitter's "E" circuit at an applied voltage from plus 10.0 to minus 52.5 in	ensured/not ensured
					Functioning of the transmitter's "SB" circuit at an applied voltage FROM PLUS 52.5 TO MINUS 52.5 in	ensured/not ensured
1.582.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment	26.30;26.30.2;26.30;26.30.11.110	8517	magnitude of edge of pulse distortion when (μs) when dialing a number (::0.4 ms)	from **1** to 10000

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.582	protocols and interfaces of local computer networks (orders of the Ministry of Communications of Russia dated 22.03.2007 No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, dated 07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), E&M signaling interface type PI; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;			residual value Voltage in the low-resistance state of the transmitter's "E" circuit at a current of 50 mA (S 2.0 V)	from 0.1 to 100.0 (V)
					The residual voltage at the contact between the "M" and "SG" circuits of the transmitter relative to "ground" when an external voltage of minus 48 V is applied to the "M" circuit through a resistor with a resistance of 1000 ohms (S 1.0 V)	from 0.1 to 100.0 (V)
					Output resistance of circuit "E" in high-impedance state (?. 100 kΩ)	from 2 to 100,000,000 (ohms)
					voltage applied to the "E" circuit of the transmitter in the open state (from minus 42.5 to minus 52.5 V)	from 0.1 to 10000.0 (V)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.582.					power supply to circuit "E" Receiver from a primary DC source with a nominal voltage of minus 48 V	provided/not provided
					Difference in current values in circuits "M" and "SB" (::: 10%)	from 0.1 to 10000.0 (mA)
					Three-stage current limiting circuit of the transmitter's "SB" circuit (first stage up to 175 mA; second stage up to 1.7 A; third stage up to 4 A)	provided/not provided
					operation of the transmitter's "SB" circuit at applied voltage FROM PLUS 52.5 TO MINUS 52.5 in	provided/not provided
1.583.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment	26.30;26.30.2;26.30;26 .30.11.110	8517	magnitude of edge of pulses at (μs) when dialing a number (::: 4 ms)	from 0.1 to 10000.0

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.583	protocols and interfaces of local computer networks (orders of the Ministry of Information and Communications of Russia dated 22.03.2007 No. 39, dated 06.06.2007 No. 60, dated 24 August 2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), E&M Type IV Signaling Interface; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;			residual value Voltage at the closed contact of circuits "E" and "SG" of the transmitter at a current of 50 mA (S 2.0 V)	from 0.**1** to 100.0 (V)
					Residual voltage on the closed contact of the "M" and "SB" circuits of the transmitter at a current of 50 mA (S 2.0 V)	from 0.**1** to 100.0 (V)
					resistance value of the open contact of the transmitter's "E" and "SG" circuits (2: 500 kΩ)	from 0.1 to 10000.0 (MΩ)
					open circuit resistance of transmitter circuits "M" and "SB" (2: 500 kΩ)	from 0.1 to 10,000.0 (MΩ)
					power supply to the receiver's "M" circuit from a primary DC source with a nominal voltage of minus 48 V	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.583					Power supply to. receiver from primary DC source with nominal voltage minus 48 V	Provided/Not provided
					circuit for limiting the current of the transmitter's "E" circuit to 175 mA	from 0.1 to 10000.0 (mA)
					transmitter circuit "M" current limiting circuit to 175 mA	from O to 10,000.0 (mA)
					operation of the transmitter's "E" circuit at an applied voltage from plus 10.0 to minus 52.5 in	ensured/not ensured
					Functioning of the transmitter's "M" circuit at an applied voltage from PLUS] 0.0 TO MINUS 52.5 in	ensured/not ensured

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.584	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated 22.03.2007 No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), E&M signaling interface type V; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26.30.11.110	8517	output current value (::o 85 mA)	from 0.1 to 10000.0 (mA)
					marginal distortion value when dialing a number (::0.4 ms)	from 1 to 10,000 (μs)
					residual voltage in low-resistance state (less than 0.5 V at 20 mA; less than 2.5 V at 85 mA)	from 0.**1** to 100.0 (V)
					output resistance of the interface in high-resistance state (c': 200 kΩ)	from 0.1 to 10000.0 (MΩ)
					non-operation of the interface receiver at a current of 1.1 mA	from 0.1 to 10000.0 (mA)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.584					Interface receiver Withstands voltage in the range from minus 200 V to PLUS lOB	provided/not provided
					Interface receiver activation at currents above 2.4 mA	from 0.1 to 10,000.0 (mA)
					output circuit operation at a maximum voltage of 75 V	provided/not provided
1.585.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Input resistance of receivers (from 3 to 7 kΩ)	from 10 to 10,000 (ohms)
					output resistance of data and synchronization signal transmitters (no more than 100 ohms)	from 10 to 10,000 (ohms)

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.585.	07.12.2006 No. 158, orders of the Ministry of Communications of Russia dated 27.01.2009 No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Interface for low-speed data input (output); Other research (testing); methods of other research (testing) without specifying				Number of transmitters: **1**	provided/not provided
					Number of receivers: **l**	provided/not provided
					Maximum cable length: 15 m	provided/not provided
					logic zero voltage at the receiver input (from 0 to 12 V)	from 0.1 to 100.0 (V)
					logic zero voltage at the transmitter output (from 5 to 12V)	from 0.1 to 100.0 (V)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.585					Logic voltage at the receiver input (from minus 12 to minus 3 V)	from 0.1 to 100.0 (V)
					logic unit voltage at the transmitter output (from minus 12 to minus 5 V)	from 0.1 to 100.0 (V)
					Potential difference between the "signal grounds" of the connected devices (no more than 2 V)	from 0.1 to 100.0 (V)
					data transfer rate: 115 kbit/s	provided/not provided
					signal type: asymmetrical	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.586	Confirmation testing program and methodology type conformity, approved by IC SPbGUT 10.01.2017. Appendix 43. Methodology for testing compliance with protocols and interfaces local computing networks (orders Ministry of Communications of Russia dated 22.03.2007 No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated 06.12.2007 No. 144, dated 07.12.2006 No. 158, orders Ministry of Communications of Russia dated 27.01.2009 No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Interface for high-speed input (output) data; Other research (tests); methods of other research (testing) without specification	Communication equipment; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communication; Means of communication, performing the function switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	voltage range input signal receiver (±7 V)	from 0.1 to 100.0 (V)
					Number of transmitters: **1**	provided/not provided
					number of receivers: 10	provided/not provided
					maximum cable length (1200 m)	provided/not provided
					maximum input resistance of the receiver (4 kΩ)	from IO to IOOOO (ohms)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1,586.					Maximum output transmitter output range (±5 V)	from 0.1 to 100.0 (V)
					Maximum short-circuit current of the transmitter (150 mA)	from 0.1 to 10000.0 (mA)
					Minimum transmitter output range (±2 V)	from 0.1 to 100.0 (V)
					logic zero voltage at the receiver input (no more than 200 mV),	from 0.1 to 100.0 (V)
					logic one voltage at the receiver input (not less than 200 mV),	from 0.1 to 100.0 (V)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.586					Data transfer rate: No more than 30 Mbit/s	provided/not provided
					Transmitter load resistance (100 ohms)	from 10 to 10,000 (ohms)
					signal type: symmetrical	provided/not provided
					Receiver input sensitivity (±200 mV)	from 0.1 to 100.0 (V)
1.587.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computing	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment;	26.30;26.30.2;26.30;26.30.11.110	8517	Front duration pulse: no more than 14% of the interval	secured/unsecured output

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.587.	of networks (orders of the Ministry of Communications and Mass Media of Russia dated 22.03.2007 No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. **11**, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Synchronous parallel interface; Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of switching systems;			constant component at the input (1.250±0.5 V)	from 0.1 to 100.0 (V)
					constant component at the output (1.250±0.125 V)	from 0.1 to 100.0 (V)
					output signal amplitude: from 454 to 908 mV	provided/not provided
					data bit width: 8 bits	provided/not provided
					Data transfer rate: up to 108 Mbit/s	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.587					Load resistance (100±21 Ohm)	from 10 to 10,000 (ohms)
1.588.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Asynchronous serial interface; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	acceptable value of temporary jitter as a percentage of the clock interval duration: 1O	provided/not provided
					Permissible value of aligned jitter as a percentage of the clock interval duration: 8	provided/not provided
					Attenuation of mismatch in the frequency band from 5 MHz to 270 MHz for R = 75 ohms: not less than 15 dB	provided/not provided
					maximum rise or fall time measured at levels 0.2 and 0.8: 1.2 ns	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.588					Signal amplitude: 800±80 mV	Provided/Not provided
					digital stream speed: 270±27 kbit/s	provided/not provided
1.589.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Serial interface	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	voltage range transmitter: from ±247 mV to ±454 mV	provided/not provided
					signal: balanced	provided/not provided
					transmission speed: no more than 655 Mbit/s	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.589	with transmission of information by low-voltage differential signals; Other research (testing); methods of other research (testing) without specification				Input sensitivity receiver: ±100 mV	provided/not provided
1.590.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. 11, dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Modem interface with physical lines for low-level signal transmission (direct current in	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	amplitude value of the transmission signal at the connection points to the line at a load resistance of 150 Ω± **1** % (for a low-level signal: no more than 990 mV; for a bi-level signal and a Miller code signal: no more than 1100 mV; for a quasi-triple signal: no more than 3300 mV)	from 0.**1** to 100.0 (V)
					input resistance at line connection points in the frequency range from 0 to fHz (for low-level signal (from 50 to 300 Ohm); for bi-level signal (150 Ohm± 20 %); for signal in Miller code (150 Ω± 20 %); for quasi-triangular signal	from 10 to 10,000 (ohms)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.590.	primary code), bi-pulse signal, quasi-triple signal, or Miller code signal (method of encoding data transmission with direct current signals); Other research (testing); methods of other research (testing) without specification				(150 Ohm± 20 %))	
					Output resistance (on a linear interface) in the frequency range from O to f Hz (for a low-level signal (from 20 to 150 Ohm); for a bi-pulse signal (150 Ohm± 20 %); for signal in Miller code (150 Ω± 20 %); for quasi-triangular signal (150 Ω± 20 % or 120 Ω ± 20 %))	from 10 to 10,000 (ohms)
					range of signal amplitude values at reception at connection points to the line (for low-level signal: from 20 to 990 mV; for bi-level signal, Miller code signal and quasi-triple signal, the range of signal amplitude values: from 20 to 1000 mV)	from 0.1 to 100.0 (V)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.590					Asymmetry attenuation input and output circuits at connection points to the line at a frequency numerically equal to the maximum operating speed: not less than 43 dB	provided/not provided for
1.591.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 43. Methodology for verifying compliance with requirements for protocols and interfaces of local computer networks (orders of the Ministry of Communications and Mass Media of Russia dated March 22, 2007, No. 39, dated 06.06.2007 No. 60, dated 24.08.2006 No. 112, dated December 6, 2007, No. 144, December 7, 2006, No. 158, orders of the Ministry of Communications of Russia dated January 27, 2009, No. **11,** dated 14.09.2010 No. 124, dated 28.10.2008 No. 85), Data transmission in the super-audio frequency range; Other research (testing); Methods of other research (testing)	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	lower limit of the spectrum of the transmitted (converted) signal: not less than 30 kHz	provided/not provided
					frequency band provided for voice signal transmission: from 0.3 to 4.0 kHz	provided/not provided
					signal used as the source (converted) signal in modems that are part of data transmission equipment operating in the super-audio frequency range (low-level signal (direct current in the primary code); bi-pulse signal; quasi-triple signal; signal in Miller code)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.591					Equipment composition (modem for data transmission data, data and voice transmission circuit separation filter)	Provided/Not provided
1.592.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 44. Methodology for verifying compliance with the requirements for the parameters of technical and software means used for routing and servicing calls (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 21.04.2008 No. 45, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 21.03.2017 No. 129), Call routing; Other research (testing); Methods of other research (testing)	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	analysis of at least 7 digits numbers of the called party by the long-distance and international telephone network switching center	provided/not provided
					the ability to route calls via primary and alternate routes	provided/not provided
					route selection for traffic passing through the MTR subsystem based on destination code analysis, through the ISUP, ISUP-R, and INAP-R subsystems based on analysis of the called subscriber number or service access number, and through the SCCP subsystem based on global header analysis	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.592.					route selection for Traffic pass-through based on analysis of the called subscriber's number; communication network terminal element category; ISUP-R category received from local telephone network communication nodes during interaction between 2VSK and OKS signaling systems No. 7; code for selecting a telecommunications operator providing long-distance and international telephone services	provided/not provided
					processing or coding in the case of interaction between the "called subscriber number" fields of the ISUP-R subsystem IAM message when establishing long-distance telephone connections (address type indicator: "national (significant) number" "0000011"; address signals: national (significant) number)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.592.					Processing or encoding in the case of interaction between the fields of the "called subscriber number" parameter of the IAM message of the ISUP-R subsystem when establishing international connections (address type indicator: "international number" "0000100"; address signals: international number)	provided/not provided
					processing of number information by equipment for access to operators of directory assistance, directory assistance services, and information and reference systems; processing or encoding in the case of interaction of the fields of the "called subscriber number" parameter of the IAM message of the ISUP-R subsystem when establishing a connection to operators of on-demand and on-demand reference services and equipment information	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.592.					reference systems (address type indicator: "number defined by the network" "0000101 "; numbers of long-distance services (18 x(x)); numbers of international services (19 x(x)); numbers of information and reference systems (14 x(x)))	
					~~"calling number" field~~ field for transmission to transit nodes for long-distance and international telephone communications, if received from the previous communications node;	~~provided/not provided"~~
1.593.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 44. Methodology for verifying compliance with the requirements for the parameters of technical and software means used for routing and servicing calls (orders of the Ministry of Communications	Communication equipment; Communication means performing the function of switching systems;	26.30;26.30.11.11O	8517	call handling with service categories **11,** 244, 245 (ISUP-R) with priority over other calls	provided/not provided
					service for outgoing long-distance calls in two priority categories: calls priority and	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Range of determination
1.593.	of Russia dated May 16, 2006 No. 59, dated 06.02.2008 No. 15, dated 21.04.2008 No. 45, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 21.03.2017 No. 129), Call handling; Other research (testing); Methods of other research (testing) without specification				non-priority; handling priority calls using a limited waiting system for communication channel availability; handling non-priority calls using a loss system when communication channels in the required direction are busy	
					handling non-priority calls using a loss system, with a free communication channel being provided to a newly received non-priority call if there are no calls waiting in the queue	provided/not provided
					waiting in a common queue; rejection of priority calls only if all communication channels and all waiting places are busy after the waiting time has expired; provision of a freed communication channel to waiting priority calls; service for waiting calls	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Priority determination range
1.593.					priority calls in Order of arrival	
					Determination of priority in call handling based on the category of the calling subscriber when using Oke alarm system No. 7	provided/not provided
					putting a priority call on hold when all channels in the required direction are busy	provided/not provided
1.594.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 45. Methodology for verifying compliance with the requirements for the implementation of optimal call routing functions (orders of the Ministry of Communications and Mass Media of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, orders	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	telephone connection with based on the actual location of the subscriber, by generating a routing information request to the MAR subsystem with additional information elements	is provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.594	Ministry of Communications of Russia dated 21.03.2017 No. 129), Optimal routing; Other research (testing); Methods of other research (testing) without specification					
1.595.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 45. Methodology for verifying compliance with the requirements for the implementation of optimal call routing functions (Orders of the Ministry of Communications of Russia No. 59 dated May 16, 2006, No. 06.02.2008 No. 15, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129), Request message elements for optimal routing; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	communication node address, request sender (GMSC address): 9 octets	provided/not provided
					OR capability: variable format, determined by an integer from 1 to 127	provided/not provided
					call reference number: 8 octets	provided/not provided
					OR interrogation indicator: 1 octet	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.595.					indicator of necessity redirection request (Forwarding interrogation required): 1 octet	provided/not provided
					interrogation type: defined by an integer taking the values: "0" at the end of the call; "1" when forwarding the call	provided/not provided
					forwarding reason: defined by an integer taking the following values: subscriber is out of service area ("0"); subscriber is busy ("1"); subscriber not answering ("2")	provided/not provided
1.596.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 45. Methodology for verifying compliance with the requirements for the implementation of optimal call routing functions (orders	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	address of the communication node, in the zone provided whose actions the subscriber is located (VMSC address): 9 octets	provided/not

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.596	Ministry of Communications and Mass Media of Russia dated 16.05.2006 No. 59, dated 06.02.2008 No. 15, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129), Response message elements for optimal call routing; Other research (testing); methods of other research (testing) without specifying				roaming number (Roaming number): 9 octets	provided/not provided
1,597.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 46. Methodology for verifying compliance with the requirements for electrical and optical parameters of cross-connects (Order of the Ministry of Communications of Russia No. 52 dated April 24, 2006, No. 19.04.2006 No. 46), Design; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication equipment; Fiber optic cables; Other electronic and electrical wires and cables;	26.30; 26.30; 27.31; 27.32	8517;8544	Possibility of input, placement, fastening, and storage of cable stocks, possibility of end termination, connection and switching of electrical or optical circuits of line and station cables, possibility of connecting control and measuring equipment to electrical or optical circuits, possibility of marking line and station circuits	provided/not provided for

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic to be determined (Indicator)	Detection range
1.597					Possibility of fastening of the power elements of the optical cable core, the possibility of laying optical fiber reserves with a bending radius of at least 30 mm, the possibility of installing optical connectors (for optical cables)	provided/not provided
					Possibility of connecting cable cores with metal cores or crossover wires with a diameter of 0.32 to 0.8 mm (for symmetrical communication cables)	provided/not provided
					Possibility of installing coaxial sockets with indication of connector types and crossover wires (for coaxial cables)	provided/not provided
					Enclosed, block, cabinet, or rack design	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.597						
1.598	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 46. Testing methodology compliance with requirements for for electrical and optical cross parameters (ARS polishing order Ministry of Communications and Mass Media of Russia dated 24.04.2006 No. 52, from 19.04.2006 No. 46), Electrical parameters ;Other studies (tests); methods of other research (testing) without clarification	Equipment communication; Fiber optic cables optical; Wires and cables electronic and electrical other;	26.30;27.31;27.32	8544	value of optical losses for single-mode for reverse reflection in optical connectors (minus 45 dB for SPC type polishing; minus 50 dB for polishing UPC type; minus 60 dB for polishing of ARS)	from minus 70 to O (dBm)
					reflection attenuation for coaxial pairs at the upper operating frequency: S:: 20 dB	provided/not provided
					reflection attenuation symmetrical circuits at half-cycle frequency: C:: 20 dB	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.598.					Attenuation introduced by coaxial connectors:::, 0.1 dB	provided/not provided
					optical loss value introduced by an optical connector "plug socket" at operating wavelengths (no more than 0.5 dB);	from minus 50 to 8 (dBm)
					number (solderless connections of crossover wires or copper cores of symmetrical cables to the plinth: 2: 200; coaxial connector connections: 2: 500; optical connector connections 2: 1000)	provided/not provided
					insulation resistance	from 0.1 to 10,000.0 (MΩ)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.598					Contact resistance	from 10 to 20,000,000 (μΩ)
1.599.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 46. Methodology for verifying compliance with requirements for electrical and optical parameters of cross-connects (Order of the Ministry of Information and Communications of Russia dated 24.04.2006 No. 52, dated 19.04.2006 No. 46), Optical parameters; Other research (testing); methods of other research (testing) without specification	Communication equipment; Fiber optic cables; Other electronic and electrical wires and cables;	26.30; 27.31; 27.32	8544	optical loss value for single-mode fibers for back reflection in optical connectors	provided/not provided loss
					Optical loss value introduced by the optical connector at operating wavelengths:::, 0.5 dB	provided/not provided
					number of optical connector connections:::, 1000	provided/not provided
1,600	The program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 46. Methodology for verifying compliance with requirements for electrical and optical	Communication equipment; Fiber optic cables; Other electronic and electrical wires and cables;	26.30;27.31;27.32	8544	amplitude of the pulse current diverted to the protective grounding circuit	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	KODKOPD 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.600	cross parameters (Order of the Ministry of Information and Communications of Russia No. 52 dated 24.04.2006, No. 19 April 2006 No. 46), Modules and elements of electrical protection; Other research (testing); methods of other research (testing) without specification				Introductory attenuation in the operating frequency range at the agreed load: ::::dB	provided/not provided
					switching time of the overcurrent protection element at a current exceeding the operating current by 2 or 3 times:::::10 s	provided/not provided
					response time of the thermal disconnector of the primary overvoltage protection element at normal temperature: :::: 10 s	provided/not provided
					dynamic limiting voltage at an input voltage rise rate of I kV/μs: :::: 1300 V	provided/not provided
					protection of telecommunications equipment: against dangerous overvoltages, against excessive currents, comprehensive protection	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.600.					Nominal value Capacitance between the protected circuit and protective grounding at a frequency of 1 MHz with a root mean square voltage value of I V: 125 pF	provided/not provided
					Nominal value of the inductance of the overcurrent protection element: :c; 47 μH	provided/not provided
					Nominal value of the resistance of the overcurrent protection element at normal temperature: :c; 35 Ω	provided/not provided
					operating DC voltage	from 0.1 to 10000.0 (V)
					operating current at normal temperature	from 0.1 to 10000.0 (mA)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.600.					root mean square AC working voltage value	from 0.1 to 750.0 (V)
					root mean square value of alternating current with a frequency of 50 Hz, discharged into the protective grounding circuit: ::; 20 A	from 0.1 to 10000.0 (mA)
					static voltage limit at an input voltage rise rate of 100 V/s:::; 540 in	provided/not provided
					leakage current between the protected circuit and protective grounding:::; 95 μA	provided/not provided
1.601	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 46. Methodology for verifying compliance with electrical and optical parameters of cross-connects (order	Communication equipment; Fiber optic cables; Other electronic and electrical wires and cables;	26.30;27.31;27.32	8544	reinforcement of ends construction cable lengths with connecting half-couplings	provided/not provided for

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.601	Ministry of Communications and Mass Media of Russia dated 24.04.2006 No. 52, dated 19.04.2006 No. 46), Cables with metal cores; Other research (testing); methods of other research (testing) without specification				Armor covers (in the form of steel strips, steel round wires, or composite material rods) for protection against mechanical impact, depending on the laying and operating conditions	provided/not provided
					possibility of use for power supply to communication equipment simultaneously with the transmission of information signals	provided/not provided
					Built-in power elements or peripheral support cable for self-supporting cables designed to be suspended on overhead communication line supports	provided/not provided
					Sealed cable sheaths providing mechanical protection for the core	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.601						provided/not provided
					Hydrophobic filler (moisture resistant, compatible with other cable materials, easily removable during installation) to prevent moisture penetration and spread in the free space of the cable core	
					Diameter of the conductive core of symmetrical cables	provided/not provided
					Corrosion protection of cable outer sheaths	provided/not provided
					nominal wave resistance of coaxial cables must be, depending on the purpose of the cables (50 or 75 Ohm)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.601					Transmission characteristics of cables (self-attenuation, transient attenuation between circuits at the near end, circuit protection at the far end of the cable, reverse losses)	provided/not provided
					transmission of analog (within the specified frequency range) and/or digital (at specified speeds) signals	provided/not provided
					signal transmission in frequency ranges (up to 100 MHz for category 5; up to 250 MHz for category 6; up to 600 MHz for category 7) depending on the cable category	provided/not provided
					signal cores in cables	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.601					Twisting of conductor groups of symmetrical cables in the core according to a specific system (twisted or bundled) with color identification	provided/not provided
					construction and installation reserve of pairs in cables with more than 50 pairs	provided/not provided
					mutual influence characteristics: capacitive asymmetry coefficients, transient influence between ends at the near end and target protection at the far end in a given frequency range	provided/not provided
					color identification and types of twists: pair (two wires); star quad (four wires); double pair (four wires); double star (eight wires)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.601.					frequency response cable self-attenuation, frequency response variations of cable self-attenuation	provided/not provided
					Cable shield superimposed on the core	provided/not provided
					electrical capacitance of symmetrical cable pairs (no more than 56 nF/km)	provided/not provided
					electrical resistance of the insulation of the conductive core (10,000 MΩ for cord polystyrene insulation; 5000 MΩ for polyethylene insulation; 5000 MΩ for tubular paper insulation; 4000 MΩ for paper-mass insulation; 200 MΩ for polyvinyl chloride insulation; 2000 MΩ for cables reinforced with	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.601.					connecting half-couplings)	
					Electrical copper resistance single-wire conductive core for symmetrical cables (148.0 ohms for 0.4 mm; 96.0 ohms for 0.5 mm; 63.0 ohms for 0.64 mm; 48.0 ohms for 0.7 mm; 28.0 ohms for 0.9 mm; 16.0 ohms for 1.2 mm; no more than 96.0 ohms for SCS cables)	provided/not provided
1.602.	The program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 47. Methodology for verifying compliance with requirements for optical communication cables, passive optical devices, and optical fiber splicing devices (Order of the Ministry of Communications and Mass Media of Russia No. 47 dated 19.04.2006), Passive optical devices for	Communication equipment; Fiber optic cables;	26.30;27.31	8544	interchangeability plug and socket parts of optical connectors of the same size	provided/not provided
					insertion loss of optical multiplexers (demultiplexers), optical switches, optical isolators, and circulators, optical	from O to 50 (dB)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.602.	Use with multimode optical fibers (wavelengths: 850 nm, 1300 nm) or single-mode optical fibers (wavelengths : 1310 nm, 1550 nm); Other research (testing); methods of other research (testing) without specifying				attenuators and optical of splitters (branchers)	
					Optical switch response time	provided/not provided
					Reflection attenuation of optical multiplexers (demultiplexers), optical switches, optical isolators and circulators, optical connectors and optical splitters (branchers)	from O to 50 (dB)
					materials of plastic parts of passive optical devices that do not propagate combustion	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.602					General appearance, design, Overall dimensions and weight	provided/not provided
					Transient attenuation between transmission poles of optical multiplexers (demultiplexers)	from 0 to 50 (dB)
					transient interference of optical switches	provided/not provided
					polarization sensitivity of optical isolators and circulators	provided/not provided
					strength of OC fastening in the optical connector fork: 2': 20N	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.602.					Strength of OK fastening in Optical Mechanical connector: 2: 4 N	Secured/Not secured
					Physical contact of ends ends of optical poles of passive optical devices when reinforced with optical plug connectors	ensured/not ensured of the
1.603.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 47. Methodology for verifying compliance with requirements for optical communication cables, passive optical devices, and optical fiber splicing devices (Order of the Ministry of Communications and Mass Media of Russia No. 47 dated 19.04.2006), OK; Other research (testing); methods of other research (testing) without specification	Communication equipment; Fiber optic cables;	26.30; 27.31	8544	OV in cores OK: multimode optical fibers (850 nm and 1300 nm), single-mode zero dispersion WAVs (1310 nm type E2), single-mode WAVs (1550 nm type E3), single-mode zero dispersion WAVs (1310 nm type E4), single-mode fibers with non-zero dispersion (1550 nm type E5), single-mode fibers with non-zero dispersion (1550 nm type Eb)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.603.					Geometric and transmission characteristics of OW	provided/not provided
					types, design, dimensions and weight OK, color scheme of OW and elements of their grouping in OK	provided/not provided
1.604.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 47. Methodology for verifying compliance with requirements for optical communication cables, passive optical devices, and optical fiber splicing devices (Order of the Ministry of Communications and Mass Media of Russia No. 47 dated April 19, 2006), Optical fiber splicing devices (automatic or manual);Other research (testing); methods of other research (testing)	Communication equipment; Fiber optic cables;	26.30; 27.31	8544	OV diameter according to protective coating: from 250 to 900 μm	provided/not provided
					attenuation in multimode fiber splices: :c; 0.05 dB for automatic device, :c; 0.1 dB for manually operated device	provided/not provided
					Attenuation in splices SINGLE-MODE FIBERS: :c; 0.1 dB	provided/not provided

N P/P	Documents establishing rules and methods for research **(testing) and measurements**	**Name of object**	**code**	**EAEU HS code**	**Defined characteristic (indicator)**	**Determination range**
1.604.					design of devices for optical fiber welding	provided/not provided
					presence of a mechanism for moving optical fibers for alignment, ensuring the fixation of optical fibers with a video control device or microscope	Provided/Not provided
					Presence of heaters for heat shrinking of fiber splice protection elements	provided/not provided
					error in assessing attenuation in single-mode fiber splices: ::; 0.05 dB	provided/not provided
					tensile force applied to the fiber splice: from 2 to 2.5 N	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.604					Image magnification weldable materials: s': 50 multiple for automatic device, s': 15 multiple for manually operated device	provided/not provided
1.605.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Data in MME; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	MME IP address for S11 interface with S-GW (MME IP address for S11)	provided/not provided
					S-GW IP address for S11/S4 interfaces	provided/not provided
					SGSN IP address for S3 interface (SGSN IP address for S3)	provided/not provided
					IP address of the eNodeB radio access node used for the SI-MME interface (eNodeB Address in Use for SI-MME)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.605					Radio access capabilities AS (UE Radio Access Capability)	Provided/Not provided
					HSS data recovery (Recovery)	provided/not provided
					Time elapsed since the last determination of the Global Cell Identity of the LTE and/or LTE-Advanced standard (E-UTRAN Cell Identity Age)	provided/not provided
					Selected NAS Algorithm	provided/not provided
					Global cell identifier in the LTE radio access network (E-UTRAN Cell\1 Global Identity)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.605.					Global unique temporary identifier (GUTI)	provided/not provided
					Closed User Group Subscription Data (CSG Subscription Data)	Provided/Not provided
					APN-O1 replacement (APN-O1 Replacement)	provided/not provided
					Selected CN operator ID	provided/not provided
					Closed User Group ID (CSG ID)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.605					Zone identifier tracking, in which the last update of the tracking area occurred (TAI of last TAU)	provided/not provided
					MME tunnel endpoint identifier for SI 1 interface (MME TESS for Sl \)	provided/not provided
					S-GW tunnel endpoint identifier for SI l/S4 interfaces (S-GW TESS for Sl l/S4)	provided/not provided
					SGSN tunnel endpoint identifier for interface S3 (SGSN TESS for S3)	provided/not provided
					Trigger ID	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.605					Installation identifier Key (eKSI)	provided/not provided
					Identifier of the control and service center to which trace reports will be sent (OMS Identity)	Provided/Not provided
					Radio Access Technology/Frequency Selection Priority Index (Subscribed RFSP Index)	provided/not provided
					IMSI unauthenticated indicator (IMSI unauthenticated-indicator)	provided/not provided
					Radio Access Technology/Frequency Selection Priority Index in Use (RFSP Index in Use)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.605					CASME key (CASME)	provided/not provided
					NAS Keys and COUNT	Provided/Not provided
					Class 2 mark for AC equipment (supports service transfer to GSM 900/1800 or UMTS radio access networks) (MS Class Mark 2)	provided/not provided
					Class 3 mark for AC equipment (support for service transfer to GSM 900/1800 standard radio access network) (MS Classmark 3)	provided/not provided
					International mobile equipment identifier and software version (IMEI/IMEISV) (ME Identity)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.605					International AS number (IMSI)	Provided/Not provided
					International AS number in ISDN network (MSISDN)	provided/not provided
					Total maximum transmission rate (UE-AMBR)	provided/not provided
					Total maximum transmission rate for AS (AS subscription) (Subscribed- UE-AMBR)	provided/not provided
					Access Restriction	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.605					Operator restrictions for data transmission services (ODB for PS parameters)	provided/not provided
					AS Availability Request Parameter for MME (URRP-MME)	provided/not provided
					DRX parameters (UE Specific DRX Parameters)	provided/not provided
					Authentication parameters: random number (RAND), expected response (XRES), key (KASME), authentication symbol (AUTN) (Authentication Vector)	provided/not provided
					Supported Codecs	provided/not provided

N No.	Documents establishing rules and methods for research **(testing) and measurements**	**Name of object**	**codecp 2**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Determination range**
1.605					Subscription to periodicals Routing/tracking zone update by timer (Subscribed Periodic RAU/TAU Timer)	provided/not provided
					Subscription to priority service in EPS (MPS EPS priority)	provided/not provided
					Subscription to priority service in the CS domain (MPS CS priority)	provided/not provided
					Detailed trace description (Trace reference)	provided/not provided
					Local IP access allowed (LIPA Allowed)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	**Name of object**	**Code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Detection range**
1.605					Access mode (Access mode)	provided/not provided
					AS network capabilities (UE Network Capability)	Provided/Not provided
					GSM 900/1800 or UMTS network capability (MS Network Capability)	provided/not provided
					Mobility management status (ECM-CONNECTED, ECM-CONNECTED, EMM-DEREGISTERED) (MM State)	provided/not provided
					Tracking Area List	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.605					Trace type (Trace Tour)	Provided/Not provided
					Unique AC identifier for MME (MME UE SIAP ID)	provided/not provided
					Unique AS identifier for eNodeB (eNB UE SIAP ID)	provided/not provided
					Characteristics for accounting for AC costs in accordance with network subscription (EPS Subscribed Charging Characteristics)	Provided/Not provided
					Closed user group membership (CSG membership)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.606	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Data MME for each active data network connection; Other research (testing); Methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.**1** 1O	8517	Network IP address(es) data transmission (IP Address(es))	provided/not provided
					IP address of the P-GW in use (for the control plane) (P-GW Address in Use (control plane))	provided/not provided
					Ability to use for APN AC P-GW home or visited network (VPLMN Address Allowed)	provided/not provided
					Access point replacement (APN-OI Replacement)	provided/not provided
					Default EPS identifier (Default bearer)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.606					End identifier P-GW tunnel points for the S5/S8 interface (for the control plane) (P-GW TESS for S5/S8 (control plane))	provided/not provided
					Access point in use (APN in Use)	provided/not provided
					GRE key allocated by P-GW for uplink user data transmission (only for PMIPv6 on S5/S8) (P-GW GRE Key for uplink traffic (user plane))	provided/not provided
					Low access priority	provided/not provided
					Access point restriction (APN Restriction)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Scope definition
1.606					Subscription Access point - Total maximum transmission speed (Subscribed-APN-AMBR)	provided/not provided
					APN subscription (APN Subscribed)	Provided/Not provided
					Quality of service profile in accordance with EPS subscription (QCI and ARP) (EPS subscribed QoS profile)	provided/not provided
					LIPA permissions	provided/not provided
					IP traffic distribution permissions (SIPTO permissions)	Provided/Not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.606					Notification of change AS information (MS Info Change Reporting Action)	provided/not provided
					Closed user group information change reporting action (CSG Information Reporting Action)	provided/not provided
					Data transmission network type (1Pv4, 1Pv6, 1Pv4v6) (PDN Ture)	provided/not provided
					Access point - Total maximum transmission speed (APN-AMBR)	Provided/Not provided
					Subscriber station cost accounting characteristics in accordance with the EPS data transmission network subscription (EPS PDN Subscribed Charging Characteristics)	Provided/Not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.607.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), MME data MME for each data network connection channel; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.**1** 1O	8517	P-GW IP address for S5/S8 interface (for user plane) (P-GW 1P address for S5/S8 (user plane))	provided/not provided
					S-G WIP address for S1-u interface	provided/not provided
					EPS bearer ID	provided/not provided
					P-GW tunnel endpoint identifier for S5/S8 interface (for user plane) (P-GW TE for S5/S8 (user plane))	provided/not provided
					S-GW tunnel endpoint identifier for S1-u interfaces (S-GW TESS for S1-u)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.607					Transaction identifier (TI)	provided/not provided
					Quality of service in the EPS data transmission channel (QCI and ARP) (EPS bearer QoS)	provided/not provided
					Traffic flow pattern (only for PMIPv6 on S5/S8) (TFT)	provided/not provided
1.608	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Data	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	P-GW identifier emergency service (Emergency P-GW identity)	provided/not provided
					Emergency Access Point Name (em APN)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.608	MME for emergency servicing of AS; Other research (testing); Methods of other research (testing) without specification				QoS profile for provided/not provided EPS (QCI and ARP) (Emergency QoS profile)	emergency service
					Access point at emergency service - Total maximum transmission speed (Emergency APN-AMBR)	provided/not provided
1.609.	Type conformity testing program and methodology, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for LTE standard interfaces and switching protocols (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, No. 14.09.2010 No. 124), Protocol S \-AP, list of messages, field format, interaction algorithms; Other research (testing); methods of other research (testing)	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Trace completion (DEACTIVATE TRACE)	ensured/not ensured
					E-RAB modification request (E-RAB MODIFY REQUEST)	provided/not provided
					AS context modification request (UE COHTEXT MODIFICATION REQUEST)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.609					Request for information location (LOCATION REPORTING CONTROL)	provided/not provided
					Tunnel endpoint switching request (PATN SWITCH REQUEST)	provided/not provided
					Request to start or resume warning messages (WRITE REPLACE WARNING REQUEST)	provided/not provided
					Request for release of AC context (UE CONTEXT RELEASE REQUEST)	provided/not provided
					Request to delete warning messages (KILL REQUEST)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.609.					E-RAB setup request (E-RAB SETUP REQUEST)	provided/not provided
					S\ setup request (Sl SETUP REQUEST)	Provided/Not provided
					Context initialization setup request (INITIAL CONTEXT SETUP REQUEST)	provided/not provided
					Handover request (HANDOVER REQUEST)	provided/not provided
					AS capability indication (UE CAPABILITY INFO INDICATION)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.609					Error indication (ERRORINDICATION)	provided/not provided
					Trace failure indication (TRACE FAILURE INDICATION)	provided/not provided
					Initialization of AC messages INITIAL UE MESSAGE	provided/not provided
					Handover command (HANDOVER COMMAND)	provided/not provided
					E-RAB release command (E-RAB RELEASE COMMAND)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.609					Release command AS context (UE CONTEXT RELEASE COMMAND)	provided/not provided
					Trace start (TRACE START)	provided/not provided
					Overload start (OVERLOAD START)	provided/not provided
					NAS non-delivery indication (NAS NON DELIVERY INDICATION)	provided/not provided
					MME configuration update (MME CONFIGURATION UPDATE)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	**Name of object**	**code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Definition range**
1.609.					Configuration update eNodeB (ENB CONFIGURATION UPDATE)	provided/not provided
					Overload stop	Provided/Not provided
					E-RAB release (E-RAB RELEASE INDICATION)	provided/not provided
					UE context release complete (UE CONTEXT RELEASE COMPLETE)	provided/not provided
					Response to E-RAB modification request (E-RAB MODIFY RESPONSE)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.609					Response to a request for modification (UE CONTEXT MODIFICATION RESPONSE)	provided/not provided
					Response to warning message request (WRITE- REPLACE WARNING RESPONSE)	provided/not provided
					Response to a request to delete warning messages (KILL RESPONSE)	provided/not provided
					Response to E-RAB setup request (E-RAB SETUP RESPONSE)	provided/not provided
					Response to **S1** setup request (SI SETUP RESPONSE)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.609					Response to installation context initialization (INITIAL CONTEXT SETUP RESPONSE)	provided/not provided
					Response to E-RAB release command (E-RAB RELEASE RESPONSE)	Provided/Not provided
					Handover cancellation (HANDOVER CANCEL)	provided/not provided
					No resources for handover (HANDOVER FAILURE)	provided/not provided
					Location Report	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.609					Change error context (UE CONTEXT MODIFICATION FAILURE)	Ensured/Not ensured
					Error switching tunnel endpoint (PATN SWITCH REQUEST FAILURE)	provided/not provided
					Error when updating MME configuration (MME CONFIGURATION UPDATE FAILURE)	provided/not provided
					Error when updating eNodeB configuration (ENB CONFIGURATION UPDATE FAILURE)	provided/not provided
					Location report failure indication	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.609.					Setup error S **1** (S1 SETUP FAILURE)	provided/not provided
					Context initialization setup error (INITIAL CONTEXT SETUP FAILURE)	Provided/Not provided
					MME direct information transfer (MME DIRECT INFORMATION TRANSFER)	provided/not provided
					eNodeB direct information transfer	provided/not provided
					Cell traffic trace	provided/not provided

N P/P	Documents establishing rules and methods for research **(testing) and measurements**	**Name of object**	**Code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Detection range**
1.609					Radio access network configuration transfer from the radio access network (MME CONFIGURATION TRANSFER)	provided/not provided
					Radio access network configuration transfer (eNB CONFIGURATION TRANSFER)	Provided/Not provided
					MME status transfer (MME STATUS TRANSFER)	provided/not provided
					eNodeB status transfer (eNB STATUS TRANSFER)	provided/not provided
					Handover request acknowledgment (HANDOVER REQUEST ACKNOWLEDGE)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.609					Confirmation of switching of the tunnel endpoint (PATN SWITCH REQUEST ACKNOWLEDGE)	provided/not provided
					MME configuration update acknowledgment (MME CONFIGURATION UPDATE ACKNOWLEDGE)	provided/not provided
					Confirmation of eNodeB configuration update (ENB CONFIGURATION UPDATE ACKNOWLEDGE)	provided/not provided
					Handover cancellation acknowledgment (HANDOVER CANCEL ACKNOWLEDGE)	provided/not provided
					Reset acknowledgment (RESET ACKNOWLEDGE)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.609					Handover confirmation (HANDOVER NOTIFY)	Provided/Not provided
					Paging	provided/not provided
					Reset (RESET)	provided/not provided
					Transportation of NAS messages "up" (UPLJNKNAS TRANSPORT)	provided/not provided
					NAS message transport "down" (DOWNLINK NAS TRANSPORT)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.609.					Handover required (HANDOVER REQUIRED)	provided/not provided
					Handover not possible (HANDOVER PREPARATION FAILURE)	provided/not provided
1.610.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), SGsAP protocol, message list, field format, interaction algorithms; Other research (testing); methods of other research (testing)	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Establishment of incoming and outgoing communication to the AS, registered in the MME of LTE standard networks and in the VLR of GSM 900/1800 or UMTS standard networks	ensuring/not ensuring

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.610						
1.611	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), SGsAP protocol messages transmitted between the MME and MSC via the SGs interface to establish communication; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	AS not available (MS UNREACHABLE)	provided/not provided
					Upstream data (from AS to VLR) (UPLINK UNIDAT A)	provided/not provided
					Data "down" (from VLR to AC) (DOWNLINK UNIDATA)	provided/not provided
					AC activity request (ALERT-REQUEST)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.611.					Update request location (LOCATION-UPDATE REQUEST)	provided/not provided
					Service request (SERVICE-REQ UEST)	Provided/Not provided
					Release request (RELEASE-REQUEST)	provided/not provided
					Paging request (PAGING-REQUEST)	provided/not provided
					Specific subscriber information request (MM-INFORMATION-REQUEST)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Detection range
1.611						provided/not provided
					Indication of AS activity (MS-ACTIVITY-INDICATION)	
					EPS disconnection indication (EPS-DETACH-INDICATION)	provided/not provided
					IMSI disconnection indication (IMSI-DETACH-INDICATION)	provided/not provided
					RESET INDICATION	provided/not provided
					Status indication (STATUS)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Identification range
1.611.					Update	provided/not provided
					Location completed (LOCATION-UPDA TE-ASSERT)	
					Location update rejected (LOCATION-UPDATE REJECT)	Provided/Not provided
					Search rejected (PAGING-REJECT)	provided/not provided
					AC activity request rejected (ALERT-REJECT)	provided/not provided
					TMSI reassignment completed (TMSI-REALLOCATION-COMPLETE)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.611					Confirmation of execution Reset (RESET-ACK)	provided/not provided
					Confirmation of AS activity request (ALERT-ACK)	provided/not provided
					Confirmation of EPS shutdown indication (EPS-DET ASN-ASK)	provided/not provided -
					Confirmation of IMSI disconnection indication (IMSI-DETACH-ACK)	provided/not provided
1.612	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Information provided. Request (Authentication-Information Request, AIR)	authentication provided/not

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.612	(Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Diameter protocol messages on Sба/Sбd interfaces between MME/SGSN and HSS, identified by an application identifier (Auth- Application-Id) equal to "16777251"; Other research (testing); methods of other research (testing) without specification				Information Authentication. Answer (Authentication-Information Answer, AIA)	provided/not provided
					Update of mobile subscriber location data. Request (Update-Location Request, ULR)	Provided/Not provided
					Update of mobile subscriber location data. Answer (Update-Location Answer, ULA)	provided/not provided
					Cancellation of AS location information. Request (Cancel-Location-Request, CLR)	provided/not provided
					Cancellation of AS location information. Response (Cancel-Location-Answer, CLA)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.612					Subscriber data registration data. Request (Insert Subscriber-Data-Request, IDR)	provided/not provided
					Subscriber data registration. Response (Insert Subscriber-Data-Answer, ISDA)	Provided/Not provided
					Reset Request (RSR)	provided/not provided
					Reset. Answer (Reset-Answer, RSA)	provided/not provided
					Subscriber data purge notification. Request (Purge-UE-Request, PUR)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.612.					Notification of deletion subscriber data. Response (Purge-UE-Answer, PUA)	provided/not provided
					Notification. Request (Notify-Request, NOR)	provided/not provided
					Notification. Response (Notify-Answer, NOA)	provided/not provided
					Delete subscriber data. Request (Delete-Subscriber-Data-Request, DSR)	provided/not provided
					Deletion of subscriber data. Response (Delete-Subscriber-Data-Answer, DSA)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.613.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Diameter protocol messages on S13/S13' interfaces between MME/SGSN and EIR, defined by Auth-Application-Id equal to "16777252"; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Verification of international AS equipment identifier AS equipment. Request (ME-Identity-Check-Request, ECR)	provided/not provided for
					Checking the international identifier of AS equipment. Response (ME-Identity-Check-Answer, ECA)	provided/not provided
1.614.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with requirements for	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Non-requested RSS rules. Request (Re-Auth-Request, RAR)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.614.	LTE standard switching interfaces and protocols (Orders of the Ministry of Communications and Mass Media of Russia No. 101 dated 27.08.2007, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Diameter protocol messages on the Gx interface between PCRF and PDN GW, defined by Auth- Application-Id equal to "16777224", and on the S9 interface between V-PCRF and H-PCRF, defined by Auth-Application-Id equal to "16777267";Other research (testing); other research (testing) methods without specification				Unrequested rules RSC. Response (Re-Auth-Answer, RAA)	provided/not provided
					Management and billing policy rules (RCC). Request (CC-Request, CCR)	Provided/Not provided
					Management and billing policy rules. Response (CC-Answer, CCA)	Provided/Not provided
1.615.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Emergency termination session. Request (Abort-Session-Request, ASR)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.615.	of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Diameter protocol messages on the Rx interface between PCRF and application functions (AF) defined by Auth- Application-Id equal to "16777236";Other research (testing); methods of other research (testing) without specification				Emergency termination of session. Response (Abort Session Answer, ASA)	provided/not provided
					Session information. Request (AA-Request, AAR)	Provided/Not provided
					Session information. Response (AA-Answer, AAA)	provided/not provided
					Non-requested RSS rules. Request (Re-Auth Request, RAR)	provided/not provided
					Non-requested RSS rules. Response (Re-Auth- Aɹswer, RAA)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.615					End of session. Request Termination Request, STR)	secured/unsecured (Session-
					Session termination. Request (Session-Termination-Answer, STA)	provided/not provided
1.616.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Diameter protocol messages on the Gxc interface between H-PCRF (V-PCRF) and S-GW, defined by Auth-Application-Id equal to "16777266";Other	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Non-requested rules RAR. Request. (Re-Auth-Request, RAR)	Provided/not provided
					Non-requested rules RCC. Response. (Re-Auth-Answer, RAA)	provided/not provided
					Control and Charging Policy (CCP) Rules. Request. (CC-Request, CCR)	Provided/Not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.616.	Research (testing); other research (testing) methods without specification				Policy rules Management and pricing. Answer. (CC-Answer, CCA)	Ensured/not ensured
1.617.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), NAS protocol messages of the mobility management subsystem (EMM) transmitted between the AS and MME via the S1-MME interface; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	Update completed Tracking area update complete	successful/unsuccessful
					Security mode complete	provided/not provided
					Authentication request	provided/not provided
					Identity request	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.617					Tracking area update (Tracking area update request)	provided/not provided
					Service request	provided/not provided
					Detach request (AS detachment initiator)	provided/not provided
					Detach request (network detach initiator)	provided/not provided
					Attach request	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.617					Extended service request service request (Extended service request)	provided/not provided
					Network information on mobility management (EMM information)	Provided/Not provided
					Globally Unique Temporary Identifier (GUTI) real\ocation command	provided/not provided
					Security mode command	Secured/Not secured
					Authentication failure	Secured/Not secured

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.617					Main transport of NAS messages "up" (Uplink generic NAS transport)	provided/not provided
					Main transport of NAS messages "down" (Downlink generic NAS transport)	Provided/Not provided
					Authentication response	provided/not provided
					Identity response	provided/not provided
					Tracking area update reject	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.617					Deviation Authentication reject	provided/not provided
					Service request rejection (Service reject)	Secured/Unsecured
					Security mode rejection	Provided/Not provided
					Detach complete (detach initiator AC) (Detach accept)	provided/not provided
					Detach completed (network detach initiator) (Detach accept)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Range of determination
1.617					Connection completed (Attach complete)	provided/not provided
					Connection rejected (Attach reject)	Provided/Not provided
					Connection accepted (Attach accept)	Secured/Not secured
					Confirmation of global unique temporary identifier (GUTI) reallocation complete	provided/not provided
					Acceptance of tracking area update request (Tracking area update accept)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.617.					Process status Mobility management (EMM status)	ensured/not ensured
					NAS uplink transport (short message delivery) (Uplink NAS Transport)	Provided/Not provided
					Downlink NAS Transport (short message delivery)	Provided/Not provided
					CS service notification	provided/not provided
1.618.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Context activation request Default EPS (Activate default EPS bearer context request)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.618.	(Orders of the Ministry of Communications of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), NAS protocol messages of the session management subsystem (ESM) transmitted between the AS and the MME on the S1-MME interface; Other studies (tests); methods of other studies (tests) without specification				Context activation request Activate default EPS bearer context reject	provided/not provided
					Request to activate default EPS bearer context accepted (Activate default EPS bearer context accept)	Provided/Not provided
					Request to activate the selected EPS context (Activate dedicated EPS bearer context request)	provided/not provided
					Request to activate the context of the selected EPS rejected (Activate dedicated EPS bearer context reject)	provided/not provided
					Request to activate the context of the selected EPS accepted (Activate dedicated EPS bearer context accept)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.618.					Resource allocation request (Bearer resource allocation request)	provided/not provided
					Session management information request (ESM information request)	Provided/Not provided
					Modify EPS bearer context request	provided/not provided
					Modify EPS bearer context reject	provided/not provided
					Modify EPS bearer context request accepted	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.618					Bearer resource modification request (Bearer resource modification request)	provided/not provided
					PDN connectivity request	Provided/Not provided
					Deactivate EPS bearer context request	provided/not provided
					Deactivate EPS bearer context accept request	provided/not provided
					Session management information (ESM information response)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.618					Deviation of possibility connection to the data transmission network (PDN connectivity reject)	provided/not provided
					Bearer resource allocation reject	provided/not provided
					PDN disconnect reject	provided/not provided
					Bearer resource modification rejection	provided/not provided
					Session management process status (ESM status)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.619	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 49. Verification methodology for compliance with interfaces and protocols of LTE standard switching (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia dated 21 March 2017 No. 129, dated 14.09.2010 No. 124), Protocol for packet data transmission GTP level (GTP-C) and data transmission GTP-U) on Gn or Gp interfaces; data transmission with using the service packet data transmission via radio interface GPRS; Other research (tests); methods of other research (testing) without specification	Equipment communication; Communication facilities, performing the function switching systems;	26.30;26.30.11.1 1O	8517	current support node batch data transfer SGSN (UTPD)	provided/not provided
					Packet data transfer support gateway node GGSN (УllШД)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.620	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Format GTP protocol packet header on Gn or Gp interfaces; Other studies (tests); Methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.**1** 1O	8517	Additional heading (8 x n bits)	provided/not provided
					Tunnel identifier (32 bits)	provided/not provided
					Protocol data block number (8 bits)	provided/not provided
					Version number (3 bits)	provided/not provided
					Sequence number (16 bits)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Definition range
1.620					Reserve bit (bit)	provided/not provided
					Protocol type **(1** bit)	Provided/Not provided
					Message type (8 bits)	Provided/Not provided
					Length indicator (16 bits)	provided/not provided
					Flag indicating presence of "Protocol data block number" field (1 bit)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.620					Field presence flag "Sequence number" (1 bit)	Provided/Not provided
					Field presence flag "Extended header" (1 bit)	provided/not provided
1.621.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Channel control messages between GPRS support nodes (GSN) of the GTP protocol on Gn or Gp interfaces; Other research	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Echo Request	provided/not provided
					Echo Response	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.621.	(tests); other research (testing) methods without specification					
1.622	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, No. 14.09.2010 No. 124), GTP tunnel control messages on Gn or Gp interfaces; Other research (testing); Other research (testing) methods without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	update request PDP Update PDP Context Request	provided/not provided
					PDU Notification Reject Request	provided/not provided
					PDP context creation request for anonymous access	provided/not provided
					Create PDP Context Request	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.622					PDU notification request Notification Request	provided/not provided
					Delete PDP Context Request	provided/not provided
					PDP Context Delete Request for Anonymous Access	provided/not provided
					PDP context update response Update PDP Context Response	provided/not provided
					PDU Notification Reject Response	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.622.					Context creation response PDP Create PDP Context Response	provided/not provided
					PDP context creation response for anonymous access	Provided/Not provided
					PDU notification response PDU Notification Response	provided/not provided
					PDP context deletion response Delete PDP Context Response	provided/not provided
					PDP context deletion response for anonymous access	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.622					Erroneous indication Indication	provided/not provided Error
1.623.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Messages used to determine the location of the AS when requesting activation of the packet data transfer protocol context from the network and in the absence of a USPD interface with ORM for the GTP protocol on Gp or Gp interfaces; Other studies (tests); methods of other studies (tests)	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	transfer request routing information for GPRS Send Routing Information for GPRS Request	provided/not provided
					Failure Report Request	provided/not provided
					Request: MS marked for GPRS Note MS GPRS Present Request	provided/not provided
					Response to send routing information for GPRS Send Routing Information for GPRS Response	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.623	without specification				Response to notification of Failure Report Response	provided/not provided
					Response: AC marked for Note MS GPRS Present Response	secured/not secured GPRS
1.624.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), GTP mobility control messages on Gn or Gp interfaces; Other research (testing); methods of other research (testing)	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	identification request Identification Request	provided/not provided
					UTPD context request SGSN Context Request	provided/not provided
					Identification Response	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.624	without clarification				UTPD context response SGSN Context Response	Provided/Not provided
					Context confirmation UTPD SGSN Context Acknowledge	provided/not provided
1.625.	Type conformity assessment test program and methodology, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for LTE standard interfaces and switching protocols (orders of the Ministry of Communications and Mass Media of Russia No. 101 dated August 27, 2007, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Other GTP protocol messages on Gn or Gp interfaces; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	GTP protocol data block G-PDU	provided/not provided
					Version Not Supported	provided/not provided
					Multicast Session Start Request MMS Session Start Request	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.625					Update request context of a broadcast multicast multimedia information service Update MBMS Context Request	provided/not provided
					Multicast Broadcast Multimedia Information Session Stop Request	provided/not provided
					Request to reject notification of a multimedia broadcast multicast service MBMS Notification Reject Request	provided/not provided
					Relocation Cancel Request	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.625					Request for cancellation of registration Multicast multimedia information s e r v i c e s MMS De-Registration Request	Provided/Not provided
					Request for transfer of information for transition to another radio access subsystem Forward Relocation Request	provided/not provided
					request for registration of a multicast multimedia information service MMS Registration Request	provided/not provided
					request to create a context for a multicast multimedia information service Create MMS Context Request	provided/not provided
					request for notification of a broadcast multicast multimedia transmission service information	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.625.					Broadcast/Multicast Service (MBMS) Notification Request	
					request to delete the context of a broadcast multicast multimedia service Delete MBMS Context Request	provided/not provided
					response to a request to start a broadcast multicast session for multimedia information MBMS Session Start Response	provided/not provided
					response to a request to update the context of a multimedia broadcast multicast service Update MBMS Context Response	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.625					Response to a request to terminate broadcast multicast transmission of multimedia information MMS Session Stop Request	provided/not provided
					Response to a request to reject notification of a multicast transmission of multimedia information MMS Notification Reject Response	Provided/Not provided
					Response to a request to cancel relocation to another radio access subsystem Relocation Cancel Response	provided/not provided
					response to a request to cancel registration of a broadcast multicast multimedia information service MBMS De-Registration Response	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.625					Response to transfer request information for switching to another radio access subsystem Forward Relocation Response	provided/not provided
					response to a request for registration of a broadcast multicast multimedia information service MMS Registration Response	provided/not provided
					response to a request to create a context for a multicast multimedia service Create MMS Context Response	provided/not provided
					response to a request for notification of a multimedia broadcast multicast service MBMS Notification Response	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.625					response to a deletion of the context of the broadcast multicast multimedia information transmission service Delete MMS Context Response	provided/not provided
					forwarding of the radio access subsystem context - Forward SRNS Context	Provided/Not provided
					forwarding of confirmation of completion of relocation to another radio access subsystem Forward Relocation Complete Acknowledge	provided/not provided
					Transition to another radio access network subsystem completed Forward Relocation Complete	provided/not provided
					Confirmation of forwarding of the context of the radio access subsystem Forward SRNS Context Acknowledge	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.625.					Information retransmission access network (RAN) Information Relay	provided/not provided radio
					Support notification extended headers Supported Extension Headers Notification	provided/not provided
1.626.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for LTE standard interfaces and switching protocols (Orders of the Ministry of Communications and Mass Media of Russia No. 101 dated August 27, 2007, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Information elements of GTP protocol messages on Gn or Gp interfaces; Other research (testing); methods of other research (testing)	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	End subscriber address End User Address	provided/not provided
					Charging Gateway Address	provided/not provided
					address for transmitting radio access subsystem management information RIM Routing Address	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Identification range
1.626	without specification				Address of support nodes GSN Address	provided/not provided
					Protocol configuration options Protocol Configuration Options	Provided/Not provided
					Protocol configuration options for the MMS broadcast multicast multimedia service Protocol Configuration Options	provided/not provided
					Recovery	Provided/Not provided
					Temporary AC identifier for packet data transmission mode Packet TMSI	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.626					Temporary identifier Temporary Mobile Group Identity (TMGI)	provided/not provided
					Time to data transfer in broadcast multicast multimedia information transmission MBMS Time To Data Transfer	Provided/Not provided
					RIM Routing Address Discriminator	provided/not provided
					Multicast Session Duration	provided/not provided
					Additional information about the established radio access channel Additional RAB Setнp Information	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.626					Additional Additional Trace Info	provided/not provided
					Additional trace parameters for a multicast session of multimedia information Additional MBMS Trace Info	Provided/Not provided
					Multicast Multimedia Broadcast Service Area	provided/not provided
					Selected PLMN 1D identifier	provided/not provided
					Routing area identifier Routing Area	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.626					Session identifier broadcast multicast transmission of multimedia information MMS Session Identifier	provided/not provided
					Packet Flow ID	provided/not provided
					Network Service Access Point Identifier (NSAPI)	provided/not provided
					Trigger identifier Trigger ld	provided/not provided
					Charging ID	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.626					Identifier of the Identity	provided/not provided
					Cell identification Cell Identification	Provided/Not provided
					Target Ide11tificatio11	provided/not provided
					Access Point Name Access Point Name	provided/not provided
					Network indicator in the direction of which broadcast multicast transmission of multimedia information is carried out, MMS 2G/3G Indicator	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.626					Context information PDCP protocol for the source radio network controller Source RNC PDCP context info	provided/not provided
					User Location Information	Provided/Not provided
					Information about the established radio access channel RAB Setup Info	provided/not provided
					Information transfer container for the UMTS radio access subsystem controller UTRAN Transparent Container	provided/not provided
					RAN Transparent Container for radio access subsystem information transfer	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.626					Container subsystem base stations BSS Container	provided/not provided
					container with cost accounting information for CAMEL services CAMEL Charging Information Container	Provided/Not provided
					Radio access bearer context	provided/not provided
					PDP context	provided/not provided
					MM mobility management context Context	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.626					Service context Broadcast multicast transmission of multimedia information to a subscriber MBMS UE Context	provided/not provided
					Protocol Configuration Options	Provided/Not provided
					International Equipment Identifier AS **IMEI(SV)**	provided/not provided
					International AS number **IMSI**	provided/not provided
					International telephone number AS - MSISDN	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	**Name of object**	**Code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Definition range**
1.626					Data flow label **1** Flow Label Data **1**	provided/not provided
					data flow label **11** Flow Label Data **11**	provided/not provided
					Signaling Flow Label	provided/not provided
					Trace Reference	provided/not provided
					Authentication Quintuplet	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.626					Priority assignment PDP contexts PDP Context Prioritization	Provided/Not provided
					UTPD number SGSN Number	Provided/Not provided
					PDU block numbers Nshnbers	provided/not provided
					Common Flags	provided/not provided
					PS Handover XID Parameters	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (Indicator)	Detection range
1.626					List of types Additional Headers Extension Header Tour List	provided/not provided
					AS identifier signature for packet data transmission mode P-TMSI Signature	Provided/Not provided
					AS confirmation MS Validated	provided/not provided
					Radio Priority SMS	provided/not provided
					Radio Priority	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.626.					Radio communication priority for LCS Radio Priority LCS	provided/not provided
					MAR cause MAR cause	Provided/Not provided
					RANAP cause	provided/not provided
					BSSGP protocol execution cause BSSGP Cause	provided/not provided
					Reason for MS Not Reachable MS Not Reachable Reason	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.626					Cause	provided/not provided
					Service quality profile QoS Profile	Provided/Not provided
					Enhanced NSAPI Enhanced NSAPI	Provided/Not provided
					Selection mode	provided/not provided
					List of set-up PFCs	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.626					Transition counter Nor Counter	provided/not provided
					APN restriction type	Provided/Not provided
					Radio access type RAT Tour	provided/not provided
					Trace type Trace Tour	provided/not provided
					Reordering required	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.626					Required capabilities Information transfer for multicast multimedia messaging service Required MBMS bearer capabilities	provided/not provided
					Authentication Triplet	Provided/Not provided
					Charging characteristics	provided/not provided
					Time zone at MS location MS Time Zone	provided/not provided
					Private Extension	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.626					Number of repeat sessions broadcast multicast transmission of multimedia information MMS Session Repetition Number	provided/not provided by
					Stream template traffic Traffic Flow Template	provided/not provided user
1.627.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), GTPv2-C protocol on S5/S8, Sv, Sll, S4, S3, SI0, Sl6 interaction interfaces in S-GW, P-GW, SGSN, MME equipment; general format	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	TESH	provided/not provided
					GTPv2-C protocol version	provided/not provided
					"Message length" field	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.627	GTPv2-C protocol message headers, fields; Other studies (tests); methods of other studies (tests) without specification				Field "Number Sequence	provided/not provided
					Reserve	provided/not provided
					Reserve bits	provided/not provided
					message type	provided/not provided
					flagR	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.627.					flrT	provided/not provided
1.628.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols of the LTE standard (Orders of the Ministry of Communications of 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 14.09.2010 No. 124), Information elements GTPv2-C messages on interfaces S5/S8, Sv, SI **1**, S4, S3, S10, S16; Other studies (tests); methods of other research (testing) without specification	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.110	8517	Information elements GTPv2-C messages, following the header protocol messages GTPv2-C	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.629.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Testing methodology compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), GTPv2-C protocol messages on S5/S8, Sv, S11, S4, S3, S10, S16 interfaces; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Version not supported (Version Not Supported Indication)	provided/not provided
					Echo Request	provided/not provided
					Echo Response	provided/not provided
1.630.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Request for separate voice call continuity on the radio interface (SRVCC) when switching from a packet-switched network to a circuit-switched network (SRVCC PS to CS Request)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.630.	(Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), GTPv2-C protocol messages from SGSN/MME to MSC server (Sv) during handover; Other studies (tests); methods of other studies (tests) without specification				Response to SRVCC request when Transition from packet-switched network to circuit-switched network (SRVCC PS to CS Response)	provided/not provided
					SRVCC completion acknowledgment during transition from packet-switched network to circuit-switched network (SRVCC PS to CS Complete Acknowledge)	provided/not provided
					SRVCC completion acknowledgment when transitioning from packet-switched to circuit-switched networks (SRVCC PS to CS Cancel Acknowledge)	provided/not provided
					SRVCC completion notification when transitioning from packet-switched to circuit-switched networks (SRVCC PS to CS Complete Notification)	provided/not provided
					SRVCC completion notification when transitioning from packet-switched network to circuit-switched network	provided/not provided

N P/P	Documents establishing rules and methods for studies (tests) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.630					Cancel Notification)	
1.631.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), GTPv2-C protocol messages from SGSN/MME to P GW (S4/S11, S5/S8); Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	Request for media change (Modify Bearer Request)	provided/not provided
					Create Session Request	provided/not provided
					Change Notification Request	Provided/Not provided
					Delete Session Request	Provided/Not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.631					Response to a request to modify data transmission channel (Modify Bearer Response)	provided/not provided
					Response to session creation request (Create Session Response)	Provided/Not provided
					Response to a change notification request (Change Notification Response)	provided/not provided
					Response to session deletion request (Delete Session Response)	provided/not provided
					Resume Acknowledgement	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.631					Notification of resumption of communication (Resume Notification)	ensured/not ensured
1.632.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), GTPv2-C protocol messages without explicit response; Other research (testing); Methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	Session activation (MME/SGSN to P-GW - S **11** /S4, S5/S8)	provided/not provided
					Trace session deactivation (MME/SGSN to P-GW - Sl 1/S4, S5/S8)	provided/not provided
					Modify Bearer Failure Indication (P-GW to MME/SGSN - S5/S8, SI 1/S4)	provided/not provided
					Delete Bearer Failure Indication (P-GW to MME/SGSN - S5/S8, SI 1/S4)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Identification range
1.632.					Failure indication Distribution of data transmission channel resources (Bearer Resource Failure Indication) (P-GW to MME/SGSN - S5/S8, S1/S4)	provided/not provided
					Downlink Data Notification Failure Indication (SGSN/MME to S-GW - S4/S11)	provided/not provided
					Stop paging indication (S-GW to MME/SGSN - S11/S4)	provided/not provided
					Modify Bearer Command (MME/SGSN to P-GW - S **11** /S4, S5/S8)	provided/not provided
					Bearer Release Command (Delete Bearer Command) (MME/SGSN to P-GW - S ll/S4, S5/S8)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.632					Distribution command transmission channel resources (Bearer Resource Command) (MME/SGSN to P-GW - Sl 1/S4, S5/S8)	provided/not provided
1.633.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), GTPv2-C protocol messages from P-GW to SGSN/MME (S5/S8, S4/S11); Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Channel activation request data transmission (Create Bearer Request)	provided/not provided
					Data transmission channel update request (Update Bearer Request)	provided/not provided
					Data transmission channel release request (Delete Bearer Request)	provided/not provided
					Response to data transmission channel activation request (Create Bearer Response)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.633					Response to update request transmission channel (Update Bearer Response)	provided/not provided data
					Response to request provided/not provided data transmission (Delete Bearer Response)	channel release
1.634.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), GTPv2-C protocol messages GTPv2-C messages from P-GW to MME, from MME to P-GW, from S-GW to P-GW, from SGW to MME (S5/S8, S11); Other studies (tests); methods of other	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Deletion request provided connection (Delete PDN Connection Set Request)	connection provided/not
					Delete PDN Connection Set Response	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.634.	Research (testing) without specification					
1.635.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), GTPv2-C protocol messages from MME to MME, from SGSN to MME, from MME to SGSN, from SGSN to SGSN (S3/S10/S16); Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Identification request (Identification Request)	provided/not provided
					Context Request	provided/not provided
					Relocation Cancel Request	provided/not provided
					Forward Relocation Request	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.635					Configuration Transfer Tunnel Configuration Transfer Tunnel	provided/not provided
					Identification response	provided/not provided
					Context response	provided/not provided
					Response to relocation cancellation request (Relocation Cancellation Response)	provided/not provided
					Response to transfer request when moving AS (Forward Relocation Response)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Scope definition
1.635					Transmission of information to the Network Radio Access Network (RAN Information Relay)	provided/not provided
					Forward Relocation Complete Acknowledge	provided/not provided
					Confirmation of response to context request (Context Acknowledge)	provided/not provided
					Forward Access Context Acknowledge	provided/not provided
					Forward Relocation Complete Notification	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.635					Notification of transfer context (Forward Access Context Notification)	provided/not provided of
1.636.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), GTPv2-C protocol messages GTPv2-C messages from SGSN to MME, from MME to SGSN (S3); Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	Network search indication with channel switching (CS Paging Indication)	provided/not provided
					UE Activity Acknowledge	provided/not provided
					MME alert acknowledgment (Alert MME Acknowledge)	provided/not provided
					Detach Acknowledge	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.636.					MME notification (Alert MME Notification)	provided/not provided
					AS activation notification (UE Activity Notification)	Provided/Not provided
					Detach Notification	Provided/Not provided
1.637.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124),	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Confirmation of interruption (Suspend Acknowledge)	provided/not provided
					Communication interruption notification (Suspend Notification)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.637	GTPv2-C protocol messages from SGSN/MME to S GW, from SGSN to MME (S4/S11/S3), from SGSN to SGSN (S16), from S-GW to P-GW (S5/S8); Other studies (tests); methods of other studies (tests) without specification					
1.638.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), GTPv2-C protocol messages from SGSN/MME to S GW (S4/Sl l); Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Request for release to the data transmission channel (Release Access Bearers Request)	secured/unsecured
					Request to create a transmission tunnel (Create Forwarding Tunnel Request)	granted/not granted
					Request to create an indirect data forwarding tunnel (Create Indirect Data Forwarding Tunnel Request)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.638					Tunnel removal request Indirect Data Forwarding Delete Request	Provided/Not provided
					Response to request for release of access to data transmission channel (Release Access Bearers Response)	provided/not provided
					Response to a request to create a transmission tunnel (Create For varding Tshshe Response)	provided/not provided
					Response to a request to create an indirect data forwarding tunnel (Create Indirect Data Forwarding Tunnel Response)	provided/not provided
					Response to a request to delete an indirect data forwarding tunnel (Delete Indirect Data Forwarding Tunnel Response)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.639	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Verification methodology compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), GTPv2-C protocol messages from S-GW to SGSN/MME (S4/S11); Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Confirmation of acknowledged/not acknowledged PGW (P-GW Restart Notification Acknowledge)	PGW restart notification
					Downlink Data Notification Acknowledge Downlink Data Notification	Provided/Not provided
					P-GW restart notification (P-GW Restart Notification)	provided/not provided
						provided/not provided
1.640.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Update PDN Connection Set Request	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.640	(Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), GTPv2-C protocol messages GTPv2-C from S-GW to P-GW, from P-GW to S-GW (S5/S8); Other studies (tests); methods of other studies (tests) without specification				Response to a request to delete secured (Update PDN Connection Set Response)	connection secured/not
1.641.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), GTPv2-C protocol messages from MME to S-GW (S11); Other research (testing);	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Channel change request access (Modify Access Bearers Request)	provided/not provided
					Response to a request to change the access channel (Modify Access Bearers Response)	provided/not provided

methods of other				

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.641.	Research (testing) without specification					
1.642.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, No. 14.09.2010 No. 124), GTPv1-U protocol on Sl-U, S5/S8, S4, Sl2 interfaces in S-GW, P-GW, SGSN equipment; GTPvl-U protocol message header format; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	TESH	provided/not provided
					GTPvl-U protocol version	provided/not provided
					"Message length" field	provided/not provided
					"Additional header" field	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.642.					"Data block number" field	provided/not provided
					"Sequence number" field	provided/not provided
					Reserve bit	provided/not provided
					message type	provided/not provided
					flag E	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Detection range
1.642					flag	provided/not provided
					RT flag	Provided/Not provided
					S flag	provided/not provided
1.643.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124),	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	information elements GTPv1-U messages, following the GTPvl-U protocol message header	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.643	Information elements of the GTPvl-U message on the Sl-U, S5/S8, S4, S12 interaction interfaces; Other research (testing); methods of other research (testing) without specification					
1.644.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), GTPv1-U protocol messages on interfaces Interaction Sl-U, S5/S8, S4, S12; Other studies (tests); Methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	Protocol data block GTP(G-PDU)	provided/not provided
					Echo Request	provided/not provided
					End Marker	provided/not provided
					Echo Response	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.644					Error indication (Error Indication)	provided/not provided
					Support notification Extension Headers (Supported Extension Headers Notification)	Supported/Not Supported
1.645.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for LTE standard interfaces and switching protocols (Orders of the Ministry of Communications and Mass Media of Russia No. 101 dated August 27, 2007, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), PMIPV6 Protocol. Mobility Header format and list of supported fields; Other studies (tests); methods of other studies (tests)	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Checksum	provided/not provided
					Header Len	provided/not provided
					MN Ture	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.645	not specified				Message Data	provided/not provided
					Payload Proto	Provided/Not provided
					Reserve	provided/not provided
1.646.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Protocol	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	for border alignment header length, multiple of 8 octets, free positions must be filled with zeros	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.646	PMIPV6. Field "Addition to the heading Other studies (tests); methods of other studies (tests) without specification					
1.647.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, No. 14.09.2010 No. 124), PMIPV6 Protocol. Messages for interfaces S5, S8, S2a, S2b; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	"Cancellation indication registration" **(BRl**, Binding Revocation Indication)	provided/not provided
					"Proxy registration update" (PBU, Proxy Binding Update)	provided/not provided
					"Registration revocation acknowledgment" (BRA, Binding Revocation Acknowledgement)	provided/not provided
					"Proxy Binding Acknowledgement" (PBA)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.648.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), PMIPV6 Protocol. Route 2 Routing Header format and list of supported fields; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.**1** 1O	8517	Hdr Ext Len	provided/not provided
					Note Address	provided/not provided
					Next Header	provided/not provided
					Routing Tour	provided/not provided
					Segments Left	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.648					Reserve	provided/not provided
1.649.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Interaction of MME with equipment; Other research (testing); Methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	EIR via S13 interface with using the Diameter protocol	provided/not provided
					HSS/LTE via S6a interface using Diameter protocol	provided/not provided
					MSC cepvpera/VLR via SGs interface using SGsAP protocol	provided/not provided
					S-GW via SI **1** interface using GTPv2-C protocol	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.649.					SGSN via the Gn interface with using the GTP protocol if the SGSN does not implement the S3 interface	provided/not provided
					SGSN via S3 interface using GTP version 2 control plane protocol (GTPv2-C)	provided/not provided
					UE via S1-MME interface using NAS protocol	provided/not provided
					LTE/LTE-Advanced (E-UTRAN) radio access networks via the S1-MME interface using the protocol S1-AP	provided/not provided
1.650.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	E-UTRAN via interface using GTP user level version 1 (GTPvl-U) protocol	provided/not provided S1-U

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.650.	LTE standard switching (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Interaction of S-GW with equipment; Other research (testing); methods of other research (testing) without specifying				MME via the S11 interface with using the GTPv2-C protocol	provided/not provided
					P-GW of another network via the S8 interface using the GTPv2-C and GTPvl-U or PMIPv6 protocols	provided/not provided
					P-GW of its network via the S5 interface using the GTPv2-C and GTPvl-U or PMIPv6 protocols	provided/not provided
					SGSN via S4 interface using GTPv2-C and GTPvl-U or PMIPv6 protocols	provided/not provided
					UTRAN via Sl2 interface using GTP protocol	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.651	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Interaction of P-G W with equipment; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.1 10	8517	PCRF via Gx interface with using the Diameter protocol	provided/not provided
					S-GW of another network via the S8 interface using the GTPv2-C and GTPvl-U or PMIPv6 protocols	provided/not provided
					S-GW of its own network via the S5 interface using GTPv2-C and GTPvl-U or PMIPv6 protocols	provided/not provided
					SGSN via Gn or Gp interfaces using the GTP protocol, if SGSN does not implement the S4 interface	provided/not provided
					external data network via the SGi interface	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.652	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), HSS interaction with equipment; Other research (testing); Methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	MME via S6a interface with the use of the Diameter	provided/not provided by
1.653.	Program and methodology for type conformity testing, approved by the SPbGUT Certification Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101,	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	P-GW via Gx interface with using the Diameter protocol	provided/not provided
					PCRF of another network via the S9 interface using the Diameter protocol	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.653.	No. 58 dated May 31, 2007, orders Ministry of Communications of Russia dated 21.03.2017 No. 129, from 14.09.2010 No. 124), Interaction of PCRF with equipment; Other research (tests); methods of other research (testing) without specification				of the IP service network for Rx interface with implementation of the protocol Diameter	provided/not provided
1.654.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols of the LTE standard (Orders of the Ministry of Communications of of 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 14.09.2010 No. 124), Interaction of EIR with equipment; Other research (tests); methods of other research (testing) without specification	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	MME via S13 interface with implementation of the protocol Diameter	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.655	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Verification methodology compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), SGSN interaction with equipment; Other research (testing); methods of other research (testing) without specifying	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	MME via Gn interface with the use of the GTP protocol, if SGSN does not implement the S3 interface	is provided/not provided by
					MME via the S3 interface using the GTPv2-C	provided/not provided
					P-GW on Gn or Gp interfaces using the GTP protocol, if SGSN does not implement the S4 interface	provided/not provided
					S-GW on the S4 interface using the GTPv2-C and GTPvl-U or PMIPv6 protocols	provided/not provided
1.656.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Gx interface: ensuring the transmission of QoS data transmission control messages and billing rules from PCRF to P-GW using the Diameter protocol	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.656	(Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), non-ZGPP access; Other research (testing); methods of other research (testing) without specifying				Gxa interface: ensuring the transmission of Diameter protocol messages for QoS data transmission management from PCRF to TW AN	provided/not provided
					Gxb interface (ePDG and VPCRF interaction; ensuring Diameter protocol message transmission for QoS data transmission management from VPCRF to ePDG)	provided/not provided
					Gxc interface: ensuring Diameter protocol message transmission for QoS management between S-GW and PCRF	provided/not provided
					S2a interface (interaction between TWAN (TWAG) and S-GW or P GW depending on the network architecture; ensuring user data and signaling transmission; implementation of control protocols PMIPv6 mobility,	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD2 CODE	EAEU HS CODE	Defined characteristic (indicator)	Definition range
1.656.					MIPv4 (with addressing FACoA) or GTP control layer and user layer)	
					S2b interface (interaction between ePDG and S- GW or P-GW depending on network architecture; provision of user data and signaling transmission; implementation of PMIPv6 or GTP mobility management protocols)	provided/not provided
					S2c interface (formation of secure IPSec tunnels using the IKEv2 protocol) (interaction between UE and P-GW; ensuring user data and signaling transmission; support for DSM1Pv6 and IPSec mobility management protocols)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.656					S5 interface (S-GW and P-GW interaction; provision of user data and signaling transmission using tunnels; implementation of GTP or PMIPv6 protocols)	Provided/Not provided
					S6a interface (MME and HSS interaction; use for authentication and authorization; implementation of the Diameter protocol)	provided/not provided
					S6b interface (interaction between P-GW and AAA server ZGPRR or AAA proxy server ZGPRR (when roaming in case of traffic routing through a visiting network) using Diameter)	provided/not provided
					S8 interface (interaction between S-GW in VPLMN and P-GW in HPLMN; use of user traffic via HPLMN when roaming and in case of routing; GTP protocol implementation	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.656.					or PMIPv6)	
					S9 interface (data on charging rules in case of user traffic routing to PDN from the visiting network) (ensuring the transmission of Diameter protocol messages for QoS data transmission management in roaming conditions between HPCRF and VPCRF)	provided/not provided
					SGi interface: interaction between P-GW and PDN	provided/not provided
					STa interface: interaction between TWAN and ZGPR AAA server (proxy server) via Diameter protocol for secure transmission of authentication information authorization and accounting	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Authorization protocol definition range
1.656.					(tariff) with support for the EAR-AKA, EAR-AKA' protocol	
					SWa interface: interaction between UTW AN and ZGPR AAA server (proxy server) via Diameter protocol for secure transmission of authentication, authorization, and accounting (billing) information	provided/not provided
					SWd interface: interaction between the ZGRR AAA proxy server and the ZGRR AAA server via the Diameter protocol with support for the EAP-AKA and EAP-AKA' protocols	provided/not provided
					SWm interface: interaction between the ZGRR AAA server (proxy server) and ePDG for the transmission of AAA signaling data and authentication data authorization protocols	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.656.					mobility management PMIPv6 (MAG-AAA) and MIPv6 (MIPv6 NAS-AAA) with support for the EAP-AKA protocol	
					SWu interface (key exchange when forming an IPSec tunnel using the IKEv2 protocol): interaction between a mobile terminal and an ePDG gateway, ensuring secure data transmission in an IPSec tunnel	provided/not provided
					SWx interface: interaction between the 3GPP AAA server and the HSS database, ensuring data exchange for authentication and authorization of UE	provided/not provided
1.657.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 49. Methodology for verifying compliance with interface and protocol requirements	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	either PMIPv6 or GTP	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.657.	LTE standard switching (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Implementation of the same protocol on S5, S8, S2a, and S2b interfaces; Other research (testing); Methods of other research (testing) without specification					
1.658.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Interfaces C, D for interaction of the mobile network subsystem	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	using the MAR subsystem	provided/not provided by

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.658.	CS- OFDMA standard radio communications with SAG equipment; Other research (testing); Other research (testing) methods without specification					
1.659	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Ethernet frame format; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Sender's address	provided/not provided
					Recipient's address	provided/not provided
					Data	provided/not provided
					Data field length	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.659					Control Frame sequence	provided/not provided
					Initial limiter	Provided/Not provided
					Preamble	provided/not provided
1.660	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Data on	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	IP address of MME for Sl 1 interface (MME IP address for S **11)**	provided/not provided
					IP address of S-GW for interface SI l/S4 (for control plane) (S- GW 1P address for Sl l/S4 (control plane))	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.660.	for subscriber radio stations serviced by S-GW; Other research (testing); Methods of other research (testing) without specification				SGSN IP address for S4 interface (for control plane) (SGSN IP address for S4 (control plane))	provided/not provided
					Time of last update of the AS location cell ID (Last known Cell Id age)	Provided/Not provided
					Selected CN operator ID	provided/not provided
					MME tunnel endpoint identifier for SI **1** interface (MME TEP for SI **1)**	provided/not provided
					S-GW tunnel endpoint identifier for S l l/S4 interfaces (for control plane) (S- GW TESS for Sl l/S4 (control plane))	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.660					Identifier of the SGSN endpoint identifier for the S4 interface (for the control plane) (SGSN TESH for S4 (control plane))	provided/not provided
					Trigger identifier (Trigger id)	Provided/Not provided
					Identifier of the control and service center to which trace reports will be sent (OMS Identity)	provided/not provided
					IMSI unauthenticated indicator	provided/not provided
					International Mobile Equipment Identity and Software Version (IMEI/IMEISV) (ME Identity)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.660					International AC number (IMSI)	Provided/Not provided
					International AS number in ISDN network (MSISDN)	provided/not provided
					Detailed trace description (Trace reference)	provided/not provided
					Last known Cell Id of the AS location	provided/not provided
					Trace type (Trace Type)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.661.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Data on ASs serviced in S-GW for each connection to the data transmission network; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.**1** 1O	8517	S-GW IP address for S5/S8 interface (for control plane) (S-GW 1P address for S5/S8 (control plane))	provided/not provided
					IP address of P-GW in use (for user plane) (P-GW Address in Use (user plane))	provided/not provided
					IP address of P-GW in use (for control plane) (P-GW Address in Use (control plane))	provided/not provided
					IP address of the S-GW in use (for the user plane) (S-GW Address in Use (user plane))	provided/not provided
					P-GW tunnel endpoint identifier for S5/S8 interfaces (for control plane) (only for GTP on S5/S8) (P-GW TE for S5/S8) (control plane)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.661.					Identifier of the terminal S-GW tunnel endpoint identifier for S5/S8 interfaces (for the control plane) (only for GTP on S5/S8) (S-GW TEP for S5/S8 (control plane))	provided/not provided
					Access point in use (APN in Use)	provided/not provided
					Default data transmission channel (only for PMIPv6 on S5/S8) (Default Bearer)	provided/not provided
					GRE key assigned by P-GW for uplink user data transmission (only for PMIPv6 on S5/S8) (P-GW GRE Key for uplink traffic (user plane))	provided/not provided
					GRE key dedicated to S-GW for "downlink" user data transmission (only for PMIPv6 on S5/S8) (S-GW GRE Key for downlink traffic (user	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.661.					plane))	
					Accounting characteristics for AC in the network data transmission EPS (EPS PDN Charging Characteristics)	provided/not provided cost
1.662.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Data on each EPS data transmission channel in a data transmission network connection serviced in S-GW AS; Other research (testing); methods of other	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	IP address S-G W for S5/S8 interface (for user plane) (S-GW IP address for S5/S8 (user plane))	provided/not provided
					S-GW IP address for S 1-u, S 12 and S4 (user plane) (S-GW IP address for Sl-u, Sl2 and S4 (user plane))	provided/not provided
					SGSN IP address for S4 (user plane)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurement	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Identification range
1.662.	research (testing) without specification				IP address used P-GW (for the user plane) (only for GTP on S5/S8) (P-GW Address in Use (user plane))	provided/not provided
					IP address of the UMTS radio access network controller for the Sl2 interface (RNC IP address for SI2)	provided/not provided
					IP address of the eNodeB radio access node for the Sl-u interface (eNodeB Address for Sl-u)	provided/not provided
					Identifier of cost accounting data generated by S-GW and P-GW (Charging Id)	provided/not provided
					EPS bearer ID	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.662					Identifier of final P-GW tunnel endpoint identifier for S5/S8 interface (for user plane) (only for GTP on S5/S8) (P-GW TESS for S5/S8 (user plane))	provided/not provided
					S-GW tunnel endpoint identifier for Sl-u, Sl2 and S4 interfaces (for user plane) (S-GW TESS for Sl-u, S\2 and S4 (user plane))	provided/not provided
					S-GW tunnel endpoint identifier for S5/S8 interfaces (for user plane) (only for GTP on S5/S8) (S-GW TEP for S5/S8 (user plane))	provided/not provided
					SGSN tunnel endpoint identifier for S4 interface (for user plane) (SGSN TESS for S4 (user plane))	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.662					Endpoint identifier UMTS radio access network controller tunnel points for the Sl2 interface (RNC TESS for Sl2)	provided/not provided
					Identifier of the tunnel endpoint of the eNodeB radio access node for the Sl-u interface (eNodeB TESS for Sl-u)	Provided/Not provided
					Quality of service in the EPS data channel (ARP, GBR, MVR, QIC) (EPS Bearer QoS)	provided/not provided
					Traffic flow template (TFT)	provided/not provided
1.663	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Identifier of the selected the network operator (Selected CN operator id)	provided/not provided by

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.663.	(Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Lanned on subscriber radio stations serviced in P-GW; Other research (testing); methods of other research (testing) without specification				Trigger identifier (Trigger id)	provided/not provided
					Identifier of the control and service center to which trace reports will be sent (OMS Identity)	Provided/Not provided
					IMSI unauthenticated indicator (IMSI unauthenticated-indicator)	provided/not provided
					International mobile equipment identifier and software version (IMEI/IMEISV) (ME Identity)	Provided/Not provided
					International Mobile Subscriber Identity (IMSI)	Provided/Not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.663					International AC number in the ISDN network (MSISDN)	provided/not provided
					Detailed description of the trace (Tga reference)	Provided/Not provided
					Radio access technology (RAT) type	provided/not provided
					Trace type (Trace Tour)	provided/not provided
1.664	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Access point used access (APN in Use)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.664.	(Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Data on ASs serviced in P-GW for each access point used; Other studies (tests); methods of other studies (tests) without specification				Access point - Total maximum transmission speed (APN-AMBR)	provided/not provided
1.665.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, No. 14.09.2010 No. 124), Data on the P-GW AS serviced on the data transmission network connection for each access point; Other	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	P-G W IP address for S5/S8 interface (for control plane) (P-GW IP address for S5/S8 (control plane))	provided/not provided
					IP address of the P-GW used (for the user plane) (only for PMIP on S5/S8) (P-GW Address in Use (user plane)	provided/not provided
					IP address of the S-GW used (for user plane) (only for PMIP on S5/S8) (S-G W Address in Use (user plane))	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.665.	research (testing); other research (testing) methods without specification				IP address of the S-GW (for control level) (S-GW Address in Use (control layer))	provided/not provided
					IP address(es)	Provided/Not provided
					Ability to transmit messages about changes in AS information (MS Info Change Reporting support indication)	Supported/Not supported
					Default bearer identifier	provided/not provided
					P-GW tunnel endpoint identifier for S5/S8 interfaces (for control plane) (only for GTP on S5/S8) (P-GW TESS for S5/S8 (control plane))	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.665					Identifier of final S-GW tunnel endpoint for S5/S8 interfaces (for control plane) (only for GTP on S5/S8) (S-GW TESS for S5/S8 (control plane))	provided/not provided
					GRE key assigned by P-GW for user plane uplink traffic (only for RPM on S5/S8) (P-GW GRE key for uplink traffic (user plane))	provided/not provided
					GRE key allocated by S-GW for downlink user data transmission (only for PMIP on S5/S8) (S-GW GRE Key for downlink traffic (user plane))	provided/not provided
					Need to transmit messages about changes in closed user group information (CSG Information Reporting Action)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.665					Need for transmission Reports on changes in AS information (MS Info Change Reporting Action)	provided/not provided
					Agreed channel management mode (VCM)	Provided/Not provided
					Data transmission network type (PDN type)	provided/not provided
					Characteristics of subscriber station cost accounting in the EPS data transmission network (EPS PDN) Charging Characteristics)	provided/not provided
1.666.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	IP address used P-GW (for user plane) user) (P-GW Address in Use (user plane))	provided/not provided by

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU Foreign Economic Activity Code	Defined characteristic (indicator)	Definition range
1.666.	(Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Data on AS serviced in P-GW for each data transmission channel in a data transmission network connection (only for GTP on S5/S8); Other research (testing); methods of other research (testing) without specification				IP address of the S-GW used GW (for user level) (S-GW Address in Use (user plane))	provided/not provided
					Identifier of cost accounting data generated by S-GW and P-GW (Charging Id)	Provided/Not provided
					EPS bearer channel identifier (EPS Bearer ID)	provided/not provided
					P-GW tunnel endpoint identifier for S5/S8 interface (for user plane) (P-GW TESH for S5/S8 (user plane))	provided/not provided
					S-GW tunnel endpoint identifier for S5/S8 interfaces (for user plane) (S-GW TEP for S5/S8 (user plane))	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.666					Quality of service in transmission channel EPS (ARP, GBR, MVR, QCI) (EPS Bearer QoS)	provided/not provided data
					Traffic flow pattern (TFT)	provided/not provided
1.667.	Type conformity testing program and methodology, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for LTE standard interfaces and switching protocols (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), List of data stored in HSS; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	EMM and ESM context for MS purged from EPS	provided/not provided
					MME Capabilities	Provided/Not provided
					Support capability for AC voice call continuity on the radio interface (UE-SRVCC-Capability)	Provided/Not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.667					Closed subscription data user group (CSG Subscription Data)	provided/not provided
					Access point replacement (APN-OI replacement)	provided/not provided
					MME identity currently serving the AC (MME Identity)	provided/not provided
					Identifier of the control and service center to which trace reports will be sent (OMS Identity)	provided/not provided
					Radio Access Technology/Frequency Selection Priority Index (RFSP Index)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.667					International AS equipment identifier and software version (IMEI/IMEISV)	Provided/Not provided
					International mobile subscriber identity (IMSI)	Provided/Not provided
					International mobile subscriber identity in ISDN network (MSISDN)	provided/not provided
					Access restrictions according to subscription (Access Restriction)	provided/not provided
					Operating carrier restrictions (ODB parameters)	Provided/Not provided

N P/P	Documents establishing rules and methods for research **(testing) and measurements**	**Name of object**	**Code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Detection range**
1.667					Request parameter AS availability, indicating that ASotMME activity confirmation has been registered in the HSS (URRP-MME)	provided/not provided
					Authentication parameters: random number (RAND), expected response (XRES), key (KASME), authentication symbol (AUTN) (Authentication Vector)	provided/not provided
					AS subscription - Total maximum transmission rate (Subscribed-UE- AMBR)	provided/not provided
					Subscription to periodic routing/tracking area update by timer (Subscribed Periodic RAU/TAU Timer)	provided/not provided

N P/P	Documents establishing rules and methods for research **(testing) and measurements**	**Name of object**	**Code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Detection range**
1.667					Subscription to priority service in EPS (MPS EPS priority)	provided/not provided
					Subscription to priority service in the CS domain (MPS CS priority)	Provided/Not provided
					Detailed trace description (Trace Reference)	provided/not provided
					Permission to use local IP access in VPLMN (VPLMN LIPA Allowed)	provided/not provided
					Trace type (Trace Type)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.667					Characteristic for accounting the cost of AS in in accordance with the network subscription (EPS Subscribed Charging Characteristic)	provided/not provided for
1.668.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), List of data stored in HSS; one or more data transmission network contexts; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Transmission network address data (PDN Address)	provided/not provided
					Possibility to use for APN AC P-GW home or visited network (VPLMN Address Allowed)	provided/not provided
					Access point replacement (APN-OI Replacement)	provided/not provided
					P-GW identity	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.668					Context identifier (Context Identifier)	provided/not provided
					Access Point Name (APN)	Provided/Not provided
					Homogeneous Support of IMS Over PS Sessions for MME	Provided/Not provided
					Subscription Access Point - Average Maximum Rate (Subscribed-APN-AMBR)	Provided/Not provided
					Quality of service profile in accordance with EPS subscription (QCI and ARP) (EPS subscribed QoS profile)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.668					LIPA permits (LIPA permissions)	provided/not provided
					Permissions for IP traffic distribution for APN (SIPTO permissions);	provided/not provided
					The mobile network in which the dynamically selected P-GW is located (PLMN of P-GW)	provided/not provided
					P-GW selection type (static, dynamic) (P-GW Allocation Tour)	provided/not provided
					Data network type (IPv4, IPv6, IPv4v6) (PDN Tour)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.668					Characteristics of AS cost accounting in accordance with EPS data network subscription (EPS PDN Subscribed Charging Characteristics)	Provided/Not provided
1.669	Program and methodology Confirmation tests type compliance, approved by the IC SPbGUT 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols of the LTE standard (orders of the Ministry of Communications Russia dated August 27, 2007 No. 101, dated May 31, 2007, No. 58, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 14.09.2010 No. 124), List data stored in the HSS; list of ratios: Access point name - ID G; Other studies (tests); methods of other research (testing) without specification	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.110	8517	APN ratio number - P-GW (APN - P-GW relation #n)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.670	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 49. Verification methodology compliance with interfaces and protocols LTE standard switching (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, orders Ministry of Communications of Russia dated 21.03.2017 No. 129, from 14.09.2010 No. 124), Data on subscriber radio station, stored in the EIR; Other research (testing); methods of other research (testing) without clarification	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.**1** 1O	8517	international identifiers AS equipment, contained in EIR, are divided into three lists (white list containing of IMEI permitted for for operation in the equipment; black list containing IMEI not approved for operation in the equipment network; gray list containing IMEI not prohibited for work in this network equipment other than cases where IMEI equipment is contained in blacklisted or not included in the white list)	provided/not provided
					IMEI verification for each attempt to access the EPC and refusal of access attempt upon receipt from the register EIR of one of the following responses: "equipment is blacklisted" or "the equipment is not included in the whitelist"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.670.					IMEI format (type code (TAS) containing 8 decimal digits; serial number (SNR) containing 6 decimal digits (individual serial number uniquely identifying the AS equipment within the TAS); reserve containing 1 decimal digit, taking the value "O" when the IMEI is transmitted from the AS. The number of decimal places in the IMEI is 15)	provided/not provided
					IMEISV format (type code (TAS) containing 8 decimal digits; serial number (SNR) containing 6 decimal digits (individual serial number uniquely identifying the AC equipment within the TAS); AC equipment software version number (SVN) identifying number the software version of the mobile	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.670.					equipment. The field length must be 2 decimal places. The number of decimal places in IMEISV must be 16)	
					storage of international identifier of AC equipment (IMEI) or international identifier of equipment and version of AC equipment software (IMEISV)	provided/not provided
1.671.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Additional messages supporting user mobility management	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	"Registration request" (Registration Request), fields: **"Type", "S", "B", "D", "M", "G", "r" and "X", "T",** "Registration Duration", "Home Address", "Home Agent Address", "SoA", "Identification"; extension fields	provided/not provided
					"Registration Result" (Registration Reply), fields: **"Type", "Code",** "Registration Duration", "Home address", "Home agent address	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.671.	and sent from port UDP/TCP 434; Other research (testing); methods of other research (testing) without specification				agent", "Identifier"; extension fields	
					extension fields of messages "Registration request", "Registration result", fields: "Extension type", "Length", "SPI" (Security Parameter Index), "Authenticator"	provided/not provided
					types of message extensions "Registration request", "Registration result" ("Mobile Home Authentication" - extension type: 32; "Mobile-Foreign Authentication" - extension type: 33; "Foreign-Home Authentication" - type extension: 34)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.672	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols LTE switching (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders Ministry of Communications of Russia dated 21.03.2017 No. 129, from 14.09.2010 No. 124), ICMPv4 protocol messages ICMPv4 messages supporting mobility management user ;Other research (testing); methods of other research (testing) without clarification	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.**1** 1O	8517	message expansion ICMPv4 protocol	provided/not provided
					ICMPv4 protocol messages that support mobility management user ("Announcement Router Advertisement); "Request accessibility router" (Router Solicitation))	provided/not provided
					"Prefix Length" extension format, fields: "Extension Type", "Length", "Prefix Length"	provided/not provided
					extension format "Mobile Agent Announcement Agent" (Mobility Agent Advertisement), fields: "Extension Type ", "Length", "Sequence Number", "Registration Duration **Registration", "R", "B", "H", "F", "M", "G", "r", "T",** "Reserve, "Address(es) of CoA"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.672					Extension format "Mobile Agent Advertisement" Agent" (MoBility Agent Advertisement) Fields: "Extension Type", "Length", "Sequence Number", "**Registration** Duration**", "R", "B", "H", "F", "M", "G", "r", "T",** "Reserve", "CoA Address(es)"	Provided/Not provided
1.673.	Program and methodology Confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 49. Verification methodology for compliance with interfaces and protocols of the LTE standard (Orders of the Ministry of Communications of of 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 14.09.2010 No. 124), MIPv6, DSMIPv6 protocols; additional header IPv6 mobility protocol Mobility Header (MH); Other research (testing); methods of other research (testing)	Equipment Communication; Communication means, Performing the function switching systems;	26.30;26.30.11.110	8517	User mobility	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.673						
1.674	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 49. Methodology for verifying compliance with interfaces and protocols of the LTE standard (orders of the Ministry of of 27.08.2007 No. 101, No. 58 dated May 31, 2007, of the Ministry of Communications of Russia dated 14.09.2010 No. 124), MIPv6, DSMIPv6 protocols; header designation "Mobility Header" in the field "Next Header" (Next header) with a value of "135", fields; Other research (tests); methods of other research (testing) without specification	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.110	8517	"Checksum"	provided/not provided
					"Header Len"	is ensured/not ensured
					"MN Ture"	provided/not provided
					"Message Data"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.674					"Payload Proto"	provided/not provided
					"Addition to the header border"	Provided/Not provided
					"Reserve"	provided/not provided
1.675.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124),	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	"Care-ofTest" used returning the UE identifying chain sent to the correspondent node in the "Care-ofTest Init" message; fields (the "MN Tour" field for the "Care-of Test" message must be equal to "4"): "One-time temporary number index", "Temporary address identification chain", "Care-of Keygen Token marker", "Options	provided/not provided for

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.675.	MIPv6, DSMIPv6 protocols; messages transmitted using the "Mobility Header" header; Other studies (tests); methods of other studies (tests) without specification				Mobility	
					"UE binding refresh request" (BRR message, Binding Refresh Request); fields (the "MN Ture" field for the BRR message must be equal to "O"): "Reserve", "Mobility options"	Provided/Not provided
					"Care-of Test Init" (Care-of Test Init message); fields (the "MN Tour" field for the "Care-of Test Init" message must be equal to "2"): "Care-of Test Identifier", "Mobility Options"	provided/not provided
					"Initiation of home address verification" (NoP message, *Note* Test Init); fields (the "MN Tour" field for the NoP message must be equal to "] "):"Reserve", "Options	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD2 CODE	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.675.					mobility	
					"Binding Update" (BU message) used by a mobile node to notify other nodes of its new temporary address and including the following fields (the "MN Tour" field for the "Binding Update" message must be equal to "5"): "Sequence number", "Confirmation" bit (A), "Home Agent Registration" bit (H), "Link and Local Address Match" bit (L), "Mobile Key Management Capability" bit, "Reserved", "Lifetime", "Mobility Options";	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.675.					"Receipt confirmation binding update messages" (BA message, Binding Acknowledgement) (the "MN Ture" field for the BA message must be equal to "6")	provided/not provided
					"Home Address Verification" (*Note* Test message) used to return the UE identification chain sent to the correspondent node in the *"Note* Test Init" message; fields (the "MN Tour" field for the *"Note* Test" message must be equal to "3"): "One-time home number index", "Home address identification chain", "*Note* Keygen Token marker", "Mobility options"	provided/not provided
					"Mobility-related error message" (BE message, Binding Error) (the "MN Tour" field for the BE message must be equal to "7")	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.675.					The following mobility options are allowed in the "Binding Update" message: "Binding Authorization Data" option, "One-Time Number Indexes" option, "Alternative (Backup) Temporary Address" option	provided/not provided
1.676.	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols of the LTE standard (orders of the Ministry of of 27.08.2007 No. 101, No. 58 dated May 31, 2007, of the Ministry of Communications of Russia dated September 14, 2010, No. 124), Additional header IPv6 protocol "Routing Header" Routing Header", providing additional data for routing; fields; Other research (tests); other methods	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.11O	8517	"Hdr Ext Len"	provided/not provided
					"Note Address"	provided/not provided
					"Next Header"	provided/not provided
					"Routing Header"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.676.	(tests) without clarification				"Segments Left"	provided/not provided
					"Reserve"	provided/not provided
1.677.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Additional ICMP IPv6 messages for determining the home agent address; Other research (testing); methods of other research (testing)	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	"Address determination request of home agent" *(Note* Agent Address Discovery Request); fields: "Type", "Code", "Checksum", "Identifier", "Reserve"	provided/not provided
					"Home agent address discovery reply" *(Note* Agent Address Discovery Reply); fields: "Type", "Code", "Checksum", "Identifier", "Reserve", "Home agent addresses";	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.677.	without specification					
1.678	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Additional ICMP 1Pv6 messages for network renumbering and address configuration on a mobile node; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	"Request" messages Mobile Prefix Solicitation; **fields: "Type", "Code",** "Checksum", "Identifier", "Reserve"	provided/not provided
					Mobile Prefix Advertisement messages; fields: "Type", "Code", "Checksum", "Identifier", **"M", "O", "Reserve", "Options"**	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.679	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), MIPv6, DSMIPv6 protocols; Neighbor Discovery Protocol (NDP) message format; Other research (testing); Other research (testing) methods without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.**1** 1O	8517	field **"H"**	provided/not provided
					field "M"	provided/not provided
					field "O"	provided/not provided
					"Time of arrival" field	provided/not provided
					"Router lifetime" field	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.679					"Time of retransmission" field Transmission Time"	provided/not provided
					"Code" field	provided/not provided
					"Checksum" field	provided/not provided
					"Options" field	provided/not provided
					"Reserve" field	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.679					Field "Current limit "Type" field	secured/not secured steps" provided/not provided
1.680.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), for the functioning of the DSM1Rv6 protocol; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	DSMIPv6 home agent nAP-GW DSMIPv6 client on mobile terminal	provided/not provided provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.681	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Extensions for M1Rv6 protocol messages; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	for the message "Binding Acknowledgement transmitted from the home agent or Mobility Anchor Point to the UE: IPv4 Acknowledgement Option, NAT Detection Option	provided/not provided
					for a "Binding Update" message transmitted from the UE to the home agent or Mobility Anchor Point: "IPv4 *Note* Address Option", "IPv4 Care-of Address Option" Option", flag (F)	provided/not provided
1.682.	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101,	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	transmission of a single message IKEv2 in UDP datagram	provided/not provided
					When transmitted via UDP port 4500, four octets with zero values are placed before the IKEv2 message.	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.682.	No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Use of Internet Key Exchange version 2 (IKEv2) protocol for UDP services; Other research (testing); Other research (testing) methods without specification				(these octets are not part of the IKEv2 message and should not be included in the IKEv2 size and checksums)	
					When transmitted via UDP port 500, the IKEv2 message begins immediately after the UDP header.	provided/not provided
					preservation and use of IP address and UDP port numbers in headers for transmission of response packets	Provided/Not provided
					via ports 500 and 4500	provided/not provided
1.683.	Type conformity testing program and methodology, approved by the SPbGUT IC on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	decryption of the element Encrypted data type upon receipt, parsing of decryption results as additional data elements	provided/not provided for

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.683.	(Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Location of the IKEv2 protocol header; Other studies (tests); methods of other studies (tests) without specifying				processing of elements data in the order in which it appears in the IKEv2 message by calling the corresponding procedure determined by the value of the "Next Payload" field in the IKEv2 header, then the value of the "Next Payload" field in the first IKEv2 data element, and so on, until a zero value is found in the "Next Payload" field, indicating that there is no next data element	provided/not provided
					the header is followed by one or more IKEv2 data elements, identified by the value of the "Next Payload" field of the previous data element	provided/not provided
					last element in the packet - Encrypted element (it is not permissible to include other Encrypted elements in encrypted elements)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.683.					Protocol message starts with header	enabled/disabled IKEv2
1.684.	The program and methodology for type conformity testing, approved by the SPbGUT Certification Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Format IKEv2 header format, fields; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	"Exchange Tour" (IKE_SA_INIT, IKE_AUTH, CREATE_CHILD_SA, INFORMATIONAL, Reserve IANA, Reserve for Private Use Only)	provided/not provided
					"Flags"	provided/not provided
					"Initiator's SPI"	provided/not provided
					"Length"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.684					"Message ID"	Provided/Not provided
					"Mj Ver"	provided/not provided
					"Mn Ver"	provided/not provided
					"Next Payload"	provided/not provided
					"Responder's SPI"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.685.	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols of the LTE standard (orders of the Ministry of of Russia dated 27.08.2007 No. of 31.05.2007 No. 58, orders Ministry of Communications of 21.03.2017 No. 129, from 14.09.2010 No. 124), Structure base element header Data (payload) IKEv2; Other research (testing); methods of other Research (testing) without specification	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.**1** 1O	8517	field "C"	provided/not provided
					"Next element identifier" field (Next element identifier is element, Reserve, Context security, Exchange keys, Identifier the initiator, Identifier of the responsible party, Certificate request, Identification, Random number, Notification, Deletion, Identifier Implementation, Selector traffic - Initiator, Traffic selector - Respondent, Encoding, Configuration, Extensible Identification, IANA Reserve IANA, For Private use)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.685					"Current size" field element"	provided/not provided
					"Reserve" field	provided/not provided
					data elements	provided/not provided
1.686.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Structure	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	data usage Security Association Payload (SA) for coordinating secure communication attributes	provided/not provided
					several proposals, ordered in descending order of priority in the SA element; several IPsec protocols (IKEv2, ESP, AH) in each proposal; multiple	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.686.	of the "Proposals" (SA) data element of the IKEv2 protocol; Other research (testing); methods of other research (testing) without specification				Transformations in each protocol; several attributes in each transformation	
					first octet: information about whether the offer is final	secured/unsecured
					"SPI of the transmitting party" field	secured/unsecured
					"Proposal length" field	provided/not provided
					"SPI value" field	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.686					"Identifier" field Protocol	provided/not provided
					"Proposal number" field	Provided/Not provided
					"Transformation structure" field	provided/not provided
					"Number of conversions" field	provided/not provided
1.687.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	first octet: information whether conversion by the last in the sentence	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.687	(Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Format IKEv2 protocol "Transformation Structure" fields; Other studies (tests); Methods of other studies (tests) without specification				"Attributes" field conversion": the "Attribute Type" field (Reserved, Variable Length Encryption Key Length, Reserved, IANA Reserved, For Private Use); the "Attribute Length" field; the "Attribute Value" field	provided/not provided
					"Conversion length" field	provided/not provided
					"Transformation identifier" field	provided/not provided
					"Reserve" field	provided/not provided

N No.	Documents establishing rules and methods for studies (tests) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.687					"Conversion type" field (Reserve, Encryption Algorithm (ENCR), Pseudo-random Function (PRF), Integrity Algorithm (INTEG), Diffie-Hellman Group (D-H), Extended Sequence Numbers (ESN), IANA Reserve, Private Use)	Provided/Not provided
1.688.	Program and methodology for type conformity testing, approved by the SPbGUT Certification Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, No. 14.09.2010 No. 124), Format Data element Key exchange (KE) for exchanging Diffie-Hellman (DH) protocol open numbers when exchanging DH keys; Other research (testing); methods of other	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	field "Exchange data keys"	provided/not provided
					"DH group number" field	provided/not provided
					"Reserve" field	provided/not provided
					creation of a KE data element by copying the open DH value in the "Exchange data" field keys"; size	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.688.	(tests) without clarification				The open value DH is equal to the size of the primary module for which the exponentiation is performed, supplemented with zeros at the beginning if necessary.	
1.689.	The program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Format Elements Initiator identifier (IDi) and responder identifier (IDr) of the IKEv2 protocol, fields; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	"Identifier data"	provided/not provided
					"Reserve"	provided/not provided
					"Identification type"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.690	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Format Data element IKEv2 protocol certificate; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.1 1O	8517	Provision of methods transmission of certificates or other identification-related information via IKE using the Certificate data element; inclusion of the Certificate data element in the exchange if the certificate is available to the sender before the partner indicates the possibility of obtaining identification information by other means using the Notification data element NTTR_ CERT_ LOOKUP_ SUPPORTED	provided/not provided
					"Certificate Data" field	provided/not provided
					"Certificate Type" field (Reserve, X.509 Certificate with PKCS, PGP Certificate, Signed DNS Key, X.509 Certificate -	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.690					Signature, Kerberos marker, Certificate revocation list (CRL), ARL, Simple public key infrastructure (SPKI) certificate, X.509 certificate attribute, RSA public key cryptographic algorithm key pair, X.509 certificate hash and URL, Hash and URL of X.509 bundle, IANA reserve, For private use)	
1.691.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), IKEv2 Protocol; Certificate Request data element format,	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	"Certificate type"	provided/not provided
					"Certification center"	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.691.	fields; Other research (testing); methods of other research (testing) without specification					
1.692	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Format Data element Identification of the IKEv2 protocol, fields; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	"Identification data"	provided/not provided
					"Identification method": RSA digital signature, Shared Key Message Integrity Code, DSS	provided/not provided
					"Reserve"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.693	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders Ministry of Communications and Mass Media of Russia dated March 21, 2017 No. 129, dated 14.09.2010 No. 124), IKEv2 protocol; data element Random number; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	**8517**	single variable field containing random value generated by the transmitting party; element size: in the range from 16 to 256 octets inclusive; reuse of the Random Number value is not permitted	provided/not provided size,
					Reuse of the Random Number value is not permitted	provided/not provided
1.694.	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	**8517**	**"SPI"**	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (Indicator)	Detection range
1.694.	of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), IKEv2 protocol; data element format for service information transfer Notification, fields; Other studies (tests); methods of other studies (tests) without specification				"Notification data"	provided/not provided
					"Protocol identifier"	Provided/Not provided
					"SPRG size"	Provided/Not provided
					"Notification type"	provided/not provided
1,695.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	"Protocol identifier"	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.695.	(Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), IKEv2 protocol; data element format for service information transmission Deletion, fields; Other studies (tests); methods of other studies (tests) without specification				"Index of parameters Safety Performance Index (SPI)	provided/not provided
					"Number of SPI"	provided/not provided
					"Size of SRG'	provided/not provided
1.696.	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124),	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	one variable field containing a unique manufacturer identifier	provided/not provided size,

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.696	IKEv2 protocol; data element for service information transfer Implementation identifier; Other research (testing); other research (testing) methods without specification					
1.697	Program and methodology Confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 49. Verification methodology compliance with requirements for interfaces and protocols LTE standard switching (orders of the Ministry of Communications of 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 14.09.2010 No. 124), IKEv2 protocol; format data element format for transmission of service information Traffic selector , fields; Other research (tests); methods of other research (testing)	Equipment communication; Communication equipment, performing the function switching systems;	26.30; 26.30.11.110	8517	"Number of selectors traffic"	provided/not provided
					"Reserve"	is ensured/not ensured
					"Traffic selector"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.697.						
1.698.	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols of the LTE standard (orders of the Ministry of of 27.08.2007 No. 101, No. 58 dated May 31, 2007, of the Ministry of Communications of Russia dated 14.09.2010 No. 124), IKEv2 protocol; format data element format for transmission of service information Encoding (Encrypted, E), fields; Other research (testing); methods of other research (testing) without clarification	Equipment communication; Communication means, Performing the function switching systems;	26.30;26.30.11.110	8517	"Initialization Vector"	provided/not provided
					"Integrity Checksum Data"	is ensured/not ensured
					"Pad Length"	provided/not provided
					"Padding"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.698					"IKE data"	Provided/Not provided
1.699	Program and methodology Confirmation tests type conformity, approved by the SPbGUT 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols of the LTE standard (orders of the Ministry of of 27.08.2007 No. 101, No. 58 dated May 31, 2007, of the Ministry of Communications of Russia dated 14.09.2010 No. 124), IKEv2 protocol; format data element format for transmission of service information Configuration (SR), fields; Other research (tests); methods of other research (testing) without specification	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.110	8517	"Configuration attributes"	provided/not provided
					"Reserve"	provided/not provided
					"Type of exchange"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.700	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), IKEv2 protocol; data element format for service information transfer Extensible Authentication (EAP) allowing IKE_SA authentication using the EAP protocol. EAP data element format, fields; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.**1** 1O	8517	**"Data"**	provided/not provided
					"Length"	provided/not provided
					"Identifier"	provided/not provided
					"Code"	provided/not provided
					"Type" (identity, notification, responses only, MD5 call, one-time password, basic type token card)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.701	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Providing protection services between a pair of interacting IP network elements; using the IPSec protocol identification header (AH) to ensure the integrity of IP datagrams and identify the source of data without establishing special connections and protecting against packet reuse;Other research (testing); other research (testing) methods without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	in combination with ESP	provided/not provided
					by attachment	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.701						
1.702	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Format IPSec protocol AN identification header format, fields; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	"Authentication data"	data provided/not provided
					"Header length"	provided/not provided
					"Security parameter identifier" (SPI)	provided/not provided
					"Sequence number"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.702					"Reserve"	Provided/Not provided
					"Next heading"	provided/not provided
1.703.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Location of the AN header (in transport mode and tunnel mode) of the IPSec protocol; Other research (testing); methods of other	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	protection of the original IP packet entirely (including its header) in tunnel mode with the AN header	provided/not provided
					placement of the AN between the IP header and the transport layer header or before other IPsec headers when present in tunnel mode	provided/not provided
					placement of AN after the IP header (after all IP header options), but before the next layer protocol header when using IPv4	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.703.	(tests) without specification				placement of AN after headers and extensions when using IPv6	provided/not provided IP
					location of options recipient before heading AN, after it or on both sides in the extended heading	provided/not provided
1.704.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), IPSec protocol; use of the ESP (IP Encapsulating Security Payload) protocol to ensure data integrity and confidentiality	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	provided in the protocol ESP simultaneous or separate use of authentication and cryptographic protection functions	provided/not provided
					use for encrypting transport layer packets (e.g., TCP, UDP, ICMP, IGMP) or IP datagrams fully	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.704.	by encrypting them; Other research (testing); methods of other research (testing) without specification					
1.705.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), IPSec Protocol; for ESR Protocol; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	possibility of maintenance ESP anywhere between the IP header and the final transport layer protocol	provided/not provided
					use of IANA identifier 50	provided/not provided
					presence in the header immediately preceding the ESP header of a value equal to "50" in the "Next Header" field for IPv6 or "Protocol" for IPv4	Provided/Not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.705.					ESP composition: unencrypted header, followed by encrypted data	provided/not provided
					~~encrypted data,~~ including protected ESP header fields and protected user data: IP datagram or higher-level protocol packet	~~secured/unsecured~~
1.706.	Type conformity testing program and methodology, approved by the SPbGUT IC 1O.O 1 .2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, No. 14.09.2010 No. 124), Format ESP header format, fields; Other research (testing); methods of other	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	"Authentication data"	data"
					"Data"	provided/not provided
					"Filler length"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Range of determination
1.706	(tests) without specification				"Filler"	provided/not provided
					"Security Parameter Identifier (SPI)"	Provided/Not provided
					"Sequence number"	Provided/Not provided
					"Next header"	provided/not provided
1.707.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Implementation of tunnel ; creation of a new IP header as an external header in tunnel mode; placement of the ESP header before the header of the original IP packet;	mode in security gateways

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.707.	(Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Location of the ESP header (in transport mode and in tunnel mode); Other studies (tests); methods of other studies (tests) without specifying				encryption of the entire source IP packet and the final part of the ESP header; external IP packet header not protected by the ESP protocol transportation encrypted data between hosts in transport mode; remaining external header of the original IP packet; placement of the ESP header in the transmitted packet between the third and fourth level protocol headers; encryption of only the data of the original IP packet and the final part of the ESP header; unencrypted IP packet header, "SPI" and "Sequence Number" fields in ESP transport mode	provided/not provided for

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.708	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Diameter protocol messages when implementing S6b interfaces, defined by the application identifier (Auth- Applicatioп-Id) equal to "16777272"; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.**1** 1O	8517	Diameter-EAP-Answer (DEA)	provided/not provided
					Diameter-EAP-Request (DER)	provided/not provided
					Emergency session termination. Request (Abort Session Request, ASR)	provided/not provided
					Emergency session termination. Response (Abort Session Answer, ASA)	provided/not provided
					Session information. Request (AA-Request, AAR)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.708					Session information. Response (AA-Answer, AAA)	Provided/Not provided
					Authorization data update. Request (Re-Auth-Request, RAR)	Provided/Not provided
					Authorization data update. Response (Re-Auth-Answer, RAA)	provided/not provided
					End of session. Request (Session-Termination-Request, STR)	provided/not provided
					Session termination. Response (Session-Termination-Answer, STA)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.709	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Diameter protocol messages when implementing SWx interfaces, defined by Auth- Application-Id equal to "16777265";Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.1 1O	8517	Authentication when multimedia session. Request. (Multimedia Authentication Request, MAR)	provided/not provided
					Authentication during a multimedia session. Response (Multimedia Authentication Answer, MAA)	provided/not provided
					Profile update. Request. (Push-Profile-Request, PPR)	provided/not provided
					Profile update. Response. (Push-Profile-Answer, PPA)	provided/not provided
					Registration termination. Request. (Registration Termination Request, RTR)	Provided/Not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.709					End of registration. Response (Registration Termination Answer, RTA)	provided/not provided
					Server registration. Request. (Server-Assignment-Request, SAR)	Provided/Not provided
					Server registration. Answer. (Server-Assignment-Answer, SAA)	provided/not provided
1.710	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124),	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Diameter-EAP-Answer (DEA)	provided/not provided
					Diameter-EAP-Request (DER)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Object name	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.710	Diameter protocol messages when implementing SWm interfaces, defined by Auth- Application-Id equal to "16777264";Other research (testing); methods of other research (testing) without specification				Emergency termination session. Request (Abort Session Request, ASR)	provided/not provided
					Emergency termination of session. Response (Abort Session Answer, ASA)	Provided/Not provided
					Session information. Request (AA-Request, AAR)	provided/not provided
					Session information. Response (AA-Answer, AAA)	Provided/Not provided
					Authorization data update. Request (Re-Auth-Request, RAR)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.710.					Data update Authorization. Response (Re-Auth-Answer, RAA)	provided/not provided
					End of session. Request (Session-Termination Request, STR)	Provided/Not provided
					End of session. Answer (Session Termination Answer, STA)	authorization granted/not granted
1.711	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124),	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Diameter-EAP- Answer (DEA)	provided/not provided
					Diameter-EAP-Request (DER)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Object name	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.711	Diameter protocol messages when implementing STa interfaces, defined by Auth- Application-Id equal to "16777250";Other research (testing); methods of other research (testing) without specification				Emergency termination session. Request (Abort Session Request, ASR)	provided/not provided
					Emergency termination of session. Response (Abort Session Answer, ASA)	Provided/Not provided
					Session information. Request (AA-Request; AAR)	provided/not provided
					Session information. Response (AA-Answer, AAA)	Provided/Not provided
					Authorization data update. Request (Re-Auth-Request, RAR)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.711.					Data update Authorization. Response (Re-Auth-Answer, RAA)	provided/not provided
					End of session. Request (Session-Termination Request, STR)	Provided/Not provided
					End of session. Answer (Session Termination Answer, STA)	Authorization granted/not granted
1.712.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, No. September 14, 2010, No. 124),	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	protocol messages Diameter when implementing SWd interfaces	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.712	Diameter protocol messages when implementing SWd interfaces; Other research (testing); Methods of other research (testing) without specification					
1.713	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Diameter protocol messages when implementing SWa interfaces defined by Auth- Application-Id equal to "16777250";Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Diameter-EAP-Answer (DEA)	provided/not provided
					Diameter-EAP-Request (DER)	provided/not provided
					Emergency session termination. Request (Abort Session Request, ASR)	provided/not provided
					Emergency session termination. Response (Abort Session Answer, ASA)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.713.					Session information. Request (AA-Request, AAR)	provided/not provided
					Session information. Response (AA-Answer, AAA)	Provided/Not provided
					Authorization data update. Request (Re-Auth-Request, RAR)	Secured/Not secured
					Authorization data update. Response (Re-Auth-Answer, RAA)	provided/not provided
					End of session. Request (Session Termination Request, STR)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.713.					End of session. Response (Session Termination Answer, STA)	provided/not provided
1.714.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Data in HSS when implementing non-3GPP access; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	IP addresses for which Traces are formed (IP address of Trace Collection Entity)	provided/not provided
					Data transmission network address (PDN Address)	provided/not provided
					Data on the mobility protocol used (MIP Subscriber profile)	provided/not provided
					Non-3GPP user data (Non 3GPP User Data)	provided/not provided

N No.	Documents establishing rules and methods for research **(testing) and measurements**	**Name of object**	**Code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Identification range**
1.714					Identifier ZGPR AAA Server (ZGPR AAA Server Identity)	provided/not provided
					PDN GW identifier (PDN GW identity)	Provided/Not provided
					Visited Network Identifier	provided/not provided
					International Mobile Subscriber Identity (IMSI)	provided/not provided
					International MS number in the ISDN network (MSISDN)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.714 provided					Parameters for authentication in the LTE network (RAND, XRES, KASME, AUTN)	authentication provided/not
					Parameters for authentication in the UMTS network (RAND, XRES, SK, IK, AUTN)	provided/not provided
					User billing parameters (Subscribed Charging Characteristics)	provided/not provided
					Parameters specified in traces (Triggering events)	provided/not provided
					List of network element interfaces for which traces are generated (List of interfaces to trace)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.714					Detailed description of trace 2 (Trace Reference 2)	Provided/Not provided
					Permanent u s e r identity	provided/not provided
					Access point name profiles (APN-Configuration- Profile)	Provided/Not provided -
					VPLMN Address Allowed	provided/not provided
					Network Access Mode	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.714					List of network elements in which traces are collected (List of NE types to trace)	provided/not provided
					Radio access technology type (RAT type)	provided/not provided
					Total maximum transmission speed specified in the subscription for the access point (Subscribed APN-AMVR)	provided/not provided
					Trace depth level (Tgase depth)	provided/not provided
					EPS PDN Connection Charging Characteristics	Provided/Not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.715	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Data in MME when implementing non-3GPP access; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.**1** 1O	8517	PDN GW identifier (PDN GW identity)	provided/not provided
					Diameter Server Identity of HSS	provided/not provided
					GRE key for the upstream direction of the S5 interface (Uplink S5 GRE Key)	provided/not provided
					GRE key for S8 interface uplink (Uplink S8 GRE Key)	provided/not provided
					International Mobile Subscriber Identity (IMSI)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.715					International MS number the ISDN network (MSISDN)	Provided/not provided in
					Permitted address the visiting network (VPLMN Address Allowed)	provided/not provided by
1.716.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, No. 14.09.2010 No. 124), Data in S-GW when implementing non-3GPP access; Other research (testing); Methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Router address 1Pv4 Default Router Address	provided/not provided
					Data transfer network address (PDN Address)	provided/not provided
					Mobile Node Identifier	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.716					Connection identifier PDN (PDN Connection ID)	Provided/Not provided
					GRE key for the uplink S5 interface (Uplink S5 GRE Key)	provided/not provided
					GRE key for the uplink direction of the S8 interface (Uplink S8 GRE Key)	provided/not provided
					GRE key for the downlink direction of the S5 interface (Downlink S5 GREKey)	provided/not provided
					GRE key for the downlink of the S8 interface (Downlink S8 GRE Key)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.716					S2a interface GRE keys (S2a GRE Keys)	Provided/Not provided
					S2b GRE interface keys (S2b GRE Keys)	provided/not provided
					Link-local address	provided/not provided
					International Mobile Subscriber Identity (IMSI)	provided/not provided
					International MS number in ISDN network (MSISDN)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Identification range
1.716					Unauthenticated IMSI (Unauthenticated IMSI)	provided/not provided
					Permanent u s e r identity	Provided/Not provided
					Radio access technology type (RAT type)	Provided/Not provided
1.717.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, No. 14.09.2010 No. 124), Data in	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	IP addresses for which traces are generated (IP address of Trace Collection Entity)	traces are provided/not provided
					Default router address in 1Pv4 format (1Pv4 Default Router Address)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code 2	EAEU HS code	Defined characteristic (indicator)	Identification range
1.717.	P-GW when implementing non-ZGPP access; Other research (testing); Methods of other research (testing) without specification				Transmission network address (IP Address)	provided/not provided
					Mobility capabilities for non-ZGRR access (Mobility Capabilities)	provided/not provided
					Selected IP mobility mode	provided/not provided
					Data on the mobility protocol used (MIP Subscriber profile)	Provided/Not provided
					ZGRR AAA Server Identifier (ZGRR AAA Server Identity)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Scope of definition
1.717					EPS identifier (EPS Bearer ID)	provided/not provided
					Visited Network Identifier	Provided/Not provided
					PGW F tunnel endpoint identifier for S2b (user plane) (PGW F-TEID for S2b (user plane))	provided/not provided
					PGW F tunnel endpoint identifier for S2b (control plane) (PGW F-TEID for S2b (control plane))	provided/not provided
					ePDG F tunnel endpoint identifier for S2b (user plane) (ePDG F-TEID for S2b (user plane))	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.717					Identifier of final tunnel endpoint ePDG F for S2b (control plane) (ePDG F-TEID for S2b (control plane))	provided/not provided
					Mobile Node Identifier	provided/not provided
					PDN Connection ID	provided/not provided
					Maximum transmission speed used for access point (Used APN-AMVR)	provided/not provided
					Access point in use (APN in Use)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.717					Quality of service EPS (EPS Bearer QoS)	provided/not provided
					GRE key for the uplink of the S5 interface (Uplink S5 GRE Key)	Provided/Not provided
					GRE key for the uplink direction of the S8 interface (Uplink S8 GRE Key)	provided/not provided
					GRE key for S5 interface downlink (Downlink S5 GRE Key)	provided/not provided
					GRE key for the downlink of the S8 interface (Downlink S8 GRE Key)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.717					S2a interface GRE keys (S2a GRE Keys)	Provided/Not provided
					S2b GRE interface keys (S2b GRE Keys)	provided/not provided
					Link-local address	provided/not provided
					Master session key	provided/not provided
					International Mobile Subscriber Identity (IMSI)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.717					International MS number in the ISDN network (MSISDN)	provided/not provided
					Unauthenticated IMSI (Unauthenticated IMSI)	Provided/Not provided
					Parameters specified in traces (Triggering events)	provided/not provided
					List of network element interfaces for which traces are generated (List of interfaces to trace)	provided/not provided
					Detailed description of trace 2 (Trace Reference 2)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.717					Permanent identifier (Permanent user identity)	Provided/Not provided
					Access point name profiles (APN-Configuration- Profile)	provided/not provided -
					Radio access technology type (RAAT type)	Provided/Not provided
					Total maximum transfer speed specified in the subscription for the access point (Subscribed APN-AMBR)	provided/not provided
					Trace depth	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.717					Accounting characteristics connection cost PDN (EPS PDN Connection Charging Characteristics)	Provided/Not provided EPS
1.718.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Data in ePDG when implementing pop-3GPP access; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	Transmission network address data (PDN Address)	provided/not provided
					Mobility capabilities for non-3GPP access (Mobility Capabilities)	provided/not provided
					Selected IP mobility mode	provided/not provided
					Non-3GPP user data	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic to be determined (Indicator)	Identification range
1.718.					Identifier ZGPR AAA Server (ZGRR AAA Server Identity)	provided/not provided
					EPS identifier (EPS Bearer ID)	Provided/Not provided
					PDN GW identity	provided/not provided
					Visited Network Identifier	provided/not provided
					PGW F tunnel endpoint identifier for S2b (user plane) (PGW F-TEID for S2b (user plane))	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.718					Identifier of final PGW F tunnel end point for S2b (control plane) (PGW F-TEID for S2b (control plane))	provided/not provided
					Tunnel endpoint identifier ePDG F for S2b (user plane) (ePDG F-TEID for S2b (user plane))	provided/not provided
					ePDG F tunnel endpoint identifier for S2b (control plane) (ePDG F-TEID for S2b (control plane))	provided/not provided
					PDN Connection ID	provided/not provided
					Access Point Name in Use (APN in Use)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Range of determination
1.718.					Quality of service EPS (EPS Bearer QoS)	provided/not provided
					S2a GRE Keys	Provided/Not provided
					S2b GRE interface keys (S2b GRE Keys)	provided/not provided
					Master session key (Master session key)	provided/not provided
					International Mobile Subscriber Identity (IMSI)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.718					International MS number in the ISDN network (MSISDN)	provided/not provided
					User billing parameters (Subscribed Charging Characteristics)	Provided/Not provided
					Permanent user identity	provided/not provided
					Access point name profiles (APN-Configuration-Profile)	Provided/Not provided -
					VPLMN Address Allowed	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.718					Technology type Radio access (RAT type)	provided/not provided
					Total maximum transmission speed specified in the subscription for the access point (Subscribed APN-AMBR)	Provided/Not provided
					EPS PDN connection cost accounting characteristics (EPS PDN C01section Charging Characteristics)	Provided/Not provided
1.719.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Data in	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	MAG gateway IP address (MAG IP address)	provided/not provided
					IP addresses for which traces are generated (IP address of Trace Collection Entity)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	TN VED EAEU code	Defined characteristic (indicator)	Detection range
1.719	ZGPP AAA server when implementing non-ZGPP access; Other research (testing); Methods of other research (testing) without specification				Transmission network address (IP Address)	provided/not provided
					Mobility capabilities for non-ZGRR access (Mobility Capabilities)	Provided/Not provided
					Selected IP mobility mode	enabled/not enabled
					EAP authentication data (EAP payload)	provided/not provided
					Non-ZGRR user data	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.719					PDN GW identifier (PDN GW identity)	provided/not provided
					Visited Network Identifier	Provided/Not provided
					Diameter Server Identity of HSS	provided/not provided
					Master session key	provided/not provided
					International MS number in the ISDN network (MSISDN)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.719					Parameters for LTE network authentication (RAND, XRES, CASME, AUTN)	provided/not provided
					Parameters for authentication in the UMTS network (RAND, XRES, SK, IK, AUTN)	Provided/Not provided
					User billing parameters (Subscribed Charging Characteristics)	Provided/Not provided
					Parameters specified in traces (Triggering events)	provided/not provided
					List of network element interfaces for which traces are generated (List of interfaces to trace)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.719					Detailed description of trace 2 (Trace Reference 2)	Provided/Not provided
					Permanent u s e r identity	provided/not provided
					Access point name profiles (APN-Configuration- Profile)	Provided/Not provided -
					VPLMN Address Allowed	provided/not provided
					Network Access Mode	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.719					List of network elements in which traces are collected (List of NE types to trace)	provided/not provided
					Radio access technology type (RAT type)	provided/not provided
					The total maximum transfer speed specified in the subscription for the access point (Subscribed APN-AMBR)	provided/not provided
					Trace depth level (Tgase depth)	provided/not provided
					EPS PDN connection charging characteristics	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.720	Program and methodology Confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 49. Verification methodology compliance with requirements for interfaces and protocols switching interfaces and protocols (Orders of the Ministry of Communications of of 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 14.09.2010 No. 124), Data in 3GPP AAA proxy server when implementing non-3GPP access; Other research (testing); methods of other research (testing) without specification	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	Data in 3GPP AAA proxy server	provided/not provided
1.721.	Program and methodology confirmation tests type conformity, approved by the SPbGUT Certification Authority 10.01.2017. Appendix 49. Methodology for testing for compliance with interfaces and protocols of the LTE standard (orders of the Ministry of Communications	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.11O	8517	application for authentication and key agreement UMTS users at universal assistance identification module subscriber (USIM)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.721.	of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Application of EAP-ACA protocols; Other studies (tests); Methods of other studies (tests) without specification					
1.722.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Format EAP packet format, fields; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	"Code": request; response (Response); confirmation (Success); failure (Failure)	provided/not provided
					"Data"	provided/not provided
					"Length"	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.722.					"Identifier"	provided/not provided
1.723.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Format EAP Request, Response packets, fields; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	"Code"	provided/not provided
					"Data": "Subtype" field, "Reserve" field, and "Attributes" fields	provided/not provided
					"Length"	provided/not provided
					"Identifier"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.723					"Type": 23 for EAR packages AKA, 50 for EAR-AKA'	provided/not provided by
1.724.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Package EAP-Request/AKA-Identity (subtype: 5), containing one of the attributes; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	AT_ANY_ID_REQ	provided/not provided
					AT_FULLAUTH_ID_REQ	provided/not provided
					AT_PERMANENT_ID_REQ	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.725	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Package EAP-Response/ AKA-Identity containing attribute; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	AT IDENTITY	provided/not provided
1.726.	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101,	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	AT AUTN	provided/not provided
					AT MAS	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.726.	No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Package EAP-Request/AKA-Challenge (subtype: 1), containing attributes; Other studies (tests); methods of other studies (tests) without specification				AT RAND	provided/not provided
1.727.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Response in the EAP-Response/AKAChalenage packet containing attributes; Other research (testing); methods of other research (testing)	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	AT MAS	provided/not provided
					AT RES	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.727						
1.728	Program and methodology confirmation tests type conformity, approved by the SPbGUT Certification Center 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols of the LTE standard (Orders of the Ministry of Communications of of 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 14.09.2010 No. 124), Package EAP-Response/ AKA-Authentication-Reject (subtype: 2); Other research (tests); methods of other research (testing) without specification	Equipment Communication; Communication means, Performing the function switching systems;	26.30;26.30.11.110	8517	EAP-Response/ AKA Authentication-Reject	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.729	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 49. Verification methodology for compliance with interfaces and protocols of the LTE standard (Orders of the Ministry of Communications of of 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 14.09.2010 No. 124), Package EAP-Response/AKA-Synchronization-Failure (subtype: 4), containing attribute; Other research (tests);methods of other research (testing) without specification	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.11O	8517	AT AUTS	provided/not provided
1.730.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols of the LTE standard	Equipment communication; Communication devices, Performing the function switching systems;	26.30;26.30.11.110	8517	AT MAS	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.730	(Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Package EAP-Request/AKA-Reauthentication (subtype: 13), containing the attribute; Other research (testing); methods of other research (testing) without specification					
1.731.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), EAP-Response/AKA-Reauthentication containing attributes; Other research (testing);	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	AT ENCR DATA - -	provided/not provided
					AT IV	provided/not provided
					AT MAS	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.731.	Other research (testing) methods without specification					
1.732	Program and methodology Confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols of the LTE standard (Orders of the Ministry of Communications of of 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 14.09.2010 No. 124), Package EAP-Response/ AKA-Client Error (subtype: 14), containing attribute; Other research (tests); methods of other research (testing) without specification	Equipment communication ; Communication equipment, performing the function switching systems;	26.30;26.30.11.110	8517	AT_ CLIENT_ ERROR_ COD E	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.733	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols of the LTE standard (Orders of the Ministry of Communications of of 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 14.09.2010 No. 124), Package EAP-Request/AKA-Notification (subtype: 12), containing attribute; Other research (tests); methods of other research (testing) without specification	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	**8517**	AT NOTIFICATION AT MAS	provided/not provided
1.734.	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols of the LTE standard (orders of the Ministry of Communications	Equipment communication; Communication tools, performing the function switching systems;	26.30;26.30.11.11O	**8517**	AT_ ENCR_ DATA	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.734.	of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Package EAP-Response/ AKA Notification containing attributes; Other studies (tests); methods of other studies (tests) without specification				AT IV	provided/not provided
1.735.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Key generation using a function; Other research (testing); methods of other research (testing)	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	SNA-1 for EAR protocol AKA	provided/not provided
					SHA-256 for EAP-AKA protocol	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1,735.						
1.736.	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols of the LTE standard (orders of the Ministry of of 27.08.2007 No. 101, No. 58 dated May 31, 2007, of the Ministry of 21.03.2017 No. 129, dated 14.09.2010 No. 124), Use of the EAP-AKA' new attributes; Other research (tests); methods of other research (testing) without specification	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.110	8517	AT KDF	provided/not provided
					AT KDF INPUT	met/not met

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.737	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), Messages for interaction between the subscriber data server and/or HSS/AnS and HSM authentication center, performing cryptographic functions for subscriber authentication; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.1 10	8517	request from HSS/AnS authentication information (Authentication Crypto Request, ACR) (information elements: Code; K; AMF; SQN; AIR-Filler)	provided/not provided
					request from HSS/AnC authentication information during resynchronization (Resynchronization Crypto Request, RCR) (information elements: Code; K; RAND; Conc (SQNms))	provided/not provided
					HSM response with authentication information (Authentication Crypto Answer, ACA) (information elements: Code; Authentication Vector)	provided/not provided
					HSM response with authentication information during resynchronization (Resynchronization Crypto	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.737					Answer, RCA) (information elements: Code; XMASS; SQNms)	
1.738	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), HSS/AuC when implementing the protocol for interaction with the NSM; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	waiting for each of the sent request response from HSM within the time set during configuration	provided/not provided
					sending a request to HSM to generate authentication data	provided/not provided
					setting a unique message sender address for each sent request in accordance with the Level 4 interaction protocol (User Datagram Protocol - UDP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.739	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), HSM when implementation of the protocol for interaction with HSS/AuC; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.**1** 1O	8517	system notification of refusal to respond by disconnecting the interface at the physical level of interaction	provided/not provided
					refusal to respond when receiving incorrect requests from HSS/AuC	provided/not provided
					receipt of a correct request from HSS/AuC for the generation of authentication data, processing of the request, and transmission of the response to HSS/ALIC	provided/not provided
					match between the recipient address specified in the response and the address specified in the sender's request, according to the Level 4 interaction	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.740.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, and 14.09.2010 No. 124), AUC interaction with HSM; implementation of a Level 4 interaction protocol with consideration; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	protection against against unauthorized access to information transmitted in messages in accordance with the Level 4 interaction protocol	provided/not provided
					Use of UDP ports from the range 49152 - 65535 for addressing requests and responses in accordance with the Level 4 interaction protocol	provided/not provided
					Identical addresses for response recipients and response senders according to the Level 4 interaction protocol in HSS/AuC and HSM configurations, respectively	provided/not provided
1.741.	Type conformity testing program and methodology, approved by the SPbGUT IC on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Authentication Crypto Answer - ACA (2)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.741.	(Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Values of information message codes when HSS/AuC interacts with HSM; Other studies (tests); methods of other studies (tests) without specification				Authentication Crypto Request without using AK-ACR(0)	provided/not provided
					Authentication Crypto Request using AK-ACR(I)	Provided/Not provided
					Resynchronization Crypto Answer RCA (6)	provided/not provided
					Resynchronization Crypto Request without using AK-RCR(4)	provided/not provided
					Resynchronization Crypto Request using AK-RCR(5)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.742	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Composition LTE standard equipment; Other research (testing); Methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.**1** 1O	8517	hardware module security (HSM)	provided/not provided
					Mobility Management Entity (MME)	provided/not provided
					3GPP AAA proxy server equipment	provided/not provided
					3GPP AAA server equipment	provided/not provided
					IMS switching equipment performing media gateway functions (IMS MGW)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.742.					Switching equipment IMS performing subscription location function (SLF)	provided/not provided
					IMS switching equipment performing transition gateway (TrGw) functions	Provided/Not provided
					IMS switching equipment performing multimedia resource processor (MRFP) functions	provided/not provided
					IMS switching equipment performing IMS home subscriber server (HSS/IMS) functions	provided/not provided
					IMS switching equipment performing network selection control functions (BGCF)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.742					Switching equipment IMS performing media gateway control functions (MGCF)	provided/not provided
					IMS switching equipment performing border interaction control functions (IBCF)	Provided/Not provided
					IMS switching equipment performing media resource control functions (MRCF)	provided/not provided
					IMS switching equipment performing session control functions (CSCF), when using a CSCF proxy server (P-CSCF) serving the CSCF (S-CSCF) and requesting the CSCF (1-CSCF)	provided/not provided
					IMS switching equipment performing data accounting functions for billing (CCF)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.742.					Switching equipment IMS performing subscriber access gateway functions (IMS-AGW)	Provided/Not provided
					switching equipment IMS performing signaling gateway functions (SGF)	provided/not provided
					Equipment performing functions of access to LTE standard switching equipment from the Internet using UTWAN access (ePDG)	provided/not provided
					equipment implementing policy and charging rules functions (PCRF)	provided/not provided
					Equipment implementing the Diameter Agent (DA) function	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Characteristic being determined (Indicator)	Identification range
1.742						provided/not provided
					Serving node GPRS support (Serving GPRS Support Node, SGSN)	
					Serving Gateway (S-GW)	Provided/Not provided
					Equipment Identity Register (EIR)	provided/not provided
					Home Subscriber Server/Authentication Center (HSS/AuC)	provided/not provided
					control and maintenance center (CC&M)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.742.					Gateway for interaction with networks using packet switching technology (Packet Data Networks Gateway, P-GW)	Provided/Not provided
1.743	Program and methodology testing confirmation type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols LTE standard switching (orders of the Ministry of Communications Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 14.09.2010 No. 124), The possibility of building with territorially distributed structure; Other research (testing); methods of other research (testing) without specification	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	possibility of construction with territorial distributed structure	provided/not provided
					the possibility of conducting ORM independently in each territorially administrative on education	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.744	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 49. Methodology for testing for compliance with interfaces and protocols of the LTE standard (Orders of the Ministry of Communications of of 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 14.09.2010 No. 124), Possibility of using of communications node equipment ; Other research (tests); methods of other research (testing) without specification	Equipment communication; Means of communication, performing the function of switching systems;	26.30;26.30.11.11O	8517	Possibility of use communication node equipment one or more network operators fixed telephone communication	provided/not provided
1.745.	Program and methodology confirmation tests type correspondence, approved by the SPbGUT IC 10.01.2017. Appendix 49. Verification methodology fulfillment of requirements for interfaces and protocols switching interfaces and protocols standard switching interfaces and protocols	Equipment communication; Communication means, performing the function of switching systems;	26.30;26.30.11.11O	8517	Protocol key transmission GRE to S-GW via S10/S **11** interfaces for data transmission via upstream communication line in in the event of UE relocation from CN node	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.745.	Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Functions of MME equipment in the implementation of non-3GPP access; Other research (testing); methods of other research (testing) without specification					
1.746.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Functions of S-GW equipment when implementing non-3GPP access; Other research (testing); methods of other	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	Generation and distribution GRE protocol keys for each downstream data connection from P-GW to S-GW when implementing S5 and S8 interfaces with the PMIPv6 protocol	provided/not provided
					Notification of PCRF about changes occurring when UE transitions to a new radio access technology	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.746.	(tests) without specification				Implementation of generation and Distribution of GRE protocol keys for encapsulating data packets for each uplink data connection from S-GW when implementing S2a/S2b interfaces with the PMIPv6 protocol	provided/not provided
					Traffic control from UE	provided/not provided
					Exchange of Router Solicitation (RS) and Router Advertisement (RA) messages of the NDP protocol when implementing S5 and S8 interfaces with the PMIPvb protocol	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Definition range
1.746.					Exchange of of "Neighbor Solicitation" and "Neighbor Advertisement" messages of the NDP protocol when implementing S5 and SS interfaces with the PMIPv6 protocol	provided/not provided
					Decision-making on packet routing upstream to P-GW, downstream to UE, or identification of packets intended for S-GW	provided/not provided
					Implementation of LMA functions with respect to PMIPv6 protocol MAG functions implemented in TW AN or ePDG	provided/not provided
					Implementation of MAG functions in case of implementation of interfaces interacting with P-GW (S5 and SS interfaces) using the PMIPv6 protocol	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.746					Implementation of agent functions DHCPv4 or DHCPvb protocol when implementing the S5 or S8 interface with the PMIPvb protocol	provided/not provided
					implementation of PMIPvb protocol interaction functions in the direction of P-GW and in the direction of MAG functions implemented in TWAN (interfaces S8 and S2a) or in ePDG (interfaces S8 and S2b). In this case, S-GW implements MAG functions in relation to P-GW	provided/not provided
					implementation of the functions of the local mobility management agent (LMA) of the visiting (guest) mobile radio network (VPLMN) with TWAN in interaction with TWAN via the RMPvb protocol when the UE is roaming	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.746					Implementation of functions the RM!Rv6 connection the P-GW direction and in the direction of MAG functions implemented in TW AN or in ePDG, for the user level	provided/not provided of
1.747.	Type conformity testing program and methodology, approved by the SPbGUT IC on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Functions of P-GW equipment in the implementation of non-3GPP access; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Interaction with 3GPP AAA server/proxy (S6b interface) via Diarneter protocol	provided/not provided
					Interaction with 3GPP AAA server of external data network (SGi interface) via RADIUS or Diameter protocol	provided/not provided
					Generation and distribution of GRE protocol keys used to encapsulate user data transmitted upstream when implementing S5 and S8 or S2a, or S2b interfaces using the PMIPv6 protocol	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.747.					GTP protocol implementation for the control plane (GTPv2-C) and user plane (GTPvl-U) to provide a connection between the PDN and the UE (when implementing S2a or S2b interfaces, non-ZGP access must be used with the GTP protocol)	provided/not provided
					implementation of the home agent (HA) function when implementing the interface between P-GW and UE (S2c interface) using the DSMIPv6 protocol (the DSMIPv6 protocol must create a tunnel between UE and P-GW when implementing the S2c interface for transmitting user and signaling traffic between UE and P-GW, ensuring the assignment of IP addresses for tunnel creation)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.747					Function implementation Home agent when implementing the S2a interface with the MIPv4 protocol (upon registration, a temporary IP address must be assigned to the UE using the MIPv4 protocol; the temporary IP address must be the address of the visiting agent's home network (FACoA)	provided/not provided
					Implementation of the LMA node function when implementing the SS and S8, or S2a, or S2b interfaces using the PMIPv6 protocol	provided/not provided
					Implementation of user level interaction point functions when a user moves between GSM 900/1800, UMTS, LTE, and non-3GPP access networks	provided/not provided
1.748.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Verification methodology	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	authentication procedures subscriber identification using cryptographic information protection measures that have been certified	provided/not provided and

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.748.	Compliance with requirements for LTE standard interfaces and switching protocols (Orders of the Ministry of Communications and Mass Media of Russia No. 101 dated August 27, 2007, No. 58 dated May 31, 2007, Orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), HSS/AuC equipment functions; Other research (testing); methods of other research (testing) without specifying				compliance with the requirements for information security of class KA	
1.749.	The program and methodology for type conformity testing were approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (Orders of the Ministry of Communications and Mass Media of Russia No. 101 dated August 27, 2007, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), HSS equipment functions in the implementation of non-3GPP	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	HSS equipment functions non-3GPP implementation access when interacting with a 3GPP AAA server via the Diameter protocol (SWx interface)	provided/not provided in

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.749.	Access when interacting with a 3GPP AAA server via the Diameter protocol; Other research (testing); Other research (testing) methods without specification					
1.750.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Functions of home network PCRF equipment (H-PCRF) when implementing non-3GPP access; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Interaction with P-GW home network (Gx interface) for exchanging QoS data transmission quality control information and billing rules when routing traffic through the home network using the Diameter protocol	provided/not provided
					Interaction with the visiting network PCRF (V-PCRF) (S9 interface) must be carried out using the Diameter protocol	provided/not provided
					Interaction with TWAN (Gxa interface), S-GW (Gxc interface), ePDG (Gxb interface) for transmission of QoS data transmission quality control messages and tariffing via protocol	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.750					Diameter	
1.751	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, No. 14.09.2010 No. 124), Functions of PCRF equipment in the access network when implementing non-3GPP; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	Interaction with H-PCRF (S9 interface) via Diameter protocol	provided/not provided
					Interaction with TWAN (Gxa interface), S-GW (Gxc interface), ePDG (Gxb interface) for transmission of QoS and billing control messages via Diameter protocol	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.752	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols of the LTE standard (Orders of the Ministry of Communications of of 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 14.09.2010 No. 124), Functions of DA switching (DRLA), proxy server (DPXA), redirection (DRDA); Other research (tests); other methods research (testing) without specification	Equipment communication; Means of communication, Performing the function switching systems;	26.30;26.30.11.11O	8517	determination subscription location user, in the event of presence on the operator's network several HSS	provided/not provided
1.753.	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 49. Methodology for verifying for compliance with interfaces and protocols	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.11O	8517	UE allocation of temporary remote IP address (CoA), which is local for ePDG, during implementation S2c interface	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Definition range
1.753.	LTE switching standard (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), ERDG equipment functions; Other research (testing); methods of other research (testing) without specification				generation and distribution GRE protocol keys used to encapsulate PMIPv2 data transmitted by EPC in the direction of ePDG towards the S2b interface	provided/not provided
					Encapsulation and decapsulation of IPSec data packets when supporting mobility based on the S2b interface implemented by the GTP or PMIPv6 protocol	provided/not provided
					routing of data packets to UE via the SWu interface associated with the connection to PDN	provided/not provided
					routing of data packets from/to P-G W (from/to S-GW when performing the S-GW LA function in the VPLMN network to/from UE, if the S2b interface is implemented by the GTP protocol	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.753					Ensuring the possibility transportation of a remote IP address allocated as a PDN IP address when implementing the S2b interface	Provided/Not provided
					Provision of LMA functions in case of implementation of the IKEv2 protocol extension	provided/not provided
					organization of interaction between the billing rules of different operators	provided/not provided
					implementation of MAG functions when implementing the S2b interface with the PMIPvb protocol	provided/not provided
					implementation of border interaction functions	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.753.					Local IP registration addresses	Provided/Not provided UE
					Establishment of secure IKEv2 protocol IKEv2 protocol for data transmission authentication and authorization	IPSec tunnels using the
1.754.	Program and methodology for type conformity testing, approved by the SPbGUT Certification Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for interfaces and switching protocols of the LTE standard (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), 3GPP AAA server functions; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	3GPP authentication user authentication using data received from HLR/HSS	provided/not provided
					Interaction with TWAN (STa interface), with HLR/HSS (SWx interface), with UTWAN (SWa interface), with 3GPP AAA proxy server (SWd interface) via Diameter protocol	provided/not provided
					updating information for TWAN access upon request from HLR/HSS	provided/not provided

N No.	Documents establishing rules and methods for research **(testing) and measurements**	**Name of object**	**Code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Determination range**
1.754					Information transfer User authorization to WLAN via ZGPR AAA proxy server if the user is in the visiting network	provided/not provided
					Transmission of information to P-GW for authorization	Provided/Not provided
					Receipt of UE profile information for authentication from HLR/HSS	provided/not provided
					Provision of information about user service rules to the ZGPR AAA proxy server	provided/not provided
					Provision of a temporary remote IP address for the UE obtained from the HSS when using a static remote IP address	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.754					Address registration in NLR/HSS for each user authentication	provided/not provided
					Server for the EAP-AKA method used during UE authentication	Provided/Not provided
					storage of information about the status of the UE connection to WLAN	provided/not provided
					deletion of connection data from the NLR/HSS when a user is deregistered in the AAA server's ZGPR	provided/not provided
					Generation and transmission of billing data to the billing system in the HPLMN when the UE accesses via UTWAN	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.754.					storage of quality data TWAN maintenance	provided/not provided
1.755.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 49. Methodology for verifying compliance with the requirements for LTE standard interfaces and switching protocols (Orders of the Ministry of Communications and Mass Media of Russia No. 101 dated August 27, 2007, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, No. 14.09.2010 No. 124), 3GPP AAA proxy server functions; Other research (testing); other research (testing) methods without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	provided Interaction between SWa, STa, and SWd interfaces when using different protocols on them	provided/not provided
					provision of information about restrictions received from the home network when using WLAN access	provided/not provided
					termination of service	provided/not provided
					transmission of authentication information between WLAN and 3GPP AAA server	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.755.					Formation and transmission of data for billing to the VPLMN billing system	Provided/Not provided
1.756.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 49. Verification methodology compliance with interfaces and protocols of the LTE standard (orders of the Ministry of Communications Russia dated August 27, 2007 No. 101, dated May 31, 2007, No. 58, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 14.09.2010 No. 124), Equipment functions equipment: MME, S-GW, P-GW, EIR, HSS/AuC, SGSN, PCRF, IMS, DA, ePDG, 3GPP AAA server, 3GPP AAA proxy server, HSM; Other research (testing); methods of other research (testing) without specification	Equipment Communication; Communication facilities, Performing the function of switching systems;	26.30;26.30.11.110	8517	Equipment functions: MME, S-GW, P-GW, EIR, HSS/AuC, SGSN, PCRF, IMS, DA, ePDG, 3GPP AAA server, 3GPP AAA proxy server, HSM	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.757	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols of the LTE standard (Orders of the Ministry of Communications of of 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia dated 21.03.2017 No. 129, dated 14.09.2010 No. 124), Functions of switching equipment Other research (testing); methods of other research (testing) without clarification	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	equipment functions switching IMS	provided/not provided
1.758.	Program and methodology confirmation tests type conformity, Approved by the SPbGUT IC 10.01.2017. Appendix 49. Methodology for verifying compliance with requirements for interfaces and protocols of the LTE standard (Orders of the Ministry of Communications of of 27 August 2007 No. 101,	Equipment communication; Communication equipment, Performing the function of switching systems;	26.30;26.30.11.11O	8517	equipment functions Control Center and Technical Maintenance (CU and TO)	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.758.	No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 129 dated March 21, 2017, 14.09.2010 No. 124), Functions of the Control and Maintenance Center (CC and MA) equipment; Other research (testing); methods of other research (testing) without specification					
1.759.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 50. Methodology for verifying compliance with GLONASS functionality requirements (Orders of the Ministry of Communications of Russia No. 101 dated August 27, 2007, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 160 dated June 27, 2011, 14.09.2010 No. 124), Data, stored in the HLR (ORM), determining the priority service of subscriber radio stations that are part of emergency call terminals	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	logical state eMLPP services: activated	provided/not provided
					Mobile Station Category parameter: decimal number "11" (priority subscriber)	provided/not provided
					Allocation/Retention Priority parameter set to **"1"** (highest priority) (for UMTS standard)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.759	services; Other research (testing); methods of other research (testing) without specification				priority level provided extended multi-level priority and interrupt service (eMLRP); zero priority level eMLRP Subscriber radio station used by default	call service provided/not
1.760.	Type conformity testing program and methodology, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 50. Methodology for verifying compliance with GLONASS functionality requirements (Orders of the Ministry of Communications and Mass Media of Russia No. 101 dated August 27, 2007, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 160 dated June 27, 2011, 14.09.2010 No. 124), Data stored in the VLR (Vehicle Location Register), which determine the priority service of subscriber radio stations currently registered in the service area of one or	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	logical state eMLPP services	provided/not provided
					Mobile Station Category parameter	provided/not provided
					Allocation/Retention priority parameter	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.760	several MSCs (CCP)/MSCs servers (CCP servers); Other research (tests); methods of other studies (tests) without specifying				priority level service with using the eMLRP service	provided/not provided call
1.761.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 50. Methodology for verifying compliance with GLONASS functionality requirements (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 160 dated June 27, 2011, and 14.09.2010 No. 124), Identification of ERA-GLONASS system messages (emergency calls) in MSC (CCP)/MSC server (CCP server) equipment from subscriber radio stations (Calls are routed to the emergency system communication node	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	according to ORM, VRM	provided/not provided
					by parameter Emergency category, in which the bits of the third octet = "1" (sixth, if the call is initiated manually, or seventh, if it is an automatic call)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.761	"ERA GLONASS"); Other research (testing); methods of other research (testing) without specification					
1.762.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 50. Methodology for verifying compliance with GLONASS functionality requirements (Orders of the Ministry of Communications and Mass Media of Russia No. 101 dated August 27, 2007, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 160 dated June 27, 2011, and 14.09.2010 No. 124), Maintenance procedures using the extended eMRLP service on the subscriber radio station section - base station subsystem base stations (BSS) - MSC (CCP)/MSC server (CCP server); Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	resource release, busy with a lower priority call, to handle a higher priority call if there are no free resources	provided/not provided
					priority handling of higher priority calls when resources are available	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.763	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 50. Methodology for verifying compliance with GLONASS requirements (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 160 dated June 27, 2011, 14.09.2010 No. 124), Transmission, reception, and processing of messages from the connection management (CC) subsystem, mobility management (MM) subsystem of the core network protocol (CNP), messages of the base station system application subsystem (BSSAP) and messages of the radio access network application subsystem (RANAP) by MSC (CCP)/MSC server (CCP server) equipment; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	in the SS message Call accepted for service (CALL PROCEEDING, sent from MSC (CCP)/MSC server (CCP server) to subscriber radio station) in the Priority Level parameter, bits from third to first = "1O **I**", which corresponds to zero level priority eMLPP or emergency call	provided/not provided
					in the SS Emergency Call message (EMERGENCY SETUP, from the subscriber radio station to the MSC (CCP)/MSC server (CCP server)), the Emergency category parameter, which defines an emergency call from the subscriber radio station; The sixth or seventh (manually initiated call or automatic call) bits of the third octet of the information element	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Definition range
1.763.					Emergency category = "1"	
					in MM message Service request (CM SERVICE REQUEST, from subscriber radio station to MSC (CCP)/MSC server (CCP server)) in parameters: Service type bits from fourth to first = "001O" (establishment of emergency call); Priority Level bits from third to first = **"1O1"**, which corresponds to eMLPP priority level zero, i.e. emergency call	provided/not provided
					in the RANAP Radio Access Channel Assignment Request (RAB ASSIGNMENT REQUEST) message, sent from MSC (CCP)/MSC server (CCP server) to RNS) information element	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.763.					Radio Access Channel (RAB) parameters, including the "Assignment/Retention Priority" parameter, which contains: Priority Level = first priority level (highest priority); Pre-emption Vulnerability indicator = "not pre-emptable" (this connection cannot be interrupted by another resource allocation request); Pre-emption Capability indicator = "may trigger pre-emptio11" (this radio resource allocation request may interrupt an existing connection); Queuing Allowed indicator = "Queuing of the RAB is allowed"	

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.763					in the subsystem message BSSAP Radio resource assignment request (ASSIGNMENT REQUEST, sent from MSC (CCP)/MSC server (CCP server) to BSS) parameter: The channel type (Clшnnel Type) determines the speed of voice information transmission in a two-way voice channel allocated for emergency calls as full (TCH/F), i.e. 13 kbit/s; Priority indicates the priority of the request	provided/not provided
					parameters that determine and priority service, as well as the provision of a two-way voice channel at full speed in messages providing the handover procedure for the subscriber radio station	whether emergency calls

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.764	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 50. Methodology for checking fulfillment of requirements for GLONASS functions (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, from 31.05.2007 No. 58, orders The Russian Ministry of Communications 27.06.2011 No. 160, dated 14.09.2010 No. 124), Emergency call service (transmission of messages of the ERA GLONASS system) at the MSC (CCP)/MSC section server (CCP server) - TfOP switching nodes TfOP switching with using the multi-level priority and service interruption (MLRP); Other research (testing); methods of other research (testing) without specification	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	release of resources, occupied by call more low priority, for call service more high priority in in case of non-compliance free resources (One SIP session of a higher destroy so many sessions higher low priority, as necessary for the release of the required bandwidth)	ensured/not ensured
					priority handling of calls with higher priority if resources are available	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	kodokp 2	EAEU HS CODE	Defined characteristic (Indicator)	Determination range
1.765.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 50. Methodology for verifying compliance with GLONASS functionality requirements (Orders of the Ministry of Communications and Mass Media of Russia No. 101 dated August 27, 2007, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 160 dated June 27, 2011, and 14.09.2010 No. 124), ISUP subsystem messages for implementing the emergency call handling procedure and MLRP services; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Full address (ASM)	provided/not provided
					Initial address message (IAM)	provided/not provided
					Disconnection (REL): release of channels occupied by lower priority calls, as well as calls that do not have priority within the MLPP service in the absence of free channels in the required direction	provided/not provided
					Connection is established (CPG)	provided/not provided
					Cause Indicator in the REL message equal to one of the following values: Service interruption	provided/not provided
1.766.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 50.	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517		

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.766.	Methodology for verifying compliance with GLONASS functionality requirements (Orders of the Ministry of Communications and Mass Media of Russia No. 101 dated August 27, 2007, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 160 dated June 27, 2011, and 14.09.2010 No. 124), Parameters of ISUP emergency call messages and MLRP services; Other studies (tests); methods of other studies (tests) without specifying				call by call more High priority (reason number = 8); Call service interruption, channel used for other purposes (reason number = 9); Priority call blocked (reason number = 46)	
					Generic Notification Indicator in ACM or CPG messages providing information about an additional service and= "0000100" (call completion delay)	provided/not provided
					Optional backward call indicators transmitted in ACM or CPG messages containing information about the called party	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.766					MLPP priority (Precedence Parameter) transmitted in the IAM message, consisting of six octets	provided/not provided
1.767	Program and methodology Confirmation tests type compliance, approved by the IC SPbGUT 1O.O1.2017. Appendix 50. Methodology for verifying for compliance with GLONASS functions (orders of the Ministry of Communications Russia dated August 27, 2007 No. 101, dated May 31, 2007, No. 58, orders of the Ministry of Communications of Russia dated 27 June 2011 No. 160, dated September 14, 2010 No. 124), Requests and SIP protocol responses and additional headers for the implementation of the emergency call service call and MLRP; Other research (tests); methods of other research (testing) without specification	Equipment Communication; Means of communication, performing the function switching systems;	26.30;26.30.11.11O	8517	SIP header Priority (Priority) in requests, set equal to meaning "emergency" (eşergency)	provided/not provided
					SIP header Resource Priority in SIP requests: "Invitation", "Confirmation", "Termination", "Cancellation", "Registration", "Request", "Provisional Answer Confirmation", "Subscription Request", "Current Status Information", "Parameter Update", "Prescription", "Information", "Network User Identification", "Message"	provided/not provided

N P/P	Documents establishing rules and methods for research **(testing) and measurements**	**Name of object**	**code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Definition range**
1.767.					SIP heading Priority resource set to "first call" (FLASH) priority and designated as "q735. l" or "q735. flash"	provided/not provided
					release of one or more sessions using a "Termination" (VUE) request, specifying one of four reasons for release: Reason: preemption; cause= 1; Reason: preemption; cause=2; Reason: preemption; cause=3; Reason: preemption; cause=4 in the absence of free resources in the required direction, the communication node	provided/not provided
					SIP response 200 (request successful) or 417 (unknown priority) containing the SIP header Accept-Resource-Priority for all requests except the "Confirmation" request (if transmitted in the request	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.767					Resource Priority header value cannot be processed, then a 417 response is sent, and this session is re-established with the same Resource Priority header value, or with the value specified in the 417 response in the Resource Priority Recognition header)	
1.768.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 50. Methodology for verifying compliance with GLONASS functionality requirements (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 160 dated June 27, 2011, 14.09.2010 No. 124), Backup synchronization source; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	in case of malfunction from the GLONASS global navigation satellite system another global navigation satellite system is used as a backup source of external synchronization	external synchronization

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.769	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Composition international telephone stations and international switching centers (MNTs	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Equipment implementing media resource server (MRS) functions	provided/not provided
					equipment implementing application server (AS) functions	provided/not provided
					IMS subsystem	provided/not provided
					Switching system using CP technology: MGC, MG, SG, AG	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.769.	and Mll,K) using CP technology; Other research (testing); Methods of other research (testing) without specification					
1.770.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated April 21, 2008, No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	international incoming automatic and with the help of telephone operators from foreign countries' SSOPs to the RF SSOP	provided/not provided
					international outgoing automatic and with the help of operators from the SSOP of the Russian Federation to the SSOP of foreign countries	provided/not provided
					users of the Russian Federation's SSOP to information reference and ordering systems of the international network	provided/not provided
					service communication	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.770.	21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Provision of MNTs and MCC connections; Other research (testing); Methods of other research (testing) without specification				transit international the communications network of one foreign state via international switching centers to the communications network of another foreign state	provided/not provided from
1,771.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	selection of directions when establishing connections	provided/not provided
					protection of telephone conversations from the disruptive effects of electrical echo	provided/not provided
					reception of up to 24 digits of the telephone number of the subscriber (user) equipment of the called subscriber	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.771.	14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. 1 0.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Performing the functions of establishing MNTs and MCC connections; Other research (testing); methods of other research (testing) without specification				reception and analysis of signal information, as well as the issuance of signal information	provided/not provided
					Establishment of incoming and outgoing connections to/from the services of the international transit node	provided/not provided
					Establishment of incoming and outgoing service connections	provided/not provided
					Establishment of outgoing and incoming automatic and operator-assisted international connections for the transmission of information messages	provided/not provided
					Establishment of international transit connections by an international center switching	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.772	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 51. Methodology for verifying compliance with requirements for functions of the tested switching equipment. (orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Types of of switching MNTs and MCCs with using KP; Other studies	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	channels at a speed of 64 kbit/s	provided/not provided
					semi-permanent channel switching on speed 64 kbit/s	ensured/not ensured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.772.	(tests); other research (testing) methods without specification					
1.773	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix **51.** Methodology for testing compliance with requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications of 21.04.2008 No. 45, of 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, from 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30; 26.30.11.110	8517	digital and analog AL for connection subscriber installations of the service subsystem transit node communications international communications	provided/not provided
					digital long-distance telephone channels for communication with zone transit communication nodes, transit long-distance automatic switching nodes, dedicated transit signaling points	provided/not provided
					digital international telephone channels for communication between international transit nodes	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.773	28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Possibility of connection to MNTs and MCC; Other research (testing); Methods of other research (testing) without specification					
1.774.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 1O.O1.2017. Appendix 51. Verification methodology fulfillment of requirements for the functions of the tested switching equipment. (orders of the Ministry of Information and Communications Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30; 26.30.11.110	8517	included echo suppression devices depending on the zone code numbering and routing call routing or based on information transmitted as part of signaling system No. 7	provided/not provided
					the possibility of providing international telephone services with the help of telephone operators	provided/not provided
					SP functions and STP function in the OCC signaling network No. 7	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.774	21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. l0.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Functional capabilities of MTS and MCC; Other research (testing); Methods of other research (testing) without specifying				the switching function of services provided for communications implemented using the INAP protocol	provided/not
1.775.	Type conformity testing program and methodology, approved by the SPbGUT IC on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications of Russia No. 45 dated April 21, 2008, No. 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	equipment that implements media resource server (MRS) functions	provided/not provided
					equipment implementing application server (AS) functions	provided/not provided
					IMS subsystem	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.775	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Composition transit long-distance communication nodes (TUz) using KP technology; Other research (testing); methods of other research (testing) without specification				switching system with using CP technology KP technology: MGC, MG, SG, AG	provided/not provided
1,776.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	selection of directions when establishing connections	provided/not provided
					protection of telephone connections from the disruptive effects of electrical echo	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.776	11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Performing connection establishment functions TUz; Other research (testing); methods of other research (testing) without specification				Ensuring analysis of subscriber data for the presence of restrictions on establishing intra-zone, long-distance, and international connections by automatic or semi-automatic means	provided/not provided
					Ensuring the establishment of connections with premium rate and information and reference long-distance and international systems and with information and reference systems of local and zone communication networks	Provided/Not provided
					receiving from local communication nodes the value of the communication network terminal element category or the calling user (terminal) equipment category and user number information user	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.776					(terminal) equipment calling and called subscriber (user)	
					reception, analysis, and output of signaling information	provided/not provided
					establishment of outgoing and incoming intra-zone long-distance and international connections automatically and semi-automatically	provided/not provided
					SP functions in the OKE No. 7 signaling network for long-distance, international, and intra-zone communications and STP functions in intra-zone communication	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.777	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 51. Methodology for verifying compliance with requirements for functions of the tested switching equipment. (Orders of the Ministry of Information and Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Types of switching TUz; Other research (tests); methods of other research	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	channels at a speed of 64 kbit/s	provided/not provided
					semi-permanent channel switching on speed of 64 kbit/s	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.777.	(tests) without clarification					
1.778	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix **51.** Methodology for verification fulfillment of requirements for the functions of the tested switching equipment. (orders of the Ministry of Information and Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, from 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Equipment communication Communication devices, performing the function switching systems;	26.30;26.30.11.110	8517	included echo suppression devices depending on the zone code numbering and routing call routing or based on information, transmitted as part of signaling system No. 7	provided/not provided
					routing of calls to the long-distance and international telephone network in accordance with the value of the operator selection code and the value of the category of the terminal element of the communications network	provided/not provided
					the switching function of communication services implemented using the INAP protocol	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.778	28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Functional capabilities of TUs; Other studies (tests); methods of other studies (tests) without specification					
1.779.	Program and methodology Confirmation tests type conformity, Approved by the Information 1O.O1.2017. Appendix 51. Methodology for verifying compliance with transit functions of the tested of the switching equipment under (Orders of the Ministry of of 21.04.2008 No. 45, of 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated	Equipment communication; Communication equipment, Performing the function switching systems;	26.30; 26.30.11.110	8517	media gateway (IMS-MGW)	provided/not provided
					transit assurance (TF)	ensured/not ensured
					transitional gateway (TrGw)	provided/not provided
					network selection management (BGCF)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.779.	21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. l0.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Composition MTS and ZTS based on IMS technology, functions; Other research (testing); methods of other research (testing) without specifying				media gateway management (MGCF)	provided/not provided
					Border interaction control (IBCF)	Provided/Not provided
					data recording for fee calculation (CCF)	provided/not provided
					signaling gateway (SGF)	provided/not provided
1,780.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment.	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	possibility of use communication node equipment by one or more fixed telephone network operators	provided/not provided for

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.780	(Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Possibility of building MTS based on IMS technology; Other research (testing); Methods of other research (testing) without specification				possibility of construction with Territorially distributed structure	Secured/not secured
					Possibility of conducting independently in each territorial-administrative entity	ensured/not ensured ORM

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.781	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC January 10, 2017. Appendix 51. Methodology for verifying compliance with the functions of the tested of switching equipment. (Orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27 August 2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Functions TF; Other research (tests); methods of other research (testing)	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	analysis of the called address user	provided/not provided
					session route selection	provided/not provided
					data accounting for fee calculation (CCF), if the TF function is implemented in separate equipment	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.781	without specification					
1.782	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix **51.** Methodology for testing compliance with the requirements for the functions of the tested switching equipment. (orders of the Ministry of Communications Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, from 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Equipment Communication; Communication means, performing the function switching systems;	26.30;26.30.11.110	8517	interaction with others with BGCF equipment as well as communication nodes Mk interface, with 1-CSCF equipment other communication nodes for the Mi interface, with by MGCF equipment for Mj interface, with equipment IBCF on Mj interface with use of the protocol SIP protocol, with CCF equipment via the Rf interface with using the protocol Diameter	provided/not provided
					choice of communication network	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.782.	28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), BGSF functions; Other research (testing); methods of other research (testing) without specification				routing based on information about telephone numbers obtained from SIP protocol messages, administrative information and/or through access to databases	provided/not provided
					~~transit traffic routing~~ traffic	~~provided/not provided~~
1.783.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	interaction with CSCF equipment other communication nodes and with BGCF equipment via the Mx interface, with the IBCF of another communication node using IMS technology via the Ici interface using the SIP protocol, with TrGW via the Ix interface using the MEGACO protocol, with CCF equipment via the Rf interface using the Diameter protocol	provided/not provided by 1-

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.783.	27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), IBCF functions; Other research (testing); methods of other research (testing) without specification				interaction with by IMS equipment via the Rf interface using the Diameter protocol	provided/not provided
					selection of alarm type and generation of data records on fee accrual	provided/not provided
					transfer of collected accounting data to an automated accounting system	provided/not provided
					implementation of SIP and SDP protocols	provided/not provided
					collection and storage of accounting data related to telephone connections and multimedia sessions	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.783.					Hiding of network topology	provided/not provided
					Transit routing	provided/not provided
					Management of TrG W gateways using the MEGACO protocol based on analysis of SIP and SDP protocol information when establishing connections with other communication nodes using IMS technology or other networks operating on the basis of the IP protocol	provided/not provided
					filtering of SIP signaling information based on the telecommunications operator's policy and information about the source of the message (message recipient)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.783.					CCF functions	Provided/Not provided
1.784.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix **51.** Methodology for verifying compliance with requirements for the functions of the tested switching equipment. (orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, from 11.09.2007 No. 106, dated 21.04.2008 No. 44, from 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Equipment Communication; Communication means, Performing the function switching systems;	26.30;26.30.11.110	8517	protocol interaction between ISUP-R and SIP, SIP-T, SIP-1	provided/not provided
					interaction with BGCF on Mj interface with execution of the protocol SIP	ensured/not ensured
					interaction with CCF equipment via the Rf interface using the Diameter protocol	provided/not provided
					Interaction with SGF equipment via the Ie interface using SIGTRAN group protocols	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.784	28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), MGSF functions; Other studies (tests); methods of other studies (tests) without specifying				call routing to depending on the accepted alarm information	provided/not provided
					equipment management media gateway (IMS-MGW) via Mn interface using MEGACO protocol	provided/not provided
1.785.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia No. 45 dated April 21, 2008, No. 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31 May 2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Interaction with with MGCF equipment via the Mn interface using the MEGACO protocol, with transport layer elements of the communication network using the RTP and RTCP protocols, with a telephone communication network operating on CC technology, via standard public communication network interfaces	provided/not provided
					generation and transmission of tone signals and voice messages	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.785	27.01.2009 No. 10, from 14.12.2015 No. 541, dated 21.10.2009 No. 133, between 27.06.2011 No. 160, dated 30. 1 0.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Functions IMS-MGW; Other research (testing); methods of other research (testing) without specification				coupling during transmission user traffic between networks, executing switching technology packets and switched communication channels in telephone communication networks	provided/not provided
1,786.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 51. Methodology for testing compliance with functions of the tested switching equipment. (orders of the Ministry of Communications Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated	Equipment Communication; Communication means, performing the function switching systems;	26.30;26.30. 1 **l.l l** About	8517	interaction with equipment IBCF for Ix interface with by implementing the protocol MEGACO, with elements transport level network communication requirements for RTP protocols and RTCP functions, with TrGW of another communication, performing technology in accordance with the Izi interface with by signing the protocols RTP and RTCP	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.786	27.01.2009 No. 12, from 14.12.2015 No. 542, from 02.09.2008 No. 36, from 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, from 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Functions TgGW; Other research (tests); methods of other research (testing) without specification				recoding multimedia information under ICF management for establishing communication between end users, connected to different communication nodes	provided/not provided
1,787.	Program and methodology confirmation tests type conformity, Approved by the Information Center of St. Petersburg State University of Telecommunications 10.01.2017. Appendix 51. Methodology for testing fulfillment of requirements for the functions of the tested switching equipment. (orders of the Ministry of Communications Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	interaction with MGCF equipment for Ie interface with the application of protocols SIGTRAN group, with by a telephone network, operating on the technology CC, using standard communication network interfaces for general use with the use of signaling OKS No. 7	provided/not provided

27.08.2007 No. 101, dated				

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.787	31.05.2007 No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, from 14.12.2015 No. 542, from 02.09.2008 No. 36, from 27.01.2009 No. 10, from 14.12.2015 No. 541, dated 21.10.2009 No. 133, from 27.06.2011 No. 160, from 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Functions SGF; Other research (tests); methods of other research (testing) without specification				transformation alarm subsystems MTR, SCCP OKS system No. 7 in the relevant protocols of the group SIGTRAN between the network operating on CC technology, and the network connection operating under KP technology based on IP protocol	provided/not provided
1,788.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 1O.O1.2017. Appendix 51. Methodology for verifying compliance with tested switching equipment. (orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	possibility of establishing connections via direct and bypass routes	provided/not provided
					protection of telephone from interference impact of the effect of electrical echo	ensured/not ensured

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.788.	11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Performing the functions of establishing MTS connections based on IMS technology; Other research (testing); methods of other research (testing) without specification				call routing to Intercity and international telephone network in accordance with the operator selection code value	provided/not provided
					Establishment of automatic long-distance and intra-zone transit connections between users of fixed telephone networks and/or mobile radio telephone networks	Provided/Not provided
					Establishing connections with custom and information-reference long-distance, international, and zone systems of telecommunications operators	provided/not provided
					Establishment of connections with information and reference systems of local and zone networks telephone connection	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.789	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 51. Verification methodology compliance with requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications of 21.04.2008 No. 45, of 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27 August 2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, from 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Establishment of connections by combined telephone stations (KS,	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	automatic outgoing for emergency operational and information reference systems of the network local telephone communication	provided/not provided
					automatic outgoing, incoming, and transit local telephone functions between users of the local telephone network	provided/not provided
					intra-zone outgoing and incoming automatic and with the help of telephone operators	provided/not provided
					with registered and information-reference long-distance, international, and zone systems of communication operators	provided/not provided
					with information and reference systems of local and area telephone networks	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.789	KTS); Other research (testing); methods of other research (testing) without specification				Establishment of outgoing, incoming, and transit long-distance and international connections in the case of performing the functions of a transit node of a long-distance and international communications network	provided/not provided
1.790.	Program and methodology Confirmation tests type conformity, approved by the IC SPbGUT 1O.O1.2017. Appendix 51. Methodology for verifying compliance with requirements for functions of the tested of switching equipment. (orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, from 21.04.2008 No. 44, dated 27.08.2007 No. 101, from 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	SP and STP alarm networks OKS No. 7	provided/not provided
					automatic determination of the category and subscriber number of the (user) equipment (Caller ID) calling subscriber and transmission of this information to other nodes communications	ensured/not ensured
					analysis of databases of end-user equipment for the presence of restrictions on installation outgoing automatic	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Characteristic to be determined (Indicator)	Scope of definition
1,790.	21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. l0.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Functions of the KS (KTS); Other research (testing); methods of other research (testing) without specification				and semi-automatic intra-zone, long-distance, and international connections	
					protection of telephone connections from the disruptive effects of electrical echo	provided/not provided
					routing of calls to the long-distance and international telephone network in accordance with the operator selection code value and the value of the communication network terminal element category	provided/not provided
					construction of a transit or terminal communication node with a geographically distributed structure	provided/not provided
					data accounting for the calculation of charges for connections and services	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.791	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 51. Methodology for checking compliance with requirements for functions of the tested switching equipment. (Orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21 April 2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Division urban automatic telephone stations in depending on the functions performed	Equipment communication; Communication equipment, performing the function of switching systems;	26.30;26.30.11.11O	8517	Terminal transit nodes connections ensuring connection user (terminal) equipment and transit of traffic between two communication nodes	provided/not provided
					terminal communication nodes providing connection of user (terminal) equipment	provided/not provided
					transit communication nodes that provide traffic transit between two communication nodes and do not provide connection to user (terminal) equipment	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.791.	Functions; Other research (testing); Methods of other research (testing) without specification					
1.792	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix **51.** Methodology for verifying compliance with functions of the tested switching equipment. (orders of the Ministry of of Russia dated 21.04.2008 No. 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Equipment communication; Communication equipment, Performing the function switching systems;	26.30; 26.30.11.110	8517	SP	provided/not provided
					STP requirements in equipment transit and terminal transit communication nodes	compliant/non-compliant
					the possibility of moving subscriber equipment to remote subscriber modules (concentrators, substations)	provided/not provided
					the possibility of building terminal-transit or terminal communication nodes with a geographically distributed structure	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.792	28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Functions performed by urban automatic telephone exchanges; Other research (testing); Methods of other research (testing) without specification				the possibility of establishing connections via direct and bypass routes	secured/unsecured
1.793.	Program and methodology for type conformity testing, approved by the IC SPbGUT lO.O1.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	SP alarm networks OKS No. 7	provided/not provided
					STP alarm network OKS No. 7	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.793	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Rural automatic telephone exchanges; Other research (testing); methods of other research (testing) without specification					
1.794.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, 05.05.2008 No. 53, orders	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	switching equipment LTE standard: MME, S-GW, PDN GW (PGW), EIR, HSS, SGSN, PCRF, DA, CU and that	provided/not provided
					a switching system using packet switching technology, consisting of equipment that performs the following functions: MGCF, MGW, SGF, AGW, HSS/AuC, ASF, CU, and TO	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.794	Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated January 27, 2009 No. 10, dated 14 December 2015 No. 541, dated October 21, 2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Composition KTS (KS) based on IMS technology; Other research (testing); methods of other research (testing) without specifying				switching system, using IMS: CSCF (P-CSCF, S-CSCF, I-CSCF), HSS/IMS, SLF, IMS MGCF, MRFC, MRFP, BGCF, ICF, CCF, IMS MGW, TrGw/BGF, SGF, TF, ASF, CU and TO, PES (AGCF and AGF), RACS, NASS	provided/not provided
1.795.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated April 21, 2008, No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	possibility of use use of KTS equipment by one or more communication network operators	provided/not provided
					Possibility of building a geographically distributed structure	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.795.	21.04.2008 No. 44, from 27.08.2007 No. 101, from 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), The possibility of building KTS based on IMS; Other research (tests); methods of other research (testing) without specification				possibility of implementation ORM independently in each territorially administrative education	ensured/not ensured
1.796.	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 51. Methodology for verifying compliance with requirements for the functions of the tested switching equipment.	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.110	8517	automatic outgoing for emergency operational and information network reference systems local telephone communication	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.796.	(Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27 August 2007 No. 101, dated May 31, 2007, No. 58, 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Establishment of KTS connections based on IMS; Other research (testing); methods of other research (testing) without specification				automatic outgoing, Incoming and transit local telephone calls between users of the local telephone network	provided/not provided
					Intra-zone outgoing and incoming automatic and operator-assisted	provided/not provided
					outgoing, incoming, and transit connections from (to) users of the mobile radio telephone network when implementing the functions of mobile radio telephone network switching systems	provided/not provided
					with on-demand and information-reference long-distance, international, and zone systems of telecommunications operators	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.796.					with information reference systems local and area telephone networks	provided/not provided by
					Establishment of outgoing, incoming and transit long-distance and international connections in the case of implementation of the functions of a transit node of a long-distance and international communications network	provided/not provided
1.797.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	SP and STP signaling networks OKS No. 7	provided/not provided
					Automatic identification of the category and subscriber number of the terminal (user) equipment (Caller ID) of the calling subscriber and transmission of this information to other communication nodes	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.797.	Ministry of Communications of Russia dated January 27, 2009 No. 12, dated 14 December 2015 No. 542, dated September 2, 2008 No. 36, dated 27 January 2009 No. 10, dated 14 December 2015 No. 541, dated October 21, 2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), KTS functions based on IMS; Other studies (tests); methods of other studies (tests) without specification				Database analysis of terminal (user) equipment for the presence of a prohibition on establishing outgoing automatic and semi-automatic intra-zone, long-distance, and international connections	provided/not provided
					protection of telephone connections from the disruptive effects of electrical echo	provided/not provided
					routing of calls to the long-distance and international telephone network in accordance with the operator selection code value and the value of the communication network terminal element category	provided/not provided
					routing of calls to (from) mobile radio network nodes	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.797.					construction of terminal transit or terminal with a geographically distributed structure	provided/not provided for
					data accounting for connection and service connections and services	provided/not provided
1.798.	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications of Russia No. 45 of 21.04.2008, No. 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Additional equipment: AGCF, RACS, SLF, IWF, NASS, AGF, PES, PSS	provided/not provided
					main equipment: CSCF (P-CSCF, S-CSCF, 1- CSCF), MGCF, MRFC, BGCF, IBCF, MRFP, BGF, UPSF/HSS, CG, IM MGW, SGF, AS	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.798	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. l 0.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Composition local (urban and rural) telephone stations (MS) based on IMS technology; Other research (testing); methods of other research (testing) without specification					
1,799.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated April 21, 2008, No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Interaction (IWF)	provided/not provided
					requesting equipment CSCF (I- CSCF)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Detection range
1,799.	31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Functions of MS based on IMS technology; Other research (testing); methods of other research (testing) without specification				media gateway (IM-MGW)	provided/not provided
					CSCF service equipment (S-CSCF)	provided/not provided
					Subscription Location Function (SLF)	provided/not provided
					Border interaction (IBCF)	provided/not provided
					Border Gateway (BGF)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.799.					Connection subsystem Communication network (NASS)	provided/not provided
					telephone network simulation subsystem (PSS)	provided/not provided
					access and resource control subsystems (RACS)	provided/not provided
					telephone network emulation subsystems (PES)	provided/not provided
					proxy CSCF (P-CSCF)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.799					Resource processor multimedia (MRFP)	provided/not provided
					application server (AS, ASF)	Provided/Not provided
					user profile server/home subscriber server (UPSF/HSS)	provided/not provided
					network selection control (BGCF)	provided/not provided
					media gateway control (MGCF)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.799.					Resource management Multimedia (MRFC)	provided/not provided
					Session control (CSCF)	Provided/Not provided
					Access Gateway Control (AGCF)	provided/not provided
					Charging data collection (CG)	provided/not provided
					Access Gateway (AGF)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.799.					Signaling gateway (SGF)	provided/not provided
1.800	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix **51.** Methodology for verifying compliance with the requirements for the functions of the switching equipment under test. (Orders of the Ministry of Communications Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Equipment communication; Communication facilities, performing the function of switching systems;	26.30;26.30.11.110	8517	possibility of construction terminal-transit or terminal communication node with territorial distributed structure	provided/not provided
					the possibility of establishing connections via direct and indirect routes	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.800	28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Possibility of building an MS based on IMS; Other research (testing); Methods of other research (testing) without specification					
1.801.	Program and methodology confirmation tests type compliance, approved by the SPbGUT IC 1O.O1.2017. Appendix 51. Methodology for verifying for compliance with requirements for functions of the tested switching equipment. (Orders of the Ministry of Communications of 21.04.2008 No. 45, of 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, from 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated	Equipment communication Communication devices, performing the function switching systems;	26.30; 26.30.11.110	8517	two-wire analog interface to the terminal telephone equipment general communication network use (FXS)	provided/not provided
					two-wire analog interface to the public telephone network (FXO)	compliant/non-compliant
					two-wire digital interface to the public telephone network (U-interface)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.801.	21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. l0.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Subscriber access transmission system interfaces; Other research (testing); Methods of other research (testing) without specification				Interface to passive fiber optic networks G-PON	provided/not provided
					External synchronization interfaces	provided/not provided
					Interfaces for organizing signal transmission over physical lines in the tonal and supertonal frequency ranges	provided/not provided
					interfaces to wavelength division multiplexing (WDM) optical system equipment	provided/not provided
					interfaces to video service signal transmission equipment	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.801					Interfaces to Plesiochronous Digital Hierarchy (PDH) equipment, including PDH optical interfaces	provided/not provided
					interfaces to synchronous digital hierarchy (SDH) equipment	Provided/Not provided
					interfaces to equipment using asynchronous transfer mode (ATM)	provided/not provided
					interfaces to equipment using frame relay (FR) mode	provided/not provided
					interfaces to data transmission networks using carrier control and collision detection (Ethernet)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.801					Interfaces to data transmission networks supporting multi-protocol label switching (MPLS)	provided/not provided
					Interfaces to data transmission networks supporting IP protocol operation	Provided/Not provided
					Data transmission interfaces (Group V interfaces)	provided/not provided
					digital subscriber line (xDSL) interfaces	provided/not provided
					four-wire interface to tone frequency channels	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.801					Four-wire digital interface to the public telephone network (S/T interface)	Provided/Not provided
1.802	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 1O.O1.2017. Appendix **51.** Verification methodology compliance with the functions of the tested switching equipment. (Orders of the Ministry of Communications of of 21.04.2008 No. 45, of 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27 August 2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	two-wire telephone channel Tone frequency	provided/not provided
					ISDN 160 kbit/s basic access channel (BRI)	provided/not provided
					primary access channel ISDN 2048 kbit/s (PRI)	provided/not provided
					combined channel (path) ending with interfaces of different types	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.802.	28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Channels Subscriber access transmission system channels; Other research (testing); Methods of other research (testing) without specification				digital path of a computer network using carrier control and collision detection	provided/not provided
					four-wire ISDN channel 192 kbit/s	provided/not provided
					four-wire tone frequency channel	provided/not provided
1.803.	Program and methodology for type conformity testing, approved by the IC SPbGUT lO.O1.2017. Appendix **51.** Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, from	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	ISDN signaling, clock synchronization, octet synchronization, cycle synchronization, activation and deactivation, operation and maintenance	provided/not provided
					video service	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.803.	31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Transmission of interaction signals between terminal equipment and a telephone station via subscriber access transmission systems; Other research (testing); methods of other research (testing) without specification				use of subscriber V5.x signaling	provided/not provided
					multi-frequency code (DTMF)	Provided/Not provided
					Pulse code dialing	provided/not provided
					call signals with a nominal frequency of 25 or 50 Hz	provided/not provided
					tariff signals (with a frequency of 16 kHz or a change in the polarity power supply in the subscriber loop)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.804	Program and methodology confirmation tests type conformity, Approved by the IC SPbGUT 10.01.2017. Appendix 51. Methodology for verification compliance with requirements for the functions of the switching equipment. (Orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27 August 2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Protection system equipment for subscriber access from dangerous and	Equipment Communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	equipment protection from hazardous and interfering effects on linear interfaces	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.804.	interfering influences; Other studies (tests); methods of other studies (tests) without specification					
1.805	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix **51.** Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia No. 45 dated April 21, 2008, No. 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	possibility of connection of several virtual US or ODU containers into a single structure - a chain	provided/not provided
					transmission of STM and OTM signals in the optical sections of the SCT and OTS	provided/not provided
					Transmission of US and ODU signals in the optical paths of the SCU and OTS	provided/not provided
					Formation of optical transport modules (OTM) containing optical channel data units (ODU)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.805	28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Cyclic transmission of digital signals in digital transmission systems (SDN); Other research (testing); Methods of other research (testing) without specification				formation of synchronous transport modules (STM) containing virtual containers US	provided/not provided
1.806.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1 O.O1.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	external interface synchronization	provided/not provided
					interface for video service signals	provided/not provided
					optical interface **1**, 4, 16, 64 levels of SCSI	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.806	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. 1 0.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Interfaces of digital transmission systems (SDH); Other research (testing); Methods of other research (testing) without specification				optical interface multichannel systems with spectral division	provided/not provided for
					electrical interface synchronous and plesiochronous digital hierarchies	provided/not provided
1.807.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, from	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Formation of aggregate digital signals telecommunications PCI, as well as PCI signals	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.807.	05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Formation of aggregate digital telecommunications signals **of the PTS,** as well as signals of the STS; Other research (testing); methods of other research (testing) without specification					
1.808.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (orders of the Ministry of Information and Communications	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	ATM signals	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.808.	Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Channel-forming equipment PTS (RDH); component signals; Other research (testing); methods of other research (testing) without specification				Ethernet signals	provided/not provided
					FR signals	Provided/Not provided
					IP signals with IP router functions	Provided/Not provided
					ISDN signals of S/T and U interfaces	provided/not provided
					Subscriber signaling signals via the common signaling channel of the U5 interface	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.808.					Interaction signals between ATS - E&M signals	provided/not provided
					DSL digital subscriber line interface signals	provided/not provided
					TC channel signals over two- and four-wire lines	provided/not provided
					data transmission signals via V.24/V.28, V.35/V.28, and HV.36/V.ll interfaces	provided/not provided
					FXO and FXS direct subscriber signals	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.808					Coherent and Opposite direction interfaces 64 kbit/s	provided/not provided
					nx64 kbit/s signals (n equals **1 to** 31)	Provided/Not provided
					Control and interaction signals	provided/not provided
1.809.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia No. 45 dated April 21, 2008, No. 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	NRP: restored of the line signal at the output of the regeneration section	provided/not provided
					SOLT: regeneration and conversion of the line signal arriving at the line interface	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.809	31.05.2007 No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Purpose of terminal and intermediate equipment of terminal and intermediate terminals and intermediate transmission systems PCI; Other research (testing); methods of other research (testing) without specification					
1.810.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 51. Methodology for verifying compliance with the functions of the tested	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	Equipment interfaces terminal and intermediate points of the linear path of systems PCI transmission	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.81O.	Switching equipment. (Orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Equipment interfaces of terminal and intermediate terminals and intermediate transmission systems PCI; Other research (testing); methods of other research (testing) without specification					

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.811	Program and methodology confirmation tests type conformity, Approved by the IC SPbGUT 10.01.2017. Appendix 51. Methodology for verifying compliance with requirements for functions of the tested switching equipment. (orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Composition of the linear transmission system of transmission systems PCI; Other studies	Equipment communication ; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	input cable device with input cable	provided/not provided
					corrosion-resistant waterproof container	ensured/not ensured
					Line regenerators with power supply devices, remote control, line service communication, protection against hazardous and interfering influences	provided/not provided
					removable equipment containing a switching field of input (output) circuits	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.811.	(tests); other research (testing) methods without specification					
1.812	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix **51.** Methodology for verifying compliance with the functions of the tested switching equipment. (Orders of the Ministry of Communications of 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27 August 2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30; 26.30.11.110	8517	connection option portable device service communication to **NRP** without sealing violations containers	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.812	28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Possibility of connecting a portable device service communication to the NPP without compromising the seal of the the container; Other research (testing); methods of other research (testing) without specification					
1.813.	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 51. Methodology for verifying compliance with the functions of the switching equipment. (Orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated	Equipment communication; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Grounding of metal cable sheaths with copper cores on **NRP** and salt	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.813	02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Grounding of metal sheaths of cables with copper conductors at NRPs and SOLT; Other research (tests); methods of other research (testing) without specification					
1.814.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 51. Remote power supply testing procedure compliance with functions of the device under test switching equipment. (orders of the Ministry of Communications Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, from 11.09.2007 No. 106, from 21.04.2008 No. 44, from	Equipment communication; Communication means, performing the function switching systems ;	26.30;26.30.11.11O	8517	indication signal emergency condition at: power failure primary source power supply; circuit break remote power supply (DP); DP current leakage on to ground exceeding IO mA; increase in the coefficient errors above 10-3 on the receiving side; signal loss on regenerator input transmission and reception;	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.814.	27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Alarm, remote control and service communication system for terminal and intermediate points of PCM transmission systems; Other research (testing); methods of other research (testing) without specification				Decrease in pressure inside **HPB** below normal; main power feeder tripping; main and backup power feeder tripping; laser shutdown device (ALS) activation	
					signal about pressure drop or open container lid to the service station regardless of other remote control signals	provided/not provided
					Warning signal in case of: deviation of the DP current from the tolerance specified in the technical documentation for the specific equipment; increase in the digital signal error rate above 10-5; organization of a linear path loop on the receiving side; receipt of a call signal via the service communication	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.814.					service communication (SS), functioning independently of the presence or absence in the digital linear path of the DP current and transmission of the digital signal transmission: device SOLT, containing a tone frequency signal receiver and having an output to the general station alarm system, and a portable SS NRP device containing a loudspeaker for receiving a signal from SOLT	provided/not provided
					The line section remote monitoring system allows you to determine: the regeneration section of the DP circuit break; the number of one or more NRPs with an open cover or reduced excess pressure (the latter is only true for **NRPs that** are constantly under excess pressure	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.814.					air); regeneration section of a break or short circuit in the remote control circuit(s); error rate or continuous error count at the output of the regenerator in **the NPP** or SOLT without interruption of transmission along the digital signal path; NPP number at the output of which there is no digital signal, an increased error rate is observed, or errors are packetized	
1.815.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	interfaces (digital provided; for data input (output) data; synchronous parallel; asynchronous serial; serial with differential low-voltage signal transmission; access to data transmission networks using carrier control and collision detection)	hierarchy provided/not

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD2 CODE	EAEU HS CODE	Defined characteristic (Indicator)	Determination range
1.815	31.05.2007 No. 58, from 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14. \2.20\ 5 No. 542, OT 02.09.2008 No. 36, OT 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, FROM 28.03.2011 No. 47, OT 24.08.2006 No. \ \ 3, OT 14.09.2010 No. 124), Digital television and sound broadcasting transmission systems; Other research (testing); Methods of other research (testing) without specification					
					parameters of the input analog high-frequency interface of a television decoder	provided/not provided
					parameters of the 2048 kbit/s transmission cycle of the digital audio broadcasting signal input (output) device	provided/not provided
					MPEG-4 levels and profiles supported by the television encoder/decoder: MP@L3	provided/not provided
					television and audio broadcasting signals (images; audio accompaniment)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.815.					speed of generated television transport stream signal encoder: 2: 2 Mbit/s	provided/not provided
					clock frequency generation (2048±0.1) kHz by a digital audio broadcasting signal input (output) device in the event of a loss of synchronization signal from the digital transmission system	provided/not provided
					digital television and sound broadcasting signal conversion functions (encoding, multiplexing, demultiplexing)	provided/not provided
1.816.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated April 21, 2008, No. 45, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	types of channels (duplex; simplex; circular)	provided/not provided
					signal delay time 2048 kbit/s: :::: 600 μs	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (Indicator)	Detection range
1.816.	24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), PCI cross-connection equipment; Other research (testing); methods of other research (testing) without specification				signal delay time pch64 kbit/s: 600 μs	provided/not provided
					Signal delay time for alarm signals on dedicated channels in the 16th channel interval (CI): 7 ms	provided/not provided
					no blocking;	provided/not provided
					No errors when using cross-connection functions	provided/not provided
					No slippage when operating in synchronous mode	ensured/not ensured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.816.					Synchronization (synchronization from signal: external, internal generator, any of the information 2048 kbit/s and 155520 kbit/s; output synchronization signal 2 MHz)	provided/not provided
					switching levels (nx64 kbit/s signals (n = from **1** to 31); virtual containers VC-12, VC-3, VC-4)	provided/not provided
					automated control functions, including software (emergency event handling; configuration; quality measurement; security management (passwords, User categories	provided/not provided
1.817.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 51. Testing methodology	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Optical multiplexers (demultiplexers) input- output	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.817.	Compliance with the requirements for the functions of the switching equipment under test. (Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31 May 2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Composition fiber-optic and atmospheric optical transmission lines; Other research (testing); methods of other research (testing) without specification				optical amplifiers	provided/not provided
					Terminal optical multiplexers (demultiplexers)	Provided/Not provided
					Transponders (combiner)	Provided/Not provided
					Devices for exciting distributed amplification of optical signals in the transmission medium (Raman amplification)	provided/not provided
					optical service channel (OSC) devices	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.818	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 51. Methodology for verifying compliance with the functions of the tested of switching equipment. (orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, from 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Functions transponders (combines); Other research (testing);	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	signal transmission in optical channel WDM	provided/not provided
					conversion of the wavelengths of the initial (component) of optical signals	ensured/not ensured
					conversion of input electrical signals	provided/not provided
					conversion of the code (speed) of the original signal transmission	provided/not provided
					signal regeneration	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.818	Other research (testing) methods without specification					
1.819	Program and methodology confirmation tests type compliance, approved by the SPbGUT IC 10.01.2017. Appendix **51.** Methodology for verifying compliance with requirements for functions of the tested switching equipment. (orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Equipment communication ; Communication equipment, performing the function switching systems;	26.30;26.30.11.110	8517	Linear interface signal for the WDM system	provided/not provided
					one or more interfaces of component signals in the transponder	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.819.	28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Line signal interface signal for WDM systems and one or more component signal interfaces signals in transponder; Other research (tests); methods of other research (testing) without specification					
1.820.	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 51. Testing methodology for compliance with the functions of the device under test of switching equipment. (Orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27 August 2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated	Equipment communication; Communication equipment, performing the function switching systems ;	26.30;26.30.11.11O	8517	optical multiplexers (demultiplexers) input (output)	provided/not provided
					terminal optical multiplexers (demultiplexers)	is ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.820.	14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Allocation of optical channels; Other research (tests); methods of other research (testing) without specification					
1.821.	Program and methodology testing confirmation type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 51. Methodology for verification compliance with the functions of the tested switching equipment. (Orders of the Ministry of Communications of 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27 August 2007 No. 101, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	optical amplification Linear signal optical amplifiers	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.821	31.05.2007 No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Strengthening optical linear signal; Other research (testing); methods of other research (testing) without specification					
1.822.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (orders of the Ministry of Communications Russia dated 21.04.2008 No. 45, dated	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	control of all elements optical linear WDM path	provided/not provided
					Organization of service communications	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.822	24.04.2008 No. 47, dated 11.09.2007 No. 106, from 21.04.2008 No. 44, from 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Functions of OSC devices for fiber optical and atmospheric optical lines transmission; Other research (testing); methods of other research (testing) without specification				status management optical linear WDM	provided/not provided
1.823.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 1O.O1.2017. Appendix 51.	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.110	8517	increase in energy potential in the environment transmission by devices excitation of fiber-optic optical and atmospheric	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.823	Verification method compliance with the functions of the device under test switching equipment. (Orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27 August 2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Increasing energy potential in the transmission environment with excitation devices fiber-optic and atmospheric optical transmission lines; Other research (testing); methods of other research				of optical transmission lines	

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.823.	(tests) without specification					
1.824	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix **51.** Methodology for verifying compliance with the functions of the tested of switching equipment. (Orders of the Ministry of of Russia dated 21.04.2008 No. 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, from 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.110	8517	equipment blocks	provided/not provided
					optical channels	is ensured/not ensured
					optical paths	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.824	28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Reservation of fiber-optic and atmospheric optical transmission lines; Other research (testing); Methods of other research (testing) without specification					
1.825.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1 O.O1.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	optical interfaces CWDM	provided/not provided
					optical interfaces DWDM	provided/not provided
					Optical multiplexers (demultiplexers) input (output)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.825	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. 1 0.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Fiber-optic transmission systems with spectral division of optical channels:;Other research (testing);Methods of other research (testing) without specification				optical amplifiers (transmission, reception, linear amplifiers for C, L, and S bands)	provided/not provided
					terminal optical multiplexers (demultiplexers)	provided/not provided
					transponders (combiner)	provided/not provided
1.826.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia No. 45 dated April 21, 2008, No. 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Excitation devices distributed amplification of optical signals in transmission media	provided/not provided for

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.826	31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Devices for exciting distributed amplification of optical signals in transmission media; Other research (testing); Methods of other research (testing) without specification					
1.827.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment.	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	optical interfaces converters (converters)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.827	(Orders of the Ministry of Communications of 21.04.2008 No. 45, of 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Optical interfaces converters (converters); Other research (testing); methods of other research (testing) without specification					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.828	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 51. Methodology for testing compliance with the functions of the switching equipment. (Orders of the Ministry of Communications of of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27 August 2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Electronic interfaces optical converters for transmission systems with	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	electronic interfaces optical converters for transmission systems with frequency division of channels	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.828.	frequency division multiplexing; Other research (testing); other research (testing) methods without specification					
1.829.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 51. Methodology for verifying compliance with the functions of the tested switching equipment. (Orders of the Ministry of Communications of of 21.04.2008 No. 45, of 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30; 26.30.11.11O	8517	equipment atmospheric optical transmission lines	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.829.	21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Equipment for atmospheric optical transmission lines; Other research (testing); methods of other research (testing) without specification					
1.830.	Program and methodology for type conformity testing, approved by the IC SPbGUT lO.O1.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	in automatic mode	provided/not provided
					in manual mode	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.830	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. l 0.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Functions routing functions ensuring the formation and updating of routing tables ; Other research (tests); methods of other research (testing) without specification					
1.831.	Program and methodology confirmation tests type compliance, approved by the SPbGUT Information Center 10.01.2017. Appendix 51. Routing verification methodology compliance with functions of the tested switching equipment. (Orders of the Ministry of Communications of of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	Protocol support IP routing, ensuring formation and table update routing, in automatic mode	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.831	27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Support for IP routing protocols that ensure the formation and updating of the routing table, in automatic mode; Other research (tests); methods of other research (testing) without specification					
1.832.	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 1O.O1.2017. Appendix 51.	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.110	8517	Staff	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.832	Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Packet switching based on tina information packets; Other research (testing); methods of other research (testing) without specification				transmission protocol packet	data provided/not provided
					~~cycle~~	~~provided/not provided~~
					~~cell~~	~~provided/not provided~~

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.833	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 51. Verification methodology compliance with the functions of the tested of switching equipment. (Orders of the Ministry of of Russia dated 21.04.2008 No. 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27 August 2007 No. 101, 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Protocols, interfaces of switching and packet routing equipment	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.11O	8517	64 kbit/s	provided/not provided
					IF	is ensured/not ensured
					V5 to digital telephone stations	provided/not provided
					basic and primary access (BRA, PRA)	provided/not provided
					two-wire analog	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Detection range
1.833.	information; Other research (testing); methods of other research (testing) without specification				for distributed Data transmission via FDDI fiber optic lines and distributed data transmission via CDDI twisted pair	provided/not provided
					access to a data transmission network using carrier control and collision detection (Ethernet)	Provided/Not provided
					to optical systems equipment with spectral separation	provided/not provided
					to equipment using asynchronous transfer mode (ATM)	provided/not provided
					for equipment using frame relay mode	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.833.					to equipment operating in batch mode with connection to a transmission network via the X.25 protocol	provided/not provided
					to equipment implementing Token Ring token access technology	provided/not provided
					to data transmission networks supporting multiprotocol label switching (MPLS)	provided/not provided
					optical to synchronous digital hierarchy (SDH) equipment	provided/not provided
					Optical to linear plesiochronous digital hierarchy (PDH) equipment	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.833					Data transmission: V.24/V.28, X.21/V.11, V.35/V.28, V.36/V.11	provided/not provided
					Serial: RS-232/ V.24/V.28 RS-422/RS-485/ X.21/V.11, V.35/V.28, RS- 423/ V.36/V.1O, RS-530, RS-449	provided/not provided
					E&M signaling	provided/not provided
					station and subscriber termination of two-wire telephone channel	provided/not provided
					digital subscriber lines (xDSL)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.833					electrical equipment Plesiochronous (PDH) and synchronous (SDH) digital hierarchies	provided/not provided
1.834.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix **51.** Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated October 21, 2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	transmission switches implementing frame switching technologies	provided/not provided
					data transmission concentrators implementing frame switching technologies	provided/not provided
					converters, repeaters implementing frame switching technologies	provided/not provided
					network cards, adapters implementing frame switching technologies	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.834.	28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Types of equipment implementing frame switching technologies; Other research (testing); methods of other research (testing) without specification					
1.835.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, from	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	RS-232/V.24N.28, RS-422/RS-485/X.21N. **II,** V.35/V.28, RS-423/V.36/V.10, RS-530, RS-449	provided/not provided
					Token Ring	provided/not provided
					via distributed fiber optic interface (FDDI) or twisted pair (TP-PMD)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.835.	14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. 1 0.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Interfaces of equipment implementing frame switching technologies; Other research (testing); methods of other research (testing) without specification				on request with Priorities (l00VG AnyLAN)	provided/not provided
					by bus with token transfer (Token Bus)	provided/not provided
					using carrier control and collision detection over twisted pair of multi-pair symmetrical cable of public telephone network subscriber line (PSTN)	provided/not provided
					using carrier control and collision detection on general-purpose power supply cables (PLT)	provided/not provided
					using carrier monitoring and collision detection on shielded or unshielded twisted pair parameters, including	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.835.					symmetrical cable, coaxial cable, SINGLE-MODE AND multimode fiber optic cables (Ethernet)	
1.836.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the switching equipment under test. (Orders of the Ministry of Communications of of 21.04.2008 No. 45, 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.110	8517	Antenna-feeder devices included in composition of radio-electronic network communication devices radio access	provided/not provided
					base stations (access points) of radio access networks	provided/not provided
					bidirectional antenna amplifiers	provided/not provided
					terminal equipment (subscriber stations) of radio access networks	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.836	21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Radio access equipment for BPD; Other research (testing); Methods of other research (testing) without specification				Frequency converters	provided/not provided
					network repeaters access	provided/not provided radio
1,837	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia No. 45 dated April 21, 2008, No. 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Technical specifications of equipment	provided/not provided
					fixed access in the frequency range 30 2100 MHz, 2400–2483.5 MHz, 3400-3600 MHz, 5150 6425 MHz, 10.15 43.5 GHz	
					of the 802.11, 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac, 802.11ad, 802.11ax, 802.15, 802.16	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.837	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Radio access technologies for BPD; Other research (testing); methods of other research (testing) without specification					
1.838.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 1O.O1.2017. Appendix 51. Methodology for verifying compliance with the functions of the tested switching equipment. (Orders of the Ministry of Communications of 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27 August 2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	GLONASS or other global navigation satellite system	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.838.	Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), GLONASS or other global navigation satellite system; Other research (tests); methods of other research (testing) unspecified					
1,839.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 1O.Ol.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested of the switching equipment under test. (Orders of the Ministry of Communications of 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30. 1**l. l** lO	8517	continuous indication current operating mode radio access for BPD with indication of external synchronization source	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.839	11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Continuous indication of the current operating mode radio access for BPD with indication of the external source synchronization; Other research (tests); methods of other research (testing) without specification					

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.840	Program and methodology Confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 51. Methodology for verifying compliance with the functions of the tested switching equipment. (orders of the Ministry of of Russia dated 21.04.2008 No. 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Radio access interfaces for BPD; Other research (testing);	Equipment Communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.11O	8517	64 kbit/s interface	provided/not provided
					2048 kbit/s line interface (code NDVZ)	provided/not provided
					V5 interfaces to digital telephone stations	provided/not provided
					external synchronization interfaces	provided/not provided
					interfaces to equipment using asynchronous transfer mode	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.840	other research (testing) methods without specification				interfaces to the transmission network providing carrier control and collision detection	Provided/Not provided
					Interfaces to data transmission networks supporting IP protocols	Provided/Not provided
					Data transmission interfaces	provided/not provided
					interfaces for connection to a computer or other electronic digital device if installed inside such a device	provided/not provided
					XDSL digital subscriber line interfaces	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.840					Optical interfaces to Synchronous digital hierarchy equipment	provided/not provided
					optical linear interface of the PDH digital hierarchy of subscriber access transmission systems	provided/not provided
					electrical interfaces of PDH (Plesiochronous Digital Hierarchy) and SDH (Synchronous Digital Hierarchy) digital hierarchies	provided/not provided
1.841.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated April 21, 2008, No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Maintenance of mobile subscriber radio stations SPR, stationary user equipment connected to SPR switching equipment via a wired communication line, including dispatch communication equipment	provided/not provided for

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of determination
1.841.	31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Mobile radio communication functions; Other research (testing); Methods of other research (testing) without specification				procedure support Authentication of subscriber radio stations	provided/not provided
					Support for maintenance and operation system	Provided/Not provided
					Collection and recording of data for fee calculation	provided/not provided
					Establishing connections for voice and data transmission between SPR subscriber radio stations, between SPR subscriber radio stations and user (terminal) equipment of public telephone networks, public data transmission networks	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.841.					Establishment of for voice and data transmission between SPR dispatch equipment and SPR subscriber radio stations, between SPR dispatch equipment and user (terminal) equipment of public telephone networks, public data transmission networks	Provided/Not provided
					Establishment of connections for voice transmission in the form of two-way calls, group calls, and broadcast calls	provided/not provided
					storage and modification of subscriber database	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.842	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 51. Methodology for verifying compliance with the functions of the tested switching equipment. (Orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Protocols and interfaces of the mobile radio communication node radio communication node; Other research	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	protocols and interfaces mobile radio communication node	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.842.	(tests); other research (testing) methods without specification					
1.843	Program and methodology Confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix **51.** Methodology for testing fulfillment of requirements for the functions of the tested of switching equipment. (Orders of the Ministry of Communications of 21.04.2008 No. 45, of 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27 August 2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated January 27, 2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated January 27, 2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Equipment communication; Communication means, performing the function switching systems;	26.30; 26.30.11.110	8517	MSC switching channels (CC) and/or packet switching information (KP, MSC)	provided/not provided
					of the CCP (MSC) using packet switching technology, including the following equipment: MSC server (MSC server); media gateway (MGW); signaling gateway (SGW)	is ensured/not ensured
					visitor location register (VLR)	provided/not provided
					data transmission equipment	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Detection range
1.843.	28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Nodes IMT-MS-450 standard SPRS connections; Other research (testing); Other research (testing) methods without specification				reference register Location (ORM, NLR)	provided/not provided
					Protocols and interfaces	Provided/Not provided
					Authentication center (Auth, AuC)	provided/not provided
					control and maintenance center (CCM)	provided/not provided
1.844.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment.	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	MSC switching channels (CC) and/or information packet switching (IPS)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.844.	(Orders of the Ministry of Communications and Mass Media of Russia No. 45 dated 21.04.2008, No. 24 April 2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Nodes GSM 900/1800 standard SPRS connections; Other research (testing); Other research (testing) methods without specification				MSC with using information packet switching technology, including the following equipment: CCP server (MSC server); media gateway (MGW); signaling gateway (SGW)	provided/not provided
					Visitor Location Register (VLR)	provided/not provided
					use as part of geographically distributed communication nodes, as well as a single device within several communication nodes	provided/not provided
					Ensuring the implementation of ORM independently in each territorial administrative entity	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.844					Transmission equipment Data	provided/not provided
					equipment that implements the function of multipoint half-duplex communication in a mobile radio telephone network (RoS)	provided/not provided
					home location register (HLR)	provided/not provided
					protocols and interfaces	provided/not provided
					equipment identification register (EIR)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.844					Authentication center (Out, AuC)	Provided/Not provided
					Control center and (CC&M)	provided/not provided
1.845.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	media gateway (IMS-MGW)	provided/not provided
					subscription location function (SLF)	provided/not provided
					transition gateway (TrGW)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.845	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. 1 0.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), IMS switching equipment for GSM standard SPRS communication nodes 900/ISOO; Other research (testing); methods of other research (testing) without specification				Resource processor multimedia (MRFP)	provided/not provided
					IMS user subscription data server (HSS/IMS)	provided/not provided
					network selection control (BGCF)	provided/not provided
					Media Gateway Control (MGCF)	provided/not provided
					Border Control Function (ICBF)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.845.					Resource management multimedia (MRFC)	Provided/Not provided
					session control (CSCF), including: proxy CSCF (P-CSCF), serving CSCF (S-CSCF), requesting CSCF (1-CSCF)	provided/not provided
					billing data accounting (CCF)	provided/not provided
					subscriber access gateway (IMS-AG W)	provided/not provided
					signaling gateway (SGF)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.846	Program and methodology type conformity testing, approved by IC SPbGUT 10.01.2017. Appendix 51. Methodology for verifying compliance with functions of the tested switching equipment technology. (orders from the Ministry of of Russia dated 21.04.2008 No. 45, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), SPRS SPRS communication nodes of UMTS standard; Other research (tests); methods of other	Equipment Communication; Communication devices performing the function switching systems;	26.30;26.30.11.11O	8517	MSC (CCP) with using technology *kk*	provided/not provided
					MSC (CCP) with using switching equipment CP - MSC server (CCP server) and/or media gateway MGW(MSh)	provided/not provided
					visitor logbook location VLR (BPM)	provided/not provided
					use as part of geographically distributed communication nodes, as well as a single device as part of several communication nodes	provided/not provided
					Ensuring that ORM is carried out independently in each territorial administrative entity	Ensured/Not ensured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.846.	research (testing) without specification				Transmission equipment Data	provided/not provided
					equipment that implements the function of multipoint half-duplex communication in a mobile radio telephone network (RoS)	provided/not provided
					Home location register (HLR)	provided/not provided
					session border controller (SBC)	provided/not provided
					Equipment Identification Register (EIR)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.846					Subscriber data server HSS (Higher Security Server)	Provided/Not provided
					SLF database server	provided/not provided
					AuC authentication center (Out)	provided/not provided
					control and maintenance center (CMC)	provided/not provided
					Signaling Gateway (SGW)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.847	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia No. 45 dated April 21, 2008, No. 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Switching equipment for the IMS node of the UMTS standard SPRS communication system,	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	media gateway (IMS-MGW)	provided/not provided
					subscription location function (SLF)	provided/not provided
					transition gateway (TrGw)	provided/not provided
					Multimedia Resource Processor (MRP)	provided/not provided
					IMS user subscriber data server (HSS/IMS)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.847	Performing functions; Other research (testing); Methods of other research (testing) without specification				Network selection control (BGCF)	provided/not provided
					Media gateway control (MGCF)	Provided/Not provided
					Border interaction control (IBCF)	provided/not provided
					multimedia resource management (MRM)	provided/not provided
					Session Control Center (CSCF), including: Proxy CSCF (P-CSCF), Serving CSCF (S-CSCF), Invoking CSCF (I-CSCF)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1,847					Data logging for Charge calculation (CCF)	provided/not provided
					Subscriber access gateway (IMS-AG W)	provided/not provided
					signaling gateway (SGF)	provided/not provided
1.848.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia No. 45 dated April 21, 2008, No. 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	"SRNS context query"	provided/not provided
					"Location data request"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU Foreign Economic Activity Code	Defined characteristic (indicator)	Determination range
1.848	31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Messages of the RANAP application subsystem of the UMTS standard SPRS communication node; Other studies (tests); methods of other studies (tests) without specification				"Request to change the **radio access channel**"	provided/not provided
					"Request for radio access channel assignment"	Provided/Not provided
					"Radio access channel release request"	provided/not provided
					"Request for resource release"	provided/not provided
					"Request from communication node equipment to start issuing trace record (trace)"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.848					"Request from equipment broadcast information transmission node"	provided/not provided
					"Request for a report on the volume of unsuccessfully transmitted data"	Provided/Not provided
					"Restart request"	provided/not provided
					"Request to switch to another radio access subsystem"	provided/not provided
					"Request to disconnect the connection via the Iu interface"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.848					"Request from from communication node equipment regarding completion of trace record issuance"	provided/not provided
					"Error indication"	provided/not provided
					"RANAP information when switching to another radio access subsystem"	provided/not provided
					"Command to enable security mode on the radio interface"	provided/not provided
					"SRNS data forwarding command"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1,848.					"Initial AC message"	provided/not provided
					"Failure to obtain location data"	provided/not provided
					"Failed preparation for transition to another radio access subsystem"	provided/not provided
					"Detection of transition to another radio access subsystem"	provided/not provided
					"Common identifier"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.848.					"Release of resources connection via the interface **Iu** completed"	provided/not provided
					"Release of connection resources via the **Iu** interface**"**	ensured/not ensured
					"Response to SRNS context request"	provided/not provided
					"Response to location data request"	provided/not provided
					"Response to radio access channel assignment request"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.848					"Failure to switch to to another radio access subsystem"	provided/not provided
					"Rejection of a request for broadcast transmission of information"	provided/not provided
					"Cancellation of transition to another radio access subsystem"	provided/not provided
					"Location report"	provided/not provided
					"Report on the volume of unsuccessfully transmitted data"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.848					"Overload"	Provided/Not provided
					"**SRNS context** forwarding**"** context"	provided/not provided
					"Switch to another radio access subsystem completed"	provided/not provided
					"Transfer to another radio access subsystem"	provided/not provided
					"Restart request confirmation"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Identification range
1.848					"Confirmation of request to switch to another radio access subsystem"	provided/not provided
					"Confirmation of request for broadcast transmission of information"	Provided/Not provided
					"Confirmation of cancellation of transition to another radio access subsystem"	provided/not provided
					"Confirmation of receipt of resource release message"	provided/not provided
					"Search call"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.848					"Direct transfer information without interpretation"	provided/not provided
					"Security mode enabled"	ensured/not ensured
					"Security mode disabled"	provided/not provided
					"A transition to another radio access subsystem is required"	provided/not provided
					"Control of AS location report"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.849	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 51. Methodology for verifying compliance with the functions of the tested switching equipment. (Orders of the Ministry of Communications of 21.04.2008 No. 45, of 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Composition of the SPRS communication node with territorially distributed	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	visitor register location (VLR)	provided/not provided
					media gateway (MGW)	provided/not provided
					reference register of location and authentication center (NLR/AuC)	provided/not provided
					equipment identification register (EIR)	provided/not provided
					mobile switching center server (MSC server)	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.849.	UMTS and/or GSM 900/1800 standard architecture; Other research (testing); Other research (testing) methods without specification				control center and technical maintenance (CC and CM)	provided/not provided for
					signaling gateway (SGW)	provided/not provided
1,850.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia No. 45 dated April 21, 2008, No. 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	interaction with others with distributed communication node equipment: HLR, VLR, EIR, and radio access network equipment: base station controller (BSC)	provided/not provided
					call routing	provided/not provided
					Interoperability with other telephone network communication nodes use (PSTN),	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODKOPD 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.850.	27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30. 1 0.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Functions of the MSC server of the SPRS communication node with a geographically distributed architecture of the UMTS and/or GSM 900/1SOO standard; Other research (testing); methods of other research (testing) without specification				using information packet switching technology in the process of call handling	
					ensuring interaction with the operational control equipment of the communication node	provided/not provided
					ensuring interaction with intelligent communication network service control nodes	provided/not provided
					Ensuring the conversion of signaling protocols when interacting with circuit-switched and packet-switched networks when servicing transit connections	provided/not provided
					Priority transmission of ERA-GLONASS emergency response system messages in case of accidents	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.850					Implementation Interaction with other TfOP communication nodes that use channel switching technology via SGW signaling gateways during call handling	provided/not provided
					Registration, authorization of access, and status of terminals and gateways connected to it	Provided/Not provided
					collection of call accounting information for connection cost accounting	provided/not provided
					management of mobility during outgoing and incoming calls	provided/not provided
					Call service management, determination of call service process status generation management	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1,850					acoustic signals and Auto-informer phrase	
					Network resource management (bandwidth, MGW ports)	provided/not provided
					management of MGW gateways connected to it during call handling	provided/not provided
1.851.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated April 21, 2008, No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	data exchange with HLR, EIR, MSC server, VLR previous service area during mobile station (MS) registration, call handling, service provision, mobility functions VLR	provided/not provided by

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.851	31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Functions of the VLR of the SPRS communication node with the geographically distributed architecture of the UMTS and/or GSM 900/1800 standard; Other research (testing); methods of other research (testing) without specification				storage of data on SPRS subscribers currently registered in the service area of one or more MSC servers served by it	provided/not provided for
1.852.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with requirements for	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	data exchange with MSC the server, VLR zone in which the serviced MS is registered, with the GMSC server during call handling,	provided/not provided by

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.852.	functions of the switching equipment under test. (Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), **HLR** functions of the SPRS communication node with the geographically distributed architecture of the UMTS and/or GSM 900/1800 standard; Other research (testing); methods of other research (testing) without specifying				service provision, HLR mobility functions	
					Subscriber data management (creation of subscriber data, deletion of subscriber data, modification of subscriber data, request for subscriber data)	Provided/Not provided
					storage of subscriber database for subscribers assigned to this SPRS network	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.853	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 51. Verification method compliance with functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated April 21, 2008, No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Authentication parameters AuC of the SPRS communication node with territorial	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	arbitrary number RAND, expected response XRES, encryption key SK, integrity key IK and authentication symbol AUTN (for the standard UMTS requirements)	provided/not provided
					random number RAND, response SRES, and encryption key Kx (for GSM 900/1800 standard)	secured/unsecured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.853	Distributed architecture of the UMTS and/or GSM 900/1800 standard; Other research (testing); Methods of other research (testing) without specification					
1.854	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated April 21, 2008, No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	MS access to emergency operational services regardless of the IMEI check result	provided/not provided
					International mobile equipment identifiers divided into three lists: white list, black list, gray list	provided/not provided
					IMEI check for each MS access attempt to the SPRS	provided/not provided
					IMEI format	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.854	27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), EIR functions of the SPRS communication node with the geographically distributed architecture of the UMTS and/or GSM 900/1800 standard; Other research (testing); methods of other research (testing) without specification				IMEISV format	provided/not provided
					stored international identifier MS equipment (IMEI) or international equipment identifier and MS equipment software version (IMEISV)	provided/not provided
1.855.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Interaction with MSC by the server during the transmission and reception of user information	provided/not provided
					Insertions into the user information stream (generation of acoustic signals and tone dialing signals, generation of comfort noise)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.855.	05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Functions of the MGW of the SPRS communication node with the geographically distributed architecture of the UMTS and/or GSM 900/1800 standard; Other research (testing); methods of other research (testing) without specification				detection of events in user information	provided/not provided
					processing of user information received from the network with CC (encoding, packetization, echo compensation, buffer management, jitter elimination, corrective actions in case of packet loss)	provided/not provided
					reverse conversions	provided/not provided
					TfOP interface with the user data connection point of GSM 900/1800 radio access networks	provided/not provided
					Interface of the communication node with distributed architecture using technology packet switching on	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.855.					Based on the IP protocol, with an SSOP access port with CC, converting user network information from CC into IP network packets and vice versa Mobility functions	Provided/Not provided
1.856.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Protocol conversion the transport level of the network with packet switching in MTP2, MTP3, SCCP subsystems signaling via the common channel OKE No. 7, used on the network with CC, and back	provided/not provided at

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.856	14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Functions SGW functions of the SPRS communication node with territorially distributed architecture of the UMTS and/or GSM 900/1800; Other research (tests); methods of other research (testing) unspecified					
1.857.	Program and methodology testing confirmation type conformity, approved by the SPbGUT IC January 10, 2017. Appendix 51. Methodology for verifying compliance with the functions of the tested of switching equipment. (Orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	intellectual peripheral (IP)	provided/not provided
					service management node (SMP)	provided/not provided

No. P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.857.	24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Composition switching and control functions of SPRS communication node services with a geographically distributed architecture of the UMTS and/or GSM 900/1800 standard; Other research (testing); methods of other research (testing) without specification				service data point (SDP)	provided/not provided
					service switching node (SSP)	provided/not provided
					Service Creation Environment (SCEP)	provided/not provided
					Service Control Point (SCP)	provided/not provided
					service node (SN)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.857.					Maintenance and operation center	Provided/Not provided
1.858	Program and methodology Confirmation testing type conformity, approved by the SPbGUT IC 10.01.2017. Appendix **51.** Methodology for verifying compliance with the requirements for the functions of the switching equipment under test. (Orders of the Ministry of Information and Communications Russia dated 21.04.2008 No. 45, on 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Equipment Communication; Communication means, performing the function switching systems;	26.30;26.30.11.110	8517	Installation of service software Communication without disruption appropriate software previously introduced services communications under the control of SMP	provided/not provided
					collection of statistical data and transmission of this data to SMP	ensured/not ensured
					management of procedures performed by SSP and IP equipment in accordance with the specified logic of communication services and requests received from SSP and IP	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.858	28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), SCP node SPRS connections with the geographically distributed architecture of the UMTS and/or GSM 900/1800 standard; Other research (testing); Methods of other research (testing) without specification					
1.859.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications of Russia No. 45 dated April 21, 2008, No. 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	communication network configurations	provided/not provided
					users	provided/not provided
					communication services	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.859	14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Storage and updating of SDP data of the SPRS communication node with territorially distributed architecture of the UMTS and/or GSM 900/1800; Other research (tests); methods of other research (testing) unspecified					
1.860.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 1O.O1.2017. Appendix 51. Verification methodology compliance with the functions of the tested switching equipment. (Orders of the Ministry of Information and Communications	Equipment communication; Communication, performing the function of switching systems;	26.30;26.30.11.11O	8517	necessary funds for applied programming and testing the logic of services communications	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.860	Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), SCEP node connection node SPRS with territorially distributed architecture of the UMTS and/or GSM 900/1800; Other research (tests); methods of other research (testing) without specification				creation of communication services (creation of service logic communication and description of the array communication service data)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.861	Program and methodology testing confirmation type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 51. Verification methodology compliance with requirements for the functions of the tested of the switching equipment. (Orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27 August 2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), SMP node connection node SPRS with territorially distributed	Equipment communication; Communication means, Performing the function switching systems;	26.30;26.30.11.11O	8517	Administrative equipment management SCP, SDP in the process technical operation;	provided/not provided
					the possibility of modifying the logic of communication services by the communication operator, modifying these communication services by both the communication operator and users	is ensured/not ensured
					the ability to track and indicate abnormal and emergency situations	provided/not provided
					receipt from SCP processing and provision of statistical data	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.861	UMTS and/or GSM 900/1800 standard architecture; Other research (testing); Other research (testing) methods without specification					
1.862	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 51. Methodology for verifying compliance with the functions of the tested switching equipment. (Orders of the Ministry of Communications of of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21 April 2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated	Equipment communication; Means of communication, performing the function switching systems;	26.30; 26.30.11.11O	8517	dialogue with SCP to obtain instructions for further call processing	provided/not provided
					call handling in in accordance with instructions, received from SCP	provided/not provided
					suspension of the call handling process	provided/not provided
					call recognition	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.862	30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), SSP node connection node SPRS with territorially distributed architecture of the UMTS and/or GSM 900/1800; Other research (tests); methods of other research (testing) without specification					
1.863.	Program and methodology testing confirmation type conformity, approved by the IC SPbGUT I O.O1.2017. Appendix 51. Methodology for verifying compliance with requirements for functions of the tested of switching equipment. (orders of the Ministry of Communications Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders	Equipment communication; Communication equipment, performing the function switching systems;	26.30;26.30.11.11O	8517	Issued to users voice messages under SCP management	provided/not provided
					reception and transmission in SCP of frequency-set signals numbers coming from user (terminal) equipment	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.863	Ministry of Communications of Russia 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), IP node connection node of the SPRS with territorially distributed architecture of the UMTS and/or GSM 900/1800; Other research (tests); methods of other research (testing) unspecified					
1.864.	Program and methodology testing confirmation type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 51. Methodology for verifying compliance with the functions of the tested switching equipment.	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.110	8517	Issuance to subscribers (to users) of voice messages in accordance with specified service logic communications	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.864.	(Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21 April 2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), SN node SPRS connections with the geographically distributed architecture of the UMTS and/or GSM 900/1800 standard; Other research (testing); methods of other research (testing) without specification				entry, storage, and Data update	provided/not provided
					Installation of new communication services software without disrupting the corresponding software of previously introduced communication services under the control of SMP	Provided/Not provided
					Call handling in accordance with the logic of communication services	provided/not provided
					reception of frequency dialing signals coming from user (terminal) equipment	provided/not provided
					call recognition	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.864					Collection of statistical this data to SMP	data and transmission of
					management of procedures SSP in in accordance with the specified logic of communication services and requests received from SSP	provided/not provided by
1.865.	Type conformity testing program and methodology, approved by the SPbGUT IC on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated April 21, 2008, No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Technical maintenance SDP, SSP, IP, SN, including combinations thereof in the form of combined equipment	provided/not provided SCP,

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.865.	02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Technical maintenance of SCP, SDP, SSP, IP, SN, including their combinations in the form of combined SPRS communication node equipment with a geographically distributed architecture of the UMTS and/or GSM 900/1800 standard; Other research (testing); methods of other research (testing) without specification					
1.866.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	mechanism in equipment SSP, SN, ensuring stable operation of equipment during changes in the load of the SPRS communication node	provided/not provided SCP,

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.866.	Switching equipment. (Orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Mechanism in SCP, SSP, SN equipment, ensuring stable operation of equipment during changes in the load of the of the SPRS communication node with geographically distributed architecture of the UMTS and/or GSM 900/1800; Other research					

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.866.	(tests); other research (testing) methods without specification					
1.867	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix **51.** Methodology for verifying compliance with the functions of the tested switching equipment. (Orders of the Ministry of Communications of 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Equipment Communication; Communication facilities, performing the function switching systems;	26.30;26.30.11.110	8517	data recording equipment for charging fees for communication services in equipment SCP, SSP, SN SPRS communication node	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.867.	28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Data recording equipment for calculating charges for communication services in SCP, SSP, SN equipment of an SPRS communication node with a geographically distributed architecture of the UMTS and/or GSM 900/1800 standard; Other research (testing); methods of other research (testing) without specification					
1.868.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	SCP HLR, SCP MSC in in accordance with MAR	provided/not provided
					SCP SSP, SCP IP in accordance with the CAMEL application protocol (CAP)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.868.	05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), GSM 900/1800 standard equipment interfaces for SPRS communication nodes with a geographically distributed architecture ;Other research (testing);methods of other research (testing) without specifying				CAP protocol operation, SCP SSP interface	provided/not provided
					CAP protocol operations, SCP interface - IP	provided/not provided
					GSM MAP protocol operations, SCP HLR interface	provided/not provided
					GSM MAP protocol operations, SCP MSC interface	provided/not provided
1,869.	Type conformity testing program and methodology, approved by the IC SPbGUT on 10.01.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	"SRNS context request"	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU Foreign Economic Activity Code	Defined characteristic (indicator)	Definition range
1.869	of switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Communications of the RANAP application subsystem of the SPRS communication node with the geographically distributed architecture of the UMTS and/or GSM 900/1800 standard; Other research (testing); methods of other research (testing) without specification				"Request for data on location"	provided/not provided
					"Request for radio access channel change"	Provided/Not provided
					"Radio access channel assignment request"	provided/not provided
					"Radio access channel release request"	provided/not provided
					"Resource release request"	provided/not provided

N P/P	Documents establishing rules and methods for research **(testing) and measurements**	**Name of object**	**Code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Detection range**
1.869					"Request from equipment of the communication node to start issuing a trace record (trace)"	provided/not provided
					"Request from the equipment of the broadcast information communication node"	Provided/Not provided
					"Request for a report on the volume of unsuccessfully transmitted data"	provided/not provided
					"Restart request"	provided/not provided
					"Request to switch to another radio access subsystem"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.869					"Request for disconnection via the interface **Iu**"	provided/not provided
					"Request from the communication node equipment to terminate the issuance of the trace record"	Provided/Not provided
					"Error indication"	provided/not provided
					"RANAP information when switching to another radio access subsystem"	provided/not provided
					"Command to enable security mode on the radio interface"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1,869.					"The SRNS forwarding command is data"	provided/not provided
					"Initial AC message"	provided/not provided
					"Failure to obtain location data"	provided/not provided
					"Failed preparation for transition to another radio access subsystem"	provided/not provided
					"Detection of transition to another radio access subsystem"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (Indicator)	Range of determination
1.869					"General identifier"	provided/not provided
					"Release of connection resources via the **Iu** interface completed"	Provided/Not provided
					"Release of connection resources via the Iu interface"	provided/not provided
					"Response to SRNS context request"	provided/not provided
					"Response to location data request"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.869					"Response to a request for radio access channel assignment"	provided/not provided
					"Refusal to switch to another radio access subsystem"	Provided/Not provided
					"Rejection of broadcast information transmission request"	provided/not provided
					"Cancellation of transition to another radio access subsystem"	provided/not provided
					"Location report"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.869					"Report on the volume of unsuccessfully transmitted data"	provided/not provided
					"Overload"	provided/not provided
					"SRNS context forwarding"	provided/not provided
					"Switch to another radio access subsystem completed"	provided/not provided
					"Switch to another radio access subsystem"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.869					"Confirmation of request restart request"	provided/not provided
					"Confirmation of request to switch to another radio access subsystem"	provided/not provided
					"Confirmation of request for broadcast transmission of information"	provided/not provided
					"Confirmation of cancellation of transition to another radio access subsystem"	provided/not provided
					"Confirmation of receipt of resource release message"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Detection range
1.869					"Search call"	provided/not provided
					"Direct transfer of information without interpretation"	Provided/Not provided
					"Security mode enabled"	enabled/not enabled
					"Safety mode disabled"	provided/not provided
					"Requires transition to another radio access subsystem"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.869.					"AS location report management"	provided/not provided
1.870.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix **51.** Methodology for verifying compliance with the functions of the tested switching equipment. (Orders of the Ministry of Communications of of 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated	Equipment communication; Means of communication, performing the function of switching systems ;	26.30;26.30.11.110	8517	BSSMAP messages, transmitted to interface between MSC server and subsystem BSS base stations	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.870	28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Applied subsystem of the base station system BSSAP of the SPRS communication node with territorially distributed architecture of the UMTS and/or GSM 900/1800; Other research (testing); methods of other research (testing) unspecified					
1.871.	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center I O.O1.2017. Appendix 51. Methodology for testing fulfillment of requirements for the functions of the tested of switching equipment. (orders of the Ministry of Communications of Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.11O	8517	use in the composition territorial distributed nodes communication, as well as one device as part of several communication nodes	provided/not provided
					Mobility Management Entity (MME)	ensured/not ensured

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Identification range
1.871.	Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated January 27, 2009 No. 10, dated 14 December 2015 No. 541, dated October 21, 2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), LTE standard switching equipment; Other research (testing); Methods of other research (testing) without specification				ensuring implementation ORM independently in each territorial-administrative entity	ensured/not ensured
					equipment implementing policy and charging rules functions (PCRF)	provided/not provided
					Equipment implementing the Diameter Agent (DA) function to determine the location of a user's subscription if there are several HSSs on the operator's network	provided/not provided
					Serving GPRS Support Node (SGSN)	provided/not provided
					Serving Gateway (S-GW)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.871.					provision of transmission services and telephone connection via IMS switching equipment to users of LTE/LTE-Advanced standards (UE connection procedure to the radio access network (EPS); data channel activation procedure in EPS; allocation of IP address P-CSCF; IMS registration procedure)	provided/not provided
					Equipment Identity Register (EIR)	provided/not provided
					Home Subscriber Server (HSS)	provided/not provided
					control and maintenance center (CC&M)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.871					Gateway for interaction with networks using packet switching technology (Packet Data Networks Gateway, PDN GW)	Provided/Not provided
1.872	Program and methodology Confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 51. Methodology for verifying compliance with requirements for functions of the tested of switching equipment. (Orders of the Ministry of of Russia dated 21.04.2008 No. 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, from 27.08.2007 No. 101, dated 31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated	Equipment communication; Communication equipment, Performing the function switching systems;	26.30;26.30.11.110	8517	Media gateway (IMS-MGW)	provided/not provided
					determination location of the subscription (SLF)	ensured/not ensured
					transition gateway (TrGw)	provided/not provided
					multimedia resource processor (MRP)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.872.	21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), LTE standard switching equipment; IMS switching equipment performing functions; Other research (testing); Methods of other research (testing) without specification				Subscriber server user data IMS (HSS/IMS)	provided/not provided
					network selection control (BGCF)	provided/not provided
					Media Gateway Control (MGCF)	provided/not provided
					Inter-border control (IBCF)	provided/not provided
					Multimedia Resource Control (MRFC)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.872.					Session Control Function (CSCF), including: proxy CSCF (P-CSCF), servicing CSCF (S-CSCF), intermediate CSCF (I-CSCF)	provided/not provided
					data accounting for fee calculation (CCF)	provided/not provided
					subscriber access gateway (IMS-AG W)	provided/not provided
					signaling gateway (SGF)	provided/not provided
1.873.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	use of VTS (dedicated STP)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.873.	Switching equipment. (Orders of the Ministry of Communications Russia dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007, No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Application of VTS (allocated STP); Other research (tests); methods of other research (testing) without specification					

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.874	Program and methodology testing confirmation conformity, approved by the IC SPbGUT 10.01.2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the switching equipment under test. (Orders of the Ministry of Communications of 21.04.2008 No. 45, of 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated May 31, 2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Functions VTS; Other research (tests); methods of other research (testing)	Equipment communication; Communication devices that perform the function of switching systems;	26.30;26.30.11.11O	8517	protection against unauthorized access to the network OKE No. 7	provided/not provided
					signal message routing	provided/not provided
					processing of signaling network control messages	provided/not provided
					signal transmission, traffic	provided/not provided
					collection of statistics on signal messages	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of facility	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.874.	without clarification				Compatibility with alarm points that are part of local, zone, and international communication nodes	provided/not provided
					broadcast of global header	provided/not provided
					accounting for signaling traffic for mutual settlements between communication operators	provided/not provided
1.875.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 51. Methodology for verifying compliance with the requirements for the functions of the tested switching equipment. (Orders of the Ministry of Communications and Mass Media of Russia dated April 21, 2008, No. 45, dated 24.04.2008 No. 47, dated 11.09.2007 No. 106, dated 21.04.2008 No. 44, dated 27.08.2007 No. 101, dated	Communication equipment; Communication devices that perform the function of switching systems;	26.30;26.30.11.110	8517	measurements on the processor	provided/not provided
					control and correction method of technical operation, registration and processing of key operational data on signaling load accounting and service quality control	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.875	31.05.2007 No. 58, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 14.12.2015 No. 542, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 14.12.2015 No. 541, dated 21.10.2009 No. 133, dated 27.06.2011 No. 160, dated 30.10.2009 No. 136, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47, dated 24.08.2006 No. 113, dated 14.09.2010 No. 124), Collection statistics and quality control of VTS services; Other research (testing); methods of other research (testing) without specification				load control subsystem and collection statistics; procedures: receipt, collection, and registration of data; analysis and processing of data; presentation of analysis results	provided/not provided load
					collection of statistics for subsystems oke No. 7	provided/not provided
1.876.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the transmission subsystem	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Maintenance interactions related to services	provided/not provided user

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.876.	multimedia messages (Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Session Control Functions (SSCF); Other research (testing); methods of other research (testing) without specification				tracking multimedia sessions	provided/not provided
					Support for multimedia sessions	Provided/Not provided
					Disconnection of multimedia sessions	provided/not provided
					multimedia session setup	provided/not provided
1,877.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the equipment under test	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Interaction with the use of the Diameter (with CCF equipment via the Rf interface; with the RACS subsystem via the Gq' interface; with NASS subsystem equipment via the e2 interface)	provided/not provided by

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Range of determination
1.877.	multimedia messaging subsystems (Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14 December 2015 No. 541, 21.03.2017 No. 129, dated 28.03.2011 No. 47), CSCF proxy functions (МССФ); Other research (testing); methods of other research (testing) without specification				Interaction with using the MEGACO/H.248 protocol (with IMS AGW via Iq interface)	provided/not provided
					Interaction using the SIP protocol (with other CSCF equipment of the same communication node via the Mw interface; with IBCF equipment via the Mx interface; with user equipment (UE), with AGCF equipment via the Gm interface)	provided/not provided
					Compression/decompression of SIP messages depending on the resources provided by the access technology used	provided/not provided
					Registration and authentication of accounts	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.877.					Network concealment topology	provided/not provided
					Entry point into the telecommunications operator's network for users using CPE/MSAN class equipment via the SIP protocol	Provided/Not provided
					Quality of service management	provided/not provided
1.878.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101,	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	SIP message analysis	provided/not provided
					Interaction using the Diaшeter protocol (with equipment: HSS/UPSF via the Cx interface, SLF via the Dx interface, CCF via the Rf interface)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.878	dated May 31, 2007, No. 58, orders of the Ministry of Communications of Russia dated December 14, 2015, No. 542, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Functions of CSCF (S-CCSF) service equipment; Other research (testing); methods of other research (testing) without specification				Interaction with using the SIP protocol (with other CSCF equipment of the same communication node via the Mw interface; with equipment: MGCF via the Mg interface, MRFC via the Mr interface, BGCF via the Mi interface, ICF via the Mx interface, AS (ASF) via the ISC interface)	provided/not provided
					interaction with the data accounting system for billing	provided/not provided
					SIP message routing	provided/not provided
					Receipt of user profile data from HSS (UPSF)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.878					Session management including terminal registration	provided/not provided user,
					network management resources	provided/not provided
1.879.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, No. 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Functions of CSCF requesting equipment (1-	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	interaction with using the Diameter protocol (with equipment: HSS/UPSF via the X interface, SLF via the Dx interface, CCF via the Rf interface)	provided/not provided
					Interaction using the SIP protocol (with other CSCF equipment of the same communication node via the Mw interface; with equipment: MGCF via the Mg interface, MRFC via the Mg interface, BGCF via the Mi interface, ICF via the Mx interface, AS (ASF) via the Ma interface)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.879	CCSF); Other research (testing); methods of other research (testing) without specifying				contact point with the network the telecommunications operator IMS connections intended for subscribers of this telecommunications operator, or for subscribers currently located within the coverage area of this telecommunications operator	provided/not provided by for all
					~~transit routing~~	~~provided/not provided~~
1.880.	Type conformity testing program and methodology, approved by the SPbGUT Testing Center on January 10, 2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia messaging subsystem (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015,	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	user database, in stores subscriber identifiers, subscriber number and address information, access control information for user authentication and authorization, user location information, user profile	secured/unsecured, which

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Scope of definition
1,880.	14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), User Profile Server/Home Subscriber Server (UPSF/HSS/AnS) functions; Other research (testing); methods of other research (testing) without specification				interaction with using the Diameter protocol (with equipment: I/S-CSCF via the Cx interface, AS (ASF) via the Sh interface)	provided/not provided
					Interaction using the MAP protocol (with GMSC-ceper (GMSC) equipment via the C interface; MSC-ceper/VLR (MSC/VLR) via the D interface)	provided/not provided
					calculation, storage, and provision of data for authentication (AnS)	provided/not provided
					support for user authentication, identification, and mobility, support for establishing session	provided/not provided
1.881.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Interaction with the use of the Diameter protocol (with equipment: I/S-CSCF via Dx interface, AS (ASF) via	provided/not provided by

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.881.	Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14 December 2015 No. 541, 21.03.2017 No. 129, dated 28.03.2011 No. 47), Subscription Location Function (SLF); Other research (testing); methods of other research (testing) without specifying				Dh interface)	
					location determination database (UPSF) containing data on a specific subscriber, in response to a request from I/S-CSCF when registering a subscriber, from S-CSCF when a subscriber initiates a session, or from an application server	provided/not provided
1.882.	Type conformity assessment test program and methodology, approved by the SPbGUT Testing Center on January 10, 2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem	Communication equipment; Communication devices that perform the function of switching systems;	26.30;26.30.11.11O	8517	Interaction (conversion) of protocols between ISUP-R and SIP, SIP-T, SIP-I	provided/not provided
					Interaction between IMS-MGCF using the SIP protocol (with equipment/\ BGCF via Mj interface, I-CSCF, S-	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code 2	EAEU HS code	Defined characteristic (indicator)	Call determination range
1.882.	(Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14 December 2015 No. 541, 21.03.2017 No. 129, dated 28.03.2011 No. 47), Media gateway control functions (IMS-MGCF, MGCF, GMSC server, MSS server/VLR); Other research (testing); Methods of other research (testing) without specification				CSCF via Mg interface)	
					Interaction using the Diameter protocol with CCF equipment via the Rf interface	provided/not provided
					Interaction with IMS-MGW equipment using the MEGACO/H.248 protocol via the the ML (IMS) and MS interfaces	provided/not provided
					Interaction using SIGTRAN group protocols with SGF equipment via the le interface	provided/not provided
					Call routing to a network node using CP technology in the case of incoming calls from communication networks operating on CC technology, or to a network signaling point OKE No. 7 in the case of calls from communication networks,	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.882					operating on the technology KP, depending on the accepted alarm information	
					When performing GMSC-cepa functions, request routing data from HSS (HLR); interact with HSS/AuC equipment via the MAP protocol using the C interface	provided/not provided
					when implementing MSS server functions switching, connection management, additional services, collection of information on payment for services provided, management of radio resources of the radio access network connected to it, management of call transfer procedures, management of user registration procedures, updating of subscriber location; interaction using the RANAP protocol with equipment	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.882.					Radio access networks Iu interface	
					when performing MSC-cepvera/VLR functions, storing and updating data on subscribers temporarily located in the MSC server service area; interaction with the implementation of the MAP protocol with HSS/AuC equipment via the D interface; interaction of VLR with the implementation of the MAP protocol with VLR equipment via the G interface	provided/not provided
					media gateway (MGW) equipment management: assignment and disconnection of media gateway resources, as well as modification of their use resources	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.883	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix Appendix 52. Methodology verification of compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14 December 2015 No. 541, 21.03.2017 No. 129, dated 28.03.2011 No. 47), Multimedia Resource Management Functions (MRF); Other research (testing); methods of other research (testing) without specifying	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Interaction with the use of the Diameter protocol with CCF equipment via the Rf	provided/not provided by
					interaction using the MEGASO/H.248 protocol with MRFP equipment via the Mr interface	provided/not provided
					Interaction using the SIP protocol with I/S-CSCF equipment via the Mr interface	provided/not provided
					control of MRFP equipment located at the transport level	provided/not provided -
1.884.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix Appendix 52. Methodology for verifying compliance	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.1**l.l l** O	8517	Interaction using the MEGASO/H.248 protocol with MRFC equipment via the Mp interface	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.884.	Requirements for the functions of the tested equipment of the multimedia message transmission subsystem (Orders of the Ministry of Communications and Mass Media of Russia No. 101 dated August 27, 2007, No. 58 dated May 31, 2007, Orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14 December 2015 No. 541, 21.03.2017 No. 129, dated 28.03.2011 No. 47), Multimedia Resource Processor (MRP) functions; Other research (testing); methods of other research (testing) without specifying				interaction with the use of RTP and RTCP protocols with other elements of the transport layer of the communication network via the MB interface	provided/not provided by MS-MGW and
					ensuring the set resources to support services at the transport level (bridges for multilateral conferences, notification of subscribers, transcoding of information)	provided/not provided
1.885.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Interaction with using the Diameter protocol with CCF equipment via the Rf interface	provided/not provided
					Interaction using the SIP protocol (with other BGCF equipment of the same communication node via the Mk interface; with equipment: 1/S-CSCF via the Mi interface, MGCF	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.885.	Ministry of Communications of Russia dated 14.12.2015 No. 542, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Communication network selection management functions (BGCF); Other research (testing); Methods of other research (testing) without specification				via the Mj interface, IBCF via the Mx interface, P-CSCF via the Mx interface)	
					selection of a communication network operating on IMS technology, in which interaction with a communication network operating on CC technology or MGCF will take place	provided/not provided
					routing based on telephone number information obtained from SIP protocol messages, administrative information, and/or database access	provided/not provided
					Transit traffic routing	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.886	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14 December 2015 No. 541, 21.03.2017 No. 129, dated 28.03.2011 No. 47), Border interaction functions (IBCF); Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	interaction with using the Diameter protocol with CCF equipment via the Rf interface	provided/not provided
					Interaction using the Diameter protocol with RACS subsystem equipment via the Gq' interface	provided/not provided
					Interaction using the MEGACO/H.248 protocol with TrGW/BGF via the Ix interface	provided/not provided
					Interaction using the SIP protocol *with CSCF equipment of other communication nodes and with BGCF equipment via the Mx interface; with the IBCF of another communication node using IMS technology via the Ici interface; with other IP subsystems (including external IMS, PES, PSS subsystems) via the Ic interface)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Scope of definition
1.886.					interaction with IWF equipment via the lb interface	provided/not provided
					selection of alarm type and generation of fee accrual data records	provided/not provided
					implementation of SIP and SDP protocols to establish communication between SIP applications based on IPv6 and SIP applications based on IPv4	provided/not provided
					Hiding of network topology	provided/not provided
					Transit routing	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.886					Gateway control TrGW/BGF using MEGASO/H.248 protocol based on analysis of SIP and SDP protocol information when establishing connections with other communication nodes using IMS technology or other networks operating on the basis of the IP protocol	Provided/Not provided
					Information filtering signaling based on telecommunications operator policy and message source information (message recipient)	provided/not provided SIP
1.887.	Type conformity testing program and methodology, approved by the SPbGUT Testing Center on January 10, 2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (orders of the Ministry of Communications	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	interaction with of the Diameter protocol with IMS element equipment (CSCF, IBCF, BGCF, MGCF, MRFC) via Rf, Ro	is/is not ensured by the use

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.887.	of Russia dated August 27, 2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14 December 2015 No. 541, 21.03.2017 No. 129, dated 28.03.2011 No. 47), Data accounting functions for fee calculation (CCF, CG); Other research (testing); Methods of other research (testing) without specifying				transfer of collected accounting data in the automated settlement system (ASS)	provided/not provided
					collection and storage of accounting data related to telephone connections and multimedia sessions	Provided/Not provided
					collection of accounting data for immediate determination of the cost of user sessions	provided/not provided
1,888.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	interaction with using the Diameter protocol (with equipment: UPSF/HSS via the Sh interface, SLF via the Dh interface)	provided/not provided
					Interaction using the SIP protocol (with equipment: S-CSCF via the ISC interface, I-CSCF via the Ma interface)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.888	14.12.2015 No. 542, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Application server functions (AS, ASF); Other research (testing); Methods of other research (testing) without specifying				data transmission for in data recording equipment for billing (CCF, CG)	ensured/not ensured billing
					service implementation multimedia	provided/not provided
1,889.	Type conformity testing program and methodology, approved by the SPbGUT Testing Center on January 10, 2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14 December 2015 No. 541, 21.03.2017 No. 129, dated 28.03.2011 No. 47), Transit functions (TF); Other studies	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Called address analysis user	provided/not provided
					Interaction with MGCF, BGCF, or IBCF using the SIP protocol depending on the selected TF session route	provided/not provided
					session route selection	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.889	(tests); methods of other studies (tests) without specifying				data recording function for calculation (CCF), if the TF function is implemented in separate equipment	provided/not provided fee
1.890.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14 December 2015 No. 541, 21.03.2017 No. 129, dated 28.03.2011 No. 47), Media gateway functions (IMS-MGW); Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Interaction standard interfaces of the public communications network with the telephone communications network operating on CC technology	provided/not provided
					interaction using the MEGASO/H.248 protocol with media gateway control equipment (IMS-MGCF, MGCF, GMSC-cever, MSC-cever/VLR) via Mn, Ms interface	provided/not provided
					Interaction using RTP and RTCP protocols with MRFP and other transport layer elements of the communication network via the Mβ interface	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.890.					media conferences	provided/not provided
					Transmission of tonal signals and voice messages	Provided/Not provided
					Media pairing and transcoding (RTP streams in IP networks) when transmitting user traffic between networks using KP and *KK* communication technologies in telephone networks	Provided/Not provided
1,891.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (orders of the Ministry of Communications	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Interaction with using the MEGASO/H.248 protocol with ICF equipment via the Ix interface	provided/not provided
					Interaction using RTP and RTCP protocols with network transport layer elements connection; with TrGW of another node	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.891.	Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Functions of transition gateway equipment (TrGW); Other research (testing); methods of other research (testing) without specifying				connection using IMS technology via the Izi reading multimedia information under the control of IBCF to establish communication between end users connected to different communication nodes	provided/not provided
1.892.	Type conformity testing program and methodology, approved by IC SPbGUT 1O.O1.2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14 December 2015 No. 541, dated March 21, 2017 No. 129, from	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Interaction with using the MEGASO/H.248 protocol (with equipment: IBCF via the Ix interface, RACS via the Ia interface)	provided/not provided
					Interaction using RTP and RTCP protocols with communication network transport layer elements, with UE user equipment	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.892.	28.03.2011 No. 47), Border Gateway Function (BGF); Other research (testing); methods of other research (testing) without specification				Interaction between two communication networks operating using KP technology at the transport level	provided/not provided
					Interaction between equipment located at the access level and core network equipment	provided/not provided
					Interaction between communication networks operating under IPv4 and IPv6 protocols	provided/not provided
					Packet labeling for outgoing traffic	provided/not provided
					IP address and port number translation (NAPT)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1,892					resource allocation and Reservation of bandwidth for traffic transmission	provided/not provided
					Topology concealment	provided/not provided
					incoming traffic management, protection of IP addresses from misleading interference	provided/not provided
					Filtering packets by IP address (port)	provided/not provided
1.893.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the equipment under test	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Interaction with the use of SIGTRAN group protocols with MGCF equipment via the Ie interface	provided/not provided by

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.893	Multimedia message transmission subsystems (Orders of the Ministry of Communications and Mass Media of Russia No. 101 dated August 27, 2007, No. 58 dated May 31, 2007, Orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Alarm gateway functions (SGF); Other research (testing); methods of other research (testing) without specifying				interaction with telephone communication network, operating on CC technology, on standard public communications network interfaces using OKS No. 7 signaling	provided/not provided by a
					~~conversion~~ signaling of subsystems MTR, SCCP OKC No. 7 signaling into the corresponding SIGTRAN group protocols between a communication network operating on CC technology and a communication network operating on CP technology based on the IP protocol	~~provided/not provided~~
1.894.	Type conformity testing program and methodology, approved by the SPbGUT IC 1O.O1.2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	interaction based on least one of the protocols N.248, EDSS1, V5, SIGTRAN with AGF equipment	provided/not provided by at

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.894	(Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14 December 2015 No. 541, 21.03.2017 No. 129, dated 28.03.2011 No. 47), Access Gateway Control Functions (AGCF); Other research (testing); methods of other research (testing) without specification				interaction with use of the protocol SIP with P-CSCF equipment via the Gm	ensured/not ensured by the
					gateway control AGF access, registration, and authorization of AGF users, line status monitoring, dialing	provided/not provided for
1.895.	Type conformity testing program and methodology, approved by the SPbGUT Testing Center on January 10, 2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (orders of the Ministry of Communications of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14 December 2015 No. 541, 21.03.2017 No. 129, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	interaction with using the Diameter protocol (with P-CSCF equipment and IBCF equipment via the Gq' interface, NASS subsystems via the e4 interface)	provided/not provided
					interaction using the MEGACOffi.248 protocol with BGF equipment via the Ia interface	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.895.	28.03.2011 No. 47), Functions of the access and resource management subsystem (RACS); Other research (testing); methods of other research (testing) without specification				access to services, provided by the border gateway, including gateway management and network address translation	provided/not provided
					Resource reservation	provided/not provided
					Access control	provided/not provided
1.896.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	interaction with with IBCF equipment via the lb interface, with other IP networks using H.323 or SIP-1 protocols via the lw interface	provided/not provided
					exchange of signaling information between IMS and other IP subsystems in cases where direct interaction via	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.896	Ministry of Communications of Russia dated 14.12.2015 No. 542, dated 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Interaction functions (IWF); Other research (testing); Methods of other research (testing) without specifying				SIP protocol is impossible	
1.897.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1 O.O1.2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14 December 2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Functions of the network access subsystem (NASS); Other	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	authorization and configuration of access to the communications network based on user profile, location management	provided/not provided
					user authentication before or during the IP address assignment procedure	provided/not provided
					interaction using the Diameter protocol (with equipment: P-CSCF via the e2 interface, RACS via the e4 interface; with user terminal equipment	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.897.	research (testing); methods of other research (testing) without specification				UE for interfaces el, e3)	
					Dynamic assignment of IP addresses and other user equipment configuration parameters	Provided/Not provided
					Transmission of information about the location of user equipment to the IMS for its authentication in the IMS (NASS Bundled Authentication, NBA)	provided/not provided
1.898.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101,	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Interaction based on at least ONE of the protocols N.248, EDSS1, V5, SIGTRAN with AGCF equipment	provided/not provided
					interaction via standard interfaces with user terminal equipment	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.898.	No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, and 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Access gateway functions (AGF); Other research (testing); methods of other research (testing) without specification				interaction with using RTP and RTCPc protocols BGF equipment using RTP/RTCP protocols	provided/not provided
					connection of user equipment via analog or digital network interfaces with CC	provided/not provided
					of pairing and transcoding of the user traffic transmission environment, including subscriber signaling, between IP domains and subscriber devices	provided/not provided
1,899.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101,	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	Interaction with using the SIP protocol with IBCF equipment via the 1c interface	provided/not provided
					provision of telephone network services operating on CC technology for conventional telephone terminals and ISDN terminals,	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.899.	No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, and 14.12.2015 No. 541, dated 21.03.2017 No. 129, dated 28.03.2011 No. 47), Functions of the telephone network emulation subsystem (PES); Other research (testing); methods of other research (testing) without specification				connected to IMS via resident gateways or access gateways	
1.900.	Type conformity assessment test program and methodology, approved by the SPbGUT Testing Center on 10.01.2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (Orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14 December 2015 No. 541, 21.03.2017 No. 129, dated 28.03.2011 No. 47), Functions	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.1**l.11**O	8517	interaction with using the **SIP** protocol with IBCF equipment via the Ic	provided/not provided
					implementation of services similar to telephone network communication services, operating on the technology kk	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.900	Telephone network simulation subsystem (RSS); Other research (testing); Methods of other research (testing) without specification					
1.901	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14 December 2015 No. 541, 21.03.2017 No. 129, dated 28.03.2011 No. 47), IMS-AGW functions; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Interaction with using the MEGACO/H.248 protocol with P-CSCF via the lq interface using the MEGACO/H.248 protocol	provided/not provided
					Interaction using RTP and RTCPc protocols equipment providing user traffic transport	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.902	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix Appendix 52. Methodology for verifying compliance with the requirements for the functions of the tested equipment of the multimedia message transmission subsystem (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 58 dated May 31, 2007, orders of the Ministry of Communications of Russia No. 542 dated December 14, 2015, 14.12.2015 No. 541, dated March 21, 2017 No. 129, dated 28.03.2011 No. 47), Connection of UE to IMS equipment; Other research (testing); Methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Transmission channel activation EPS data using NAS protocol "Request for connection to data transmission network" and GTPv2-C protocol "Request for data transmission channel activation" messages	provided/not provided
					In the NAS protocol message parameter "Connection Accepted", which defines the functions supported by the network, the first bit of the third octet indicates support for IMS voice via the CP domain on the SI interface.	provided/not provided
					Assignment of an IP address to the P-CSCF by one of the following methods (using: Dynamic Host Configuration Protocol (DHCP) and Domain Name System (DNS), EPS data channel activation procedure; the UE must select the P-CSCF from the list stored in	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.902.					Subscriber identification module for operation in IMS (ISIM); UE MUST select P-CSCF from the list of IMS control objects; assignment of a new IP address when the UE moves to the service area of another P-GW)	
					initial activation of the data transmission channel in EPS as part of the UE connection procedure to EPS, initiated by the UE using the NAS protocol message "Connection Request"	provided/not provided
					transmission of the UE IP address (in the "Data transmission network address" parameter) and the P-CSCF IP address (in the "Configuration parameter protocol" parameter) in response to the "Data transmission channel activation request" of the GTPv2-C protocol and in one of the messages "Default EPS context activation request", "Context activation request	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.902.					selected EPS" protocol NAS	
					Data channel activation procedure in EPS	provided/not provided
					UE connection procedure to the radio access network (EPS); assignment of an IP address to the UE in the format defined by IP version 4 or 6 (IPv4, IPv6) protocols belonging to one of the IMS networks interacting with the P-GW (network IP addresses: home IMS operator, visited IMS operator interacting with the home IMS operator)	provided/not provided
					registration procedure in IMS after assigning or changing the UE IP address or P-CSCF IP address; release of dynamic IP address	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.902					UE when disconnecting from IMS switching equipment using the NAS protocol message "Request to disconnect from the data network" or when the registration time expires	
1.903	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 53. Methodology for verifying compliance with requirements for switching and communication service management functions (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 128 dated October 3, 2006, orders of the Ministry of Communications of Russia No. 36 dated September 2, 2008, 27 June 2011 No. 160), Service control point (SSP) functions; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Software installation services Communications without disruption to the relevant software of previously introduced communications services under SMP control	provided/not provided
					collection of statistical data and transmission of this data to SMP	provided/not provided
					management of procedures performed by SSP and IP equipment in accordance with the specified logic of communication services and requests received from SSP and IP	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.904	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 53. Methodology for verifying compliance with requirements for switching and communication service control functions (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 128 dated October 3, 2006, orders of the Ministry of Communications of Russia No. 36 dated September 2, 2008, 27.06.2011 No. 160), Functions of a service data node (SDP); Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	data relating to communication network configuration	provided/not provided
					data relating to users	provided/not provided
					data relating to the communication service	provided/not provided
					data update	provided/not provided
					data collection	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.904.					Data storage	provided/not provided
1.905.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 53. Methodology for verifying compliance with requirements for switching and communication service management functions (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 128 dated October 3, 2006, orders of the Ministry of Communications of Russia No. 36 dated September 2, 2008, 27 June 2011 No. 160), Functions of the service management node (SMP); Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	data array description Communication services	provided/not provided
					provision of all necessary means for applied programming of communication services logic	provided/not provided
					provision of all necessary means for testing communication service logic	provided/not provided
					creation of communication service logic	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.905					creation of communication services	Provided/Not provided
1.906.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 53. Methodology for verifying compliance with requirements for switching and communication service management functions (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 128 dated October 3, 2006, orders of the Ministry of Communications of Russia No. 36 dated September 2, 2008, 27 June 2011 No. 160), Service Creation Environment (SCE) node functions; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	administrative SCP, SDP equipment management during technical operation	provided/not provided
					possibility of modification of communication service logic by the communication operator, modification of communication services by both the communication operator and users (with appropriate access level restrictions)	provided/not provided
					Possibility of tracking and indicating abnormal and emergency situations	provided/not provided
					receipt from SCP, processing and provision of statistical data	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.906						
1.907	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 53. Methodology for verifying compliance with requirements for switching and communication service management functions (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 128 dated October 3, 2006, orders of the Ministry of Communications of Russia No. 36 dated September 2, 2008, 27 June 2011 No. 160), Service switching node (SSP) functions; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	Call handling in accordance with instructions received from SCP	provided/not provided
					organization of dialogue with SCP to receive instructions on further call processing	provided/not provided
					Suspension of call handling process	provided/not provided
					call recognition	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.908	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 53. Verification methodology fulfillment of requirements for switching and control functions of communication services (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 128 dated October 3, 2006, orders of the Ministry of Communications of Russia No. 36 dated September 2, 2008, No. 27.06.2011 No. 160), Intelligent Peripheral (IP) functions; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Issuance to users voice messages under controlled by SCP	provided/not provided with
					Receipt and transmission to SCP of frequency dial signals coming from user (terminal) equipment	provided/not provided
1.909.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 53. Methodology for verifying compliance with requirements for switching and communication service control functions (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101,	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Delivery of voice messages to subscribers (users) in accordance with the specified logic of communication services	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.909	dated 03.10.2006 No. 128, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 27.06.2011 No. 160), Service node (SN) functions; Other research (testing); Methods of other research (testing) without specification				entry, storage, and updating of data	provided/not provided
					Installation of software for new communication services without disrupting the corresponding software for previously introduced communication services under the control of SMP	provided/not provided
					Call handling in accordance with the logic of communication services	provided/not provided
					reception of frequency dialing signals coming from user (terminal) equipment	provided/not provided
					Call recognition	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.909					Collection of statistical this data to SMP	data and transmission of
					management of procedures SSP in in accordance with the specified logic of communication services and requests received from SSP	provided/not provided by
1.910.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 53. Methodology for verifying compliance with requirements for switching and communication service management functions (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 128 dated October 3, 2006, orders of the Ministry of Communications of Russia No. 36 dated September 2, 2008, 27 June 2011 No. 160), Functions of the technical maintenance and operation center; Other research (testing); methods of other	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	Technical maintenance IP	provided/not provided
					Technical maintenance SCP,	provided/not provided
					SDP maintenance	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.910.	(tests) without clarification				Maintenance SN	provided/not provided
					SSP maintenance,	provided/not provided
					maintenance of a combination of SCP, SDP, SSP, IP, SN in the form of combined equipment	provided/not provided
1.911.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 53. Methodology for verifying compliance with requirements for switching and communication service management functions (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 128 dated October 3, 2006, orders of the Ministry of Communications of Russia No. 36 dated September 2, 2008, and 27 June 2011 No. 160),	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	SCP- IP	provided/not provided
					SCP-SCP	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.911	Intelligent Network Application Protocol (INAP) using Transaction Capability (TC) application subsystem on interfaces; Other research (testing); Other research (testing) methods without specification				SCP-SDP	provided/not provided
					SCP- SSP	Provided/Not provided
					SDP-SDP	provided/not provided
1.912.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 53. Methodology for verifying compliance with requirements for switching and communication service management functions (orders of the Ministry of Communications of Russia dated August 27, 2007 No. 101, No. 128 dated October 3, 2006, orders of the Ministry of Communications of Russia No. 36 dated September 2, 2008, 27 June 2011 No. 160), Operations	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	SCP-IP	provided/not provided
					SCP-SCP	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.912	INAP protocol, interface; Other studies (tests); Methods of other studies (tests) without specification				SCP-SDP	provided/not provided
					SCP-SSP	Provided/Not provided
					SDP-SDP	Provided/Not provided
1.913.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 53. Methodology for verifying compliance with requirements for switching and communication service management functions (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 128 dated October 3, 2006, orders of the Ministry of Communications of Russia No. 36 dated September 2, 2008, 27.06.2011 No. 160),	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	TC components	provided/not provided
					TC messages	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.913	TC communications, TC components; Other research (testing); Methods of other research (testing) without specification					
1.914	Program and methodology testing confirmation type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 53. Methodology for verifying for compliance with switching and control functions (Orders of the Ministry of Communications of of Russia dated 27.08.2007 No. 101, No. 128 dated October 3, 2006, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 27 June 2011 No. 160), Digital subscriber alarm system alarm system No. 1 (EDSS1); Other research (tests); methods of other research (testing) without specification	Equipment communication ; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	digital subscriber Alarm system No. 1 (EDSSl) on the SSP – SN	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.915	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 53. Verification methodology compliance with requirements for switching and communication service management functions (orders of the Ministry of Communications and Mass Media of Russia dated 27.08.2007 No. 101, No. 128 dated October 3, 2006, orders of the Ministry of Communications of Russia No. 36 dated September 2, 2008, and 27 June 2011 No. 160), CAMEL (CAP) application protocol with using the TS application subsystem on interfaces; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	SCP- SSP	provided/not provided
					SCP-IP	provided/not provided
1,916.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 53. Methodology for verifying compliance with requirements for switching functions and	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	SCP-HLR	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.916.	Communication services management (Orders of the Ministry of Communications and Mass Media of Russia No. 101 dated August 27, 2007, No. 128 dated October 3, 2006, orders of the Ministry of Communications of Russia No. 36 dated September 2, 2008, 27.06.2011 No. 160), Subset of the mobile application protocol (MAP) using the TS application subsystem on interfaces; Other research (testing); methods of other research (testing) without specification				SCP-MSC	provided/not provided
1.917.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 53. Methodology for verifying compliance with requirements for switching and communication service management functions (orders of the Ministry of Communications and Mass Media of Russia dated August 27, 2007, No. 101, No. 128 dated October 3, 2006, orders of the Ministry of Communications of Russia No. 36 dated September 2, 2008, 27 June 2011 No. 160), MAR protocol operations on	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	SCP-HLR	provided/not provided
					SCP-MSC	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.917.	interfaces; Other research (testing); methods of other research (testing) without specification					
1.918.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484), Call distribution functions for the provision of local, long-distance and international telephone services with the assistance of telephone operators; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	analysis of databases on subscribers for the presence of restrictions on establishing local, long-distance, and international connections	provided/not provided
					Issuance of certificates for accepted unfulfilled and completed (fulfilled and canceled) orders	provided/not provided
					documentation of orders for the provision of communication services with the ability to record, correct, and cancel orders by the operator at any stage of service	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Range of determination
1.918						provided/not provided
					Execution of accepted orders for custom and immediate operation systems	
					user (subscriber) service, taking into account connection (call) categories and service priority, as well as providing connections in the required direction using the "Emergency" password	provided/not provided
					organization of telephone operator workplaces (services and sections) for the provision of communication services	provided/not provided
					provision of local, intra-zone, long-distance, and international telephone services with the assistance of telephone operators, payable by service (debit) telephone cards	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Range of determination
1.918					Receiving calls from users (subscribers) and telephone operators of other telephone communication nodes with distribution among telephone operator workstations (RMW) for receiving and processing orders for the provision of communication services	provided/not provided
					collection of operational statistical data on the workload and performance indicators of telephone operators, printing and/or display of such data	provided/not provided
					creation of a database containing the information necessary for processing calls and organizing a reference and information service for local, long-distance, and international telephone communications	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.918.					Working time accounting Personnel	provided/not provided
					Data generation for billing subscribers for communication services provided	Provided/Not provided
					storage of information on completed (fulfilled and canceled) orders with a storage period of at least six months and ensuring that the telephone operator can view this information	provided/not provided
1.919.	Program and methodology for type conformity testing, approved by the IC SPbGUT IO.O1.2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Automatic filling details in the order form: caller's phone number; personal numbers of operators who received and processed the call, corrected the order form parameters, and canceled the order; date	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.919.	Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.ll.2015 No. 484), Call processing functions for the provision of local, long-distance, and international telephone services with the help of telephone operators; Research (testing); methods of research (testing) without specifying				and time of call reception and processing a call or cancellation of an order; order number assigned automatically	
					automatic disconnection of an established connection: after the specified (paid) duration of the call (with a warning signal to subscribers); when the "Hang up" signal is received from the calling or called subscribers	provided/not provided
					the ability to enter and record data required for call handling and subsequent processing in the order form	provided/not provided
					ability to temporarily disconnect the operator at their command: from an incoming call or order form to handle another call or service call the call; microphone in	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.919					Call handling time	
					Possibility of placing an order for telephone services on a "blank" form (without an incoming call)	Provided/Not provided
					ability to connect an operator to one of the held calls (connections) at their command without releasing the RMT from the call or form being serviced	provided/not provided
					ability to search for the required order form (completed, delayed, or postponed) by one of the following details: order number; number of the user terminal equipment of the calling subscriber; number of the user terminal equipment of the called subscriber (in	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Characteristic being determined (Indicator)	Detection range
1.919.					Quality of the second parameter); date of order fulfillment or cancellation (for completed orders)	
					the ability to print the order form at the operator's request at the appropriate stage of order processing on a dedicated printing device	provided/not provided
					the ability to establish an internal (service) call between operators at any stage of call processing	provided/not provided
					output to the RMT of messages on established connections sent by the operator to the system: upon receiving a "Hang up" signal from one of the subscribers before the expiration of the pre-set (paid) duration of the call; to notify subscribers of the expiration	provided/not provided
					preset	

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.919					(paid) of call duration (30 seconds before the end of the call); for repeated quality control of audibility; for calls lasting more than 30 minutes	
					output of messages on completed connections: to inform the subscriber of the duration of the completed connection (call) (at the subscriber's prior request); to provide the next connection to the calling subscriber from a series of connections ordered; to inform hotel administration about the telephone services provided to the hotel guest; if the call lasted less than 60 seconds	provided/not provided

N P/P	Documents establishing the rules and methods of research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.919					Issuance of notification (visual or audible) for the operator when an incoming call is received on the RMT	Provided/Not provided
					prohibition on connecting the operator to a connection held by the RMT with the "Fax" or "Data Transfer" service	provided/not provided
					At any stage of call processing, formal and logical control over the operator's actions, informing them (in Russian) of any errors made and subsequent actions	provided/not provided
					Start of connection duration recording after connection is established between the user terminal equipment of the calling and called subscribers: automatically after 5 seconds from the moment of connection establishment connection or on command	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (Indicator)	Scope of determination
1.919.					telephone operator (before the expiration of 5 seconds)	
					enables telephone operators to switch shifts without interrupting call processing and while maintaining held connections	Provided/Not provided
					provides a limit of 10 seconds for the operator to check the audio quality, followed by automatic disconnection of the operator	provided/not provided
					organization of queues from order forms when servicing on a request basis, as well as from order forms sent by the operator for repeat servicing, on a request and immediate basis	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.919					Release of RMT from an established connection at the operator's command, ensuring: the established connection is sent to the system for subsequent automatic service without displaying connection status information on the RMT screen; the established connection is held for the given RMT with connection status information displayed on the **RMT** screen	provided/not provided
					transfer of the call to **a** free **RMT** at the request (command) of the operator or automatically. The method is specified by the administration	provided/not provided
					Based on the forms found with completed orders, it is possible to: view a copy of the order form; determine the cost of the call and services provided for this order; make corrections and additions to changes	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.919.					of duration, cost of the completed connection and additional services, with the original data retained and the date, time of the corrections, and personal number of the operator who made the corrections and additions automatically entered into the order form (corrections and additions may only be made by operators authorized by the administration); printout of the found form (at the operator's command)	
					for found forms with unfulfilled orders, the possibility of their further processing or correction	provided/not provided
					for found completed forms (with fulfilled or canceled orders) prohibition: on canceling forms; on	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.919					"connection" to the form for providing a connection; correcting the following details on the order form (the number of the user terminal equipment of the calling subscriber; the number of the user terminal equipment of the called subscriber; the connection category and call priority; the actual duration of the connection)	
					sending an alert signal to the calling subscriber (telephone operator) ("Call control" or mechanical voice "Please wait") when placing an incoming call in the queue	provided/not provided
					termination of connection duration measurement: when the "Hang up" signal is received from the calling or called ; when	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.919.					operator intervention in the connection; after the specified (paid) duration of the connection has elapsed	
					receiving incoming calls from users (subscribers) and telephone operators of call centers in their area, telephone operators of other telephone exchanges (for incoming telephone calls) with the organization of a queue of incoming calls and their distribution to PMTs	provided/not provided
					Corresponding display of line signals when establishing a connection with the user terminal equipment of the calling or called subscribers: "busy"; "subscriber free"; "subscriber answer"; "subscriber hang up"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.919.					Corresponding Messages on the screen when establishing a connection with the user's terminal equipment of the calling or called subscribers	provided/not provided
					the operator the ability to provide communication services in accordance with the accepted order using the on-demand or immediate service systems	Provided/Not provided
					transmission of the following signals to the RMT: acoustic "Waiting" (no more than 30 seconds); linear and acoustic "Busy" (after 30 seconds and until disconnection by the operator); Linear "Disconnect" or "Disconnect - Answer" (before 30 seconds have elapsed when releasing in favor of a call received from the operator) when establishing a connection with user terminal equipment	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.919.					Retention by one RMT not less than six connections and orders (forms)	not ensured/not ensured
					recording of the time spent by the operator in conversation with both subscribers (calling subscriber - operator - called subscriber) and informing the administrator about exceeding the set time	provided/not provided
					recording of the number of repeat services and displaying this in the order form	provided/not provided
					recording the duration of all service connections (calls) made by the operator on one of the sides "A" or "B" when processing a call or without an incoming call. Recording is provided 30 seconds after the subscriber's response of the subscriber with a recording	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.919.					Connection duration (for subsequent analysis of the operator's work)	
1.920	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 54. Verification methodology fulfillment of requirements for distribution functions calls (orders Ministry of Communications of Russia, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484), Functions administrative management functions for the provision of intra-zone, intercity and international telephone using telephone operators; research (testing); methods of research research (testing)	Equipment Communication; Means of communication for performing the function of switching systems;	26.30;26.30.11.110	8517	Maintaining a list of staff with data for each employee: personal number, surname, password, number service groups (teams), position employee, qualification telephone operator, number for internal service communications	provided/not provided
					the possibility of automatic recording of production control work: the personal numbers of telephone operators who were checked; the numbers of the workplaces of telephone operators who were checked; the personal numbers of telephone operators who carried out the checks; the dates and times of the checks; the duration of of the checks	Provided/Not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.920.					Production control; reports on recorded conversations between telephone operators and subscribers	
					ability to organize the administrative structure of personnel: maintaining a staff list; managing service group queues and order forms; collecting statistical data; collecting volume and quality indicators; recording telephone operators' performance indicators; production control	provided/not provided
					ability to organize an administrative structure of services and departments consisting of the following: order service with a notification department; long-distance (international) service; reference and information service; operational management service; production control service control service; service	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Scope of determination
1.920.					Production training; foremen and shift supervisors; long-term archive section	
					Possibility of organizing control over queues of calls and order forms at the workplaces of the foreman and shift supervisor	Provided/not provided
					Possibility of organizing production control over the work of telephone operators with connection (unnoticeable to the telephone operator) *to* the workplace of the controlled telephone operator to monitor the quality of service; receiving a copy of the screen of the controlled workplace on the screen of the production control telephone operator; recording (if necessary) the telephone operator's conversation with subscribers with subsequent playback	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.920					of a recorded conversation	
					Ability to send text messages to RMT screens from the workstations of the foreman and shift supervisor	Provided/Not provided
					ability of personnel at any hierarchical level to work at any workstation connected to the equipment	provided/not provided
					the ability for the foreman and shift supervisor to view accepted order forms by date and time of execution from their workstations	Provided/Not provided
					transfer of the relevant message to the foreman's and shift supervisor's workstations for making operational decisions in case of time overrun	provided/not provided
					waiting for a response	

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.920.					telephone operators or service	
					collection of quantitative and qualitative indicators of the call processing technological process for a control period of time at the request of the administrator; printing of the collection results in the form of reports at the request of the administrator (shift supervisor); collection of data on: incoming, outgoing, delayed, postponed, delayed for certain periods, priority, internal (service) calls, groups of additional services, calls to telephone operators; collection of data on queues: number of calls in the queue, calls that entered the queue during the control period, calls transferred to the RMT, not served due to	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.920.					Queue overload or its blockages, waiting time in the queue (in seconds); collection of data on the status of telephone operators' workstations when processing calls and data on operations performed by telephone operators when processing calls	
					collection of statistical data on the workload and performance indicators of telephone operators for a specified period of time, as well as accounting for the output of telephone operators of any service and the duration of staff working hours: the results of the collection are printed in the form of reports at the command of the administrator or shift supervisor; (statistical data contains the number of: calls received from users (subscribers); for which a "Disconnect" signal was received from	blocked/unblocked

N P/P	Documents establishing the rules and methods of research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.920.					calling subscriber before the operator answers; those refused after the set time has elapsed; received by the RMT; responses within 15 seconds; responses within 15 to 30 seconds; orders accepted; orders fulfilled; orders canceled; orders accepted since the beginning of the current day; delayed in fulfillment; information provided to subscribers)	
1.921.	Program and methodology for type conformity testing, approved by the IC SPbGUT I O.O1.2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484), Functions	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	possibility of organization internal (service) telephone communication by: personal operator number; workstation number	provided/not provided
					possibility of transferring a call (form) from the calling RMT to the called RMT during an internal call	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.921	internal (service) communications for the provision of intra-zone, long-distance, and international telephone COMMUNICATIONS WITH THE HELP OF telephone operators; Other research (testing); methods of other research (testing) without specification				Placing an internal (service) call on hold when the operator is busy processing a call: connecting the called operator or disconnecting the calling operator	provided/not provided
					when an internal call comes in, displaying information on the screen of the called RMT indicating who is calling	provided/not provided
					the operator can call the foreman (shift supervisor) at his command (without dialing a number); the following options are provided: transmission of a copy of the RMT screen to the foreman's (shift supervisor's) workplace; parallel connection of the foreman (shift supervisor) to the calling RMT; transfer of the call (form) from the RMT to the foreman (shift supervisor) for subsequent service	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.922	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated December 12, 2011 No. 340, 15.09.2015 No. 346, dated 30.11.2015 No. 484), Functions related to additional paid services within the zone, long-distance and international telephone COMMUNICATIONS WITH THE HELP OF telephone operators; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	the ability of a telephone operator to provide additional services with a connection between subscribers: information about the telephone number of the called subscriber; calling a specific person; notifying the called person by telegram about an upcoming call; notifying the caller who is calling; warning the called person about an upcoming connection (call); providing a call to one of five telephone numbers; notification of subscribers about the end of the ordered connection (call) duration; conference calls with one-way or two-way connections; series connections (calls); payment for the connection (call) at the expense of the person being called; payment connection (call) at the expense of a third party	provided/not provided

N P/P	Documents establishing the rules and methods of research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.922					(organizations) in this zone; provision of a connection (call) to the called point at a predetermined time during the ordered period; fax, data transmission; language assistance	
					the ability of the operator to provide additional telephone services separately and in combination with a connection (call) between the calling and called subscribers or without a connection (call)	provided/not provided
					the ability of the operator to provide additional services without a connection (call): information about the phone number of the called subscriber; telephone message (transfer of a telephone message to the called party or	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.922					transfer of a telephone message to the called party, followed by transfer of the reply to the calling party); circular telephone message; call forwarding (change, at the request of the called party, of the address of the call center or telephone number to which he was previously invited for an incoming call upon notification); notification of the called party that the calling party has refused the call with notification; notification of the user about the cost of the intended connection (call), taking into account the additional services ordered; wake-up call - automatic call at the requested time, day of the week (working days, weekends, and holidays); call - reminder with the operator transmitting the requested message	

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	kodokp 2	EAEU HS CODE	Defined characteristic (Indicator)	Definition range
1.923.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484), Functions of organizing reference, information, and service services within the zone, long-distance and international telephone COMMUNICATIONS WITH THE HELP OF telephone operators; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	possibility of organization for network users of various types and purposes reference, information, and service services (paid or free)	provided/not provided
					possibility of transferring the service from paid to free and vice versa; accounting for the duration of the paid service; recording the number of paid services provided by the operator	provided/not provided
					the ability to provide services using an operator or an automated information system; the ability to connect the automated information system to the calling subscriber automatically or at the operator's command; the creation and maintenance of a database containing the necessary information for providing	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.923.					Reference information and services; recording of services provided (paid and free); recording of data for calculating fees for paid services provided; collection of operational and statistical information on the work of services and telephone operators	
					the possibility of combining operations on the RMT when personnel work as telephone operators providing telephone services on a pre-order/immediate basis, and as telephone operators for reference, information, and/or service departments	provided/not provided
					The duration of the paid service is calculated from the moment the operator gives the command until the moment the "Off" signal is received from the calling or the	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.923.					"Disconnection" from telephone operator	
					Sending a "Response" signal from the moment the operator (answering machine) connects when calling services that are subject to a fee; exception to sending a "Response" signal when calling services that are free of charge	provided/not provided
					when placing an incoming call in a queue for service: determining the call category (local, long distance); servicing long distance calls with priority over local calls; transmitting the necessary acoustic signals or auto-informer phrases to the calling subscriber in the pre-answer state	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.923.					reception and analysis of additional digits (up to 10) dialed by the calling subscriber in the pre-answer state, after the line is busy; distribution of incoming calls by service, by operator workstations workstations of service operators and to auto-informers	provided/not provided
					distribution of calls among telephone operators' workstations according to pre-established criteria (evenly distributed; cyclical; taking into account the number of calls handled by each telephone operator; taking into account the telephone operator's waiting time for the next call)	provided/not provided
					collection, processing, accumulation, and output upon request to a video terminal screen and/or printer of various statistical and operational data, as well as as well as the formation of	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.923					statistical data arrays in terms of: line occupancy, incoming calls and stages of service calls, work of telephone operators and services	
1.924	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 54. Methodology for verifying compliance with requirements for distribution functions calls (orders Ministry of Communications of Russia, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, from 12.12.20] 1 No. 340, from 15.09.2015 No. 346, from 30.11.2015 No. 484), Functions analysis of databases on subscribers for the presence of a ban establishing intra-zone, intercity and international connections; Other research (testing); methods of other research (testing)	Equipment communication; Communication means, performing the function switching systems;	26.30;26.30.11.110	8517	in terms of administrative management: creation, correction and maintenance databases on subscribers, which are prohibited verification intra-zone, long-distance and international connections, with automatic recording personal number administrator, who made the correction the database, date and time correction; creation and supporting subscriber systems multi-level menu for auto-informer; collection statistical information on incoming calls from subscribers who are prohibited from establishing intra-zone, intercity and	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.924.					of international connections	
					the possibility of organizing automatic verification of the number of the user's terminal equipment calling the subscriber in the subscriber database for the presence of a ban on establishing intra-zone, long-distance, and international connections	Provided/Not provided
					Possibility: to organize and maintain in the database lists of subscribers in the zone who have been denied telephone services due to non-payment by these users for previously provided telephone services (information is identified by user numbers user	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.924.					terminal equipment); displaying information from the list on the workstation screen at the request of the operator (administrator), printing the displayed information on a printer; automatically determining the number of the user's terminal equipment of the calling subscriber; analysis of the numbers of the user terminal equipment of the calling subscribers with identification based on the information stored in the database; notification of the calling subscriber if the number of their user terminal equipment is on the list, followed by disconnection or transfer to the RMT with a corresponding message for the operator	

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.924					Use of subscriber database analysis to determine whether there are restrictions on establishing intra-zone, long-distance, and international connections without compromising call service quality	Ensured/Not ensured
1.925.	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 1O.O1.2017. Appendix 54. Methodology for verifying fulfillment of requirements for distribution functions calls (orders Ministry of Communications of Russia, orders from the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, from 12.12.2011 No. 340, from 15.09.2015 No. 346, dated 30.11.2015 No. 484), Connection equipment to the TfOP for the provision of intra-zone, long-distance and international telephone	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.110	8517	Types of telephone communication: incoming from calling parties subscribers to working telephone operator stations for order placement and service provision telephone communication; incoming calls from callers telephone operators of the network to the workplace telephone operator performing auxiliary function workplace; outgoing from the telephone operator to subscribers local telephone network; outgoing from the operator to called subscribers and telephone operators when intra-zone, long-distance and international telephone communications; 3-way	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.925.	Communication via telephone operators; Other research (testing); Methods of other research (testing) without specification				conference calls between telephone operator, calling and called subscribers; between calling and called subscribers for intra-zone, long-distance, and international telephone communications (after disconnecting the telephone operator); internal (service)	
					joint operation with fixed local, long-distance, and international telephone communication nodes	provided/not provided
					types of connecting lines, synchronization, and signaling protocols: PRA, EDSSI	provided/not provided
1.926.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 54. Methodology for verifying compliance with requirements for	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Possibility of immediate for completed order or anticipated order	ensured/not ensured billing

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.926	Call distribution functions (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications and Mass Media of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484), Collection and registration of data services for intra-zone, long-distance, and international telephone COMMUNICATIONS WITH THE HELP OF telephone operators, as well as the transfer of accumulated information to external media or a data transmission channel for subsequent processing by an automated settlement system (ASS); Other research (testing); methods of other research (testing) without specifying				possibility of prompt Output of information for hotel subscribers	provided/not provided
					the ability to record the duration of the connection (call and services) on a time basis or to record each call as it is made (call and services)	provided/not provided
					Possibility of providing connections and additional services with deferred payment at the expense of: the calling party; the called party (paid additional service); a third party who is a subscriber to this zone network (paid additional service)	provided/not provided
					transfer of accounting information to external media or data channels	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of determination
1.926					cost calculation order on the operator's command: for completed orders with the "Call duration and cost notification" service after the connection is provided; before the connection is provided, at the subscriber's request for the preliminary cost of the call (connection) and additional services	provided/not provided
					control over functioning in terms of data registration for billing purposes	provided/not provided
					collection and issuance of emergency, diagnostic, and statistical information on the functioning and failures in the process of collecting and recording data for billing purposes	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Characteristic being determined (Indicator)	Range of determination
1.926.						provided/not provided
					Transfer to estimated center for generalized data on completed orders: using a network protocol or via external automatic systems using local network protocols; via external media	
					error in measuring the duration of a telephone connection for each hourly interval: :::; ±1 s	provided/not provided
					detailed order information: caller data; called party data; additional data; text; comments; corrections	provided/not provided
					detailed accounting of outgoing connections and additional telephone services provided by telephone operators	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Range of determination
1.926.					data collection for charges for connections and additional telephone services provided by telephone operators: destination (code) where the order was executed; tariff (standard, urgent); form of payment; start of connection duration accounting (year, month, day, hours, minutes, seconds); end of connection duration accounting (year, month, day, hours, minutes, seconds); billed connection duration (hours, minutes, seconds); call priority; corrections (adjustments) made	provided/not provided
					collection of data and transfer of information about completed connections and additional services provided to hotels within the control period; specified	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.926					by the administration for Settlements with hotel guests	
					collection and storage of information necessary for mutual settlements between administrations and statistics	Provided/Not provided
					connection with external ACS;	provided/not provided
1.927.	Program and methodology for type conformity testing, approved by the IC SPbGUT **I** O.O1.2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	automatic recording each call when *STC* users are served by an operator: *STC* number, its denomination and *validity period;* number of the subscriber device from which the call was made; number of the line from which the call was made by the user; date and time of the call (day, month, year, hour, minute, second); date and	provided/not provided for

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.927.	30.11.2015 No. 484), Provision of intra-zone, long-distance, and international telephone COMMUNICATIONS SERVICES USING telephone operators using service telephone cards (STC); Other research (testing); methods of other research (testing) without specifying				connection start time (day, month, year, hour, minute, second); connection end date and time (day, hour, minute, second); connection duration; tariff including discounts; cost of the connection; card account balance; personal number of the operator who provided the connection	
					automatic update of the STK account balance database after the call is completed or during the provision of the service	provided/not provided
					automatic service for users (subscribers) who have user terminal equipment with frequency dialing	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.927					in terms of administrative adjustment, and maintenance of databases related to the provision of STK services; creation and support of multi-level menu systems for the auto-informer; changing STK parameters in the database; creation of a log archive actions with PIN codes; collection and analysis of statistical and commercial information; PIN code blocking (automatically, when the number of units on the card is less than the minimum credit amount set; manually by the administrator upon complaint from the subscriber); organization of procedures for full STK confirmation to establish authenticity and obtain permission for its use; the ability to regulate the number of repeated PIN code entries in case of incorrect entry by the user or	management: creation,

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.927					telephone operator	
					ability of the telephone operator to enter and record data: PIN code; number of the subscriber device from which the call was made by the STK user; number of the subscriber device of the called subscriber; code and name of the called point; composition of services provided	provided/not provided
					the ability to provide users with data upon request: account balance; call duration and cost; caller ID numbers (excluding the last three to four digits); automatic recording of the date and time of the request; the personal number of the operator who provided the information. who provided the information	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.927					Upon request	
					recording, for each automatically provided connection: card number, its denomination and STK validity period; date and time of call receipt (day, month, year, hour, minute, second); date and time of connection start (day, month, year, hour, minute, second); the number of the line from which the call was received from the caller; the number of the subscriber device from which the call was received; information dialed by the caller; the service provided; the date and time of the end of the connection (day, month, year, hour, minute, second); the duration of the connection; the tariff with taking into account discounts; cost of the connection;	provided/not provided

N P/P	Documents establishing the rules and methods of research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.927					Balance of units in account card	
					When using the automatic STK user service method: automatic determination of the subscriber device number of the calling subscriber; delivery of voice messages to the user; reception and verification of the card serial number and PIN code; analysis of the card status and payment balance, followed by the delivery of a voice message; analysis of the number or additional service code dialed by the user; control of the connection establishment in accordance with the data entered by the user; service billing; advance warning and connection termination upon expiration of	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.927.					Credit on the card account; providing STK users with the ability to dial another number without re-entering their PIN code; selecting the language of auto-informer messages	
					when servicing STK users with the help of an operator: receiving a call from a subscriber (STK user) from any subscriber device; automatic determination of the number of the subscriber device of the calling subscriber; automatic verification of the card serial number and PIN code; ability for the operator to enter and record data; automatic recording of data for each call; analysis of the card's status and payment balance, followed by display of the information on the RMT screen; billing for services provided via STK;	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.927					Preliminary User warning signal and connection interruption when the card account credit expires	
					use of STCs in any form containing payment information encoded in a specific manner and without a storage device	provided/not provided
					the following main functions are implemented: procedures for confirming and authorizing the use of credit cards by the issuing administration; maintenance of special databases with information for providing telephone services via credit cards (card serial numbers and/or PIN codes or other); receiving calls from credit card users with subsequent service	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.927.					automatically or with the assistance of a telephone operator; collection, processing, and entry into a database of primary information about services provided; registration of data for settlement with STK users; protection of information from unauthorized access; receipt of reports for subsequent commercial and technical analysis call handling stk	
					registration of statistical information: number of calls received; number of calls refused due to insufficient balance on the card account; number of connections established via STK; number of services provided via STK, taking into account communication directions; types of services performed; number of STK references issued to users for their	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1,927.					request; income for the period time period (day, week, month); number of STCs used, taking into account the nominal value for the time period (day, week, month)	
					billing and calculation functions: verification of the sufficiency of the payment asset amount in the STK current account; real-time calculation of the maximum volume of services ordered by the user; real-time calculation of the cost of services provided; debiting the cost of services provided from the STK current account; the ability to repeat the calculation of the cost of services rendered or a service both during the STK validity period and outside of it when considering user claims; the ability to adjust the current account balance based on the results	provided/not provided

N P/P	Documents establishing the rules and methods of research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.927.					Recalculation; maintenance of the history of current account payment asset movements; ability to adapt to changing laws and regulations; billing for services provided according to the telecommunications operator's tariff plan in effect at the time the connection between the calling and called parties is established.	
1.928.	Program and methodology for type conformity testing, approved by the IC SPbGUT I O.O1.2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484), Processing	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	possibility of organization one or more services and distribution of incoming calls to services according to the communication service number dialed by the user	provided/not provided
					the possibility of subsequent billing of communication service users, varying for different services: for access to the service; for services provided services	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.928.	calls by centers call handling information and reference service centers call handling information and reference service (COC) to distribution to operators' workstations operator workstations; Other research (testing); methods of other research (testing) without specification				Identification, recording, and subscriber number analysis user terminal equipment calling subscriber for for each incoming call	provided/not provided
1.929.	Program and methodology testing confirmation type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 54. Methodology for verifying compliance with requirements for distribution functions (orders Orders of the Ministry of Communications of Russia, Orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484), Collection and issuance of information Centralized water supply; Other research	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.11O	8517	collection and provision of information Centralized control system for subsequent calculation of payment for services to users communication services	provided/not provided

(tests); methods of other				

N Item	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.929.	Research (testing) without specification					
1.930	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484), Distribution of calls among CCO operator workstations; Other research (testing); Methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	recording capabilities of malicious calls and control of operators' work from the system administrator's workplace, including: the ability to listen to operators' conversations with users of communication services; the ability to record and subsequently play back operators' conversations with users of communication services	provided/not provided
					the ability to call technical staff, senior operators, and service managers from any workstation	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.930					Possibility of two-way Telephone communication repair bureau with cross-connects of local public telephone network stations using central office equipment designed for organizing repair bureaus	provided/not provided
					the ability to organize automatic calling (alerting) of subscribers on a list using central office equipment with outgoing connection lines	Provided/Not provided
					Possibility of organizing various types of workplaces: operators; senior operators, service managers (shifts); system administrators; technical personnel	provided/not provided
					ability to establish outgoing connections with subscribers of the local public telephone network	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.930					Possibility: transfer forwarding) by the operator of a call from one operator's workstation to another operator's workstation for handling, freeing up the workstation of the operator who transferred the call, or to an auto-attendant; operator reference during call handling without freeing up the operator's workstation; organization of internal telephone communication between operators from the workstation; organization of conference calls by the operator or senior operator: communication service user - operator - senior operator; interruption of the current call by the operator with subsequent resumption of the interrupted call	provided/not provided (call

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1,930					Issuance to users Communication services for official information messages (auto-informer phrases) at various stages of establishing a connection, both while the calling user is waiting for a response from the communication services and while the call is being handled by the operator; it is possible to delete individual phrases and record new ones	provided/not provided
					release of the public telephone network channel: when the operator hangs up; when the calling subscriber hangs up; when the called subscriber hangs up for outgoing connections	provided/not provided
					distribution of incoming calls among operator workstations; when busy all workstations are busy	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.930					Operators organize a queue of incoming calls awaiting service; calls awaiting service are handled as operators become available, with calls from the transit zone communication node being handled on a priority basis.	
1.931.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications of 02.09.2008 No. 36, of 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484), Interactive Voice Response (IVR) subsystem for subscribers; Other	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	access to external information systems	provided/not provided
					ability to transfer to operator call handling	provided/not provided
					playback of speech consisting of pre-recorded or synthesized fragments	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.931.	research (testing); methods of other research (testing) without specification				Access to the IVR subsystem according to the number dialed by the user using communication services, followed by the selection of a service by dialing additional digits in tone mode (DTMF) or transferring the call to an operator	provided/not provided
					Availability of built-in or interaction with an external speech recognition and synthesis system	provided/not provided
					Availability of a script designer for call processing and multi-level IVR menu construction	provided/not provided
					Creation and modification of auto-informer phrases	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.932	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484), Collection and storage of information on the operation of central office equipment; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	data search capability on services provided by date, time period, subscriber device number of the calling subscriber, service number, personal operator number	provided/not provided
					recording of data on service operation; recording of staff working hours (operators, senior operators, service managers) and duration of breaks; recording of calls handled at the workplace; recording of the output of all operators during all periods of work; recording of the output of senior operators	provided/not provided
					generation for the accounting center and storage of statistical, operational, and service information, information about services provided to users of communication services communications, for each	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.932.					incoming connection: date and time of commencement and duration of service provision (year, month, day, hour, minute, seconds); service numbers (service code); personal numbers of operators receiving calls and providing services; subscriber numbers of the user terminal equipment of the calling subscriber; composition and quantity of services provided	
1.933.	Program and methodology for type conformity testing, approved by the IC SPbGUT I O.O1.2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Information and Communications of Russia, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484), Functions	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	SP and STP signaling networks OKS No. 7	provided/not provided
					automatic determination of the category and subscriber number of the terminal (user) equipment of the calling subscriber and transmission of this information to other communication nodes and to the Central Office 112	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.933.	emergency response service call handling centers (ERSC); Other research (testing); other research (testing) methods without specification				Interaction with TSMN (either separately or as part of an external automated information system) for the purpose of obtaining and/or standardizing the presentation of information about the location or installation site of terminal (user) equipment	provided/not provided
					ability to establish connections via direct and bypass routes	provided/not provided
					protection of telephone connections from the disruptive effects of electrical echo	provided/not provided
					construction of a transit or terminal communication node with a geographically distributed structure	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Characteristic being determined (Indicator)	Range of determination
1.933						provided/not provided
					Establishment of automatic outgoing connections to the Central Office 112	
					Establishment of automatic outgoing connections to the central office-112 with the provision of information about the location or installation site of the terminal (user) equipment in telephone signaling messages when establishing a connection	Provided/Not provided
					Establishment of automatic outgoing connections to emergency operational and information reference systems of the local telephone network	provided/not provided
					Establishment of automatic outgoing, incoming, and transit local and/or zone telephone connections between users	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.933.					Communication services	
					Establishment of connections with information reference systems of zone telephone networks	Provided/Not provided
					recording connection data for statistical purposes	provided/not provided
1.934.	Program and methodology for type conformity testing, approved by the IC SPbGUT I O.O1.2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	identifier the servicing communications network for the purpose of ensuring the transmission of information about the location of terminal (user) equipment of mobile radio telephone networks	provided/not provided by

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.934	30.11.2015 No. 484), Reception according to interstation telephone signaling protocols of the UOVES for establishing a connection; Other research (testing); methods of other research (testing) without specifying				information about the location locating terminal (user) equipment, transmitted by the servicing communications network automatically, without request, upon initiation of a call addressed to the single number "112", in the directions of interstation communication from the switching equipment of public communications networks	provided/not provided for
1.935.	Program and methodology for type conformity testing, approved by the IC SPbGUT I O.O1.2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484),	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	request and reception from TSMN equipment (if available - either dedicated or as part of an external automated information system) information about the location of terminal (user) equipment	provided/not provided by

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.935	Technical means of processing information on the location of terminal (user) equipment (TSMN); Other research (testing); Methods of other research (testing) without specification				transfer to COV-112 information about the location of terminal (user) equipment automatically, without request, upon initiation of a call to the single number "112" in the signaling stream for establishing a connection to the Central Office 112	provided/not provided
1.936.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated December 12, 2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484), Functions of emergency call centers (COV-112); Other research (testing);	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	when an incoming telephone the reception and recording of the serving network identifier and information about the location of the user equipment (terminal equipment) from which the call was made, if available in the signaling messages for establishing a connection using the Session Initiation Protocol (SIP) from the UOVEO	provided/not provided call,

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.936	Other research (testing) methods without specification				upon receipt of incoming text messages receiving and recording the identifier of the servicing network and information about the location of the user equipment (terminal equipment) from which the short text message was sent, if available in the signaling messages for establishing a connection using the Session Initiation Protocol (SIP) from TSK-112	ensured/not ensured short
					receipt and recording of addressable provided information on the number of the calling or called subscriber for each incoming call or short text message	provided/not
1.937.	Type conformity testing program and methodology, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 54.	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.11O	8517	Possibility automated (without dialing) reconnection to the user	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU HS code	Defined characteristic (indicator)	Range of determination
1.937.	Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Information and Communications of Russia, orders of the Ministry of Communications Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484), Distribution of calls to the 112 emergency call center among operator workstations; Other studies (tests); methods of other studies (tests) without specification				(final) equipment of the person who called the single number "112" in case of sudden interruption of the connection	
					the ability of the 112 call center operator to set up a conference call: the person who called the single number "112" - 112 call center operators, if if necessary, dispatchers of the duty dispatch service	provided/not provided
					the possibility of organizing various types (functional and/or territorial groups) of workplaces for operators of the emergency services call system using the single number "112"	provided/not provided
					Possibility of organizing official telephone communication between operators of the Central	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.937					Ability to transfer (forwarding) a call from one workstation to another workstation of the 112 emergency call center operator for its handling, freeing up the workstation of the operator who forwarded the call	provided/not provided
					Ability to establish a telephone connection at the initiative of the of the 112 call center to users of telephone services of the public communications network	Provided/Not provided
					organization of a queue of calls waiting to be answered when all operator workstations in the group (groups) are busy. Calls waiting to be answered are answered as operators in the group become available	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.937.					network channel release public telephone service: when the call is disconnected by the operator of the central office 112; when the call is disconnected by an employee of the organization to whom the call was transferred for service; when the call is disconnected by the calling subscriber; when the call is disconnected by the called subscriber for outgoing calls from the workstations of the central office 112	provided/not provided
					Call distribution (taking into account fault tolerance and redundancy, as well as overload handling): based on the analysis of the caller's address information (by territory (service area) or by function); based on the analysis of the called party's address information (by territorial basis	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.937.					(service area) or by functional feature); based on the results of analysis of information about the location of the user equipment (terminal equipment) from which the call or message about the incident was made: (by territory (service area))	
1.938.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated 12.12.20] 1 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484), Initiation of request TSOV-112 to TSMN; Other research (testing);	Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.11.110	8517	automatically when upon receipt of an incoming call or short text message	provided/not provided
					on the initiative of operator TsOV-112	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.938	Other research (testing) methods without specification					
1.939	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 54. Methodology for testing compliance with requirements for distribution functions calls (orders Orders of the Ministry of Communications of Russia, Orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated 12.12.2011 No. 340, dated 15.09.2015 No. 346, dated 30.11.2015 No. 484), Possibility of processing of the user's request user after disconnection; Other research (tests); methods of other research (testing) without specification	Equipment communication; Means of communication, performing the function switching systems;	26.30;26.30.11.110	8517	processing capability user handling after disconnection connection in the network telephone communication use without release of the worker operator location	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.940.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications of 02.09.2008 No. 36, of 29.01.2009 No. 16, dated December 12, 2011 No. 340, 15.09.2015 No. 346, dated 30.11.2015 No. 484), The ability to collect and store information about calls to the single number "112"; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	data recording capability with each reception of a short text message,	provided/not provided
					call recording capability for each incoming call	provided/not provided
					ability to collect information about incoming calls via a single number "112"	provided/not provided
					ability to collect information about outgoing calls from 112 operators	provided/not provided
					ability to store information about incoming calls to the single number "112"	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.940					Storage capacity Information about outgoing calls from operators of the Central Operations Center-112	Provided/Not provided
1.941.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated December 12, 2011 No. 340, 15.09.2015 No. 346, dated 30.11.2015 No. 484), Automatic call processing by the Central Office-112; Other research (testing); Methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	automatic Provision of voice notification to the user by technical means of the TsOV-112 before connecting the TsOV-112 operator's workstation: "You have called the emergency services call system. All calls are recorded"; if the user's terminal device is identified as a device registered with a foreign telecommunications operator, the voice notification is provided in Russian and English	provided/not provided
					automatic provision of an interactive voice menu to the user menu with the option	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.941.					emergency selection operational service by means of additional frequency dialing, or continuing to wait for a response from the CO-112 operator if the estimated time to start servicing the call is more than two minutes using the technical means of CO-112	
					placing the call in a queue in the absence of a free operator at the Central Operations Center (COC) 112 at the time of receipt of the message; the technical means of the COC 112 automatically provide the user with a voice notification of the estimated waiting time for the call to be answered; the voice notification is provided in Russian and English if the call to the single number "112" was made from the user's terminal device,	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.941.					for which a contract for the provision of telephone services has been concluded with a foreign telecommunications operator	
1.942.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated December 12, 2011, No. 340, dated 15.09.2015 No. 346, dated November 30, 2015 No. 484), Technical means for short text messages addressed to the single emergency services number "112" (TSKS-112); Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.11O	8517	System support and telephone signaling protocols in incoming directions from TSKC-112 in order to ensure the reception of information about the location of user equipment (terminal equipment) from the public mobile radio telephone network	provided/not provided
					reception via communication channels from TSKC-112 of the service network identifier transmitted automatically by the mobile radio telephone network, without request, upon transmission of a short text message addressed to the single number "112", in	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.942					SIP protocol signaling flow	
1.943.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 54. Methodology for verifying compliance with call distribution function requirements (orders of the Ministry of Communications and Mass Media of Russia, orders of the Ministry of Communications of Russia dated 02.09.2008 No. 36, dated 29.01.2009 No. 16, dated December 12, 2011 No. 340, 15.09.2015 No. 346, dated 30.11.2015 No. 484), Technical means of processing information TSOV-112 on the location of user equipment (TSMN); Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.11.110	8517	Interaction with TSMN or with the information systems of telecommunications operators via the HTTPS protocol when performing a COV-112 request and receiving information about the location of the user equipment (terminal equipment) from which the call was made or the short text message was sent, and other data necessary to respond to the request (incident report)	provided/not provided
					use of the subscriber number as an identifier of user equipment (terminal equipment) in the TSMN subscriber number,	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.943.					Identifying user equipment (terminal equipment) from which the call was made or the short text message was sent, when interacting with the 112 emergency call center TSMN or telecommunications operators' information systems	
					receiving information about the location	is/is not available
					on the location user equipment (terminal equipment) from which the call was made or the short text message was sent, and other data necessary to respond to a request (incident report) from TSMN or telecommunications operators' information systems in XML format	

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (Indicator)	Definition range
1.944	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 of July 2, 2007), Automation of settlements; Other research (testing); Methods of other research (testing) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	automation of payments for several types of communication services	provided/not provided
					automation of payments for ONE TYPE of COMMUNICATION SERVICES	provided/not provided
1.945	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), List of types of communication services; Other research (testing); methods of other research (testing)	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	List of types of communication services for which payments are implemented in the ACS	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.945						
1.946	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Specified performance and preservation of quantitative and qualitative indicators in the case of processing the declared volume of information and (or) the declared intensity of the event flow; Other studies (tests); methods of other studies (tests) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	Maximum number capacity of the communications network for which the ACS is capable of processing all information about communications services provided to subscribers	provided/not provided
					maximum number of subscribers for which the ACS is capable of processing all information about communication services provided to subscribers	provided/not provided
					maximum number of users of communication services who simultaneously order and/or consume communication services in real time	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.946					maximum quantity Access points at a collective use point (collective access point, communication point)	provided/not provided
					Maximum volume of source information about communication services provided that the ACS is capable of processing per unit of time	provided/not provided
					maximum traffic volume that the ACS is capable of processing per unit of time	provided/not provided
1.947	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated billing system (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Sequence configuration tools	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	Sufficiency and correctness of processed data	ensured/not ensured
					sequence of execution of data processing technological processes	ensured/not ensured

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1,947.	execution of operations technological processes data processing, as well as means of verifying the correctness of their execution, implicating registration; Other research (tests); methods of other research (testing) without specification				completion status of each data processing operations	ensured/not ensured
1.948.	Program and methodology of confirmation tests type conformity, Approved by the IC SPbGUT 10.01.2017. Appendix 55. Methodology for verifying compliance with requirements for automated settlement system settlement system (order of the Ministry of Communications and Mass Media of Russia dated 02.07.2007 No. 73), Documentation; Other research (testing); methods of other research (testing) without specification	Equipment used for accounting for the volume of services rendered communication services;	26.30.11.140	8517	documentation information generated	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.949	Program and methodology of confirmation tests type conformity, Approved by the IC SPbGUT 10.01.2017. Appendix 55. Methodology for verifying compliance with requirements for automated settlement system settlement system (order of the Ministry of 02.07.2007 No. 73), Consistency; Other research (testing); methods of other research (testing) without specification	Equipment used for accounting for the volume of communication services;	26.30.11.140	8517	Consistency information generated	ensured/not ensured
1.950.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 55. Methodology for verifying compliance with requirements for automated calculation system (order Ministry of Communications and 02.07.2007 No. 73), Absence deterioration in the time parameters of ACS functions related to information support for access to the communications network and (or)	Equipment used for accounting for the volume of communication services;	26.30.11.140	8517	information reference service subscribers and (or) users of services communication	provided/not provided
					the formation of statistical and analytical documents	compliant/non-compliant

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.950	Communication services, conditional; Other research (testing); Methods of other research (testing) without specification					
1.951	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Provision of information; Other research (testing); Methods of other research (testing) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	Provision information necessary for the operation of the ACS, in Russian	provided/not provided of
1.952.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated system	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	automated and/or generation of personal account numbers and contract numbers for the provision of communication services	automated/non-automated

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.952.	settlements (Order of the Ministry of Information and Communications of Russia No. 73 dated July 2, 2007), Functions and technical parameters of the ACS designed to automate settlements with subscribers; Other research (testing); methods of other research (testing) without specification				applicability Subscription and pay-as-you-go systems for communication services	provided/not provided
					Possibility of registering a targeted payment (for a specific communication service consumed and/or type of communication service; to a specific personal account (if the subscriber has several personal accounts); for a specific billing period)	Provided/Not provided
					ASR response time to a database query (from the moment the query is received by the ASR query processing system), resulting in the return of information about the current financial status of a single personal account (does not exceed 5 seconds)	from 0.01 to 35,999.99 (c)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.952					ASR response time to a database query, which returns information on the financial status of one personal account for six accounting periods (does not exceed 15 s)	from 0.01 to 35.999.99 (s)
					Payment registration time (no more than 5 s)	from 0.01 to 35999.99 (s)
					billing time (does not exceed 10 seconds after receipt of the initial information about the communication service provided)	provided/not provided
					time spent on generating selective information about subscribers based on three criteria (does not exceed 60 seconds)	from 0.01 to 35999.99 (seconds)
					performance of ACS administration functions (ensuring the integrity and availability of stored, processed, and transmitted information;	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.952					Data archiving; data backup and recovery; restoration of operability after elimination of the causes of the emergency situation; informing the personnel responsible for servicing the ACS in the event of an emergency situation)	
					performance of functions related to maintaining regulatory and reference information (maintaining a directory of workers, days off, holidays, and special days; maintaining tariffs and tariff plans; maintaining a directory of tariff zones and directories of country codes and numbering zone codes (for automated billing systems that provide tariffing of intra-zone and (or) long-distance and (or) international telephone services communications); preservation	ensured/not ensured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.952					Change "history" tariffs in accordance with the statute of limitations)	
					performing information support functions for mutual settlements between telecommunications operators (collecting source information on telecommunications services provided with the participation of cooperating telecommunications operators; tariffing services for traffic transmission; generating information necessary for the automation of mutual settlements; accounting for and controlling mutual settlements with cooperating telecommunications operators, including telecommunications operators bound by roaming agreements; generating information about telecommunications services provided to roamers for sending to cooperating	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.952.					Display and documentation of subscriber information	provided/not provided
					viewing subscriber information during the term of the contract with the subscriber, and after the contract expires, during the statute of limitations	Provided/Not provided
					Cost of communication services provided or ordered (determined to the nearest kopeck)	provided/not provided
					Uniqueness of personal account numbers and communication service contract numbers, as well as the immutability of these numbers throughout the term of the communication service contract and during the statute of limitations after the expiration of the communication service contract	ensured/not ensured
					Communication	

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.952.					Formation of arrays with information necessary to activate or restrict access to the subscribers' communication network and (or) change the status of access to communication services for ACS subscribers as part of information support for managing access to the communication network and (or) communication services	provided/not provided
					generation of payment documents for cash and non-cash payments	provided/not provided
					functions of the payment acceptance point (if any) of the ACS (acceptance of payment and its registration on the personal account specified by the payer; registration of payment on the cash register; distribution of payment by types of communication services and/or personal accounts of the subscriber; reversal of a previously accepted payment; refund of	provided/not provided

N P/P	Documents establishing the rules and methods of research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.952.					Registration and accounting functions and control of payments (registration and accounting of cash and non-cash payments; accounting of unrecognized payments; entering information about recalculations for communication services rendered; automation of payment allocation (search for matches by payment type, subscriber, payment amount, payment date, and payment details); updating the balance of the subscriber's personal account within no more than 5 seconds from the moment the information about the subscriber's payments is received by the automated settlement system)	ensured/not ensured
1.953.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 55. Methodology for verifying compliance with requirements for an automated system	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	type user (terminal) equipment (if available)	provided/not provided for

N	Documents establishing rules and methods for research (testing) and measurement	Name of object	KODOKPD 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.953	calculations (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007) Possibility of registering (generating) and storing the following information for each subscriber; Other research (testing); methods of other research (testing) without specification				Data for calculating taxes (if necessary)	provided/not provided
					Identification feature of the long-distance and international telephone operator specified by the subscriber for receiving long-distance and international telephone services (in case of pre-selection of the telecommunications operator)	provided/not provided
					at least two unique personal account identifiers (separately or in combination)	provided/not provided
					SIM card numbers (if available)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.953					List of assigned subscriber numbers and (or) unique identification codes	provided/not provided
					feature reflecting the choice of tariff plan	provided/not provided
					a feature reflecting the subscriber's consent to access long-distance and international telephone services	provided/not provided
					a feature reflecting the method of selecting long-distance and international telephone network operators, as determined by the subscriber when concluding a contract for the provision of communication services	provided/not provided
					registration data of the contract (contracts) for the provision of communication services: unique number (numbers), effective date, End date	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Characteristic being determined (Indicator)	Range of determination
1.953					or conditions for termination of services, tariff plan	
					information about the subscriber (surname, first name, patronymic, date and place of birth, place of residence, and details of the main identity document - for a citizen, the name (company name) of the legal entity, its location (place of state registration) - for a legal entity)	provided/not provided
					information necessary for delivering bills to the subscriber	provided/not provided
					unique numbers or personal account numbers (for separate charges for services rendered)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.953.					Subscriber	
1.954.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated billing system (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated 02.07.2007), Subscriber accounting functions for automated billing; Other research (testing); Methods of other research (testing) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	changes made to information about subscribers, except for the contract number and personal account number	provided/not provided
					monitoring compliance with the terms and conditions of contracts for the provision of communication services	provided/not provided
					search in the database of subscribers' personal accounts by specified details (attributes)	provided/not provided
					registration and maintenance of contracts for the provision of communication services	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.954					Recording and storage of information provided about subscribers, necessary and sufficient for the unambiguous identification of subscribers, billing and calculation of the cost of communication services provided to them, calculation of penalties (fines), generation of payment documents, control of delivery of payment documents to subscribers, registration and control of payments, information and reference services for subscribers, registration and processing of claims regarding payments for communication services	provided/not
					storage of "history" changes to information about subscribers during the term of the contract with them, and after the expiration of the contract during the limitation period	provided/not provided
1.955.	The program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55.	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	automatic and (or) automated verification of the reliability and accuracy of source information, including:	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODKOPD 2	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.955.	Methodology for verifying compliance with requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Functions of collecting, initial processing, controlling, and entering source information about communication services provided into the database;Other studies (tests); methods of other studies (tests) without specification				setting criteria and (or) conditions under which the initial information about the communication services provided is considered erroneous; verification of compliance with the specified criteria; verification of the absence of duplication of the initial information	
					automatic and (or) automated collection of initial information about communication services provided by another communication operator (for automated billing systems intended for use on communication networks that provide access to communication services provided by another communication operator)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.955					automatic and/or Automated and/or manual collection of source information on communication services provided, taking into account the specifics of their billing (in deferred mode, in real time, during the provision of communication services)	provided/not provided
					Accumulation of source information on communication services provided	provided/not provided
					ensuring the ability to view, correct, and subsequently process the "rejection" array	provided/not provided
					combination (consolidation) of various source information related to a single communication service provided	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.955.					registration in files or Tables of the list of corrected entries in the "rejection" array, dates and times of corrections, performer ID	provided/not provided
					filtering and sorting of source information about communication services provided	provided/not provided
					creation of an information array with source information (a "rejection" array) that has not passed verification, with indication (code) of error	provided/not provided
1.956.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Functions	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	possibility of recalculation recalculation of charges for communication services for the period of absence of communication through no fault of the subscriber, if provided for in the contract for the provision of communication services between the communication operator and the subscriber	provided/not provided for

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.956.	tariffing and calculating the cost of communication services provided; Other research (testing); methods of other research (testing) without specifying				performance (including urgent, immediately after the provision of communication services) settlements in the inter-settlement period (before the regulated settlement start date) for one or a group of subscribers	provided/not provided
					settings for each type of communication service criteria used in the formation of tariff plans, according to which the communication service provided is not included in the volume of communication services provided	provided/not provided
					configuration of billing units for each type of communication service	provided/not provided
					settings for rounding rules for values characterizing the volume of communication services provided, including rules for rounding incomplete billing units	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Range of determination
1.956.					Ensuring the possibility to round the value characterizing the volume of communication services provided to the nearest second or byte	provided/not provided
					calculation of taxes	Provided/Not provided
					calculation of penalties (fines) for late payment for communication services in accordance with the terms specified in the communication services agreement (if any)	provided/not provided
					registration of the results of adjustment and recalculation of the cost of communication services provided	provided/not provided
					tariffing and calculation of the cost of communication services provided, taking into account tariffs (tariff plans) in effect at the time	ensured/not ensured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.956.					Start of service provision Communication	
					Storage of the "history" of accruals and payments for each personal account during the limitation period	Provided/Not provided
					storage of billing and settlement results, including the results of calculations of accrued penalties during the limitation period statute of limitations	provided/not provided
1.957.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Functions when implementing the possibility of making payments by card in the ACS,	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	automatic Identification of a payment card, the amount of the payment asset of which the subscriber intends to transfer to a rechargeable personal account	provided/not provided
					automatic identification of the rechargeable personal account	provided/not provided

N P/P	Documents establishing the rules and methods of research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.957	intended for replenishment of personal accounts; Other research (testing); methods of other research (testing) without specification				automatic blocking of the payment card (immediately after the transfer operation) whose payment asset has been transferred in full	provided/not provided
					automatic change in the balance of the replenished personal account by the amount of the transferred payment asset	secured/unsecured
					automatic saving of the details of the source of the payment asset amount, the amount of the transferred payment asset, and the date and time of the replenishment transaction	provided/not provided
					automatic transfer, upon subscriber initiation, of all or part of the payment asset amount from the current account of the identified payment card to the identified replenishable personal account	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.957					Maintenance of the register issued payment cards	provided/not provided
1.958.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007) Performance of information and reference services for subscribers; Other research (testing); Methods of other research (testing) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	informing the subscriber, in the event of using advance payment for communication services, about the reduction of cash reserves in his personal account below a certain level specified in the contract for the provision of communication services (if technically possible to implement such a function)	provided/not provided
					setting the criteria according to which a subscriber is considered a debtor	provided/not provided
					preparation and provision of reference information to subscribers: on communication services provided; charges made; terms	Provided/Not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.958.					Payment or terms expiration of the payment; accepted payments; the amount of the subscriber's debt for communication services; tariffs (tariff plans)	
					registration of notifications to subscribers about outstanding debts for communication services (if the function of notifying subscribers by means of ACS is implemented)	provided/not provided
					formation of a data array with information on subscribers who have debts for communication services	provided/not provided
					Formation of lists of debtors and statements on temporary restriction of debtors' access to communication services or the network	Provided/Not provided
					Communications	

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.959.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Performance of functions of interaction with external automated systems; Other research (testing); Methods of other research (testing) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	transmission of prepared information to external automated systems	provided/not provided
					receiving information about subscriber payments	provided/not provided
					receipt of information used for billing and calculations from external automated systems	provided/not provided
					verification of the reliability and accuracy of information received from external automated systems, including: setting criteria according to which the information received is considered erroneous; checking the received information for compliance with the specified criteria; checking the completeness of the information received information; verification	ensured/not ensured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.959					Duplication of information received information; verification of the consistency of the information received	
					recording in electronic logs the fact of transferring information to external automated systems, indicating the date and time of transfer	ensured/not ensured
					recording in electronic logs of the fact of receiving information from external automated systems, indicating the date and time of receipt	ensured/not ensured
					recording of the information received	ensured/not ensured
					generation of information required for transfer to external automated systems in accordance with established rules systems	ensured/not ensured

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.960.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Functions and technical parameters of the automated settlement system designed to automate settlements for communication services provided using communication service payment cards; Other studies (tests); methods of other studies (tests) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	ability to configure set of characters allowed when forming the access code, and number of characters in the access code	provided/not provided
					ASR response time to a database query, which returns information about the payment balance of a single payment card communication services (does not exceed 5 seconds)	from 0.01 to 35999.99 (s)
					ASR response time to a database query, which returns information about the "history" of transactions with a communication services payment card (does not exceed 15 s)	from 0.01 to 35999.99 (s)
					time spent by the automated billing system on generating selective information on communication service payment cards based on three details (not exceeding 60 s)	0.01 to 35999.99 (c)

N P/P	Documents establishing the rules and methods of research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.960					Function performance of ACS administration (ensuring the integrity and availability of stored, processed, and transmitted information; data archiving; data backup and recovery; restoration of operability after eliminating the causes of an emergency situation; informing personnel responsible for ACS maintenance about the occurrence of an emergency situation)	provided/not provided
					performing regulatory and reference information management functions (maintaining a reference book of working days, weekends, holidays, and special days; maintaining tariffs and tariff plans (a reference book of tariffs for all communication services); maintaining a reference book of tariff zones and reference books of country codes and area codes (for	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.960.					calculations in which provide for the billing of intra-zone and/or long-distance and/or international telephone services); preservation of the "history" of tariff changes in accordance with the statute of limitations)	
					performing functions of interaction with communications equipment that performs functions of controlling access to communications services (receiving information from the communications service control node that provides authorization for the communications service payment card; transmission to the communication service control node of a prohibition or permission, with data on the maximum possible volume of the ordered communication service; transmission to the communication service control node of information on automatic disconnection in	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1,960.					communication services with incorrect access code)	
					performance of information support functions for mutual settlements between telecommunications operators (when processing telecommunications services provided with the participation of other telecommunications operators) (collection of source information on telecommunications services provided with the participation of cooperating telecommunications operators; billing for traffic transmission services; generating information necessary for the automation of mutual settlements; accounting for and controlling mutual settlements with cooperating telecommunications operators, including telecommunications operators bound by roaming	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.960.					Communication services provided to roaming users for sending to cooperating telecommunications operators)	
					Performing the functions of registration, accounting, and control of payments in the case of a one-time transfer of the payment asset amount from one telecommunications service payment card to the current account of another (automatic identification of the telecommunications service payment card, the payment asset amount of which is to be transferred to the current account of another telecommunications service payment card; automatic identification of the communication services payment card whose current account is to be replenished; automatic (upon initialization by the owner of the communication services payment cards) transfer of the payment asset amount from the current account of one identified card	provided/not provided

N P/P	Documents establishing the rules and methods of research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.960.					Payment for communication services on current account of another identified telecommunications service payment card; automatic saving of the details of the source of the payment asset amount transferred to the rechargeable current account of the telecommunications service payment card, the date and time of the transaction; automatic blocking of the telecommunications service payment card (immediately after the transfer transaction) whose payment asset has been transferred in full)	
					identification of the telecommunications payment card by its inventory number	provided/not provided
					the use of the inventory number and meaningless characters in the access code of the communication services payment card is excluded	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Scope of determination
1.960					Determination of the cost of ordered communication services with accuracy to the nearest kopeck	provided/not provided
					Display and documentation of payment card details for communication services in accordance with current legislation in the field of information security	Provided/Not provided
					providing cardholders with reference information on all transactions made with communication service payment cards, including information on communication services provided	provided/not provided
					registration of commands transmitted to the communication service control node, indicating the following information (the identifier of the communication service control node to which the command was transmitted	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.960.					commands with all parameters; dates and times of command transmission; identifier of the command initiator)	
					generation of payment documents	secured/unsecured
1.961.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 of July 2, 2007), Possibility of registering and storing payment card details for communication services; Other research (testing); Methods of other research (testing) without specification	Equipment used to record the volume of telecommunications services provided;	26.30.11.140	8517	Permissible quantity simultaneous sessions	provided/not provided
					inventory number	provided/not provided
					access code	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.961.					Maximum level of permissible credit, if the algorithm for servicing the current account of the payment card for communication services is implemented, allowing communication services to be provided on credit	provided/not provided
					Nominal value	secured/unsecured
					of the list of communication services permitted for use	secured/unsecured
					activity indicator and (or) activation date and (or) end date of current account operations	provided/not provided
					term of validity after activation	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.961.					period during which Activation of a communication services payment card is permitted	provided/not provided
					Tariff plan (if necessary)	Provided/not provided
					current account	provided/not provided
					type (if there is more than one algorithm for servicing the current account of the payment card communication)	provided/not provided
1.962.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (order	Equipment used to record the volume of communication services provided;	26.30.1 1,140	8517	automatic control compliance with the conditions and deadlines for authorizing transactions using communication service payment cards	provided/not provided for

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1,962	Ministry of Communications and Mass Media of Russia dated 02.07.2007 No. 73), Performing functions related to accounting for communication service payment cards; Other research (testing); Methods of other research (testing) without specification				Prohibition of viewing by means of the applied software used access codes	provided/not provided
					database search	provided/not provided
					deletion and archiving of information about payment cards for communication services	provided/not provided
					recording and storage of details necessary and sufficient for its unambiguous identification, billing and calculation of the cost of communication services provided, generation of output documents, registration and control of payments, information and reference services for owners of communication service payment cards	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.962.					Formation and storage in form that is inaccessible for modification and deletion by application software, registration records for all transactions conducted with communication service payment cards	provided/not provided in a
					Formation repeating inventory numbers and access codes	provided/not provided non
1,963.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 55. Methodology for verifying compliance with requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Performing the functions of collecting, initially processing, controlling, and entering into the database the source information about the communication services provided using cards	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	automatic in real-time collection of source information about communication services provided	provided/not provided
					automatic and/or automated verification of the accuracy and correctness of the source information entered, including: setting criteria and/or conditions according to which source information about communication services provided is considered erroneous;	is/is not

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.963.	payment; Other research (testing); methods of other research (testing) without specifying				Verification of compliance against specified criteria; verification of the absence of duplication of source information	
					real-time monitoring of source information on communication services provided	provided/not provided
					accumulation of entered source information about communication services provided	provided/not provided
					combination (consolidation) of various source information relating to a single communication service provided	provided/not provided
					filtering and sorting of source information about communication services provided	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.964	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Performing the functions of tariffing and calculating the cost of communication services provided using payment cards; Other studies (tests); methods of other studies (tests) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	keeping a "history" of payment asset movements on the current account of the telecommunications service payment card	provided/not provided
					possibility of adjusting the amount of the payment asset (current account balance) of cards for payment of communication services based on the results of recalculation of the accrued fee for communication services rendered	provided/not provided
					the possibility of recalculating the cost of telecommunications services provided during the limitation period when considering claims from telecommunications service card holders	provided/not provided
					changes in the remaining balance of the communication services payment card as accounting data on communication services rendered is received from the service control center	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.964						provided/not provided
					Adjustments and recalculations (in deferred mode) of the cost of communication services provided	
					settings for each type of communication service criteria used in the formation of tariff plans, according to which the communication service provided is not included in the volume of communication services provided	provided/not provided
					configuration of billing units for each type of communication service	provided/not provided
					settings for rounding rules for values characterizing the volume of communication services provided, including rules for rounding incomplete units1,1 billing	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.964					Ensuring the possibility settings for rounding the amount characterizing the volume of communication services provided, with an accuracy of one second or one byte	provided/not provided
					checking the sufficiency of the payment asset amount in the current account of the communication services payment card to pay for the ordered communication service	provided/not provided
					real-time calculation of the maximum volume of the ordered communication service based on the balance of the payment asset of the communication service payment card and the applicable tariff plan	provided/not provided
					calculation of taxes in accordance with applicable law	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Characteristic to be determined (Indicator)	Range of determination
1.964					Registration of results Adjustment and recalculation of the cost of communication services provided	provided/not provided
					real-time comparison of the payment asset value of the communication services payment card with the set threshold value and, in case of complete exhaustion of the payment asset, transmission of a command to the service control node to interrupt the connection	provided/not provided
					tariffing and calculation of the cost of communication services provided, taking into account the tariffs (tariff plans) in effect at the time the communication service began	ensured/not ensured
					storage of billing and settlement results during the limitation period	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Detection range
1.965.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for automated billing systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Performing functions of interaction with external automated systems for automating settlements for communication services provided using communication service payment cards; Other research (testing); methods of other research (testing) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	transmission of prepared information to external automated systems	provided/not provided
					receiving information from external automated systems used for billing and calculations	provided/not provided
					verification of the accuracy and correctness of information received from external automated systems, including: setting criteria according to which the information received is considered erroneous; checking the information received for compliance with the specified criteria; checking the completeness of the information received; checking for duplication of the information received; checking the consistency of the information received	Ensured/Not ensured

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.965.					registration in electronic logs of the transfer of information to external automated systems, indicating the date and time of transfer	provided/not provided
					recording in electronic logs of the fact of receiving information from external automated systems, indicating the date and time of receipt	Ensured/Not ensured
					registration of received information	provided/not provided
					forming, in accordance with established rules, the information necessary for transfer to external automated systems	ensured/not ensured
1.966.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 55.	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	storage of information about (processed), accepted and unfulfilled orders for the last 24 hours in case of an emergency	is/is not provided for closed

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.966	Methodology for verifying compliance with the requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Functions and technical parameters of ASR intended for use at collective use points (collective access points, negotiation points);Other studies (tests); methods of other studies (tests) without specifying				the situation or complete shutdown of the ACS	
					the functioning of points public access points (collective access points, call centers) in terms of payment for communication services rendered	is ensured/not ensured at
1,967.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), functions of automated settlement systems in terms of settling accounts for telephone services provided at public access points;	Equipment used to record the volume of telecommunications services provided;	26.30.11.140	8517	automatic restoration of operability in the event of a failure or temporary power outage with restoration of all information prior to the failure	provided/not provided
					possibility canceling an order before it is executed	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.967	Other research (testing); methods of other research (testing) without specification				the possibility of making additional fees without discontinuing the provision of communication services	provided/not provided
					the possibility of making changes to the details of the electronic order form before its execution (closure), with the exception of changes to: the personal identifier (number) of the operator who accepted the order; the date and time of order acceptance; the order number	provided/not provided
					printing of the order form (receipt) on a printing device	provided/not provided
					prohibition on correcting completed order forms	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Characteristic being determined (Indicator)	Range of determination
1.967						provided/not provided
					Monitoring of the current status of booths in real time	
					ensuring the ability of a telephone operator to dial the number of the called subscriber from a service telephone	Provided/Not provided
					Ensuring the ability to transmit a voice message to a controlled line using a speech synthesizer or a work phone	provided/not provided
					Ensuring the ability to connect a service telephone to any booth without interrupting the connection so that the operator can monitor the quality of the audio	provided/not provided
					determination and registration in an electronic order form of actual information about the communication service provided	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.967.					Provision of reference information on area codes, current rates, and the difference between local time and the time in the called location	provided/not provided
					acceptance of orders for communication services by filling out an electronic order form, which includes the following details: code (type) of the ordered communication service; code of the called location; telephone number of the called subscriber; declared (estimated) duration of the connection; connection urgency category; date and time of order acceptance (generated and registered in the electronic order form automatically without the involvement of an operator); personal data of the communication service user who ordered the communication service (e.g., surname and initials); personal	provided/not provided

N P/P	Documents establishing the rules and methods of research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.967					Identifier (number) the operator who took the order (registered in the electronic order form automatically without the operator's involvement); the order number (generated and registered in the electronic order form automatically without the operator's involvement); notes on notification, warning, transit, and reference	
					calculation of the preliminary cost of the ordered communication service (advance payment amount) based on the initial information registered in the electronic order form, and registration of the calculated cost in the electronic order form	provided/not provided
					calculation of the difference between the advance payment amount and the actual cost of the communication service provided and generation of the necessary documents	provided/not provided

N P/P	Documents establishing the rules and methods of research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Scope of determination
1.967.					calculation of the actual cost Communication service provided and recording of the amount received in the electronic order form	provided/not provided
					registration in the electronic order form of the amount of the advance payment made	Provided/Not provided
					storage of electronic forms of accepted and fulfilled orders during the claim submission period established by the current rules provision of communication services	provided/not provided
1.968.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Functions of the ACS in terms of settling accounts for services rendered	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	automatic restoration operational condition in the event of a failure or temporary power outage with restoration of all information prior to the failure	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.968.	telematic communication services at public access points; Other research (testing); methods of other research (testing) without specification				Possibility Cancellation of an order before its execution	provided/not provided
					Possibility of making an additional payment without terminating the provision of communication services	Provided/Not provided
					Possibility of making changes to the details of the electronic order form before its execution (closure), with the exception of changes to: the personal identifier (number) of the operator who accepted the order; the date and time of order acceptance; the order number	provided/not provided
					printing of the order form (receipt) on a printing device	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.968.					Prohibition on creation of completed order forms	provided/not provided
					monitoring of the current status of terminals in real time	Provided/Not provided
					determination and registration in the electronic order form of actual information about the communication service provided	provided/not provided
					provision of reference information on current tariffs	provided/not provided
					acceptance of orders for telematic communication services by filling out an electronic order form, which includes the following details: code (type) of the ordered communication service; declared (estimated) volume	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.968.					Communication services to be consumed; date and time of order acceptance (generated and recorded in the electronic order form automatically without operator involvement); personal data of the communication service user who ordered the communication service (e.g., surname and initials); personal identifier (number) of the operator who accepted the order (registered in the electronic order form automatically without operator involvement); order number (generated and registered in the electronic order form automatically without operator involvement)	
					calculation of the preliminary cost of the ordered communication service (advance payment amount) based on the initial information registered in the electronic order form, and registration of the calculated cost in the electronic	provided/not provided

N P/P	Documents establishing the rules and methods of research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.968					order form	
					calculation of the difference between the amount of the advance payment and the actual cost of the communication service provided, and preparation of necessary documents	provided/not provided
					calculation of the actual cost of the communication service provided and recording of the received cost in the electronic order form	provided/not provided
					recording the amount of the advance payment in the electronic order form	provided/not provided
					storage of electronic forms of accepted and fulfilled orders during the claim submission period established by the current rules	provided/not provided
					provision of communication services	

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.969	Program and methodology of confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 55. Methodology for verifying compliance with requirements for automated system calculations (order Russian Ministry of Communications 02.07.2007 No. 73), Functions and technical parameters of the ACS, intended for information support settlements between telecommunications operators; Other research (testing); methods of other research (testing) without clarification	Equipment used for accounting for the volume of communication services;	26.30.11.140	8517	Functions performed administration of ASR (ensuring integrity and availability of stored data, processed and transmitted information; data archiving; backup system; data recovery; restoration operability after elimination of causes, caused the emergency situation; informing personnel responsible for maintenance of ACS, in in the event of emergency situations)	provided/not provided
					performance of functions maintenance of regulatory reference information (maintaining a directory of working days, DAYS OFF, holidays and special days; maintaining tariffs and tariff plans (reference book of rates for all services provided by the pass traffic); maintaining reference book of tariff zones and country code reference books	ensured/not ensured

N Item	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.969.					and numbering zone codes (for automated billing systems that provide for tariffing of intra-zone and/or long-distance and/or international telephone services); preservation of the "history" of tariff changes in accordance with the statute of limitations)	
					performance of information and reference services (preparation and provision to cooperating telecommunications operators of reference information on services rendered for traffic transmission, on mutual settlements and payments received for a certain period, on the amount of debt for traffic transmission services; formation of a database with information on cooperating telecommunications operators,	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.969.					having debts on payment for traffic transmission services, for automatic and/or automated notification systems)	
					performing information support functions for mutual settlements with cooperating telecommunications operators (collecting source information on telecommunications services provided with the participation of cooperating telecommunications operators; billing for traffic transmission services; generating information necessary for the automation of mutual settlements; accounting for and controlling mutual settlements with cooperating telecommunications operators, including telecommunications operators bound by roaming agreements; generating information about telecommunications services provided to roamers, for sending	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1,969.					interacting telecommunications operators)	
					Use of personal account number as the main detail for identifying the interacting telecommunications operator	provided/not provided
					determination of the cost of services rendered and/or consumed for traffic transmission with an accuracy of kopecks	provided/not provided
					Generation of payment documents for cooperating telecommunications operators for each type of traffic transmission service provided, taking into account the start and end dates of the billing period, and generation of breakdowns of charges for a specified period of time for each cooperating telecommunications operator or group	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.969					Interoperating telecommunications operators	
1.970	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Functions of mutual settlements between telecommunications operators; Other studies (tests); methods of other studies (tests) without specification	Equipment used to record the volume of telecommunications services provided;	26.30.11.140	8517	automatic and (or) automated generation of a personal account number for each interacting telecommunications operator	provided/not provided
					ability to view the personal account number of each interacting telecommunications operator using application software	provided/not provided
					Upon expiration of the contract with the cooperating telecommunications operator, it shall not allow the use of its account number to identify the personal accounts of new cooperating telecommunications operators for a period of the limitation period	ensured/not ensured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.970					Uniqueness of number personal account and its unchanging throughout the entire term of the contract with the interacting telecommunications operator	ensured/not ensured
1.971.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 of July 2, 2007), Performing the functions of accounting for cooperating telecommunications operators; Other research (testing); Methods of other research (testing) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	making changes to information about interacting telecommunications operators	provided/not provided
					searching the database of interacting telecommunications operators by specified details (attributes)	provided/not provided
					recording and storage of information necessary and sufficient for the unambiguous identification of interacting telecommunications operators, billing and calculation of the cost of telecommunications services provided and/or consumed, and the generation of payment documents delivery control	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.971.					Interoperating communication operators for payment documents, registration and control of payments, information and reference services for interoperating communication operators	
					storage of "history" changes to information about interoperating telecommunications operators	provided/not provided
1.972.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O 1 .2017. Appendix 55. Methodology for verifying compliance with requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Performing the functions of collecting, initially processing, controlling, and entering into the database the source information on the traffic services provided and/or consumed for	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	automatic and (or) automated and/or manual collection of source information on traffic transmission services provided and/or consumed	provided/not provided
					automatic and/or automated verification of the accuracy and correctness of the source information entered about the traffic transmission services provided and/or consumed, including: configuration	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.972.	information support for mutual settlements between telecommunications operators; other research (testing); methods of other research (testing) without specifying				criteria, in accordance with for which the source information is considered erroneous; verification of source information for compliance with specified criteria; verification of the absence of duplication of source information	
					accumulation of source information on services rendered and/or consumed for traffic transmission	provided/not provided
					combination (consolidation) of various initial information relating to one traffic transmission service provided and/or consumed	provided/not provided
					reprocessing of the file **"sifting"**	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.972					Adjustment "rejection" file with registration in electronic journals of edited source information, date and time of corrections, performer ID	provided/not provided
					filtering and sorting in accordance with the specified rules of the source information on services rendered and/or consumed for traffic transmission	provided/not provided
					formation of an information array with source information (the "screening" file) that has not passed control, indicating the reason (code)	provided/not provided
1.973.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with requirements for automated systems	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	keeping "records" accruals and payments for each personal account	ensured/not ensured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.973.	calculations (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Performing the functions of tariffing and calculating the cost of services rendered and/or consumed for traffic transmission for information support of mutual settlements between telecommunications operators; Other research (testing); methods of other research (testing) without specification				adjustments and recalculation of the cost of services rendered and (or) consumed for traffic transmission	provided/not provided
					settings for each type of traffic transmission service criteria (e.g., a list of telephone numbers for which connections are not charged, the minimum chargeable amount for the traffic transmission service provided), according to which the service provided is not included in the volume of traffic transmission services provided and/or consumed	provided/not provided
					settings for billing units for each type of traffic transmission service	provided/not provided
					settings for rounding rules for the amount characterizing the volume of services provided and (or) consumed service for	provided/not provided

N Item	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Scope of determination
1.973.					Traffic throughput, including rules for rounding incomplete billing units	
					ensuring the possibility of adjusting the rounding of the value characterizing the volume of traffic transmission services provided and/or consumed with an accuracy of up to a second or a byte	provided/not provided
					calculation of taxes in accordance with applicable law	provided/not provided
					tariffing and calculation of the cost of traffic transmission services provided and/or consumed, taking into account their characteristics (duration/volume of traffic transmission services provided, date and time of commencement of traffic transmission services, and other characteristics	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.973.					service provided for traffic transmission, affecting the calculation results), tariffs (tariff plans) in effect at the time of providing the traffic transmission service, as well as the terms and conditions specified in the agreement with the cooperating telecommunications operator	
1.974.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 of July 2, 2007) Performing functions of interaction with external automated systems for information support of mutual settlements between telecommunications operators; Other research (testing); other methods	Equipment used to record the volume of telecommunications services provided;	26.30.11.140	8517	transmission of prepared information to external automated systems	provided/not provided
					receiving information from external automated systems used for billing and calculations	provided/not provided
					verification of the reliability and accuracy of information received from external automated systems, including: setting criteria according to which the information received	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of determination
1.974.	(tests) without clarification				considered erroneous; verification of the received information for compliance with the specified criteria; verification of the completeness of the received information; verification of the duplication of the received information; verification of the consistency of the received information	
					recording in electronic logs the fact of information transfer to external automated systems, indicating the date and time of transfer	ensured/not ensured
					recording in electronic logs the fact of receiving information from external automated systems, indicating the date and time of receipt	ensured/not ensured
					recording of the information received	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.974.					Formation of information required for transfer to external automated systems in accordance with established rules	Ensured/Not ensured
1.975	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 55. Methodology for verifying compliance with requirements for automated backup system calculations (order Russian Ministry of Communications 02.07.2007 No. 73), Functions and technical parameters of the ACS, intended for preliminary processing initial information about services rendered connection; Other investigations (tests); methods of other research (testing) without specifying	Equipment used for accounting for the volume of communication services;	26.30.11.140	8517	performance of functions ASR administration (ensuring integrity and availability of stored data, processed and transmitted information; data archiving requirements; backup and data recovery; restoration operability after elimination of causes, caused the emergency situation; informing personnel in the event of emergency situations)	provided/not provided
					performance of functions interaction with external automated systems (generation according to established rules, necessary for transmission	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.975					to external automated systems; transmission of prepared information to external automated systems; recording in electronic logs of the fact of transmission of information to external automated systems, indicating the date and time of transmission)	
1.976	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 55. Methodology for verifying compliance with requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Performance of functions for the collection and initial processing of source information on communication services provided; Other research (testing); methods of other research (testing) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	automatic and (or) automated collection of source (primary) information about communication services provided by another communication operator (for automated billing systems intended for use on communication networks that provide access to communication services provided by another communication operator)	provided/not provided for

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.976.					automatic and/or automated collection of source information on communication services provided	provided/not provided
					automatic and/or automated verification of the accuracy and correctness of the source information entered, including: setting criteria and/or conditions according to which source information on communication services provided is considered erroneous; verification of compliance with the specified criteria; verification of the absence of duplication of source information	provided/not provided
					accumulation of entered source information about the communication services provided	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.976					Periodicity settings of initial data collection	provided/not provided
					ensuring the ability to view, correct, and subsequently process the "rejection" array	Provided/Not provided
					combining (consolidating) various source information relating to a single communication service provided	provided/not provided
					conversion of source information to a specified format	provided/not provided
					recording in files or tables of the list of corrected records in the "rejection" array, the date and time of the corrections, and the identifier of the person who made them	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.976.					Synchronization by marks system time with an accuracy of +/- l s from the system time of the hardware means of the ACS used to determine the date and time of the start of communication services	provided/not provided
					sorting of source information	provided/not provided
					filtering of source information	provided/not provided
					formation of an information array with source information (a "rejection" array) that did not pass the input control, indicating (code) of the error	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.977	Program and methodology of confirmation tests of type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 55. Methodology for checking for the execution of requirements for automated system calculations (order of the Ministry of Communications and Mass Media of Russia dated 02.07.2007 No. 73), Frequency and duration of each function; Other research (testing); methods of other research (testing) without specification	Equipment used for accounting for the volume of services rendered communication services;	26.30.11.140	8517	frequency and duration performance of each function for which the frequency and time of execution	provided/not provided
1.978.	Program and methodology confirmation tests type conformity, Approved by the IC SPbGUT 10.01.2017. Appendix 55. Methodology for verifying compliance with requirements for automated settlement system settlement system (order of the Ministry of Communications and Mass Media of Russia dated 02.07.2007 No. 73), reserve and	Equipment used for accounting for the volume of services rendered communication services;	26.30.11.140	8517	Reservation facilities and restoration information	provided/not provided

recovery funds; Other				

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.978.	research (testing); methods of other research (testing) without specification					
1,979.	Program and methodology of confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 55. Verification methodology compliance with requirements for automated settlement system settlements (order of the Ministry of Communications and Mass Media of Russia dated 02.07.2007 No. 73), Confirmation of compliance requirements; Other research (testing); methods of other research (testing) without specification	Equipment used for accounting for the volume of services rendered communication services;	26.30.11.140	8517	Confirmation compliance with requirements, established regulatory legal acts, applicable to hardware	provided/not provided
1.980.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 55. Methodology for verifying fulfillment of requirements for automated system (order	Equipment used for accounting for the volume of services rendered communication services;	26.30.11.140	8517	system synchronization hardware ASR means, used for determining the date and the time of commencement of communication services, by marks of the unified settlement system with an accuracy of ±1 s	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.980	Ministry of Communications and Mass Media of Russia dated July 2, 2007, No. 73), System time synchronization; Other research (testing); Methods of other research (testing) without specification					
1.981.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Information and Communications of Russia No. 73 dated July 2, 2007), Backup and recovery tools; Other research (testing); methods of other research (testing) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	Means for backup copying and restoration of information	provided/not provided for
1,982	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 55. Verification methodology	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	use software ACR in accordance with the requirements of copyright protection legislation	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.982.	Compliance with requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007) Compliance with legal requirements; Other research (testing); Methods of other research (testing) without specification				computer programs and databases	
1.983.	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 55. Methodology for verifying compliance with requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Version support; Other research (testing); methods of other research (testing) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	Version support application modules software	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.984	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated 02.07.2007), No impact of data shortages; Other studies (tests); Methods of other studies (tests) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	No impact of specific data on the performance of those ACS functions in which this data is not used	Ensured/not ensured Lack
1.985	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 of July 2, 2007), Permissible measurement error; Other studies (tests); Other methods	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	Permissible error measurement connection duration (does not exceed ±1 s per hour of continuous measurement)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.985.	(tests) without clarification					
1.986	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Scope of information; Other studies (tests); methods of other studies (tests) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	the volume of transmitted or the received information (with accuracy to the byte)	provided/not provided of
1.987.	Program and methodology for type conformity testing, approved by the SPbGUT IC on 10.01.2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (order of the Ministry of Communications and Mass Media of Russia dated	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	keeping a log of actions personnel	provided/not provided by

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of determination
1.987.	02.07.2007 No. 73), ASR information security measures; Other research (testing); other research (testing) methods without specification				maintaining a list Hardware, software, and information resources of the ACS, access to which is controlled in accordance with information protection legislation and the requirements of the communications operator, indicating the level of authority and access rights to each resource	provided/not provided
					maintaining a list of persons who have access to staff resources and workplaces of the ACS, indicating their powers	provided/not provided
					assignment of an access matrix or powers of access entities in relation to protected ACS resources	provided/not provided
					Identification and authentication of personnel responsible for the operation and maintenance of the ACS	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.987					Verification of correctness provision of authorization and access rights	ensured/not ensured
1.988.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Registration of events in electronic ASR logs; Other studies (tests); Methods of other studies (tests) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	Issuance of printed (graphic) documents on a "hard" copy	provided/not provided
					access of software tools (programs, processes, tasks, assignments) to protected information resources	provided/not provided
					starting and completing the process of processing protected information	provided/not provided
					registration of personnel responsible for operation and maintenance in the application software software	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.989	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Informing personnel responsible for the technical maintenance of the automated settlement system in cases; Other studies (tests); methods of other studies (tests) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	detection Unauthorized modification, deletion, copying, or transfer of information stored in the ACS database	provided/not provided
					Detection of unauthorized use of ACS functions	provided/not provided
1.990.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Registration of commands transmitted by the ACS to	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	dates and times (with accurate to the second) of the command transmission to the communications equipment	provided/not provided
					identifier of the initiator of the command transmission to the communication equipment	ensured/not ensured

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.990.	means of communication, with information specified; Other research (testing); methods of other research (testing) without specifying				transmitted command with all parameters	provided/not provided
1.991.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Means of protection against the penetration of malicious code; Other research (testing); methods of other research (testing) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	Means of protection against the penetration of malicious software code (viruses)	Provided/not provided
1,992	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 55. Methodology for verifying compliance with requirements for	Equipment used to record the volume of communication services provided;	26.30.1 1,140	8517	Continuous and round-the-clock operation without the constant presence of maintenance personnel	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.992	automated calculation system (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Continuous and round-the-clock operation; Other research (testing); Methods of other research (testing) without specification					
1.993.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Information and Communications of Russia No. 73 dated 02.07.2007), Accuracy of calculations; Other studies (tests); Methods of other studies (tests) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	Accuracy of calculations 99.99%	ensured/not ensured at least

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.994	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated 02.07.2007), Mean time between failures; Other studies (tests); methods of other studies (tests) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	Average time between failures storage devices ASR is at least 10,000 hours	provided/not provided data
1,995	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007) Operability during the time required to perform the procedures; Other studies	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	Operability during the time required necessary to perform procedures ensuring the preservation of information and correct completion of work in the event of a power failure	ensured/not ensured over

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.995.	Research (testing) without specification					
1.996	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), ASR readiness coefficient; Other studies (tests); Methods of other studies (tests) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	Availability coefficient ACP performing billing and managing communication services in deferred mode (at least 98.40%)	provided/not provided by
1.997.	The program and methodology for type conformity testing were approved by the SPbGUT IC on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (order	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	total downtime for one calendar month (c) (not exceeding 12 hours)	from I to 86399

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.997	Ministry of Communications and Mass Media of Russia dated 02.07.2007 No. 73), Total downtime; Other research (testing); methods of other research (testing) without specification					
1.998	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Information and Communications of Russia No. 73 dated 02.07.2007), Aggregate availability coefficient of ACS modules; Other studies (tests); methods of other studies (tests) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	total coefficient the readiness of ACS modules performing real-time information support for managing access to the communications network and/or communications services (not less than 99.995%)	provided/not provided by
					aggregate availability coefficient of ACS modules performing real-time billing for access to the communications network and/or communications services (not less than 99.995%)	provided/not provided
1.999.	Type conformity testing program and methodology, approved by the SPbGUT IC on January 10, 2017. Appendix 55.	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	Average time to restore the operational state of the ACS (no more than 15 minutes)	from 0.01 to 35999.99 (s)

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.999.	Methodology for verifying compliance with requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Average time to restore the operational status of the automated settlement system; Other studies (tests); methods of other studies (tests) without specification					
1.1000.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Information and Communications of Russia No. 73 dated 02.07.2007), Possibility of reserving hardware and channels; Other studies (tests); Methods of other studies (tests) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	Possibility reservation of hardware resources	provided/not provided
					possibility of reserving communication channels with external systems, including sources of source information about communication services provided	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (Indicator)	Definition range
1.1001	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated 02.07.2007), Format of date representation; Other studies (tests); Methods of other studies (tests) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	Format for presenting dates, ensuring correct operation of date-dependent functions throughout its service life	provided/not provided
1.1002.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 55. Methodology for verifying compliance with requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Storage of information related to settlements; Other research (testing); Methods of other research (testing)	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	Accessibility for viewing and analysis during the limitation period of information related to settlements	provided/not provided
					retention of information related to calculations	ensured/not ensured

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.1002.	unspecified					
1.1003.	Program and methodology testing confirmation type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 55. Methodology for verifying compliance with requirements for automated billing system (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Formation of information by number of numbers; Other research (tests); methods of other research (testing) without clarification	Equipment used for accounting for the volume of services rendered communication services;	26.30.11.140	8517	information formation by number, allocated to subscribers in local telephone network Communication	provided/not provided
					Formation of information on the number of numbers allocated to subscribers in the mobile network	provided/not provided
1.1004.	Program and methodology confirmation tests type conformity, Approved by the IC SPbGUT 10.01.2017. Appendix 55. Methodology for verifying compliance with requirements for automated system	Equipment used for accounting for the volume of services rendered communication services;	26.30.11.140	8517	diagnostic tools operability	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1004.	calculations (order of the Ministry of Communications and Mass Media of Russia dated 02.07.2007 No. 73), Means ASR diagnostics; Other research (tests); methods of other research (testing) without clarification					
1.1005.	Program and methodology of confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 55. Methodology for verifying compliance with the requirements for the automated settlement system (order of the Ministry of Communications and Mass Media of Russia dated 02.07.2007 No. 73), Absence violations of integrity and correctness information; Other research (tests); methods of other research (testing) without specification	Equipment used for accounting for the volume of services rendered communication services;	26.30.11.140	8517	No violations by means of diagnostics correctness of information, stored in the ASR	ensured/not ensured
					absence of violations by means of diagnostics of the integrity of information stored in the ACS	ensured/not ensured
1.1006.	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 55.	Equipment used for accounting for the volume of communication services;	26.30.11.140	8517	output in Russian diagnostic messages allowing to localize the location, type, and the cause of	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1006	Methodology for verifying compliance with the requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Conclusion diagnostic messages in Russian; Other research (testing); methods of other research (testing) without specifying				of malfunctions	
1.1007.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for automated settlement systems (Order of the Ministry of Communications and Mass Media of Russia No. 73 dated July 2, 2007), Absence of influence of diagnostic tools; Other studies (tests); methods of other studies (tests) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	No influence of diagnostic tools on the time parameters of functions for collecting source information on the receipt and registration of payments	ensured/not ensured
					No impact of diagnostic tools on the time parameters of functions for collecting source information on billing and calculations	ensured/not ensured
					No impact of diagnostic tools on the time parameters of functions for collecting initial information about information management support	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1007.					access to communication networks and/or communication services	
					no impact of diagnostic tools diagnostics on temporary parameters of functions for collecting initial information about communication services provided	provided/not provided
1.1008.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 55. Methodology for verifying compliance with the requirements for an automated settlement system (Order of the Ministry of Communications and Mass Media of Russia No. 73 of July 2, 2007), Control example as part of the ACS; Other studies (tests); Methods of other studies (tests) without specification	Equipment used to record the volume of communication services provided;	26.30.11.140	8517	Control sample in the ACS, ensuring the possibility of verifying the accuracy of billing and calculating the cost of all types of communication services implemented in the ACS	provided/not provided in

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1009	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, No. 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Types of control and monitoring systems (CMS); Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of control and monitoring systems;	26.30.11.130	8517	Automated control and monitoring systems for switching systems and routing of information packets (SKMPI)	provided/not provided
					ASUM communication facilities performing the functions of channel switching systems (CSS)	provided/not provided
					ASUM digital transport systems (CTS): synchronous digital hierarchy (SDH) transmission systems; transmission systems via channels, analog transmission system (ATS) paths, and physical lines; plesiochronous digital hierarchy (PDH) transmission systems; transceivers for fiber-optic transmission lines; with asynchronous information transfer mode; clock network synchronization equipment for DTS	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1009.					UM systems Radio relay communication systems (RRSS): digital radio relay communication systems (DRRCS); analog radio relay communication systems (ARRCS)	provided/not provided
1.1010.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) for telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia dated May 15, 2007, No. 55, dated 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Automated control and monitoring functions of the CTS at two or one of the levels of the control and monitoring hierarchy; Other research (testing); methods of other research (testing)	Communication means performing the functions of control and monitoring systems;	26.30.11.130	8517	at the top level control and monitoring of TCS: coordinated control and monitoring of the TCS complex (SCI transmission TCS; TCS with asynchronous mode of information transfer (ATM); clock network synchronization equipment for TCS)	provided/not provided
					at the lower level of control and monitoring of the CTS: control of a separate digital transport system	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1010						
1.1011	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, No. 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Safety management functions group; Other research (testing); Other research (testing) methods without specification	Communication devices performing control and monitoring functions;	26.30.11.130	8517	emergency lockout messages to prohibit the processing of all emergency messages coming from a specific system	provided/not provided
					time of emergency message registration in the database or ACS service files from the moment the malfunction occurred	provided/not provided
					output of emergency message information (to printing devices, files, e-mail boxes, mobile radio communication network subscriber stations via short text messages)	provided/not provided

N No.	Documents establishing rules and methods for research **(testing) and measurements**	**Name of object**	**code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Range of determination**
1.1011					Issuing messages about attempts at unauthorized access	provided/not provided
					Fault monitoring function group	Provided/Not provided
					number of emergency messages processed in the automated control system	provided/not provided
					multi-level authorization of access to the ASUM with the following classes of authority (administrator with the authority to assign passwords, identifiers, and assign authority to ASUM users (user groups); user with the authority to perform operational and modification	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1011					Configurations of automated control systems	
					One or more types of correlation of emergency messages from systems (correlation: several types of emergency messages from one system, one type of emergency messages from several systems of the same type, several types of emergency messages from several systems of the same type)	provided/not provided
					display of alarm signals received from systems in the form of graphic icons, the color scheme of which corresponds to the priority of the alarm message	provided/not provided
					display of alarm messages with localization of their occurrence (system, rack, unit,	provided/not provided
					fee)	

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1011.					display of systems and communication channels between them (if any) in the form of graphic pictograms	provided/not provided
					provision of information about incoming emergency messages in text and/or graphic form	provided/not provided
					viewing the content of incoming emergency messages (emergency message priority, time and date of malfunction, system ID, location of malfunction, emergency message text)	provided/not provided
					classification of incoming emergency messages by priority (critical, urgent, non-urgent, warning, informational)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1011					Registration of information about user access, which contains the user ID and the main actions performed	provided/not provided
					collection of information about malfunctions	provided/not provided
					collection, registration, and recording of emergency messages on a hard drive with the ability to print and save emergency messages on an external medium, as well as searching for emergency messages using various search criteria (by observation period, system identifier, emergency message priority)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.1011.					Collection, storage, processing, by UM CRRS equipment of information about malfunctions of digital radio relay stations (signal loss: at the radio receiver input (by trunk), at the radio receiver output (by trunk), at the transmitter input (by trunk), at the transmitter output (transmitter power below the nominal value for a given operating mode); reception of an emergency status indication signal (ESIS) from any direction; ESIS indication; exceeding the threshold values of quality indicators; loss of synchronization (only for SSI transmission systems); fire and security alarm from external sensors)	display and deletion

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1011.					Coordination of information of own database and information on the actual state of controlled systems	provided/not provided
					creation, modification, deletion of all user passwords for organizing local and/or remote access to all managed systems	provided/not provided
					Support for new high-priority emergency messages with an audible signal	provided/not provided
					setting various types of alarm message thresholds (thresholds: time-based, based on the intensity of alarm messages received)	provided/not provided
					filtering of incoming emergency messages by all parameters included in the emergency message structure (priority, type of the emergency message,	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1011.					System identifier)	
					storage of emergency messages in electronic form	ensured/not ensured
1.1012.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia dated May 15, 2007, No. 55, dated 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated 19.06.2007 No. 68), Group of functions for troubleshooting; Other research (testing); Methods of other research (testing)	Communication devices performing the function of control and monitoring systems;	26.30.11.130	8517	UM CRRS; automatic transfer of control of the main control and monitoring station from the backup station after repair of the main station and subsequent restoration and synchronization of information and databases (configurations, emergency logs, and quality indicators)	provided/not provided
					UMCCRSS; automatic control and management by the backup station control and monitoring	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1012.					that part of the CRRS that becomes inaccessible to the main control and monitoring station when all data transmission channels between stations with CRSS control equipment fail	
					UM CRRSS; blocking of emergency messages to prohibit the processing of all CRRSS emergency messages	provided/not provided
					UM CRRS; switching to the backup trunk data transmission channel in case of failure of the built-in CRRS data transmission channel	provided/not provided
					UM CRRS; creation of a backup control and monitoring station with the ability to automatically transfer control of the backup station from the main control and monitoring station in case of its failure	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.1012					UM CRRSS; management priorities for switching to backup in CRRSS	provided/not provided
					UM CRRSS; setting reserve parameters: prohibition (permission) of automatic switchover to reserve barrel, return from reserve barrel CRRSS	provided/not provided
					automated removal of a faulty unit, board, or system communication channel and connection of a backup unit, board, or communication channel	provided/not provided
					Provision of test results in the form of electronic reports	provided/not provided
					Issuance of receipts for system malfunctions	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1012					start of the loading procedure of service information to the backup unit after switching	provided/not provided
					configuration, launch, and cancellation of the testing procedure for system blocks, boards, or communication channels	provided/not provided
					localization of a faulty system element	provided/not provided
					Notification of switching from a faulty block, board, or system communication channel to a backup	provided/not provided
					collection of information on test results	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1012.					storage of information about troubleshooting in electronic form	ensured/not ensured
					monitoring function malfunctions	provided/not provided
1.1013.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, No. 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Configuration information monitoring function group; Other research (testing); Other research (testing) methods	Communication devices performing control and monitoring functions;	26.30.11.130	8517	Time to download configuration data from the system to the automated control system	from 0.0 **l** to 35999.99 (s)
					monitoring of the version and status of software loaded into the systems (loading, updating, termination, restart)	provided/not provided
					collection and storage of information about system configuration and communication channels between them (if available)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1013.					Collection of identification information on systems (type, location, identifier)	provided/not provided
					information coordination configuration databases systems and information internal database of the automated control system	provided/not provided
1.1014.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, No. 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), SKK configuration management function group; Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of control and monitoring systems;	26.30.11.130	8517	loading into SCC Software supplied on external media	provided/not provided
					control of the process of loading software into the SKK and issuing messages in case of errors	provided/not provided
					initial setup and/or synchronization of SKK clock readings	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1014.					Creation, deletion, and Modification configuration parameters of controlled SKK	provided/not provided
					setting of SKK parameters (network addresses, synchronization sources, synchronization parameters and priorities, redundancy parameters, port status)	provided/not provided
					functionality for monitoring information about the configuration of SKK	provided/not provided
1.1015.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, dated	Communication devices performing the function of control and monitoring systems;	26.30.11.130	8517	assignment, modification and deletion of one or several SKMPI parameters (parameters that ensure identification: specific SKMPI (unique identifier, address), SKMPI type, SKMPI physical interfaces, protocols for interaction with adjacent SKMPI);	ensured/not ensured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Scope of definition
1.1015.	12.01.2009 No. 2, dated 19.06.2007 No. 67, dated 19.06.2007 No. 68), SKMPI system configuration management function group; Other research (testing); Methods of other research (testing) without specification				Parameters: Protocols interaction with related SKMPI (list of logical interface identifiers, type of information processing procedure, packet types and formats, values of constants and limit values of variables used by interaction protocols), status of logical interfaces, restrictions on unconfirmed information transfer, logical interface identifiers used to transfer packets with address information, quality of service and packet processing priorities in the SKMPI)	
					implementation of one or more of the following functions (loading software into the SKMPI; control the loading process	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.1015.					Software in SKMPI and issuing messages in case of errors)	
					creation, deletion, and modification configuration parameters of controlled SKMPI	is provided/not provided
					SKMPI configuration information monitoring functions	provided/not provided
					initial setup and/or synchronization of SKMPI clock readings functions	provided/not provided
					Functions for creating, modifying, and deleting primary and backup virtual connections (when implementing a mode with virtual connections) with specified parameters identifiers	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Definition range
1.1015.					End points, packet exchange modes, packet exchange modes, maximum throughput and quality of service	
					function of creating, modifying, and deleting access points to SKMPI	provided/not provided
					Functions for creating and modifying one or more access point parameters (identifiers, access mode parameters (transmission only, reception only, two-way exchange), bandwidth parameters, quality of service parameters)	provided/not provided
					information packet routing management functions (creation, modification, and deletion of routes)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1015					control functions packet routing information (creation, modification, and deletion of routes) for primary and backup virtual connections (when implementing the mode with virtual connection establishment mode)	provided/not provided by
					Establishment function redundancy parameters	provided/not provided for
1.1016.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, No. 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Management function group	Communication means performing the function of control and monitoring systems;	26.30.11.130	8517	capabilities when control of CTS with ATM (ability to set and change the following parameters: UNl/intraNNl/interNNI interface type, maximum number of simultaneously active virtual path/channel (VPC/VCC) connections, number of bits in VPI/VCI, transmission bandwidth; ability to set and change reservation parameters	provided/not provided for

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1016.	configuration of CTS systems; Other research (testing); methods of other research (testing) without specification				at the level of ATM signals)	
					differentiation of the composition and ranges of values of CTS configuration parameters in accordance with the type of these CTS (for CTS SCI; for CTS transmission via channels, ASP paths, and physical lines; for PCI CTS, including PCI channel-forming equipment, PCI temporary group formation equipment, PCI cross-connection equipment, terminal and intermediate points of the PCI line path; for receiving and transmitting devices for fiber-optic transmission lines; for CTS with asynchronous transfer mode (ATM); for equipment clock network synchronization equipment for CTS)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1016.					loading into CTS of software supplied on external media	provided/not provided
					control of the software loading process in the CTS and issuance of messages in case of errors	provided/not provided
					initial setup and/or synchronization of the CTS clock readings	provided/not provided
					when controlling the CTS SCS (selection of the synchronization source, setting of source quality parameters and setting of synchronization priorities; creation, deletion, modification of operational switches, creation of a synchronous transport module (STM) frame, configuration and modification of the payload load structure	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.1016.					of synchronous transport module, path identifier; setting and modifying multiplex section parameters and multiplex section protection parameters (MSP), subsystem connection protection parameters (SNCP), sectional ring protection parameters **(MSSP),** protection parameters in complex structures (linked rings, mesh structure)	
					creation (deletion) of cross-connections **in** CTS	provided/not provided
					creation, deletion, and modification of configuration parameters of controlled CTC	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1016					Setting of CTS parameters (network addresses, synchronization sources, synchronization parameters and priorities, redundancy parameters, port status)	Ensured/Not ensured
					Setting redundancy parameters (reversibility, two-way or one-way switching from the active path to the backup path)	provided/not provided
					setting loops (if technically possible in the CTS)	provided/not provided
					CTC configuration information monitoring functions	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1017	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, No. 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Group of functions for managing the configuration of RPC systems; Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of control and monitoring systems;	26.30.11.130	8517	source selection synchronization, setting source quality parameters and setting synchronization priorities (only for SCI transmission systems)	provided/not provided
					configuration of the CRSS channels	provided/not provided
					Synchronization of date and time in CRSS equipment with an accuracy of no worse than **l** s	FROM 0.01 TO 35999.99 (s)
					creation (modification) of the RPRS map	provided/not provided
					creation (deletion) of cross-connections in digital radio relay stations	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1017.					Creation, deletion, modification of operational switching of digital radio relay stations	provided/not provided
					control of the configuration of digital radio relay stations	provided/not provided
					setting parameters for multiplex sections of digital radio relay stations (only for SCII transmission systems), including: configuration of the first-level SCII synchronous transport module (STM-1) frame; configuration and modification of the STM-1 frame payload	provided/not provided
					setting the parameters for multiplex section redundancy in digital radio relay stations	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1017					Installation of loops according to trunks	
					~~monitoring function~~ information about configuration of digital radio relay communication systems	~~provided/not provided~~
1.1018.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, No. 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Group of functions for monitoring SKK operating parameters; Other studies (tests); Methods of other studies (tests)	Communication devices performing control and monitoring system functions;	26.30.11.130	8517	emergency based on SKK operating parameters if the received SKK operating parameter values exceed the set thresholds	provided/not provided
					Performing one or more operations with SKK operating parameters	provided/not provided
					calculation of total and/or average parameter values for a day, week, month	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1018.					monitoring of one or several types of traffic information (about load intensity: in connecting lines, in connecting line bundles, in connection directions, in the SKK; about busy and blocked lines; about the average duration of line occupancy; about overloads in the SKK; about successful calls; about lost calls; about errors in the call handling process)	provided/not provided
					monitoring of one or more indicators of increased telephone load (increased total load per subscriber line; increased total load per connecting line; maximum telephone load from small institutional automatic telephone stations per one subscriber line)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1018.					monitoring of one or Several indicators of call service performance and quality under increased telephone load (exceeding the number of call attempts per: subscriber line per hour of peak load compared to average telephone load, connecting line per hour of peak load compared to average load; call losses during: internal connections, transit connections, outgoing connections, incoming connections)	provided/not provided
					monitoring one or more indicators of performance and call service quality under average telephone load (number of call attempts per subscriber line, outgoing attempts	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1018.					calls from one subscriber line, call attempts per one connecting line; call losses for: internal connections, transit connections, outgoing connections, incoming connections, outgoing long-distance connections, incoming long-distance connections)	
					monitoring of one or more performance indicators, call service quality, and overload losses (overload losses per: subscriber line, trunk line; decrease in the percentage of call attempts processed compared to the average telephone load)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1018.					monitoring of one or Several indicators of average total (outgoing and incoming) telephone load (from local payphones, from long-distance payphones, from call centers, per subscriber line, per subscriber line, per connecting line, outgoing load per connecting line, incoming load per connecting line)	provided/not provided
					monitoring of one or more telephone load indicators during periods of overload (telephone load indicators during periods of overload per: subscriber line, connecting line)	provided/not provided
					monitoring of SKK operating parameters for one or more main types of connections (outgoing,	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1018.					Intra-station, incoming, transit)	
					Monitoring of SKK operating parameters for one or more of the following monitoring objects (connecting lines, connecting line bundles, communication directions, control devices)	provided/not provided
					determination of the minimum and/or maximum values of the parameter and/or combination of values of the SKK operating parameters	provided/not provided
					construction of dependencies of SKK operating parameter values for a given period of time in graphical and/or tabular form	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.1018						provided/not provided
					Viewing and registration emergency messages on SKK operating parameters	
					viewing electronic reports containing SKK operating parameter values	provided/not provided
					collection, storage, processing, display, and deletion of values for one or more parameters (indicators: average total (outgoing and incoming) telephone load, performance and quality of call service at average telephone load, increased telephone load, performance and quality of call service at increased telephone load, telephone load during overload periods, performance,	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1018.					Quality of service calls and losses during overload; maximum load on the control complex; number of call attempts per hour during peak load; probability of call losses per hour during peak load; information about traffic and communication services provided)	
					creation of electronic reports on SKK operating parameters, with the ability to print and save information, including: name of operating parameters, SKK identifier, time and date of parameter value collection, operating parameter values	provided/not provided
					deletion of the results of processing the SKK operating parameter values	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1018.					Formation, activation, viewing, editing, deactivation, and deletion of tasks for collecting SKK operating parameter values	provided/not provided
					creation, viewing, editing, activation, deactivation, and deletion of tasks for monitoring SKK operating parameter values based on threshold values	provided/not provided
					storage of the results obtained from processing the values of the SKK operating parameters, their transfer (upon request) to other telecommunications network control and monitoring systems, as well as to automated calculation systems	provided/not provided
1.1019.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for	Communication devices performing the function of control and monitoring systems;	26.30.11.130	8517	issuance of emergency messages based on of the SKMPI operation if the received values of the SKMPI operating parameters exceed the set thresholds	ensured/not ensured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1019.	automated control and monitoring systems (ACMS) for telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 of May 15, 2007, No. 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Group of functions for monitoring the operating parameters of SKMPI; Other research (testing); methods of other research (testing) without specification				Performing one or more operations with SKMPI operating parameters (determining the minimum and/or maximum value of an operating parameter and/or a combination of SKMPI operating parameter values; calculating the total and/or average value of operating parameters for a day, week, or month; construction of dependencies of SKMPI operating parameters for a given period of time in graphical and/or tabular form; preparation of the obtained SKMPI operating parameters for subsequent transfer to other automated control systems and/or automated settlement systems (ASR)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1019.					fulfillment of one or several functions (collection and storage of information about SKMPI operating parameters; display of information about SKMPI operating parameters; deletion of information about SKMPI operating parameters; collection of information about SKMPI traffic)	provided/not provided
					viewing reports in electronic form containing the values of SKMPI operating parameters	provided/not provided
					viewing, registering, and forwarding the text of emergency messages on the operating parameters SKMPI to one or several types of recipients: to printing devices, to files, to e-mail boxes, to subscriber stations via short text messages	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1019.					collection, processing, and storage of SKMPI operating parameters for one or more parameter collection objects (SKMPI; transmission direction; monitoring points; packet types provided for by the interaction protocol; SKMPI physical interfaces; SKMPI logical interfaces; virtual connections; one or more basic types of communication: originating from SKMPI, entering SKMPI, transiting through SKMPI when implementing traffic pass rules or exchanging service information)	provided/not provided
					creation of electronic reports on SKMPI operating parameters SKMPI with the ability to printing and saving information, including: name of operating parameters, SKMPI identifier,	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1019.					time and date of collection Parameter values, operating parameter values	
					Deletion of the results obtained from processing the operating parameter values of the SKMPI	provided/not provided
					creation, viewing, editing, activation (deactivation), and deletion of tasks for monitoring SKMPI operating parameter values based on threshold values	provided/not provided
					creation, viewing, editing, activation (deactivation), and deletion of tasks for collecting values of SKMPI operating parameters	provided/not provided
1.1020.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for	Communication devices performing the function of control and monitoring systems;	26.30.11.130	8517	data on the time establishing virtual connections (when implementing the mode with virtual connection establishment mode)	provided/not provided for

N No.	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1020.	automated control and monitoring systems (ACMS) for telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 of May 15, 2007, No. 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Performing functions to monitor one or more parameters of the operation of the SKMPI; Other studies (tests); methods of other studies (tests) without specification				Data on failures in establishing virtual connections (when implementing the mode with establishing virtual connections)	provided/not provided
					Data on errors in the process of establishing virtual connections for all measurement objects and types of communication (when implementing the mode with the establishment of virtual connections)	provided/not provided
					data on successfully established virtual connections (when implementing the mode with establishing virtual connections)	provided/not provided
					number of packets of different sizes	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1020					Number of packages of different types	provided/not provided
					number of packets received whose format does not correspond the implemented protocol for interaction with adjacent SKMPI	provided/not provided
					packet delay parameters when passing through SKMPI	provided/not provided
					port occupancy and blocking parameters	provided/not provided
					parameters of intensity and quality of service information packet transmission	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1020.					indicators of intensity and of packet transmission quality, ensuring the establishment of a virtual connection for specified time intervals	provided/not provided
					indicators of packet intensity ensuring the disconnection of a virtual connection with different reason codes for specified time intervals	provided/not provided
					indicators of packet intensity ensuring the establishment of virtual connections in the initial state with different reason codes for specified time intervals	provided/not provided
					Packet loss indicators for specified time intervals	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.1020.					Package sizes	provided/not provided
					Average total number of packets (outgoing, incoming, and transit) per port for specified time intervals	Provided/Not provided
					Connection destruction threshold timer	provided/not provided
					Number of changes in the status of the protocol for interaction with adjacent SKMPI	provided/not provided
1.1021.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated	Communication devices performing the function of control and monitoring systems;	26.30.11.130	8517	activation, deactivation monitoring of of operating parameters on one or more of the listed objects of the SSC transmission systems when performing parameter monitoring functions	ensured/not ensured

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	Code	EAEU Foreign Economic Activity Code	Defined characteristic (indicator)	Determination range
1.1021	for control and monitoring systems (ACMS) of telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 of May 15, 2007, No. 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Group of functions for monitoring the operating parameters of the central traffic control system; Other studies (tests); Methods of other studies (tests) without specification				of the CSP SCI (in the CTS as multiplex sections; in upper and lower rank SSC (US) paths)	
					activation, deactivation of monitoring of operating parameter values at one or more of the listed levels of technical operation of the ATM CTS when performing the functions of monitoring the operating parameters of the CTS with ATM (at the level of the regenerator section F 1 (physical); at the level of the digital section F2 (physical); at the level of the information transmission path F3 (physical); at the level of virtual paths F4 (ATM); at the level of virtual channels F5 (ATM)	provided/not provided
					Issuance of emergency messages on the operating parameters of the CTS, if obtained values of the CTS operating parameters	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1021.					cross the set Thresholds	
					Performance of functions to monitor one or more of the following parameters of the CTS SCI operation (number of seconds with errors (ES) for specified time intervals; number of seconds affected (SES) for specified time intervals; signal power at the output of the laser source; signal level at the receiver input)	provided/not provided
					Performing functions to monitor one or more parameters of the CTS PCI operation (number of seconds with errors (ES) for specified time intervals; number of seconds affected (SES) for specified time intervals)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1021.					Performance of functions related to monitoring of one or several parameters of the CTS operation with ATM (CDV: cell delay variations for specified time intervals; CER: ratio of the number of cells with errors to the total number of cells transmitted for specified time intervals; CLR: ratio of the number of lost cells to the total number of cells transmitted for specified time intervals; CTD: cell transmission delays for specified time intervals; SECBR: error rate per block of cells affected by errors for specified time intervals; ATM traffic load when inputting (outputting) all cells and only service cells (OA&M) for specified time intervals)	ensured/not ensured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1021.					Performing functions to Monitoring of one or more operating parameters of transceivers for fiber-- optical transmission lines (signal power at the output of the laser source; signal level at the receiver input; number of seconds with errors (ES) for specified time intervals; number of affected seconds (SES) for specified time intervals; number of signals indicating exceedance error coefficient)	provided/not provided
					performance of functions for monitoring the parameters of input signals of clock network synchronization equipment	provided/not provided
					performance of functions for monitoring the operating parameters of the CTS transmission via channels, ASP paths, and physical lines (number of seconds with errors (ES) for specified time intervals	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Scope of determination
1.1021.					seconds (SES) for specified Time intervals; number of signals exceeding the error coefficient)	
					Differentiation of the composition and ranges of values of CTS operating parameters in accordance with the type of these CTS (for CTS SCI; for CTS transmission via channels, ASP paths and physical lines; for PCS CTS, including PCS channel-forming equipment, PCS temporary group formation equipment, PCS cross-connection equipment, terminal and intermediate points of the PCS line path; for receiving and transmitting devices for fiber-optic transmission lines; for CTS with ATM; for clock network synchronization equipment)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1021.					view reports in electronic form containing the values of the CTS operating parameters	provided/not provided
					viewing, registering, and forwarding the text of emergency messages on the operating parameters of the CTS to one or more of the following types of recipients (to printing devices, files, e-mail boxes, terminal subscriber telephone equipment)	provided/not provided
					collection of data on operating parameter values on one or more of the following interfaces: 2048 kbit/s, 8448 kbit/s, 34368 kbit/s, 139264 kbit/s when performing monitoring functions for the operating parameters of the PCI CPU	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.1021					collection, storage, processing and deletion of information on the values of the TCS operating parameters	provided/not provided
					creation of electronic reports on the operating parameters of the CTS with the ability to print and save information, including: (name of operating parameters, CTS identifier, time and date of parameter value collection, operating parameter values)	provided/not provided
					deletion of the results of processing the CTS operating parameter values	provided/not provided
					creation, activation, viewing, editing, deactivation, and deletion of tasks for collecting CTS operating parameter values	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1021					creation, viewing, editing, activation, deactivation, and deletion of tasks for monitoring the values of CTS operating parameters based on threshold values	provided/not provided
1.1022.	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 56. Methodology for checking compliance with the requirements for automated management systems and monitoring (ASUM) telecommunications networks telecommunications networks (order Ministry of Communications and Mass Media of Russia dated 15.05.2007 No. 55, dated 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated 19.06.2007 No. 68), Function group monitoring of transmission quality parameters of transmission quality CRRSS; Other research (tests); methods of other research (testing) without specification	Communication tools, performing the function control systems and monitoring;	26.30.11.130	8517	automatic accumulation and storage of results measurement indicators quality of the CRRSS and characteristics of CRSS equipment in electronic journal registration of indicators quality	provided/not provided
					automatic periodic measurement for periods of 15 minutes and 24 hours according to the time stamps of the internal clock characteristics CRRS equipment (signal power at the output of radio relay station transmitters, measurement accuracy no worse than ± **1** dB; signal level at the input of receivers radio relay stations	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1022.					(main and remote receiving techniques), measurement accuracy no worse than ±3 dB; voltage of power sources (primary and secondary) of radio relay stations, measurement accuracy no worse than ±10% ( )	
					automatic periodic measurement of CRSS quality indicators for periods of 15 minutes and 24 hours according to the time stamps of the internal clock (including: seconds of unavailability (UAS); seconds affected by errors (ES); seconds severely affected by errors (SES); number of blocks with background errors (BBE); bit error rate (BER))	provided/not provided
					keeping and viewing an electronic log of CRSS quality indicators and CRSS equipment characteristics with the ability to print and save	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1022.					Information on the media	
					Issuance of emergency messages based on the results of measurements of the quality indicators of the CRSS and the characteristics of the CRSS equipment, if the measurement results exceed the established thresholds	provided/not provided
					setting of permissible limits for changes in CRSS quality indicators	provided/not provided
					setting permissible limits for changes in the characteristics of digital radio relay system equipment	provided/not provided
					Communication	

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1023.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia dated May 15, 2007, No. 55, dated 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Group of functions for controlling the operating parameters of the SKK; Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of control and monitoring systems;	26.30.11.130	8517	possibility of creation, change and delete rules and/or algorithms for converting information formats when performing information format conversion functions	provided/not provided
					performance of one or more functions for converting the formats of the information received about the communication services provided, the duration of calls, or channel occupancy; setting and changing the SKK traffic control mode (automatic, manual)	provided/not provided
					Information processing when manual traffic control mode is set SCC (traffic intensity for manual control; traffic control information for direct and/or alternative routing; notifications for calls terminated as a result of manual control) as a result of manual	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1023.					control; list of bundles of connecting lines for alternative routing; method of route selection in a bundle of connecting lines; traffic intensity for rerouting; information on traffic rerouting for direct and/or alternative routing; type or category of traffic for rerouting)	
					support for actions when setting manual and/or automatic modes of SKK traffic control (cancellation of direct routing; cancellation of alternative routing; recording of special notifications; blocking of direction codes; temporary alternative routing; assignment of lines to directions in two-way bundles; selective redundancy	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1023.					lines; call filtering; Forced exclusion of lines from service)	
					Creation of electronic reports based on the results of managing SKK operating parameters, with the ability to print and save information	Provided/Not provided
					Functions for monitoring SKK operating parameters	provided/not provided
1.1024.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) for telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, dated	Communication means performing the function of control and monitoring systems;	26.30.11.130	8517	possibility of manual and (or) automated traffic control for skmpi	provided/not provided
					performing one or more actions when setting manual and (or) automated traffic control modes (cancellation main route;	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1024.	12.01.2009 No. 2, dated 19.06.2007 No. 67, dated 19.06.2007 No. 68), Group of functions for controlling the operating parameters of the SKMPI; Other studies (tests); methods of other studies (tests) without specification				Cancellation of alternative route; port blocking; setting up a temporary alternative route; forced exclusion of ports from service)	
					performance of functions to manage one or more parameters of SKMPI operation (throughput and management of information flow passing through SKMPI; packet delays when passing through SKMPI; packet drops when SKMPI queues are full or maximum delay values are reached)	provided/not provided
					processing of information to ensure manual traffic management (traffic intensity; traffic management for primary and/or alternative routes; list of ports for alternative routes;	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1024.					route selection method; Traffic intensity values at which route switching occurs; changes in routes for direct and/or alternative routing)	
					creation of electronic reports based on the results of managing operating parameters with the ability to printing and saving information	provided/not provided
					SKMPI operating parameter monitoring functions	provided/not provided
1.1025.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and communication systems	Communication devices performing the functions of control and monitoring systems;	26.30.11.130	8517	performance of functions for control of one or several of the following parameters of the CTS SCI (laser source output signal power; receiver input signal level)	provided/not provided for

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU Foreign Economic Activity Code	Defined characteristic (indicator)	Determination range
1.1025.	monitoring (ASUM) of telecommunications networks (Order of the Ministry of Information and Communications of Russia No. 55 of 15.05.2007, of 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated 19.06.2007 No. 68), Group of functions for managing the operating parameters of the CTS; Other research (testing); methods of other research (testing) without specification				performance of functions control of one or more of the following operating parameters of transceivers for fiber optic transmission lines (output power of the laser source; input signal level of the receiver)	provided/not provided
					performing functions to control the input signal parameters of clock network synchronization equipment	provided/not provided
					differentiation of the composition and ranges of values of controlled parameters of TCS operation in accordance with the type of these TCS (for TCS SCI; for TCS transmission via channels, ASP paths and physical lines; for TCS PCI, including PCI channel-forming equipment, PCI temporary group formation equipment, PCI cross-connection equipment ’	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1025.					Terminal and Intermediate points of the PTS linear route; for receiving and transmitting devices for fiber optic transmission lines; for PTS with ATM; for clock network synchronization equipment)	
					creation of electronic reports on the results of CTS operating parameter management, with the ability to print and save information	provided/not provided
					CTC operating parameter monitoring functions	provided/not provided
1.1026.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 56. Methodology for verifying compliance with requirements for automated control systems and	Communication devices performing the functions of control and monitoring systems;	26.30.11.130	8517	activation, deactivation measurement of of the CRSS, periodic collection of data on quality indicators and characteristics of CRSS equipment	ensured/not ensured

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.1026.	Monitoring (ASUM) of telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, No. 12 January 2009 No. 2, dated 19 June 2007 No. 67, dated June 19, 2007 No. 68), Group of functions for managing the quality of transmission of the Central Radio Station; Other research (testing); methods of other research (testing) without specification				creation of electronic reports on indicators quality and equipment characteristics with the ability to print information and save it to an external medium (including: name and number of measurement, CRRSS equipment identifiers, time and date of start and end of measurement period, measurement results) monitoring functions of transmission of the Central Radio and Television Broadcasting System	provided/not provided ensured/not ensured quality
1.1027.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (order	Communication means performing the function of control and monitoring systems;	26.30.11.130	8517	blocking of messages about malfunctions of a set of CTS for prohibiting the processing of messages with specified parameters	ensured/not ensured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU Foreign Economic Activity Code	Defined characteristic (indicator)	Detection range
1.1027.	Ministry of Communications and Mass Media of Russia dated May 15, 2007 No. 55, dated 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Group of functions for monitoring malfunctions of the CTS system; Other studies (tests); Methods of other studies (tests) without specification				Time of registration of an emergency message in the database or service files of the ASUM CTS from the moment the malfunction occurred	from 0.01 to 35999.99 (s)
					output of emergency message information from the CTS aggregate (to printing devices, files, e-mail boxes, mobile radio communication network subscriber stations via short text messages)	provided/not provided
					recording of emergency messages, storage of recorded data on malfunction reports	provided/not provided
					number of emergency messages processed in the automated control system CTS	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1027.					Correlation of reports on Failures of the aggregate of rolling stock (several types of messages from one CTS; one type of message from several CTSs; several types of messages from several CTSs of the same type; messages about malfunctions of a CTS cluster, taking into account information about its topology)	provided/not provided
					The CTS ACS equipment collects information about malfunctions of the following CTS sets (sets: CTS SCI, CTS with ATM, CTS clock network synchronization equipment)	provided/not provided
					display of information about malfunctions of the CTS complex on the diagram (map) of this complex in the form of graphic icons, color scheme which correspond to	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1027.					Emergency priority message	
					Display of information about emergency messages received from the CTS in text and/or graphic form	Provided/Not provided
					Display of messages about malfunctions of the CTS aggregate with localization of their occurrence (path, channel, digital transport system, rack, block, board)	provided/not provided
					search for emergency messages using various search criteria (by observation period, by object identifier from the CTS set, by emergency message priority)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Object name	code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.1027.					content viewing Reports on malfunctions of the CTS complex (message priority, time and date of malfunction, location of malfunction, message text)	provided/not provided
					Classification of reports on malfunctions of the CTS system by priority (critical, urgent, non-urgent, warning, informational)	provided/not provided
					reconciliation of information from the company's own database and information about the actual status of the managed set of transport and communication systems	provided/not provided
					Support for new high-priority emergency messages with an audible signal	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1027.					Electronic message management of registration of reports on malfunctions of the aggregate of transport and communication systems with the ability to print and save relevant information on an external medium	provided/not provided
					setting various types of thresholds for messages about malfunctions of the CTS system (by time; based on the intensity of messages received from the CTS system)	provided/not provided
					filtering of messages about malfunctions of the CTS system by all parameters included in the message structure (source identifier, priority, message type)	provided/not provided
					storage of emergency messages in electronic form, the number of which meets the requirements	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1028	Program and methodology confirmation tests type conformity, approved by the SPbGUT 10.01.2017. Appendix 56. Methodology for verifying compliance with requirements for automated management and monitoring (ASUM) systems for telecommunications networks (order of the Ministry of Communications of Russia dated 15.05.2007 No. 55, dated 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated 19.06.2007 No. 68), Group of control functions troubleshooting of the CTS complex; Other research (testing); methods of other research (testing) without specification	Communication equipment, performing the function control systems and monitoring;	26.30.11.130	8517	automatic shutdown of the faulty path or communication channel and connection backup communication channel	provided/not provided
					Issuing information on test results in the form of electronic reports	ensured/not ensured
					issuance of receipts for malfunctions of the aggregate of CTS	provided/not provided
					notification of automatic switching from a faulty track or communication channel to the backup	provided/not provided
					collection of information on test results for the set of CTS	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.1028.					preservation of information about Troubleshooting of a set of rolling stock in electronic form	ensured/not ensured
					Monitoring function of malfunctions of the aggregate of transport and communication systems	provided/not provided
					management functions for troubleshooting the following CTS systems (systems: CTS SCI, CTS with ATM, clock network equipment synchronization of the Central Traffic Control System)	provided/not provided
1.1029.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (order of the Ministry of Communications and Mass Media of Russia dated	Communication means performing the function of control and monitoring systems;	26.30.11.130	8517	collection and storage information about the configuration of the aggregate of CTS	provided/not provided
					collection of identification information about the CTS included in the CTS aggregate (type, location, identifier)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.1029.	15.05.2007 No. 55, dated 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated 19.06.2007 No. 68), Group of functions for monitoring information on the configuration of the aggregate of transport and communication systems; Other research (testing); methods of other research (testing) without specification				information coordination of the internal database of the ASUM CTS with the actual state of the aggregate of the CTS	provided/not provided
					function of monitoring information about the configuration of the CTS	provided/not provided
					function for monitoring information about the configuration of the following aggregates of the CTS (aggregates: CTS SCI, CTS with ATM, clock network equipment synchronization of the CTS)	provided/not provided
1.1030.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) for telecommunications networks (order of the Ministry of Communications and Mass Media of Russia dated	Communication means performing the function of control and monitoring systems;	26.30.11.130	8517	automatic creation virtual container routes based on specified criteria (minimum distance, route passing through specific points, route passing along lines with minimum load)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.1030.	15.05.2007 No. 55, dated 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated 19.06.2007 No. 68), Group of functions for managing the configuration of the CTS complex; Other research (testing); Methods of other research (testing) without specification				Introduction (control) Identifiers of the virtual container route	provided/not provided
					Possibility of assembling and disassembling virtual container coupling paths for transmitting packet technology signals, provided that the relevant technical capability is available in the equipment of the CSP SCI	Provided/Not provided
					Ability to create a synchronization path	provided/not provided
					differentiation of composition and ranges of values configuration parameters of the CTS set in accordance with the CTS type (for the set: TCS SCI, TCS with ATM, clock network synchronization equipment of the CTS)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1030.					assembly, disassembly of virtual container from end to end of the SSC (SDN) network structure	provided/not provided
					Creation (modification) of a route for backup paths (channels)	Provided/Not provided
					creation and modification of a scheme (map) of a controlled set of CTS	provided/not provided
					creation, deletion of virtual container paths at the operator's initiative and according to schedule	provided/not provided
					configuration information monitoring functions of the CTS set	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.1030.					Control functions the configuration of the following sets of TCS (sets: TCS SCSI, TCS with ATM, TCS clock network synchronization equipment)	Provided/not provided by
1.1031.	Type conformity testing program and methodology, approved by the SPbGUT IC on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, No. 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated 19.06.2007 No. 68), When implementing configuration management functions for a set of TCS with ATM for managing the configuration of VP/VC connections is provided; Other research (testing); methods of other research (testing)	Communication facilities performing the function of control and monitoring systems;	26.30.11.130	8517	Modification of description traffic termination points	provided/not provided
					modification of VP/VC parameters	provided/not provided
					modification of VP/VC path parameters	provided/not provided
					creation/deletion of VP/VC connection endpoints	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1031					creation/deletion of points VP/VC path endpoints	provided/not provided
					setting the administrative status of the connection to "unlocked/locked"	provided/not provided
					setting the allowable cell delay variation (CDV) at maximum/stable traffic cell rate for CLP = O/O+ **1**	provided/not provided
					setting the permissible traffic load for CLP = O/O+ **1**	provided/not provided
					VPNC connection setup and disconnection	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1031					Quality class setting Quality of Service (QOS)	provided/not provided
					Setting maximum/sustainable PCR/SCR traffic *cell* rate for CLP = O / O + **1**	ensured/not ensured
1.1032.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) for telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, No. 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Group of functions for monitoring and controlling the operating parameters of the CTS complex; Other research (testing); methods of other	Communication means performing the function of control and monitoring systems;	26.30.11.130	8517	information output emergency messages on the operating parameters of the TCS complex (to printing devices, files, e-mail boxes, mobile radio telephone network subscriber stations via short text messages)	provided/not provided
					Issuing emergency messages on the operating parameters of the CTS complex if the received values of the operating parameters of this complex exceed established thresholds	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurement	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1032	(tests) without specification				performance of one or several functions for monitoring and controlling the operating parameters of the CTS complex (collection and storage of information on the operating parameters of the CTS complex; processing of information on the values of the operating parameters of the CTS complex)	provided/not provided
					Performing functions to monitor the operating parameters of the CTS system in relation to the sections, routes, and channels selected for monitoring and control of the CTS complex	provided/not provided
					differentiation of the composition and ranges of values of the operating parameters of the CTS aggregate in in accordance with the type of CTS (for the aggregate: CTS SSI, CTS with ATM, CTS clock network synchronization equipment)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1032.					viewing reports in electronic form, containing values the operating parameters of the aggregate of transport and communication systems	provided/not provided
					creation of reports in electronic form on the operating parameters of the aggregate of transport and communication systems the ability to print and save information (including the name and number of the report, the name of the operating parameters, the identifier of the set of technical means, the start and end time and date of the monitoring period, and the monitoring results)	provided/not provided
					deletion of data based on the results of monitoring the operating parameters of the set of CTS	provided/not provided
					creation, activation, viewing, editing, deactivation, and deletion of tasks for	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1032.					TSC sets	
					creation, viewing, editing, activation, deactivation, and deletion of tasks for monitoring the values of the operating parameters of the set of CTS by threshold values	provided/not provided
					functions for monitoring and controlling the operating parameters of the components of this set of CTS	provided/not provided
					Functions for monitoring and controlling the operating parameters of the following CTS sets (sets: CTS SCI, CTS with ATM, clock network equipment)	provided/not provided
					synchronization of	

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.1033	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ASMS) for telecommunications networks (order of the Ministry of Communications of Russia dated 15.05.2007 No. 55, dated 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated 19.06.2007 No. 68), Set of functions ASUM; Other research (tests); methods of other research (testing) without specification	Communication equipment, performing the function control systems and monitoring;	26.30.11.130	8517	minimum set of the functions of the automated control system	provided/not provided
1.1034.	Program and methodology confirmation tests type conformity, Approved by the IC SPbGUT 10.01.2017. Appendix 56. Methodology for checking compliance with requirements automated control systems and monitoring (ACMS) networks telecommunications (order	Communication tools, performing the function control systems and monitoring;	26.30.11.130	8517	ASUM during the implementation of monitoring functions malfunctions of the CRRSS indication of time occurrence malfunctions with accuracy to I s; time delay from the moment occurrence malfunction until its indication (no more than 3 s);	FROM 0.0[TO 35999.99 (s)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1034.	Ministry of Communications and Mass Media of Russia dated May 15, 2007 No. 55, dated 12 January 2009 No. 2, dated 19 June 2007 No. 67, dated June 19, 2007 No. 68), Parameters of the functioning of automated control and monitoring equipment when performing automated control and monitoring functions; Other research (testing); methods of other research (testing) without specification				Storage time of measurement measurements (at least 30 days)	ms (d)
					Time required to download configuration data from the system to the automated control system when performing configuration information monitoring functions (no more than 30 minutes)	from 0.01 to 35999.99 (s)
					Time for receiving a command and issuing a response confirmation by the system about the start of command execution, excluding the time for command transmission in data transmission networks (no more than 100 s)	from 0.01 to 35999.99 (s)
					time of recording an emergency message in the database or service files from the moment the malfunction occurs, excluding the delay time in the data transmission network (no more than 10 s)	from 0.01 to 35999.99 (s)

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1034.					processing of emergency in quantities of less than Less than 5 messages per per second	5 to 100,000 (units)
					storage of at least 1000 emergency messages in electronic form	provided/not provided
1.1035.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) for telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, No. 2 dated January 12, 2009, dated June 19, 2007). 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Reliability; Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of control and monitoring systems;	26.30.11.130	8517	Equipment reliability	ensured/not ensured ACS

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1036	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) for telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia dated May 15, 2007, No. 55, dated 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Device connectivity; Other research (testing); Other research (testing) methods without specification	Communication devices performing the function of control and monitoring systems;	26.30.11.130	8517	Connectivity (output) devices information	provided/not provided input
1.1037.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (order	Communication devices that perform control and monitoring functions;	26.30.11.130	8517	issuing emergency messages, as well as recording and viewing of these messages in electronic form	ensured/not ensured

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1037	Ministry of Communications and Mass Media of Russia dated 15.05.2007 No. 55, dated 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated 19.06.2007 No. 68), Means of diagnosing proprietary hardware and software that perform one or more functions when a failure or malfunction is detected in the automated control system; Other research (testing); methods of other research (testing) without specification				prevention impact of faulty ASUM on the functioning of controlled systems	provided/not provided
1.1038.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 of 15.05.2007, No. 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Restoration	Communication facilities performing the function of control and monitoring systems;	26.30.11.130	8517	Restoration operability after elimination of internal failures and malfunctions	ensured/not ensured

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1038.	Operability; Other studies (tests); Methods of other studies (tests) without specification					
1.1039	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 56. Verification methodology compliance with requirements for automated control and monitoring systems (ACMS) for telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Possibility of backup copying; Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of control and monitoring systems;	26.30.11.130	8517	Possibility restoring of information from a backup copy Possibility of backing up information to backup (external) media	provided/not provided for provided/not provided
1.1040.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 56.	Communication devices performing the function of control and monitoring systems;	26.30.11.130	8517	with SKMPI for ASUM skmpi	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1040.	Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) for telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, No. 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Interoperability; Other research (testing); methods of other research (testing) without specifying				with the CTS for the CTS ACS	provided/not provided
					with other telecommunications network management systems via primary or backup data transmission channels	provided/not provided
					with channel switching systems for ACSM SKK	provided/not provided
1.1041.	Program and methodology for type conformity testing, approved by the IC SPbGUT I O.O1.2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) for telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, No. 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68),	Communication devices performing the function of control and monitoring systems ;	26.30.11.130	8517	Reflection and storage in electronic form in the database and/or in the service files of the automated control and monitoring system of reliable information about the systems	ensured/not ensured

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Scope of definition
1.1041.	storage of information about systems; other research (testing); methods of other research (testing) without specification					
1.1042.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, No. 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Database management system; Other research (testing); methods of other research (testing) without specification	Communication devices performing the function of control and monitoring systems;	26.30.11.130	8517	performance of tasks making changes to the database	ensured/not ensured
					tasks related to recording information	provided/not provided
					performing tasks related to deleting information	provided/not provided
					completion of tasks involving reading information	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1043	Program and methodology confirmation tests type conformity, approved by the IC SPbGUT 10.01.2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ASMS) for telecommunications networks (order of the Ministry of Communications of Russia dated 15.05.2007 No. 55, dated 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated 19.06.2007 No. 68), Reference information and (or) documentation on ASUM SKK; Other research (tests); methods of other research (testing) without specification	Communication equipment, performing the function control systems and monitoring;	26.30.11.130	8517	reference information and (or) documentation for ASUM SKK in electronic type	provided/not provided
1.1044.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IT Center 1O.O1.2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring (ASUM) systems	Communication equipment, performing the function control systems and monitoring;	26.30.11.130	8517	recording of information on commands and results of their performance in electronic type	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1044.	electronic communications (Order of the Ministry of Communications and Mass Media of Russia No. 55 dated May 15, 2007, No. 12 January 2009 No. 2, dated 19 June 2007 No. 67, dated June 19, 2007 No. 68), Information on commands; Other research (testing); Methods of other research (testing) without specification				deletion of information on teams and the results of their in electronic form	provided/not provided to
					storage of information on teams and the results of their in electronic form	provided/not provided to
1.1045.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia dated May 15, 2007, No. 55, dated 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated 19.06.2007 No. 68), No impact on the functioning of the automated control system; Other studies (tests); Methods of other studies (tests) without specification	Communication devices performing the function of control and monitoring systems;	26.30.11.130	8517	Functions performed of ACS equipment without communication interruptions and quality degradation	provided/not provided
					no impact on the functioning of the automated control system recording of information on commands and the results of their execution	provided/not provided
					no impact on the functioning of the automated control system deletion of information on commands and the results of their execution	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1045					no impact on functioning of the automated control system storage of information on commands and the results of their execution	ensured/not ensured
1.1046.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ACMS) of telecommunications networks (Order of the Ministry of Communications and Mass Media of Russia No. 55 of May 15, 2007, No. 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated June 19, 2007 No. 68), Control functions of ARRSS; Other research (testing); methods of other research (testing) without specification	Communication devices performing the functions of control and monitoring systems;	26.30.11.130	8517	automatic transitions with from the main trunk to the backup and back according to the criteria of the pilot signal level and/or noise level in the measuring channel-	provided/not provided
					automatic switching from the main trunk to the backup trunk and back in case of trunk equipment failure	provided/not provided
					prohibition of automatic switching (from the main trunk to the backup trunk and back for maintenance or testing purposes; from the main trunk to the backup trunk in case of backup trunk malfunction)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1046					Manual transitions from the main trunk to the backup and back	Provided/Not provided
1.1047	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 10.01.2017. Appendix 56. Methodology for verifying compliance with requirements for automated control and monitoring systems (ASUM) for telecommunications networks (order of the Ministry of Communications of Russia dated 15.05.2007 No. 55, dated 12.01.2009 No. 2, dated 19.06.2007 No. 67, dated 19.06.2007 No. 68), Simultaneous issuance of commands and receiving messages; Other research (tests); methods of other research (testing) without specification	Communication equipment, performing the function control systems and monitoring systems;	26.30.11.130	8517	simultaneous issuance control commands and receiving official and emergency messages UM RRSS	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1048	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 57. Methodology for verifying compliance with requirements for communication means used to providing access to information information telecommunications networks, transmission of messages by electronic mail and fax messages (Order of the Ministry of Information and Communications Russia dated December 11, 2006 No. 166), Interaction of used to to ensure access to information information telecommunications networks, transmission of messages by electronic mail and fax messages, with external systems; Other research (testing); methods of other research (testing) without specification	Equipment communication; Equipment Communication;	26.30;26.30	8517	Interaction with external systems according to protocols transport level TSR or UDP	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1049	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 57. Verification methodology compliance with requirements for means of communication used to provide access to information in information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Communications of 11.12.2006 No. 166), Functions of electronic messaging systems; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication equipment;	26.30;26.30	8517	Identification by the entered identification parameters	provided/not provided by
					exchange of electronic messages	provided/not provided
					checking for free disk space	provided/not provided
1.1050.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for	Communication equipment; Communication equipment;	26.30;26.30	8517	Provision of information upon request	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1050.	means of communication used to provide access to information on information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Communications and Mass Media of Russia No. 166 of 11.12.2006), Functions of information technology; Other research (testing); Methods of other research (testing) without specification				Identification by the entered identification parameters	provided/not provided by
1.1051.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication devices used to provide access to information on information and telecommunications networks, transmission of messages by e-mail, and	Communication equipment; Communication equipment;	26.30;26.30	8517	authorization based on entered identification parameters	secured/not secured
					authentication based on the entered identification parameters and issuance of a set of parameters	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU Foreign Economic Activity Code	Defined characteristic (indicator)	Definition range
1.1051.	facsimile messages (Order of the Ministry of Information and Communications of Russia No. **l** 66 dated 11.12.2006), Remote access TS functions; Other research (testing); Other research (testing) methods without specification				Addition of a new registration name and corresponding set of parameters	provided/not provided
					change in the set of parameters corresponding to the registration name	provided/not provided
					indication of running processes	provided/not provided
					providing access to information in accordance with access rights	provided/not provided
					Deletion of registration name and corresponding set of parameters	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1052	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication means used to provide access to information on information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Communications and Mass Media of Russia No. 166 dated 11.12.2006), Functions of authentication and identification tools; Other research (testing); Methods of other research (testing) without specification	Communication equipment; Communication equipment;	26.30; 26.30	8517	authentication by the entered identification parameters and issue a set of parameters	provided/not provided
					adding a new registration name and the corresponding set of parameters	provided/not provided
					changing the set of parameters corresponding to the registration name	provided/not provided
					indication of tasks being performed	provided/not provided
					Checking for free disk space	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1052.					Removal of registration corresponding set of parameters	of the name and
1.1053.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication devices used to provide access to information on information and telecommunications networks, transmission of e-mail and fax messages (Order of the Ministry of Communications and Mass Media of Russia dated December 11, 2006, No. 166), Functions of fax transmission equipment; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication equipment;	26.30; 26.30	8517	non-delivery notification	provided/not provided
					control of access to services provided	provided/not provided
					message identification	provided/not provided
					transmission of a single-address message	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1053					Message transmission in in accordance with their delivery classes (urgent, ordinary, non-urgent)	provided/not provided
					Repeated attempt to deliver a message when fax transmission is unavailable	provided/not provided
					Call registration	provided/not provided
1.1054.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication devices used to provide access to information on information and telecommunications networks, transmission of messages by e-mail, and	Communication equipment; Communication equipment;	26.30;26.3O	8517	authentication by based on entered identification parameters	provided/not provided
					Email address blocking	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	KODOKPD 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1054.	facsimile messages (Order of the Ministry of Communications and Mass Media of Russia No. I 66 dated 11.12.2006), E-mail functions; Other research (testing); Methods of other research (testing) without specification				Issuing messages to display device in accordance with the entered registration name (address)	provided/not provided
					adding a new email address	provided/not provided
					organizing a queue for sending messages	provided/not provided
					sending messages according to the entered address (multiple addresses)	provided/not provided
					Receiving, storing, and transferring files in email messages that comply with the MIME format	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1054					Address removal email	provided/not provided
1.1055.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication devices used to provide access to information on information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Communications and Mass Media of Russia dated December 11, 2006, No. 166), Functions of voice information transmission by e-mail; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication equipment;	26.30; 26.30	8517	authentication based on entered identification parameters	provided/not provided
					adding a new registration name (address) email	provided/not provided
					incoming call service	provided/not provided
					organization of access to the mailbox	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1055.					Receipt, storage, and delivery e-mail messages	provided/not provided
					Deletion of email address	provided/not provided
					mailbox management	provided/not provided
1.1056.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication devices used to provide access to information on information and telecommunications networks, transmission of messages by e-mail, and	Communication equipment; Communication equipment;	26.30;26.30	8517	temporary storage of MS, it is delivered to the recipient, or until the storage period expires, or until the message is forcibly deleted (including if it is rejected by the recipient)	provided/not provided until

N P/P	Documents establishing the rules and methods for research (testing) and measurement	Name of object	KODOKPD 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1056.	facsimile messages (Order of the Ministry of Communications and Mass Media of Russia No. I 66 dated 11.12.2006), Processing of incoming and outgoing multimedia messages (MM); Other research (testing); methods of other research (testing) without specification				Selection of terminal capabilities	provided/not provided
					generation of delivery report	provided/not provided
					long-term storage of messages in the message storage, multimedia messages (HMS)	provided/not provided
					priority delivery of MS	provided/not provided
					delivery of messages from HMS upon request	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1056.					loading and saving MS in box XMS	provided/not provided
					control of the sender's ability to pay for the recipient's response	provided/not provided
					Ensuring the ability to store the message in the HMS after delivery for review via the Web interface	provided/not provided
					processing of the status of stored MS (message loaded into the HMS mailbox and saved, message provided for transmission **and** saved, incoming message received by the TMS, message transmitted on request, message sent)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1056					Delayed delivery of MS	provided/not provided
					MS dispatch and read receipt	provided/not provided
					MS sent from HMS to one or more recipients (group MS mailing)	provided/not provided
					forwarding of MS	provided/not provided
					Redelivery of MS in case of non-delivery of the message on the first attempt until the message is delivered or until its storage period expires	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1056.					Obtaining a list of stored messages and related information elements	secured/not secured
					sending a notification of a received MS to the MS recipient	provided/not provided
					Conversion of incoming messages from external systems into MS format, provided that interaction with external systems is supported	provided/not provided
					conversion of outgoing MS messages into the format of external system messages, provided that interaction with external systems is supported	provided/not provided
					MS reception and delivery	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1056					address translation	provided/not provided
					Removal of MS from HMS	Ensured/Not ensured
					storage of results of MS transfer, MS receipt, notification of recipients about receipt MS, MS sending	ensured/not ensured
1.1057.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication devices used to provide access to information on information and telecommunications networks, transmission of messages by e-mail, and	Communication equipment; Communication equipment;	26.30;26.30	8517	service activation "multimedia messaging"	provided/not provided
					blocking of the "multimedia messaging" service	enabled/disabled

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1057.	facsimile messages (Order of the Ministry of Communications and Mass Media of Russia No. I 66 dated 11.12.2006), Administrative servicing of technical means of multimedia message transmission (TMMT); Other research (testing); methods of other research (testing) without specification				viewing and modification processing parameters multimedia messages	provided/not provided
1.1058.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication devices used to provide access to information on information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Communications and Mass Media of Russia No. 166 dated December 11, 2006), Collection and processing of accounting and statistical data on	Communication equipment; Communication equipment;	26.30;26.30	8517	Sender's address	provided/not provided
					recipient's address	provided/not provided
					timestamps for submission, delivery, and expiration of storage period	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1058	Each serviced topic, including internal accounting of services rendered and the ability to transfer this information to external systems; Other research (testing); methods of other research (testing) without specification				message identifier	provided/not provided
					Message size (amount of information transmitted in bytes)	Provided/Not provided
					Message status (delivered, rejected, deleted, delivery incomplete)	provided/not provided
1.1059.	Program and methodology for type conformity testing, approved by IC ePbGUT 10.01.2017. Appendix 57. Methodology for verifying compliance with requirements for communication means used to provide access to information from information and telecommunications networks, transmission of messages by e-mail, and	Communication equipment; Communication equipment;	26.30;26.30	8517	addressee	provided/not provided
					Time of sending the message from the subject	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	KODKOPD 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1059	of facsimile messages (Order of the Ministry of Information and Communications of 11.12.2006 No. 166), Diagnostics of the operation of the theme, including the recording and storage of information on operating modes and resource utilization; Other research (testing); methods of other research (testing) without specification				Time of receipt of the message in the subject line	provided/not provided
					Number of attempts to send a message	Ensured/Not ensured
					Maximum message lifetime	secured/unsecured
					message sender	guaranteed/not guaranteed
					message priority	ensured/not ensured

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1059					Reason for non-submission	Provided/Not provided
					Message size	provided/not provided
1.1060.	Program and methodology for type conformity testing, approved by the IC ePbGUT on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication means used to provide access to information on information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Communications and Mass Media of Russia dated 11.12.2006 No. 166), Administration of the topic;Other research (testing); other methods	Communication equipment; Communication equipment;	26.30; 26.30	8517	Data archiving	provided/not provided
					data recovery after emergencies	provided/not provided
					equipment parameter settings (configuration)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1060.	research (testing) without clarification				Conducted Preventive measures	provided/not provided
					Access differentiation	provided/not provided
					Synchronization of internal equipment clocks with signals from a single accounting and reporting time source - Moscow	provided/not provided
					equipment management theme	provided/not provided
1.1061.	Program and methodology for type conformity testing, approved by IC ePbGUT on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication equipment used for	Communication equipment; Communication equipment;	26.30;26.3O	8517	request for delivery report	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	KODKOPD 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1061	ensuring access to information on information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Information and Communications of Russia No. 166 of 11.12.2006), Information on services provided to the subject, for deR; Other research (testing); methods of other research (testing) without specification				Request for notification of reading	provided/not provided
					Additional service identifier	provided/not provided
					response identifier	provided/not provided
					connection identifier	provided/not provided
					payment indicator (prepayment, payment upon response, partial payment)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.1061					Shipment indication	provided/not provided
					Type of transfer used; information about content (audio, image, video, text)	provided/not provided
					message class (personal, advertising, informational)	provided/not provided
					additional service code	provided/not provided
					type conversion	provided/not provided

N No.	Documents establishing rules and methods for research **(testing) and measurements**	**Name of object**	**code**	**EAEU HS Code**	**Defined characteristic (indicator)**	**Determination range**
1.1061					Message priority	provided/not provided
					Transmission duration (in seconds)	Ensured/Not ensured
					Storage duration (in seconds)	provided/not provided
					response calculation	provided/not provided
					message status (delivered, rejected, deleted, delivery incomplete)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1061					Type of content	Provided/Not provided
1.1062	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication devices used to provide access to information on information and telecommunications networks, transmission of e-mail and fax messages (Order of the Ministry of Communications and Mass Media of Russia dated December 11, 2006, No. 166), Administrative maintenance of technical means for transmitting short text messages (STMS); Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication equipment;	26.30; 26.30	8517	Activation of service "short message service"	provided/not provided
					blocking of the "short message transmission" service	enabled/disabled
					viewing and changing short text message processing settings	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1063	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication devices used to provide access to information on information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Communications and Mass Media of Russia dated December 11, 2006, No. 166), Receipt and delivery of short text messages; Other studies (tests); Methods of other studies (tests) without specification	Communication equipment; Communication equipment;	26.30; 26.30	8517	Group delivery short text messages	provided/not provided
					two-way session transmission of unstructured data	provided/not provided
					delivery of short text messages via mailing list	provided/not provided
					priority delivery	provided/not provided
					Missed call notification	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1063					Routing of short text messages	provided/not provided
					ensuring the confidentiality of short text messages	ensured/not ensured
					Delayed delivery of short text messages	provided/not provided
					Forwarding of short text messages	provided/not provided
					Redelivery of short text messages in case of non-delivery on the first attempt	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1063					Receipt (delivery) short text messages	provided/not provided
					Receipt (sending) of messages in email format	Provided/Not provided
					Provision of information to roaming users via short text messages	provided/not provided
					receiving short messages, converting them into voice and/or fax messages, and delivering them to the specified address	provided/not provided
					Intermediate storage of short text messages	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1063.					Roaming	provided/not provided
					Delivery notification	Provided/Not provided
					Notification of availability of short text messages	Provided/Not provided
1.1064.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication devices used to provide access to information on information and telecommunications networks, transmission of messages by e-mail, and	Communication equipment; Communication equipment;	26.30;26.3O	8517	addressee	provided/not provided
					time of sending the message from tsk	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	Code 2	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1064	facsimile messages (Order of the Ministry of Communications and Mass Media of Russia No. 166 dated December 11, 2006), Collection and processing of accounting and statistical data of the TSKC, including internal accounting of services rendered and the possibility of transferring this information to external systems; Other research (testing); methods of other research (testing) without specification				Time of receipt of the message to the TSKC	provided/not provided
					Date of message dispatch from TSKS	provided/not provided
					date of receipt of the message by the TSKC	provided/not provided
					message category (priority)	provided/not provided
					maximum message lifetime	guaranteed/not guaranteed

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1064.					Message sender	Provided/Not provided
					Reason for non-delivery	provided/not provided
					short message size	provided/not provided
					short message content	provided/not provided
					number of attempts to send a short message	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1065	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication means used to provide access to information on information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Communications and Mass Media of Russia dated December 11, 2006, No. 166). Diagnostic data on the operation of the TSKC, including the recording and storage of information on operating modes and resource utilization; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication equipment;	26.30; 26.30	8517	addressee	provided/not provided
					time of sending the message from the SCS	provided/not provided
					time of message arrival at SKS	provided/not provided
					number of attempts to send a message	guaranteed/not guaranteed
					Maximum message lifetime	ensured/not ensured

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1065					message sender	provided/not provided
					Priority of notification	Provided/Not provided
					reason for non-delivery	provided/not provided
					message size	provided/not provided
1.1066.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication equipment used for	Communication equipment; Communication equipment;	26.30;26.30	8517	data archiving	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODOKPD 2	EAEU Foreign Economic Activity Code	Defined characteristic (indicator)	Range of determination
1.1066	ensuring access to information on information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Information and Communications of Russia No. 166 dated December 11, 2006), administration of the TSK system;Other research (testing); methods of other research (testing) without specification				Data recovery after emergencies	provided/not provided
					Generation of messages based on templates	provided/not provided
					system parameter settings (configuration)	provided/not provided
					multilingual and transliteration support	provided/not provided
					Preventive measures	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1066					System control	provided/not provided
1.1067.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication means used to provide access to information on information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Communications and Mass Media of Russia No. 166 dated December 11, 2006), Functions of domain name technical means; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication equipment;	26.30;26.30	8517	Domain name assignment, associated with the requested address	provided/not provided
					issuance of a set of parameters associated with the requested domain name	provided/not provided
					adding an IP address to the reverse zone	provided/not provided
					adding a new host name to the zone	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1067.					IP conversion cancellation Addresses in the domain name of the node	provided/not provided
					Reinitialization of the TC	provided/not provided
					creation of a new zone	provided/not provided
					deletion of a node name in the zone	provided/not provided
1.1068.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication devices used for	Communication equipment; Communication equipment;	26.30;26.30	8517	authentication by the entered identification parameters	provided/not provided by

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	KODKOPD 2	EAEU HS Code	Defined characteristic (Indicator)	Definition range
1.1068.	ensuring access to information on information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Information and Communications of Russia No. 166 of 11.12.2006), functions of the FTP technical means; Other research (testing); methods of other research (testing) without specification				Addition of a new registration name	provided/not provided
					Checking free disk space	provided/not provided
					differentiation of access to subsystem storage resources according to the entered registration name	provided/not provided
					Deletion of registration name	provided/not provided
					file management (transfer of a file from the automated workstation (AWS) storage device to the subsystem storage device; transfer of a file from the subsystem storage device to the ARM storage device; issuance	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1068.					Contents of the current directory of the subsystem storage device; change of file name on the subsystem storage device)	
					setting quotas for space on the disk for registration names	provided/not provided on
1.1069.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication means used to provide access to information on information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Communications and Mass Media of Russia dated December 11, 2006, No. 166), Functions of NTTT technical means; Other research (testing); Other methods	Communication equipment; Communication equipment;	26.30; 26.30	8517	addition of new virtual Web server	provided/not provided
					indication of running processes	provided/not provided
					Receiving files in accordance with the entered URL and displaying the corresponding image on the web application screen	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1069.	(tests) without clarification				Receiving files in Compliance with the transition command via rereference entered from the Web- application and display of the corresponding image on the screen	provided/not provided
					Checking for free disk space	provided/not provided
					viewing statistics on requests to the Web server	provided/not provided
					deletion of a virtual Web server	provided/not provided
1.1070.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for	Communication equipment; Communication equipment;	26.30;26.30	8517	Provision of information on request	provided/not provided upon

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1070.	means of communication used to provide access to information on information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Communications and Mass Media of Russia No. 166 of December 11, 2006), Functions of electronic reference books; Other research (testing); Methods of other research (testing) without specification				addition of information	provided/not provided
					Information editing	Provided/Not provided
					deletion of information	provided/not provided
					Formation of reference catalog structure	provided/not provided
1.1071.	Program and methodology for type conformity testing, approved by the IC ePbGUT on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication devices used for	Communication equipment; Communication equipment;	26.30;26.30	8517	maintaining an event log networks	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1071.	providing access to information on information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Information and Communications of Russia No. 166 of 11.12.2006), Control system functions; Other research (testing); Other research (testing) methods without specification				control and modification Parameters of external network elements	provided/not provided
					Display of the functioning of a group of network elements	provided/not provided
					transfer and modification of parameters upon request from the network control server	provided/not provided
					Transmission of SNMP asynchronous interrupt messages (Trap messages) to the network management server	provided/not provided
					Receipt of asynchronous SNMP interrupt messages (Trap messages) from network nodes	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1072	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 57. Verification methodology compliance with requirements for means of communication used to provide access to information in information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Information and Communications of 11.12.2006 No. 166), Functions of electronic news TS; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication equipment;	26.30;26.30	**8517**	addition of a new server source	provided/not provided news
					receiving and displaying messages accumulated on selected topics on the **ARM** screen	provided/not provided
					checking the availability of free disk space	provided/not provided
					deleting the news server - source	provided/not provided
1.1073.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication equipment,	Communication equipment; Communication equipment;	26.30;26.30	**8517**	Keeping a synchronization event log	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.1073.	used to provide access to information on information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Information and Communications of Russia No. 166 of 11.12.2006), Functions of time synchronization devices;Other research (testing); methods of other research (testing) without specification				adding a new server - Synchronization source	provided/not provided
					change in time stamps of network servers	provided/not provided
					polling of the source server (source servers) at a specified interval to synchronize operations	provided/not provided
					deletion of the synchronization source server	provided/not provided
1.1074.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 57. Methodology for verifying compliance with requirements for communication equipment used for	Communication equipment; Communication equipment;	26.30;26.3O	8517	IP address assignment upon request	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1074.	Providing access to information on information and telecommunications networks, transmission of messages by e-mail and fax (Order of the Ministry of Communications and Mass Media of Russia No. 166 of 11.12.2006), Functions of the technical means for managing the subsystem for the dynamic assignment of IP addresses to network elements; Other research (testing); methods of other research (testing) without specification				Formation of a list available IP addresses	provided/not provided
1.1075.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications of Russia dated August 29, 2005, No. 102, No. 113 dated August 24, 2006, 24.05.2007 No. 56, 21.12.2006 No. 176, order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Composition	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	base unit (BB)	provided/not provided
					wireless handsets (portable subscriber radio blocks, PARB)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1075	Terminal equipment performing the functions of a cordless telephone using DEST radio technology; Other research (testing); Methods of other research (testing) without specification					
1.1076	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated 29.08.2005 No. 102, No. 113 dated August 24, 2006, No. 24.05.2007 No. 56, dated 21.12.2006 No. 176, Order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Frequency range; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	Frequency range: 1880 1900 MHz	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1077	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated August 29, 2005, No. 102, No. 113 dated August 24, 2006, No. 24.05.2007 No. 56, dated 21.12.2006 No. 176, Order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Antenna gain coefficient; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26.30.11.110	8517	gain antennas used in BB and PARB: :::,3 dB	provided/not provided for
1.1078.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated August 29, 2005 No. 102, No. 113 dated 24.08.2006,	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of	26.30;26.30.2;26.30;26.30.11.110	8517	out-of-band emissions in channels: S 40 nW (one case is allowed where the power may reach 500 nW)	provided/not provided other

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of the object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1078.	24.05.2007 No. 56, dated 21.12.2006 No. 176, order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Parameters of transmitters in BB and PARB; Other research (testing); Methods of other research (testing) without specification	Switching systems;			Out-of-band emissions in adjacent frequency channels: :5 160 µW at one channel offset; :5 1 µW at two channel offsets; :5 80 nW at three channel offsets;	provided/not provided
					use of Gaussian frequency shift keying (GFSK) by BB and PARB transmitters	provided/not provided
					maximum radiated power: 5,250 mW	provided/not provided
					No more than two continuous harmonic spurious signals at the PARB output, with a total peak power measured in the 3 MHz band of 5,250 nW, and measured in the 100 kHz band of 5,20 nW for the following frequency ranges: 47-74 MHz; 87.5 - 108 MHz; 108 - 118 MHz; 174-230 MHz; 470	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1078					862 MHz	
					Nominal frequency deviation: 288 kHz	provided/not provided
					Transmitter carrier frequency deviation PARB after the first second of operation: ::from 50 kHz	provided/not provided
					the deviation of the BB transmitter carrier frequencies from the nominal value shall not exceed 50 kHz	provided/not provided
					deviation of the PARB transmitter carrier frequencies from the nominal value during the first second of operation: ::from 100 kHz	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.1078						provided/not provided
					Peak frequency deviation when transmitting binary sequence **"1"**: from 259 to 403 kHz	
					Peak frequency deviation when transmitting binary sequence "2": from 203 to 403 kHz	provided/not provided
					average radiated power per channel: S 10 mW	provided/not provided
					level of intermodulation components arising during simultaneous operation of two transmitters in the same time interval at different carrier frequencies: S **1** mW	provided/not provided
					side radiation level, defined as the peak power level of radio frequency outside working hours	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1078.					DECT frequency bands (with a measurement bandwidth of 30 kHz with frequency offset from the edge of the DECT band by 0.5 MHz; 100 kHz at a frequency offset of 5 10 MHz from the edge of the DECT band; 300 kHz at a frequency offset of 10 - 20 MHz from the edge of the DECT band; **1** MHz at a frequency offset of 20 - 30 MHz from the edge of the DECT band; 3 MHz at a frequency offset of 30 MHz from the edge of the DECT band (12750 MHz): :c; 250 nW at frequencies up to 1 GHz; :c; **1** μW at frequencies from I GHz to 12.5 GHz	
					phase jitter of packets transmission: :c;± **1** μs	provided/not provided
1.1079.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 58. Methodology for verifying compliance with requirements for	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment	26.30;26.30.2;26.30;26 .30.11.110	8517	error rate level signal at the input of a receiver tuned to frequency channel M, equal to minus 80 dBm, and the presence of two interfering signals in	bit error rate at a useful

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1079.	terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated 29.08.2005 No. 102, No. 113 dated August 24, 2006, 24 May 2007 No. 56, 21.12.2006 No. 176, order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Parameters of receivers in BB and PARB; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices performing the function of switching systems;			frequency channels A and B with a level of minus 48 dBm each, if a harmonic interfering signal is transmitted on channel A and a DEST-like interfering signal is transmitted on channel B: S 0.001 (channel numbers M, A, and B: M=5, A=7, B=9; M=5, A=3, B=\; M=0, A=2, B=4; M=9, A=7, B=5)	
					bit error rate at a useful signal level at the receiver input of minus 73 dBm (presence of a DECT-like interference signal with a level of minus 84 dBm (59 dBmV/m) in the same frequency channel, minus 60 dBm (83 dBmV/m) at a shift of one channel, minus 39 dBm (104 dBmV/m) at a shift of two channels, minus 33 dBm (110 dBmV/m) in another channel): S 0.001	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1079					Spurious power emissions in the allocated DECT frequency band with a measurement bandwidth **of 1** MHz shall not exceed 2 nW in the frequency band from 1880 to 1900 MHz (except: in a single frequency band with a bandwidth of 1 MHz, the power of spurious emissions may be 20 nW; in one or two frequency bands with a width of 30 kHz, the power of spurious emissions may be 250 nW)	provided/not provided
					spurious emission power outside the allocated DECT frequency band with a measurement bandwidth of **1** MHz: 2 nW in the frequency band 30 1000 MHz; 20 nW in the 1000-12750 MHz frequency band	provided/not provided
					Receiver sensitivity (defined as the minimum input signal power level at which the bit error rate is 0.001):::;minus 83	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1079					dBm	
1.1080	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated August 29, 2005, No. 102, No. 113 dated 24.08.2006, 24.05.2007 No. 56, 21.12.2006 No. 176, order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Composition terminal equipment performing the functions of an analog cordless telephone; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	base unit	provided/not provided
					wireless handsets (portable radio telephone handsets)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1081	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated August 29, 2005 No. 102, No. 113 dated 24.08.2006, 24.05.2007 No. 56, dated 21.12.2006 No. 176, Order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Class emission class of terminal equipment performing the functions of an analog cordless telephone; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26.30.11.110	8517	radiation class F3E	provided/not provided
1.1082.	Program and methodology confirmation tests type conformity, approved by IC SPbGUT 10.01.2017. Appendix 58. Methodology for testing compliance with requirements for	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment	26.30;26.30.2;26.30;26.30.11.110	8517	Receiver selectivity via side channels 50 dB	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1082.	terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated 29.08.2005 No. 102, No. 113 dated August 24, 2006, 24 May 2007 No. 56, 21.12.2006 No. 176, Order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Parameters of transceivers of the base unit and portable radio telephone handset; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices that perform the function of switching systems;			Receiver selectivity on the adjacent channel: c:: 45 dB	provided/not provided
					Intermodulation selectivity of the receiver: c:: 45 dB	provided/not provided
					maximum transmitter frequency deviation: :::; ±5 kHz	provided/not provided
					transmitter carrier frequency power::::;10 mW	provided/not provided
					Transmitter frequency deviation: :::; 0.00001	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic to be determined (Indicator)	Detection range
1.1082.					Operating frequencies of the base: 30.00 - 31.25 MHz for transmission, 39.25 - 41.00 MHz for reception	provided/not provided
					Operating frequencies of the portable radio telephone handset: 39.25 - 41.00 MHz for transmission, 30.00 - 31.25 MHz for reception	provided/not provided
					frequency spacing between adjacent channels: 25 kHz	provided/not provided
					transmitter radiation level in adjacent channel: :c; 2.5 mW	provided/not provided
					transmitter spurious emission level: :c; 2.5 μW	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1082					Sensitivity Receiver at signal-to-noise ratio 12 dB (SINAD):::,5.0 μV	Provided/not provided
					Frequency bandwidth transmitter radiation at minus 30 dB:::, 16.8 kHz	provided/not provided
1.1083.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated 29.08.2005 No. 102, No. 113 dated August 24, 2006, No. 24.05.2007 No. 56, dated 21.12.2006 No. 176, Order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Parameters of the ringing tone of terminal data transmission equipment; Other research (testing); methods of other research (testing)	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	duration of pause between between call tone signals: 3.0 ± 15%	provided/not provided
					Duration of the call tone: 0.5 s± 15 %	provided/not provided
					Ringing tone frequency: 1100±38 Hz	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.1083						
1.1084	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated August 29, 2005 No. 102, No. 113 dated August 24, 2006, 24.05.2007 No. 56, 21.12.2006 No. 176, order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Response tone parameters of data transmission terminal equipment; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	response time tone: 3.3±0.7 s	provided/not provided
					response tone frequency: 2100±15 Hz	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1085	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 10.01.2017. Appendix 58. Communication testing methodology compliance with requirements for terminal equipment (orders of the Ministry of Communications of Russia dated 29.08.2005 No. 102, dated 24.08.2006 No. 113, dated 24 May 2007 No. 56, 21 December 2006 No. 176, order of the Ministry of Communications of Russia dated 24 October 2017 No. 571), Measures for protect receivers of frequency signaling; Other research (tests); methods of other research (testing) without specification	Equipment communication; Terminal equipment (user) telephone or telegraph Communication equipment, video communication equipment Equipment Communications; Communication devices performing the function of switching systems ;	26.30;26.30.2;26.30;26.30.11.110	8517	Spectral duration of the signal data transmission: ::, 80 ms at frequencies of 1200±100 Hz, 1600±100 Hz;::, 40 ms per at frequencies of 2100±100 Hz, 2600±100 Hz	provided/not provided
					power of spectral components of the data transmission signal at frequencies 1200±100 Hz, 1600±100 Hz, 2100±100 Hz, 2600±100 Hz:::; minus 30 dBmO	provided/not provided
1.1086.	Program and methodology confirmation tests type conformity, approved by the SPbGUT IC 1O.O1.2017. Appendix 58. Methodology for testing compliance with requirements for terminal equipment (orders of the Ministry of Communications of Russia dated 29.08.2005 No. 102,	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communications; Communication equipment,	26.30;26.30.2;26.30;26.30.11.110	8517	echo attenuation for terminal transmission equipment data: s': 14 dB	provided/not provided

No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Scope of definition
1.1086.	dated 24.08.2006 No. 113, dated 24.05.2007 No. 56, dated 21.12.2006 No. 176, order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Attenuation echo reflection attenuation for terminal equipment data transmission; Other research (tests); methods of other research (testing) without specification	performing the function switching systems;				
1.1087.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated August 29, 2005, No. 102, No. 113 dated 24.08.2006, 24.05.2007 No. 56, dated 21.12.2006 No. 176, Order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Attenuation of asymmetry of input and output circuits of terminal data transmission equipment in the frequency range from 300 to 3400 Hz in	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	attenuation of asymmetry of input and output circuits in the frequency range from 300 to 3400 Hz at connection points to the communication line: 43 dB	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1087.	connection points to the communication line; Other studies (tests); methods of other studies (tests) without specification					
1.1088.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated August 29, 2005, No. 102, No. 113 dated August 24, 2006, 24.05.2007 No. 56, 21.12.2006 No. 176, order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Operability of terminal data transmission equipment; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	operational capability in the input signal level range input signal: from 0 to minus 43 dB	is ensured/not ensured in

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1089	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 58. Verification methodology compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated 29.08.2005 No. 102, No. 113 dated August 24, 2006, 24 May 2007 No. 56, December 21, 2006 No. 176, Order of the Ministry of Communications of Russia dated October 24, 2017 No. 571), Connection of PBX, dispatch communication equipment, DEST radio technology equipment; Other research (testing); methods of other research (testing)	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	to (TfOP) two-wire analog interfaces	provided/not provided with
					to PSTN via basic access interfaces (ISDN **BRI)**	provided/not provided
					to PSTN via a single primary access interface (ISDN PRI)	provided/not provided
					to a data transmission network via interfaces using carrier control and detection collisions (data transmission network access interfaces)	provided/not provided
1.1090.	Program and methodology confirmation tests type conformity, Approved by the IC SPbGUT 1O.O1.2017. Appendix 58. Methodology for verifying compliance with requirements for	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment	26.30;26.30.2;26.30;26.30.11.110	8517	signal transmission to TfOP dialing a number, containing up to 18 signals inclusive, and reception from terminal (user) equipment of signals	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1090.	terminal equipment (Orders of the Ministry of Communications and Mass Media of Russia dated 29.08.2005 No. 102, No. 113 dated 24 August 2006, 24 May 2007 No. 56, 21.12.2006 No. 176, Order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Transmission to the TfOP of a dialing signal containing up to 18 digits inclusive, and reception of a dialing signal from terminal (user) equipment;Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Communication devices that perform the function of switching systems;			number dialing containing up to 18 digits inclusive (excluding SSOP exit codes)	
1.1091.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated August 29, 2005, No. 102, No. 113 dated August 24, 2006, 24.05.2007 No. 56, 21.12.2006 No. 176, order	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	pulse code modulation of voice frequencies (G.711)	provided/not provided
					total signal delay introduced by equipment: ::, 50 ms	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1091	Ministry of Communications of Russia dated 24.10.2017 No. 571), Terminal equipment performing switching system functions; Other research (testing); Methods of other research (testing) without specification					
1.1092.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated 29.08.2005 No. 102, No. 113 dated August 24, 2006, 24 May 2007 No. 56, 21.12.2006 No. 176, order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Equipment connected to the public telephone network via two-wire analog interfaces; Other research (testing); Methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	restriction option of outgoing load per subscriber line (AL) for each AL TfOP	provided/not provided
					AL loop does not close in case of emergency power failure	provided/not provided
					At least one AL for every eight subscriber lines for connecting terminal (user) equipment (ALU)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1092					Call signal reception the operator during an incoming long-distance semi-automatic connection	provided/not provided by
					AL and ALU ratio, switching equipment with a capacity of up to 16 ALu does not have load limiting means	provided/not provided if
1.1093.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications of Russia dated 29.08.2005 No. 102, No. 113 dated August 24, 2006, 24.05.2007 No. 56, dated 21.12.2006 No. 176, order of the Ministry of Communications of Russia dated 24.10.20] 7 No. 571), Equipment connected to the public switched telephone network via one or more ISDN BRI (2B+D) interfaces; Other research (testing); Other methods	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	B: information channel, with a speed of 64 kbit/s	provided/not provided
					D: channel for transmitting signal information, with a speed of 16 kbit/s	provided/not provided
					number of internal channels determined based on the external load limit on the connection channel to the SSOP using a concentration factor of no more than 4	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1093.	research (testing) without clarification				integrity ensured bits when providing data transmission services via a connection between interfaces at a speed of 64 kbit/s	Ensured/not ensured
					There are no restrictions on the number of consecutive zeros, ones, or repeating code combinations transmitted via a connection established between interfaces at a speed of 64 kbit/s	Provided/Not provided
					four-wire interface (reference point T) and/or two-wire interface (U interface)	provided/not provided
1.1094.	Program and methodology for type conformity testing, approved by the IC SPbGUT I O.O1.2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated 29.08.2005 No. 102,	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices,	26.30;26.30.2;26.30;26 .30.11.110	8517	B: information channel, a speed of 64 kbit/s	provided/not provided with

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU Foreign Economic Activity Code	Defined characteristic (indicator)	Detection range
1.1094.	dated 24.08.2006 No. 113, dated 24.05.2007 No. 56, dated 21.12.2006 No. 176, Order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Equipment connected to the public telephone network via ISDN PRI (ZOV+D) interfaces; Other research (testing); Methods of other research (testing) without specification	Performing the function of switching systems;			D: channel for transmission signal information with a speed of 64 kbit/s	provided/not provided
					number of internal channels determined based on the external load limit on the connection channel to the SSOP using a concentration coefficient of no more than 4	provided/not provided
					Bit integrity is ensured when providing data transmission services via a connection established between interfaces at a speed of 64 kbit/s.	provided/not provided
					There are no restrictions on the number of consecutive zeros, ones, or repeating code combinations transmitted over a connection between interfaces at a speed of 64 kbit/s.	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1094.					via four-wire interface (reference point T)	provided/not provided
1.1095.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated August 29, 2005 No. 102, No. 113 dated 24.08.2006, 24.05.2007 No. 56, dated 21.12.2006 No. 176, Order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Characteristics of transmission between analog interfaces of terminal equipment performing switching system functions; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	transmission characteristics between analog interfaces of terminal equipment performing switching system functions	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1096	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 58. Verification methodology compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated 29.08.2005 No. 102, No. 113 dated 24.08.2006, 24 May 2007 No. 56, 21 December 2006 No. 176, Order of the Ministry of Communications of Russia dated 24 October 2017 No. 571), Types connections of payphone equipment for automatic local, intra-zone, long-distance, (and) international telephone communications; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	incoming connections	provided/not provided
					outgoing toll-free connections to emergency, operational, and reference and information services	provided/not provided
					outgoing paid connections, including those to special services of the local communications network	provided/not provided
					special calls used when working with remote control and monitoring equipment for payphones	provided/not provided
1.1097.	Program and methodology confirmation tests type conformity, Approved by IC SPbGUT 1O.O1.2017. Appendix 58. Verification methodology	Equipment communication; Terminal equipment (user) telephone or telegraph communications, video	26.30;26.30.2;26.30;26.30.11.110	8517	automatic standardized rebound	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Range of determination
1.1097.	compliance with requirements for terminal equipment (Orders of the Ministry of Communications and Mass Media of Russia dated August 29, 2005, No. 102, No. 113 dated August 24, 2006, 24 May 2007 No. 56, 21 December 2006 No. 176, Order of the Ministry of Communications of Russia dated 24 October 2017 No. 571), Payphone functions; Other research (testing); Methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;			Inclusion of payphones, automatic testing of the technical condition and operation of network devices	provided/not provided
					return of coins remaining in the storage device that were not used to pay for services	Provided/Not provided
					ability to automatically redial the last number dialed after pressing the "Hang up" button followed by pressing the "Redial" button	provided/not provided
					ability to call emergency and information services free of charge	provided/not provided
					Incoming call capability	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Characteristic being determined (Indicator)	Detection range
1.1097.						provided/not provided
					Possibility of diagnosing of the technical condition of the payphone on the line with information output to the indicator	
					Possibility of using the remaining current payment asset to pay for the subsequent connection	Provided/Not provided
					Possibility of combined dialing using direct current pulses in decimal code and alternating current pulses in multi-frequency code	provided/not provided
					possibility of extending the service usage time with timely replenishment of the payment asset	provided/not provided
					ability to operate in modes of dialing numbers using direct current pulses in decimal code or alternating current pulses in multi-frequency code	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1097.					ability to work with removable programmable module for rewriting the software version	provided/not provided
					Ability to work with protection equipment by transmitting and receiving coded information from it	Provided/Not provided
					Ability to work with the remote control and monitoring system for payphones: accumulation and transmission to the remote control and monitoring system for payphones of statistical data by timer or upon request from the remote control and monitoring system for payphones; transmission to the remote control and monitoring system for payphones of messages about malfunctions detected during testing of the condition of payphones; reception from remote control and monitoring systems control and monitoring systems	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1097.					Payphones and re-recording control programs, payphone operating parameters, rate tables, and rate data; performing other functions provided for payphones	
					ability to work with sound amplification devices used by users with hearing impairments	provided/not provided
					ability to adjust the reception volume level	provided/not provided
					set of required number formats	provided/not provided
					Disconnecting the connection with a lever switch or the "Disconnect" button	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.1097.					Display on the board Display of dialed numbers, initial and current payment assets, instructional, informational, and service messages	provided/not provided
					Warning signal about the end of the payment asset	provided/not provided
					acceptance and control of appropriate means of payment, protection against the use of simulators	provided/not provided
					tariffing; services provided, payment asset processing	provided/not provided
					Establishment and maintenance of connection, implementation of data transfer procedure	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1097.					storage of recorded program's payphone when disconnection of the main power supply for 6 months	ensured/not ensured in the
1.1098.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 58. Verification methodology compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated 29.08.2005 No. 102, No. 113 dated 24.08.2006, 24 May 2007 No. 56, 21 December 2006 No. 176, Order of the Ministry of Communications of Russia dated 24 October 2017 No. 571), Types of of charging in payphones; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	**8517**	Autonomous billing	provided/not provided
					centralized billing with transmission of tariff signals to the payphone at a frequency of 16 kHz	provided/not provided
					centralized billing with transmission of tariff signals to the payphone voltage reversal of the station DC source	provided/not provided
1.1099.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 58.	Communication equipment; Terminal (user) equipment for telephone or telegraph	26.30;26.30.2;26.30;26.30.11.110	**8517**	Pressing the "Answer" button by the user (no later than 90±5 seconds after dialing the last digit of the number with centralized	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1099.	Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications of Russia dated 29.08.2005 No. 102, No. 113 dated August 24, 2006, 24 May 2007 No. 56, 21.12.2006 No. 176, Order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Start charging upon the occurrence of one of the following events; Other research (testing); methods of other research (testing) without specifying	connection, video communication equipment Communication equipment; Communication devices performing the function of switching systems;			tariffing and no later than 10.0±0.5 s after the first tariff signal is received by a payphone with an analog interface in the case of centralized tariffing)	
					Receipt of the "Answer" signal	provided/not provided
					receipt of signal at 16 kHz	provided/not provided
					receipt of voltage reversal signal from the communication node	provided/not provided
1.1100.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 58. Verification methodology	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment	26.30;26.30.2;26.30;26.30.11.110	8517	data entry programmable parameters depending on the requirements of the communications operator via autonomous control with	provided/not provided by

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	kodeokp 2	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1100.	compliance with requirements for terminal equipment (Orders of the Ministry of Communications and Mass Media of Russia dated August 29, 2005, No. 102, No. 113 dated August 24, 2006, 24 May 2007 No. 56, 21 December 2006 No. 176, Order of the Ministry of Communications of Russia dated 24 October 2017 No. 571), Design and technical characteristics of payphones; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;			Keyboards of the payphone using a remote programmable module or remotely from the payphone remote control and monitoring system	
					the ability to enter a non-tariffed interval of up to 6 seconds when providing a paid outgoing connection	provided/not provided
					Possibility of changing tariff data by a circuit design element of the payphone with recording of tariff data	provided/not provided
					the possibility of disassembling the micro-telephone handset only with the use of a special technological device	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1100					Possibility of release of the inlet from blockage by foreign objects	provided/not provided
					Built-in call device for reproducing the incoming call signal	provided/not provided
					Duration of the tariff interval for autonomous billing: FROM 1 TO 180 C	provided/not provided
					access to programmable parameters for verification and adjustment by service personnel only with the use of the appropriate access key	provided/not provided
					protection of the handset cord with a metal sleeve against external mechanical influences	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1100.					Individual lock coin box located in a special compartment isolated from the technical compartment (for tabletop payphones, the coin box may be located inside the technical compartment housing)	provided/not provided
					Information indicator (display)	Provided/not provided
					Coin box design (accumulation of coins of a specified denomination or size; protection against unauthorized access to the coin box; ability to control the removal of the coin box from the payphone; ability to control the overflow of the coin box)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1100					Control of coins by physical properties	provided/not provided
					at least two detachable connecting elements for installing security modules for a card-operated payphone	provided/not provided
					disconnection in case of dialing codes of a geographically defined numbering zone, codes of a geographically undefined numbering zone, service access codes, codes of countries not stored in memory when loading tabular tariff data in autonomous tariffing mode; the message "INCORRECT NUMBER DIALED NUMBER" displayed on the indicator panel and/or in the handset in voice form	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Characteristic being determined (Indicator)	Detection range
1.1100						provided/not provided
					No damage in the event of a short circuit in the electrical contacts of the card reader in the payphone	
					Covering of the coin acceptor inlet to protect it from foreign objects and clogging	provided/not provided
					Warning signal indicating that the user's payment balance is about to expire 20 seconds before the end of the paid time	provided/not provided
					interruption of paid connections after a set time interval in case of exhaustion of the card's payment balance or lack of coins in the payphone for payment	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1100.					Force required for Inserting a card into a card reader: ::o 5 **H**	provided/not provided
					reduction in accordance with the tariff for the communication service of the value of the card's payment asset or the number of coins accepted for payment when calculating tariff intervals during the time of service provision and (or) in accordance with the amount (volume) of information transmitted when providing the data transmission service	provided/not provided
					resistance to external influences of a payphone intended for outdoor use premises	provided/not provided
1.1101.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 58. Methodology for verifying compliance with requirements for	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment	26.30;26.3O.2;26.30;26 .30.11.110	8517	direct Class I payphone with the control center	connection of each

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	Code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1101.	terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated 29.08.2005 No. 102, No. 113 dated August 24, 2006, No. 24.05.2007 No. 56, dated 21.12.2006 No. 176, Order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Classification of communication devices designed for remote control and monitoring of payphones; Other research (testing); methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;			Equipment for automatic control of payphones, located at a local and/or zone communication network node and providing simultaneous real-time service to all payphones connected to it for class 11	provided/not provided
					equipment for automatic control of payphones, located at a local and/or zone communication network node and providing simultaneous service to all payphones connected to it in deferred access mode for classes III and IV	provided/not provided
					separated by level information transmission flows for classes 11, III, and IV	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1101					Four classes of communication equipment determining the conditions of use and technical level	Provided/Not provided
1.1102	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated August 29, 2005, No. 102, No. 113 dated August 24, 2006, 24.05.2007 No. 56, 21.12.2006 No. 176, order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Classification of service information for remote control data exchange and payphone monitoring; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	Software from the control center to the payphone: software modules for processing and control, communication, information protection	provided/not provided
					System data: payphone configuration data in both directions, data on malfunctions and emergency conditions of the payphone from the payphone to the control center, tariffs, payment card data, and control data from the control center to the payphone	provided/not provided
					statistical information, individual data from the payphone to the control center: for each outgoing call, about payment cards	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1102					statistical Information, summarized data from payphone to control center: outgoing/incoming load, coin box fill, payment asset amount, total payment data	Provided/not provided
1.1103.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated 29.08.2005 No. 102, No. 113 dated August 24, 2006, 24 May 2007 No. 56, 21.12.2006 No. 176, order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Functions of communication devices designed for remote control of payphones and monitoring of payphones; Other research (testing); methods of other research (testing)	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	Continuous operation and round-the-clock operation	provided/not provided
					the ability to manage groups of payphones distributed arbitrarily or according to payphone types, distribution by tariff zones, groups technical operation and technical condition types, including emergency	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Range of determination
1.1103.					output of messages allowing the location, type, and cause of malfunctions in the operation of	provided/not provided
					control of payphones in such a way as to obtain complete and reliable information about the technical condition of payphones, statistical information on payments and calls, service information on individual payphones, and summarized and detailed information on the management and control of payphones at any given moment	provided/not provided
					software and/or technical means for backing up and restoring information	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1103.					Preservation of integrity and Accuracy of information during diagnostics	provided/not provided
					Means of protection against malware intrusion	Ensured/Not ensured
					date representation format ensuring the correct operation of date-dependent functions throughout their entire service life	provided/not provided
					Centralized and remote control of payphones and monitoring of payphones by establishing communication between the control center and payphones	provided/not provided
1.1104.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 58. Verification methodology	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment	26.30;26.30.2;26.30;26.30.11.110	8517	automatic the formation of service information in the payphone and control center(s)	provided/not provided for

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Scope of definition
1.1104.	Compliance with requirements for terminal equipment (Orders of the Ministry of Communications and Mass Media of Russia No. 102 of 29.08.2005, No. 113 dated August 24, 2006, 24 May 2007 No. 56, 21.12.2006 No. 176, Order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Remote control functions for payphones and payphone monitoring in terms of information processing and management; Other research (testing); Methods of other research (testing) without specification	Communication equipment; Communication devices performing the function of switching systems;			access to resources Communications intended for remote control of payphones and monitoring of payphones, and data entry	provided/not provided
					provision of service information in the form necessary for its transmission, display, and documentation in printed or electronic form	Provided/Not provided
					management of the exchange of service information	provided/not provided
					management of communications and information security	provided/not provided
					storage of official information	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.1105	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated August 29, 2005 No. 102, No. 113 dated August 24, 2006, 24.05.2007 No. 56, 21.12.2006 No. 176, order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Remote control functions of payphones and control of payphones in terms of control; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	automatic functional control over the condition of communication facilities designed for remote control of payphones and control of payphones, with remote control and control functions with indication of information about malfunctions and failures	provided/not provided
					measurement and control of telephone load parameters for each communication line used by communication devices designed for remote control and monitoring of payphones	provided/not provided
					accumulation of statistical control data by means of communication designed for remote control and monitoring of payphones, in a form convenient for machine processing and storage	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Scope of determination
1.1105.					provision	provided/not provided
					statistical control data by means of communication devices designed for remote control and monitoring of payphones, in a form convenient for visual perception and transmission via communication channels	
					statistical control to obtain a generalized assessment of the quality of communication means designed for remote control and monitoring of payphones	provided/not provided
					test control (diagnostics) of the technical condition of communication means intended for remote control and monitoring of payphones, payphones with remote control and monitoring functions, and their subscriber lines using software and	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1105.					Hardware for communication devices designed for remote control and monitoring of payphones	
1.1106	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated August 29, 2005, No. 102, No. 113 dated August 24, 2006, 24.05.2007 No. 56, 21.12.2006 No. 176, order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Remote control functions for payphones and control of payphones in terms of communication; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	information transmission	provided/not provided
					call management within the payphone network	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.1107	Program and methodology confirmation tests type conformity, Approved by the SPbGUT Information Center 10.01.2017. Appendix 58. Methodology for checking compliance with requirements for terminal equipment (orders of the Ministry of Communications of Russia dated 29.08.2005 No. 102, dated 24.08.2006 No. 113, dated 24.05.2007 No. 56, dated 21.12.2006 No. 176, order Ministry of Communications of Russia dated 24.10.2017 No. 571), Functions remote control of payphones and control of payphones in terms of information protection information; Other research (testing); methods of other research (testing) without clarification	Equipment communication; Terminal equipment (user) telephone or telegraph communication, video communication equipment Equipment Communications; Communication means, performing the function switching systems;	26.30;26.3O.2;26.30;26.30.11.110	8517	automatic control and registration of information during its exchange, transmission, and external acceptance	provided/not provided
					automatic control of the use and condition of software and hardware	provided/not provided
					protection against unauthorized copying and modification by	provided/not provided
					encoding and decoding of information for protection during transmission via communication channels	provided/not provided
					encoding of information to protect it during storage on external media	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1107					distinction and accounting for access when processing and managing information	ensured/not ensured
1.1108.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 58. Methodology for verifying compliance with requirements for terminal equipment (orders of the Ministry of Communications and Mass Media of Russia dated August 29, 2005, No. 102, No. 113 dated 24.08.2006, 24.05.2007 No. 56, 21.12.2006 No. 176, order of the Ministry of Communications of Russia dated 24.10.2017 No. 571), Ability to quickly change the characteristics of remote control of payphones and control of payphones; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	change the rules and parameters (password, security level) for accessing management resources	ensured/not ensured
					change payphone operating modes	provided/not provided
					change tariffs	provided/not provided
					ensure interaction between management centers	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1108.					Redefine the scope and of persons having access to management resources	ensured/not ensured status
					redistribute payphones by group	provided/not provided
1.1109.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix Appendix 59. Methodology for verifying compliance with voice signal quality requirements from subscriber to subscriber (orders of the Ministry of Communications Russia dated February 6, 2008, No. 15, dated 24.04.2008 No. 47, dated 21.04.2008 No. 44, dated 29.04.2008 No. 51, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 27.01.2009 No. 10, dated 12.01.2009 No. **1,** dated 28.03.2011 No. 47, dated 15.09.2015 No. 346), Quality of transmission of voice	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	Subjective assessment of voice signal quality (points) from subscriber to subscriber, determined as the average value of speech reproduction quality ratings on a five-point scale (MOS) (not less than 3.5 points)	from **1** to 5

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.1109.	Signals from subscriber to subscriber; Other research (testing); Methods of other research (testing) without specification					
1.111O.	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 60. Methodology for verifying compliance with the requirements for echo suppression device parameters (orders of the Ministry of Communications of Russia dated 16.05.2006 No. 59, dated February 6, 2008 No. 15, 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 15.09.2015 No. 346), Inclusion of electrical echo suppression devices in the connection; Other research (testing); Methods of other research (testing)	Communication equipment; Terminal equipment (user equipment) for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	connection electrical echo suppression devices if the signal propagation time in one direction from subscriber to subscriber exceeds 24 ms	provided/not provided with

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1110						
1.1111	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 60. Methodology for verifying compliance with the requirements for echo suppression device parameters (orders of the Ministry of Communications and Mass Media of Russia dated 16.05.2006 No. 59, dated February 6, 2008, No. 15, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 15.09.2015 No. 346), Parameters of echo suppression devices; Other research (testing); methods of other research (testing) without specification	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30; 26.30.2; 26.30; 26 .30.11.110	8517	Insertion loss at frequency f= 1020 Hz (0.0±0.3 dB)	from minus 20 to 60 (dB)
					nominal value of input and output resistance (600 Ω)	from 3 to 3000 (ohms)
					Attenuation deviation in neutralization mode in the 300–3400 Hz band (from minus 0.2 to 0.3 dB)	from minus 20 to 60 (dB)
					average weighted psychophometric noise power (no more than 70 dB)	from minus 103 to O (dBm)

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1111.					Average power value Noise introduced in the 300-3400 Hz band (no more than 50 dB)	from minus 103 to O (dBm)
					Level of interfering signals arising from nonlinear processes (sagging, switching off) in neighboring echo suppression devices and not causing false triggering (no more than minus 65 dB)	FROM MINUS 70 TO MINUS 10 (dBm)
					Frequency distortion in the 300–3400 Hz band relative to the attenuation introduced at a frequency of 1020 Hz (from minus 0.2 to 0.3 dB)	provided/not provided
1.1112.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 60. Methodology for verifying compliance with the requirements for echo suppression device parameters (orders of the Ministry of Communications of Russia dated May 16, 2006, No. 59, dated	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of	26.30;26.30.2;26.30;26.30.11.110	8517	attenuation value introduced into the transmission path 60 (dB) in blocking mode (not less than 50 dB)	from minus 20 to

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of the object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1112.	06.02.2008 No. 15, dated 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 15.09.2015 No. 346), Parameters of echo barriers; Other research (testing); methods of other research (testing) without specification	switching systems;			attenuation value, introduced into the receiving path during an interruption at a signal level in the receiving path of minus 23 dB (5 - 7 dB)	from minus 20 to 60 (dB)
					suppression mode shutdown time (no more than 75 ms)	from I to 100 (ms)
					Full interruption mode shutdown time (48–66 ms)	from **1** to 100 (ms)
					suppression mode establishment time (no more than 5 ms)	from **1** to 100 (ms)
					suppression mode hold range (from minus 33 to minus 29 dB)	from minus 70 to 10 (dBm)

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1112					Nominal level mode activation (dBm) suppression (minus 31 dB)	from minus 70 to 10
					Nominal level mode switching (dBm) suppression (minus 28 dB)	from minus 70 to 10
1.1113.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 60. Methodology for verifying compliance with the requirements for echo suppression device parameters (orders of the Ministry of Communications and Mass Media of Russia dated May 16, 2006, No. 59, dated February 6, 2008 No. 15, 21.04.2008 No. 45, dated 24.04.2008 No. 47, dated 05.05.2008 No. 53, orders of the Ministry of Communications of Russia dated 27.01.2009 No. 12, dated 02.09.2008 No. 36, dated 27.01.2009 No. 10, dated 15.09.2015 No. 346), Parameters	Communication equipment; Terminal (user) equipment for telephone or telegraph communication, video communication equipment Communication equipment; Communication devices performing the function of switching systems;	26.30;26.30.2;26.30;26.30.11.110	8517	convergence speed through 300 ms (not less than 27 dB)	from minus 20 to 60 (dB)
					increase in residual echo signal level when switching to silent mode (not less than 10 dB)	from minus 15 to 15 (dB)
					level of the returned echo signal when the nonlinear processor is enabled (no more than minus 65 dB)	from minus 70 to 10 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1113.	Echo compensators; Other research (testing); Methods of other research (testing) without specification				level of returned echo signal level at (dBm) with the nonlinear processor (no more than minus 48 dB)	from minus 70 to 10
					level of returned echo signal level at (dBm) maximum delay signal propagation in the echo path of at least 32 ms (no more than 65 dB)	from minus 70 to 10
1.1114.	The program and methodology for type conformity testing were approved by the SPbGUT Testing Center on January 10, 2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the 30 MHz to 66 GHz range (Order of the Ministry of Communications of Russia No. 124 dated 14.09.2010), Radio access equipment for wireless data transmission (WDD) using open systems technology (OST) of the 802.15 standard; Other research (testing); other methods	Communication equipment; Computers and peripheral equipment;	26.30; 26.20	8471;8528	Operating time on a single channel (0.4 s)	provided/not provided
					frequency range (2400 - 2483.5 MHz)	from 0.009 to 7500.000 (MHz)
					number of carrier frequencies (channels)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (Indicator)	Detection range
1.1114	(tests) without specification				Maximum level of the input signal at an acceptable error probability of 0.001	from minus 80 to 20 (dBm)
					FHSS spectrum spreading methods	provided/not provided
					minimum receiver input signal level corresponding to an acceptable error probability of 0.001	from minus 80 to 20 (dBm)
					Relative transmitter frequency instability	provided/not provided
					Carrier frequency offset: **1** MHz	from 0.009 to 7500.000 (MHz)

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1114.					Modulation types: GFSK	provided/not provided
					Transmitter signal levels in the frequency band	from minus 80 to 20 (dBm)
					Receiver spurious emission levels (at frequencies: 30 - 1000 MHz, 1000 - 12750 MHz)	from minus 80 to 20 (dBm)
					transmitter spurious emission levels (in frequency ranges: 30 - 1000 MHz, 1000-12750 MHz, 1800 - 1900 MHz, 5150 - 5300 MHz)	from minus 80 to 20 (dBm)
1.1115.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 61. Methodology for verifying compliance with radio access requirements for	Communication equipment; Computers and peripheral equipment;	26.30;26.20	8471;8528	operating time on a single	channel (0.4 s)

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU Foreign Economic Activity Code	Defined characteristic (Indicator)	Detection range
1.1115	wireless data transmission in the range from 30 MHz to 66 GHz (Order of the Ministry of Communications of Russia No. 124 dated 14.09.2010), Radio access equipment for 802.11 standard BPD TOS; Other research (testing); Methods of other research (testing) without specification				Frequency range (2400 - 2483.5 MHz)	from 0.009 to 7500.000 (MHz)
					Number of carrier frequencies (channels): at least 20	provided/not provided
					maximum transmitter signal power	from minus 80 to 20 (dBm)
					maximum spectral power density (in a 100 kHz band)	from minus 80 to 20 (dBm)
					maximum input signal level at an acceptable error probability of 3%	from minus 80 to 20 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1115.					Spectrum expansion methods FHSS	Provided/Not provided
					Minimum signal level at the receiver input corresponding to an acceptable error probability of 3% and a transmission rate of 1 Mbit/s and 2 Mbit/s	from minus 80 to 20 (dBm)
					relative transmitter frequency instability	provided/not provided
					Radio channel data transfer rates and corresponding modulation types (1 Mbit/s for 2 GFSK, 2 Mbit/s for 4 GFSK)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1115.					emitted signal levels Transmitter in the frequency band	from minus 80 to 20 (dBm)
					Receiver spurious emission levels (at frequencies: 30 - 1000 MHz, 1000-12750 MHz)	from minus 80 to 20 (dBm)
					transmitter spurious emission levels (in frequency ranges: 30 - 1000 MHz, 1000-12750 MHz, 1800-1900 MHz, 5150-5300 MHz)	from minus 80 to 20 (dBm)
1.1116.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the range from 30 MHz to 66 GHz (Order of the Ministry of Communications of Russia No. 124 dated 14.09.2010), Radio access equipment	Communication equipment; Computers and peripheral equipment;	26.30;26.20	8471;8528	Frequency range (2400 - 2483.5 MHz)	from 0.009 to 7500.000 (MHz)
					maximum transmitter signal power	from minus 80 to 20 (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU Foreign Economic Activity Code	Defined characteristic (indicator)	Detection range
1.1116	for 802.11B standard TOS BPD; Other research (testing); Methods of other research (testing) without specification				Maximum level of the input signal at an acceptable error probability of 8% and a transmission rate of 2 Mbit/s and **11** Mbit/s;	from minus 80 to 20 (dBm)
					DSSS spectrum expansion methods	provided/not provided
					Minimum signal level at the receiver input corresponding to an acceptable error probability of 8% and a transmission rate of 2 Mbit/s and **11** Mbit/s	from minus 80 to 20 (dBm)
					Relative transmitter frequency instability	provided/not provided
					frequency plan	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1116.					Transmission information via radio channel and corresponding modulation types (1 Mbit/s for DBPSK, 2 Mbit/s for DQPSK, 5.5 Mbit/s, 11 Mbit/s and 22 Mbit/s for sec, PBCC)	provided/not provided
					compliance with the spectrum mask of the emitted signal	provided/not provided
					Receiver spurious emission levels (at frequencies: 30 - 1000 MHz, 1000 - 12750 MHz)	from minus 80 to 20 (dBm)
					transmitter spurious emission levels (in frequency ranges: 30 - 1000 MHz, 1000 - 12750 MHz, 1800–1900 MHz, 5150–5300 MHz)	from minus 80 to 20 (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.1117	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the 30 MHz to 66 GHz range (Order of the Ministry of Communications of Russia No. 124 dated 14.09.2010), Radio access equipment for 802.11a standard WAN; Other research (testing); methods of other research (testing) without specification	Communication equipment; Computers and peripheral equipment;	26.30; 26.20	8471;8528	Frequency range (5150 - 5350 MHz, 5650 - 6425 MHz)	from 0.009 to 7500.000 (MHz)
					number of carrier frequencies: 52	provided/not provided
					maximum transmitter signal power (in frequency bands: 5150 - 5250 MHz and 5250 - 5350 MHz)	from minus 80 to 20 (dBm)
					maximum transmitted signal power of the transmitter (in the frequency bands: 5650 - 5725 MHz, 5725 - 5825 MHz and 5825 - 6425 MHz)	from 0.00001 to 100000.00000 (mW)
					maximum input signal level at an acceptable error probability o f 10%	from minus 80 to 20 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Detection range
1.1117						provided/not provided
					Method of access to the environment	multiple access with carrier control and collision avoidance
					OFDM spectrum expansion methods	Provided/Not provided
					minimum signal level at the receiver input corresponding to an acceptable error probability of 10%	from minus 80 to 20 (dBm)
					relative transmitter frequency instability	provided/not provided
					Radio channel data rates and corresponding modulation types (6 Mbit/s and 8 Mbit/s for BPSK, 12 Mbit/s and 18 Mbit/s for QPSK, 24 Mbit/s and 36	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1117					Mbit/s for 16QAM, 48 Mbit/s, 54 Mbit/s, and 108 Mbit/s for 64QAM)	
					Compliance with the spectrum mask of the transmitted signal	ensured/not ensured
					Receiver spurious emission levels (in frequency ranges: 30 - 1000 MHz, 1000-26500 MHz)	compliant/non-compliant
					transmitter spurious emission levels (in the frequency ranges: 30 - 47 MHz, 47 - 74 MHz, 74 - 87.5 MHz, 87.5 - 118 MHz, 118 - 174 MHz, 174-230 MHz, 230 - 470 MHz, 470 - 862 MHz, 862 - 1LLC MHz, 1000 - 5150 MHz, 5350- 5470 MHz, 5470 - 26000 MHz)	from minus 80 to 20 (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1117					Channel frequency spacing: MHz	provided/not provided 20
1.1118.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the 30 MHz to 66 GHz range (Order of the Ministry of Communications of Russia No. 124 dated 14.09.2010), Radio access equipment for BPD TOS standard 802.1 lg; Other research (testing); methods of other research (testing) without specification	Communication equipment; Computers and peripheral equipment;	26.30; 26.20	8471;8528	Frequency range (2400 - 2483.5 MHz)	from 0.009 to 7500.000 (MHz)
					maximum transmitted signal power	FROM 0.00001 TO [00000.00000 (mW)
					maximum spectral power density (in the I MHz band)	from minus 80 to 20 (dBm)
					maximum input signal level at an acceptable packet error probability o f 10%	from minus 80 to 20 (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1118.					Minimum level of the signal at the receiver input corresponding to a permissible frame error probability of 8% and a transmission rate of 2 Mbit/s and 1 1 Mbit, a packet error probability of 10% and a transmission rate o f 12 Mbit/s and 54 Mbit	from minus 80 to 20 (dBm)
					relative instability of transmitter frequency	provided/not provided
					frequency plan	provided/not provided
					DSSS, OFDM, PBSS, DSSS-OFDM operating mode	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.1118.					Transmission speeds of information via radio channel and corresponding types of modulation (1 Mbit/s for DBPSK, 2 Mbit/s for DQPSK, 5.5 Mbit/s and 11 Mbit/s for SSC, RSC, 6 Mbit/s and 9 Mbit/s for BPSK, 12 Mbit/s and 18 Mbit/s for QPSK, 24 Mbit/s and 36 Mbit/s for 1bQAM, 48 Mbit/s, 54 Mbit/s, and 108 Mbit/s for 64QAM, 22 Mbit/s and 33 Mbit/s for PBSS)	provided/not provided
					Compliance with the emitted signal spectrum mask	ensured/not ensured
					Receiver spurious emission levels (in frequency ranges: 30 - 1000 MHz, 1000 - 12750 MHz)	from minus 80 to 20 (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1118					By-product levels transmitter emissions (in (dBm) frequency ranges: 30 - 1000 MHz, 1000-12750 MHz, 1800-1900 MHz, 5100-5300 MHz)	from minus 80 to 20
1.1119.	The program and methodology for type conformity testing were approved by the SPbGUT IC on January 10, 2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the 30 MHz to 66 GHz range (Order of the Ministry of Communications of Russia No. 124 dated 14.09.2010), Radio access equipment for 802.11n standard WAN; Other research (testing); methods of other research (testing) without specification	Communication equipment; Computers and peripheral equipment;	26.30; 26.20	8471;8528	Frequency range (2400 - 2483.5 MHz and/or 5150-5350 MHz, 5650 - 6425 MHz)	from 0.009 to 7500.000 (MHz)
					number of subcarriers in the channel	provided/not provided
					maximum transmitter signal power (in frequency bands: 5150 - 5250 MHz, 5250 - 5350 MHz, 5650 - 5725 MHz, 5725 - 5825 MHz, 5825 - 6425 MHz and 2400 2483.5 MHz)	from minus 80 to 20 (dBm) from 0.00001 to 100000.00000 (mW)
					maximum spectral power density (in a **1** MHz band)	FROM minus 80 TO 20 (dBm/MHz)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Detection range
1.1119					Maximum level input signal with an acceptable error probability o f 10%	from minus 80 to 20 (dBm)
					access method: multiple access with carrier sense and collision avoidance	provided/not provided
					spectrum expansion methods; OFDM	provided/not provided
					minimum signal level at the receiver input corresponding to an acceptable error probability of 10% (for modulation methods and relative coding rates: BPSK 1/2, QPSK 1/2, QPSK 3/4, 1/2 64QAM, 1/2 64QAM 3/4, 64QAM 2/3, 64QAM 3/4, 64QAM 5/6) with a channel spacing of 20 MHz and 10 MHz	from minus 80 to 20 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1119.					Relative transmitter frequency instability	provided/not provided
					Transmitter constellation errors (for modulation methods and relative coding rates: BPSK 1/2, QPSK 1/2, QPSK 3/4, l6QAM 1/2, 16QAM 3/4, 64QAM 2/3, 64QAM 3/4, 64QAM 5/6)	provided/not provided
					suppression of interference from neighboring channels, with a packet error rate of S I O % and a signal level 3 dB above the sensitivity level (for modulation methods and relative coding rates: BPSK 1/2, QPSK 1/2, QPSK 3/4, 16QAM l/2, 16QAM 3/4, 64QAM 2/3, 64QAM 3/4, 64QAM 5/6)	from minus 80 to 20 (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD2 CODE	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.1119					transmission speed information on radio channel (with a guard interval of 400 ns or 800 ns), corresponding modulation types (BPSK, GFSK, 16QAM, 64QAM), MCS scheme numbers and coding rates for: Nss=I, Nes=l, Nss=2, Nes=I (EQM), Nss=3, Nes=l (EQM), Nss=4, Nes=1 (EQM) at a channel spacing of 20 MHz; Nss=1, Nes=1, Nss=2, Nes=1 (EQM); Nss=3, Nes=1 (EQM); Nss=4, Nes=1 (EQM) at a channel spacing of 40 MHz; Nss=l, Nes=I, with a channel spacing of 40 MHz at 52 subcarriers (Nsd=48); Nss=2, Nes= 1 (UEQM), Nss=3, Nes=I (UEQM), Nss=4, Nes= 1 (UEQM) with a channel spacing of 20 MHz; Nss=2, Nes=l (UEQM), Nss=3 (UEQM), Nss=4 (UEQM) with a channel spacing of 40 MHz	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1119.					Compliance with spectrum mask of the emitted signal at a channel spacing of 20 MHz and at a channel spacing of 40 MHz	ensured/not ensured
					Receiver spurious emission levels (in the frequency ranges: 30 - 1000 MHz, 1000 - 26500 MHz, 1000 - 12750 MHz)	from minus 80 to 20 (dBm)
					transmitter spurious emission levels emissions (in frequency ranges: 30 - 47 MHz, 47 - 74 MHz, 74 - 87.5 MHz, 87.5 - 118 MHz, 118 - 174 MHz, 174-230 MHz, 230 - 470 MHz, 470 - 862 MHz, 862 - 1000 MHz, 1000 - 5150 MHz, 5350 - 5470 MHz, 5470 - 26000 MHz, 30 - 1000 MHz, 1000- 12750 MHz, 1800-1900 MHz, 5150-5300 MHz)	from minus 80 to 20 (dBm)
					Channel spacing: 20 MHz and/or 40 MHz	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1119					Number of MIMO streams: not than 4, not less than 2 for BS and not less than 1 for AC	provided/not provided more
1.1120.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the 30 MHz to 66 GHz range (Order of the Ministry of Communications of Russia No. 124 dated 14.09.2010), Radio access equipment for 802.11ac standard WPS; Other research (testing); methods of other research (testing) without specification	Communication equipment; Computers and peripheral equipment;	26.30; 26.20	8471;8528	modulation types (BPSK, QPSK, 16QAM, 64QAM, and 256QAM)	provided/not provided
					frequency range (5150 - 5350 MHz, 5470 - 6425 MHz)	from 0.009 to 7500.000 (MHz)
					additional technologies (STC, DL MU MIMO, Beamforming)	Supported/Not supported
					guard interval (800 ns and 400 ns)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.1120.					Number of subcarriers (56 with a channel bandwidth of 20 MHz, 114 with a channel bandwidth of 40 MHz, 242 with a channel bandwidth of 80 MHz, 242 with a channel bandwidth of 80+80 MHz, 484 with a channel bandwidth of 160 MHz)	provided/not provided
					number of modulation and coding schemes MCS: 10 (0..9)	provided/not provided
					maximum transmitter signal power	from minus 80 to 20 (dBm) FROM 0.00001 TO 100000.00000 (mW)
					maximum input signal level at an acceptable error probability of 10%	from minus 80 to 20 (dBm)
					Access method (multiple access with carrier sense and collision avoidance) collisions)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1120.					Spectrum expansion methods OFDM	provided/not provided
					minimum signal level at the receiver input corresponding to an acceptable error probability of 10% (for modulation methods and relative coding rates: BPSK 1/2, QPSK 1/2, QPSK 3/4, 16QAM 1/2, 16QAM 3/4, 64QAM 2/3, 64QAM 3/4, 64QAM 5/6, 256QAM 3/4, 256QAM 5/6) with channel spacing of 20 MHz and 10 MHz	from minus 80 to 20 (dBm)
					relative transmitter frequency instability	provided/not provided
					display of signal constellation information symbols for time-space temporal block	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.1120.					Coding (STBC)	
					transmitter constellation errors (for modulation methods and relative coding rates: QPSK 1/2, QPSK 3/4, 16QAM 1/2, 16QAM 3/4, 64QAM 2/3, 64QAM 3/4, 64QAM 5/6, 256QAM 3/4, 256QAM 5/6)	provided/not provided
					DL MU MIMO mode parameters (no more than 4 users, no more than 4 spatial streams per user with a total number of spatial streams no more than 8)	provided/not provided
					suppression of interference from neighboring channels, with packet error ::; 1O % and signal level 3 dB above sensitivity level (for modulation methods and relative speeds BPSK 1/2,	from minus 80 to 20 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Detection range
1.1120.					QPSK 1/2, QPSK 3/4, 16QAM 1/2, 16QAM 3/4, 64QAM 2/3, 64QAM 3/4, 64QAM 5/6, 256QAM 3/4, 256QAM 5/6)	
					maximum values of average EIIM and average spectral density of EIIM when operating at maximum rated power	provided/not provided
					Distance between subcarriers: 312.5 kHz	provided/not provided
					SU-MIMO and DL-MU-MIMO modes Beamforming	provided/not provided
					Coding rates (1/2, 2/3, 3/4, and 5/6)	Supported/Not supported

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1120.					Transmission speeds of information via radio channel (with a guard interval of 400 ns or 800 ns), corresponding modulation types (BPSK, QPSK, 16QAM, 64QAM, 256QAM), MCS scheme numbers and coding rates for: Nss=I - 8, Nes=I, with a channel spacing of 20 MHz; Nss=1 - 8, Nes=1 - 2, with a channel frequency spacing of 40 MHz; Nss=1 - 8, Nes=1 - 6, with a channel frequency spacing of 80 MHz; Nss=I - 8, Nes=I - 12, with a channel frequency spacing of 160 MHz and 80+80 MHz	provided/not provided
					compliance with the spectrum mask of the transmitted signal at channel spacing (20 MHz, 40 MHz, 80 MHz, 160 MHz, and 80+80 MHz)	provided/not provided
					Coding technologies (binary convolutional coding and LDPC coding)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1120					Parasitic levels emissions of the receiver (in the frequency ranges: 30 - 1000 MHz, 1000 - 26000 MHz)	from minus 80 to 20 (dBm)
					transmitter spurious emission levels (in the frequency ranges: 30 - 47 MHz, 47 - 74 MHz, 74-87.5 MHz, 87.5 - 118 MHz, 118 - 174 MHz, 174-230 MHz, 230 - 470 MHz, 470 - 862 MHz, 862- 1000 MHz, 1000 - 5150 MHz, 5350 - 5470 MHz, 5725 - 26000 MHz)	from minus 80 to 20 (dBm)
					number of MIMO streams (no more than 8, no less than 2 for BS and no less than I for AS)	provided/not provided
					channel bandwidth (20 MHz, 40 MHz, 80 MHz, 80+80 MHz, 160 MHz)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.1121	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the range from 30 MHz to 66 GHz (Order of the Ministry of Communications of Russia No. 124 dated 14.09.2010), Radio access equipment for 802.11ad standard WAN; Other research (testing); methods of other research (testing) without specification	Communication equipment; Computers and peripheral equipment;	26.30; 26.20	8471;8528	NDC (DC number carriers): 3	provided/not provided
					NSD (number of subcarriers for data transmission): 336	provided/not provided
					NSP (number of pilot subcarriers): 16	provided/not provided
					NSR (number of subcarriers occupying half of the total bandwidth): 177	provided/not provided
					NST (total number of subcarriers): 355	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1121					Type of modulation DBPSK (Differential BPSK)	provided/not provided
					OFDM modulation type: SQPSK (Spread QPSK), QPSK, lбQAM, 64QAM	Provided/Not provided
					SC modulation type with low power: l/2-BPSK, l/2-QPSK	provided/not provided
					SC modulation type: 1/2-BPSK, 1/2-QPSK, 1/2-1bQAM	provided/not provided
					possible values of the NCWmin parameter for BPSK packets in SC mode, radio channel data transfer rate, MCS scheme number, modulation types (1/2-BPSK, 1/2-QPSK, 1/2-1bQAM), data rate	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1121.					Coding in SC mode RNU	
					Possible radio channel data transfer rates in SRNU mode: 27.5 Mbit/s for MCS O circuit number, DBPSK modulation type, 1/2 coding rate	provided/not provided
					possible radio channel data transfer rates, MCS number, modulation types (SQPSK, QPSK, 16QAM, 64QAM), coding rates in OFDMPHY mode	provided/not provided
					possible radio channel data rates, MCS scheme number, modulation types (n/2-BPSK, n/2-QPSK), coding rates in SC mode Low-power RNU	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.1121.						provided/not provided
					Possible speeds of information transmission via radio channel, MCS scheme number, modulation types (l:/2- BPSK, ir/2-QPSK, l:/2- 16QAM), coding rates in SC mode RNU	
					Frequency range (57 - 66 GHz)	provided/not provided
					use of two types of BRP packets for tuning receiving and transmitting antennas: BRP-RX packets (receiving side) and BRP-TX packets (transmitting side)	provided/not provided
					number of MCS modulation and coding schemes: 0..... 31 (O for SRNU; 1.... 12 for SC RNU; 13.. 24 for OFDM RNU; 25.. 31 for SC RSU with low POWER.	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Characteristic to be determined (Indicator)	Detection range
1.1121					maximum EIIM of the transmitter	from minus 80 to 20 (dBm)
					Maximum transmitted signal power of the transmitter	from minus 80 to 20 (dBm) from 0.00001 to 100000.00000 (mW)
					maximum spectral power density	from minus 80 to 20 (dBm/MHz)
					minimum input signal level (sensitivity) of the receiver corresponding to the permissible error probability: 5% for MCS index = 0; 1% for MCS index = 1... 31	from minus 80 to 20 (dBm)
					initial channel frequency: 56.16 GHz	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1121					Omnidirectional antennas DMG stations	provided/not provided
					Channel numbers **(1,** 2, 3, 4)	Provided/Not provided
					Relative transmitter frequency instability	provided/not provided
					Transmitter constellation errors in MCS mode depending on the MCS scheme number	provided/not provided
					Transmitter constellation errors in OFDM RNU mode depending on the radio channel data rate, MCS scheme number, modulation type	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1121					Constellation error of the transmitter in SC mode RNU depending on the speed of information transmission via the radio channel, MCS scheme number, modulation type	provided/not provided
					BRP packets for tuning receiving and transmitting antennas during beam refinement	Provided/Not provided
					Golea sequences used in the preamble, SC RSU guard interval, and Beash refinement procedure: Gal 28(n), GbI28(n), Ga64(n), Gb64(n), Ga32(n), Gb32(n)	provided/not provided
					Golea sequences used for the Beash refinement procedure, transmitted using BPSK modulation with a phase shift of λ/2: Ga64, Gb64	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1121					Beam refinement process to improve the configuration of the transmission and reception antenna directional patterns	provided/not provided
					operation in DMG modes	provided/not provided
					DMG operating modes, physical layers (PL): SRN, SC PL, OFDM RNU, SC RNU with low POWER,	provided/not provided
					Coding rates (1/2, 5/8, 3/4, 13/14)	provided/not provided
					Coding rates, code word length, and number of data bits for LDPC code in OFDM mode RNU	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1121					Coding speed, code word length and number of data bits for LDPC code in SC RNU mode	provided/not provided
					chip transmission rate SRNU: 1760 MHz	provided/not provided
					SC chip transmission rate: 1760 MHz	provided/not provided
					scrambling of header and data fields	provided/not provided
					Beamforming connection after successful completion of BF training	enabled/disabled

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1121					Compliance with the transmitted signal spectrum mask	provided/not provided
					BRB packet composition (STF field, CE field, data field, training field containing AGC training field and receiver training field)	provided/not provided
					Coding technologies: four LDPC (Low-Density Parity-Check) codes, with different speeds and a total code word length of 672 bits; combination of an external RS (Read Solomon) code and a block code or SPC (single parity check) code (for low-power SC mode)	provided/not provided
					Narrow-beam antenna technology: Beamforming (formation of antenna directivity pattern)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1121					Physical level technology level (PNU): SC, OFDM	provided/not provided
					Receiver spurious emission levels (in the frequency ranges: 30 - 1000 MHz, 1000 - 132000 MHz)	from minus 80 to 20 (dBm)
					Transmitter spurious emission levels (in frequency ranges: 30 - 47 MHz, 47 - 74 MHz, 74-87.5 MHz, 87.5 - 118 MHz, 118 - 174 MHz, 174-230 MHz, 230 - 470 MHz, 470 - 862 MHz, 862 - 1000 MHz, 1000 - 132000 MHz)	from minus 80 to 20 (dBm)
					preamble format common to OFDM and SC packets	provided/not provided
					channel center frequency	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1121					Sampling frequency OFDM: 2640 MHz	provided/not provided
					Channel frequency spacing: 2160 MHz	Provided/Not provided
					Frequency spacing between subcarriers: 5.15625 MHz (2640 MHz/512)	provided/not provided
					four LDPC (Low-Density Parity-Check) codes with different speeds and a total code word length of 672 bits	provided/not provided
1.1122.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless transmission	Communication equipment; Computers and peripheral equipment;	26.30;26.20	8471;8528	modulation type (BPSK, QPSK, 16QAM, 64QAM, 256QAM, and 1024QAM)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	code	EAEU Foreign Economic Activity Code	Defined characteristic (indicator)	Detection range
1.1122.	data in the range from 30 MHz to 66 GHz (Order of the Ministry of Communications of Russia No. 124 dated September 14, 2010) Radio access equipment for 802.11ax standard TOS; Other research (testing); Other research (testing) methods without specification				Frequency range (2400 - 2483.5 MHz, 5150 - 5350 MHz, 5650 - 6425 MHz)	from 0.009 to 7500.000 (MHz)
					OFDMA symbol duration: 12.8 µs	provided/not provided
					additional technologies (OFDMA, DL MU MIMO, UL MU MIMO, Beamforming)	provided/not provided
					OFDMA guard interval (0.8 µs, 1.6 µs, 3.2 µs)	provided/not provided
					Number of modulation and coding schemes (MCS): 12 (0...11)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Detection range
1.1122						provided/not provided
					Number of subcarriers in channel (234, 468, 980, 980+980)	
					Maximum transmitter signal power	from minus 80 to 20 (dBm) from 0.00001 to 100,000.00000 (mW)
					maximum input signal level with packet error not exceeding 10%	from minus 80 to 20 (dBm)
					spectrum multiplexing methods; OFDM	provided/not provided
					transmitter signal constellation error vector module for various modulation methods and relative coding rates (BPSK 1/2, QPSK 1/2, QPSK 3/4, 16QAM 1/2, 16QAM 3/4, 64QAM 2/3, 64QAM 3/4,	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Coding determination range
1.1122.					64QAM 5/6, 256QAM 3/4, 256QAM 5/6, 1024QAM 3/4 and l024QAM 5/6) and various coding rates for OFDM mode	
					relative frequency instability (0.00002 in the 5 GHz and 6 GHz frequency ranges and no more than 0.000025 in the 2.4 GHz frequency range)	provided/not provided
					DL MU MIMO mode parameters (no more than 8 users simultaneously, no more than 4 spatial streams per user with a total number of spatial streams no more than 8)	provided/not provided
					channel interference suppression with a packet error rate of less than 10% and a signal level 3 dB above the sensitivity level for various modulation methods and relative speeds (BPSK 1/2,	from minus 80 to 20 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	kodokp 2	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.1122					QPSK 1/2, QPSK 3/4, 16QAM 1/2, 16QAM 3/4, 64QAM 2/3, 64QAM 3/4, 64QAM 5/6, 256QAM 3/4, 256QAM 5/6, 1024QAM 3/4 and l024QAM 5/6) and with channel spacing of 20 MHz, 40 MHz, 80 MHz, 160 MHz, and 80+80 MHz	
					support for the following parameters (optional): MSC 8 - **11** schemes (for AC); support for channel widths of 160 MHz and 80+80 MHz (optional for AC)	provided/not provided
					spacing between subcarriers (78 kHz, 125 kHz)	provided/not provided
					Radio channel data transfer rates (with a guard interval of 800 ns, 1600 ns or 3200 ns), corresponding modulation types (BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM), circuit numbers MCS and speeds	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1122.					Coding for: Nss=I - 8, with a channel bandwidth of 20 MHz for 234 subcarriers; with a channel bandwidth of 40 MHz for 468 subcarriers; with a channel bandwidth of 80 MHz for 980 subcarriers; with a channel bandwidth of 80+80 MHz for 980+980 subcarriers	
					Coding rate (1/2, 2/3, 3/4, and 5/6)	provided/not provided
					compliance with the spectrum mask of the transmitted signal at channel spacing of 20 MHz, 40 MHz, 80 MHz, 160 MHz, and 80+80 MHz	provided/not provided
					Coding technologies: binary weight coding and LDPC coding with parity check	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1122.					Levels of parasitic emissions of the receiver (in the frequency ranges: 30 - 1000 MHz, 1000-12750 MHz, 1000 - 26000 MHz)	from minus 80 to 20 (dBm)
					transmitter spurious emission levels (in frequency ranges: 30 - 1000 MHz, 1000- 12750 MHz, 1800 - 1900 MHz, 5150 - 5300 MHz, 30 - 47 MHz, 47 - 74 MHz, 74 - 87.5 MHz, 87.5 -118 MHz, 118-174 MHz, 174 - 230 MHz, 230- 470 MHz, 470 - 862 MHz, 862 - 100 MHz, 100 - 5150 MHz, 5350 - 5650 MHz, 6425 - 26000 MHz)	from minus 80 to 20 (dBm)
					number of MIMO streams: no more than 8, no less than 4 for BS and no less than 2 for AS	provided/not provided
					Receiver sensitivity for different modulation methods and relative coding rates (BPSK 1/2, QPSK 1/2, QPSK 3/4, 16QAM 1/2, 16QAM 3/4,	from minus 80 to 20 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1122					64QAM 2/3, 64QAM 3/4, 64QAM 5/6, 256QAM 3/4, 256QAM 5/6, 1024QAM 3/4 and 1024QAM 5/6) and with channel spacing of 20 MHz, 40 MHz, 80 MHz, 160 MHz, and 80+80 MHz	
					Channel width (20 MHz, 40 MHz, 80 MHz, 80+80 MHz, 160 MHz)	from 0.009 to 7500.000 (MHz)
1.1123.	Program and methodology for type conformity testing, approved by IC SPbGUT 1O.O1.2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the range from 30 MHz to 66 GHz (Order of the Ministry of Communications of Russia No. 124 dated 14.09.2010), Base station (BS) equipment of the 802.16 standard in the frequency range from 2 to **11** GHz; Other research (testing); methods of other	Communication equipment; Computers and peripheral equipment;	26.30; 26.20	8471;8528	256-point reverse Fourier transform in OFDM mode; inverse Fourier transform containing one number of points from the series: 128, 512, 1024, 2048, or inverse Fourier transform with a dynamically variable number of points from the series: 128, 512, 1024, 2048 (SOFDMA) in OFDMA mode	provided/not provided
					for a mobile broadband network additionally: support for the BS handover procedure mobile AS,	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS code	Characteristic being determined (Indicator)	Detection range
1.1123.	(tests) without specification				Maximum time Signal delay when switching a mobile AC from one BS to another BS is less than 200 ms, support for BS standby mode (sleep mode) operation of the AC	
					Permissible level of spurious emissions for Sca, OFDM, and OFDMA modes: minus 50 dBm in the frequency range from 30 MHz to 21.2 GHz, minus 30 dBm in the frequency range above 21.2 GHz	provided/not provided
					Permissible levels of spurious emissions for Sca, OFDM, OFDMA modes: minus 50 dBm, in the frequency range from 30 MHz to 21.2 GHz, minus 30 dBm, in the frequency range above 21.2 GHz	from minus 80 to 20 (dBm)
					maximum input signal level for Sca, OFDM, OFDMA modes	from minus 80 to 20 (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1123					Relative error Frequency settings for Sca, OFDM, OFDM modes	Ensured/Not ensured
					Signal-to-noise ratio at transmitter output for Sca mode	from minus 80 to 20 (dBm)
					modulation errors for various modulation methods (BPSK, QPSK, 16QAM, 64QAM, 256QAM) for Sca mode	provided/not provided
					Constellation error for various modulation methods and relative coding rates (BPSK 1/2, QPSK 1/2, QPSK 3/4, l6QAM 1/2, l6QAM 3/4, 64QAM 2/3, 64QAM 3/4) and various coding rates for OFDM mode	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1123					Constellation error of the transmitter (Constellation error) at various modulation methods and relative coding rates (QPSK 1/2, QPSK 3/4, l6QAM 1/2, l6QAM 3/4, 64QAM 1/2, 64QAM 2/3, 64QAM 3/4) and different coding rates for OFDM mode	provided/not provided
					OFDM mirror channel suppression	from minus 80 to 20 (dBm)
					suppression of interference from adjacent channels and spurious channels with **1** dB and 3 dB degradation: with error :S: 0.001 (for modulation methods: BPSK, QPSK, 1bQAM, 64QAM, 256QAM) for Sca mode; with error :S: 0.000001 (for modulation methods: 1bQAM, 64QAM) for OFDM mode; with error :S: 0.000001 (for methods	from minus 80 to 20 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1123.					Modulation: l6QAM, 64QAM) for OFDM mode	
					Frequency band	provided/not provided
					provision of LF channel resource completely or in separate frequency subchannels or groups of subchannels of the OFDM mode	provided/not provided
					operation in time division duplex (TDD) or frequency division duplex (FDD) mode; operation in half-duplex frequency division duplex (HFDD) mode	provided/not provided
					Operating modes: SCa (single carrier), OFDM (orthogonal frequency division multiplexing), OFDMA (orthogonal orthogonal access	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1123.					frequency compression)	
					Communication modes ("point-to-point" and "point-to-- -multipoint")	provided/not provided
					Compliance with the spectrum mask of the transmitted signal for Sca, OFDM, OFDMA operating modes	provided/not provided
					Carrier frequency modulation methods: BPSK (binary phase shift keying), QPSK (quadrature phase shift keying), 16QAM (16-position quadrature amplitude modulation), 64QAM (64-position quadrature amplitude modulation), 256QAM (256-position quadrature amplitude modulation, only in SCa mode)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1123.					Power control Transmitter radiation (dynamic range of transmitter power adjustment) BS: not less than 20 dB (minimum adjustment step I dB, but not more than 4 dB, relative error of adjustment step does not exceed ±25%) for SCa mode, not less than 10 dB (minimum adjustment step I dB, but not more than 4 dB, relative adjustment step error not exceeding ±50%) for OFDM mode, not less than 45 dB (minimum adjustment step I dB, but not more than 4 dB, relative adjustment step error not exceeding ±50%) for OFDMA mode	provided/not provided
					sensitivity of BS receivers for various modulation methods (BPSK, QPSK, l6QAM, 64QAM) and LF for	from minus 80 to 20 (dBm)

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1123.					Sca, OFDM, OFDMA operating modes	
					LF BS channel width (from MHz UP TO 28 MHz multiple of 0.25 MHz)	provided/not provided 1.25
1.1124.	Type conformity testing program and methodology, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the 30 MHz to 66 GHz band (Order of the Ministry of Communications of Russia No. 124 dated 14.09.2010), BS standard equipment 802.16 frequency range from 10 to 66 GHz; Other research (testing); methods of other research (testing) without specification	Communication equipment; Computers and peripheral equipment;	26.30; 26.20	8471;8528	Dynamic range receiver with QPSK modulation	provided/not provided
					dynamic range of transmitter output power adjustment: 40 dB	provided/not provided
					Permissible level of spurious emissions (minus 50 dBm, in the frequency range from 30 MHz to 21.2 GHz, minus 30 dBm, in the frequency range above 21.2 GHz)	provided/not provided -

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1124.					acceptable levels of spurious emissions: minus 50 dBm, in the frequency range from 30 MHz to 21.2 GHz, minus 30 dBm, in the frequency range above 21.2 GHz	provided/not provided
					Relative frequency instability	compliant/non-compliant
					modulation errors for various modulation methods (QPSK, 1bQAM, 64QAM)	provided/not provided
					Adjacent channel interference suppression at S error 0.000001 and at S error 0.000001 (for modulation methods: QPSK, 1bQAM, 64QAM) at 1 dB and 3 dB degradation	provided/not provided
					frequency band	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1124					Operation in duplex mode with time division (TDD) or frequency division (FDD); operation in half-duplex mode with frequency division (HFDD)	provided/not provided
					Operating mode: SC (single carrier)	provided/not provided
					Compliance of the emitted signal spectrum with the mask for various modulation methods (QPSK, 16QAM, 64QAM)	provided/not provided
					Carrier frequency modulation methods: QPSK (quadrature phase shift keying), 16QAM (16-position quadrature amplitude modulation), 64QAM (64-position quadrature amplitude modulation)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1124.					Sensitivity receivers at various modulation methods (QPSK, 16QAM, 64QAM), corresponding to a permissible error probability of 0.001 and 0.000001	Ensured/not ensured BS
					LF BS channel width (20 MHz, 25 MHz, 28 MHz)	provided/not provided
1.1125.	Type conformity testing program and methodology, approved by the SPbGUT IC 1O.O1.2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the 30 MHz to 66 GHz band (Order of the Ministry of Communications of Russia No. 124 of 14.09.2010), Subscriber station (AS) equipment of the 802.16 standard in the frequency range from 2 to **11** GHz; Other research (testing); methods of other	Communication equipment; Computers and peripheral equipment;	26.30; 26.20	8471;8528	256-point reverse Fourier transform in OFDM mode; inverse Fourier transform containing one number of points from the series: 128, 512, 1024, 2048, or inverse Fourier transform with a dynamically variable number of points from the range: 128, 512, 1024, 2048 (SOFDMA) in OFDMA mode	provided/not provided
					for a wideband mobile access network additionally: support for handover procedures mobile AC, support	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurement	Name of object	code 2	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1125.	(tests) without specification				standby mode (sleep mode) mode) of AS operation	
					Permissible level of spurious emissions for Sca, OFDM, OFDMA operating modes: minus 50 dBm, in the frequency range from 30 MHz to 21.2 GHz, minus 30 dBm, in the frequency range above 21.2 GHz	provided/not provided
					Permissible side emission levels for Sca, OFDM, OFDMA modes: minus 50 dBm in the frequency range from 30 MHz to 21.2 GHz, minus 30 dBm in the frequency range above 21.2 GHz dBm, in the frequency range from 30 MHz to 21.2 GHz, minus 30 dBm, in the frequency range above 21.2 GHz	from minus 80 to 20 (dBm)
					maximum input signal level for Sca, OFDM, OFDMA modes	from minus 80 to 20 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1125					Relative error Frequency settings for Sca, OFDM, OFDM modes	Ensured/Not ensured
					Signal-to-noise ratio at transmitter output for Sca mode	from minus 80 to 20 (dBm)
					modulation errors for various modulation methods (BPSK, QPSK, l6QAM, 64QAM, 256QAM) for Sca mode	provided/not provided
					Transmitter constellation error for various modulation methods and relative coding rates (BPSK 1/2, QPSK 1/2, QPSK 3/4, 1/2 QAM, 3/4 QAM, 2/3 64QAM, 3/4 64QAM) and various coding rates for OFDM mode	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1125.					Constellation error of the transmitter (Constellation error) at various modulation methods and relative coding rates (QPSK 1/2, QPSK 3/4, l6QAM 1/2, l6QAM 3/4, 64QAM 1/2, 64QAM 2/3, 64QAM 3/4) and different coding rates for OFDM mode	provided/not provided
					OFDM mirror channel suppression	from minus 80 to 20 (dBm)
					suppression of interference on the adjacent channel and spurious channels with degradation **of 1** dB and 3 dB: with error :S: 0.001 (for modulation methods: BPSK, QPSK, 1bQAM, 64QAM, 256QAM) for Sca mode; with an error :S: 0.000001 (for modulation methods: 1bQAM, 64QAM) for OFDM mode; with an error :S: 0.000001 (for	from minus 80 to 20 (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1125.					Modulation: l6QAM, 64QAM) for OFDM operating mode	
					Frequency band	provided/not provided
					provision of LF channel resource completely or in separate frequency subchannels or groups of subchannels of the OFDM mode	provided/not provided
					operation in time division duplex (TDD) or frequency division duplex (FDD) mode; operation in half-duplex frequency division duplex (HFDD) mode	provided/not provided
					communication mode: "point-to-point"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1125					Operating modes: SCa (single carrier), OFDM (orthogonal frequency division multiplexing), OFDMA (orthogonal frequency division multiple access)	provided/not provided
					Compliance with the spectrum mask of the emitted signal for operating modes Sca, OFDM, OFDM	compliant/non-compliant
					Carrier frequency modulation methods: BPSK (binary phase shift keying), QPSK (quadrature phase shift keying), 16QAM (16-position quadrature amplitude modulation), 64QAM (64-position quadrature amplitude modulation), 256QAM (256-position quadrature amplitude modulation, only in SCa mode)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1125.					Power control Transmitter radiation (dynamic range of transmitter power adjustment) AS: not less than 30 dB (minimum adjustment step I dB, but not more than 4 dB, relative error of adjustment step does not exceed ±25%) for SCa mode, not less than 30 dB (50 dB when using frequency subchannels, minimum adjustment step I dB) for OFDM mode, not less than 45 dB (minimum adjustment step I dB, but not more than 4 dB, relative adjustment step error not exceeding ±50%) for OFDMA mode	provided/not provided
					sensitivity of AC receivers for various modulation methods (BPSK, QPSK, l6QAM, 64QAM) and LF for Sca, OFDM, OFDMA	from minus 80 to 20 (dBm)

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1125.					LF AC channel width (from MHz to 28 MHz multiple of 0.25 MHz)	provided/not provided 1.25
1.1126.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center on January 10, 2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the 30 MHz to 66 GHz band (Order of the Ministry of Communications of Russia No. 124 dated 14.09.2010), AS equipment of the 802.16 standard in the frequency range from 10 to 66 GHz; Other research (testing); methods of other research (testing) without specification	Communication equipment; Computers and peripheral equipment;	26.30; 26.20	8471;8528	Dynamic range receiver with QPSK modulation	provided/not provided
					Dynamic range of transmitter output power adjustment: 40 dB	provided/not provided
					Permissible level of spurious emissions: minus 40 dBm in the frequency range from 30 MHz to 21.2 GHz, minus 30 dBm in the frequency range above 21.2 GHz	provided/not provided
					Permissible levels of spurious emissions: minus 40 dBm, in the frequency range from 30 MHz to 21.2 GHz, minus 30 dBm in the frequency range above 21.2 GHz	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1126.					Relative Frequency instability	provided/not provided
					modulation error for different modulation methods (QPSK, l6QAM, 64QAM)	provided/not provided
					suppression of interference on adjacent channels with an error of S 0.000001 and with an error of S 0.000001 (for modulation methods: QPSK, l6QAM, 64QAM,) at derr.da.u.i. 1 dB and 3 dB	provided/not provided
					Frequency band	provided/not provided
					Operation in time division duplex (TDD) or frequency division duplex (FDD) mode; operation in half-duplex frequency division duplex (H	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1126.					FDD)	
					Operating mode: SC (single carrier)	provided/not provided
					Compliance with the spectrum mask of the transmitted signal for various modulation methods (QPSK, 16QAM, 64QAM)	provided/not provided
					Carrier frequency modulation methods: QPSK (quadrature phase shift keying), 16QAM (16-position quadrature amplitude modulation), 64QAM (64-position quadrature amplitude modulation)	provided/not provided
					Sensitivity of AC receivers with different modulation methods (QPSK, 16QAM, 64QAM), corresponding to	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1126					Permissible probability of error 0.001 and 0.000001	
					LF AC channel width (20 MHz, 25 MHz, 28 MHz)	provided/not provided
1.1127.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the 30 MHz to 66 GHz range (Order of the Ministry of Communications of Russia No. 124 dated 14.09.2010), Radio access equipment transmitter for closed system technology (CST) wireless data transmission; Other research (testing); Methods of other research (testing) without specification	Communication equipment; Computers and peripheral equipment;	26.30;26.20	8471;8528	Permissible level of spurious emissions: (in frequency ranges: up to 470 MHz, 470 - 1690 MHz, 1690 - 2100 MHz, 2400 - 2483.5 MHz, 3400 - 43500 MHz)	from minus 80 to 20 (dBm)
					relative frequency instability (at frequencies: up to 470 MHz, 470 - 1690 MHz, 1690 - 2100 MHz, 2400 - 2483.5 MHz, 3400 - 3600 MHz, 5150 - 6425 MHz, 10150- 43500 MHz)	provided/not provided
					frequency bands for different emission classes at: amplitude-phase modulation, frequency modulation,	from 0.009 to 7500.000 (MHz)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.1127.					Phase manipulation	
					Compliance with the mask of the emitted signal spectrum in the frequency ranges 2400 - 2483.5 MHz with data transmission rates via radio channel 1; 2; 5.5; 6; 9; **11,** 22 Mbit/s	provided/not provided
					Compliance with the spectrum mask of the emitted signal for BPD TZS equipment operating in the frequency ranges 24.25 - 29.5 GHz, 40.5 - 43.5 GHz with various modulation methods (QPSK, 16QAM, 64QAM)	provided/not provided
					Compliance with the spectrum mask of the emitted signal for BPD TZS equipment operating in the frequency ranges 2400 - 2483.5 MHz with radio channel data transfer rates of 12; 18; 24; 36; 48; 54; 108 Mbit/s	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1127.					spectrum mask compliance emitted signal for BPD TZS equipment operating in the frequency ranges 3.4 - 3.6 GHz, 10.15 - 10.30 GHz, and 10.50–10.65 GHz with various modulation methods (QPSK, 16QAM, 64QAM)	ensured/not ensured
					Compliance with the spectrum mask of the emitted signal for BPD TZS equipment operating in the frequency range 5150-6425 MHz	ensured/not ensured
					Compliance with the spectrum mask of the emitted signal for BPD TZS equipment operating in the 5150-6425 MHz frequency range with radio channel data transfer rates of 6, 12, 18, 24, 36, 48, 54, 108 Mbit/s with a channel spacing of 20 MHz	provided/not provided
1.1128.	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 61. Verification methodology	Communication equipment; Computers and peripheral equipment;	26.30;26.20	8471;8528	Permissible level interference from adjacent channel 20 (dBm) under full load (at frequencies: up to 1690 MHz, 1690-2100 MHz, 2400 - 2483.5 MHz, 3400 - 3600	from minus 80 to

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU Foreign Economic Activity Code	Defined characteristic (indicator)	Detection range
1.1128.	compliance with radio access requirements for wireless data transmission in the range from 30 MHz to 66 GHz (Order of the Ministry of Communications of Russia No. 124 dated September 14, 2010), Radio access equipment receiver for BPD TZS;Other studies (tests); methods of other studies (tests) without specification				MHz, 5150 - 6425 MHz, 10150 - 43500 MHz)	
					Selectivity of the receiver on the mirror channel for equipment built on a superheterodyne circuit: 2': 70 dB	provided/not provided
					maximum input signal level (at frequencies: up to 1690 MHz, 1690 - 2100 MHz, 2400 - 2483.5 MHz, 3400 - 3600 MHz, 5150- 6425 MHz, 10150 - 43500 MHz)	from minus 80 to 20 (dBm)
					frequency band	provided/not provided
					receiver local oscillator emission level in the frequency range up to 470 MHz and in the frequency range 470 MHz - 43.5 GHz	from minus 80 to 20 (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.1128					Levels of parasitic emissions of the receiver at maximum load of the receiver (at frequencies: up to 470 MHz, 470-1690 MHz, 1690-2100 MHz, 2400-2483.5 MHz, 3400-3600 MHz, 5150 - 6425 MHz, 10150-43500 MHz)	from minus 80 to 20 (dBm)
					Receiver sensitivity at different channel frequency spacing, providing a bit error rate of 0.000001 in the frequency range from 10150 MHz to 10650 MHz (for modulation methods: QPSK, 16QAM, 64QAM) for different operating modes	provided/not provided
					Receiver sensitivity at different channel frequency spacing, providing a bit error rate of:::;0.000001, in the frequency range from 24350 MHz to 43500 MHz (for modulation methods: QPSK, 16QAM, 64QAM)	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Detection range
1.1128.					Sensitivity of the receiver at various information transfer rates, providing a bit error rate of SO,000001 in the frequency range: up to IOOO MHz, 1000-1350 MHz, 2400 - 22483.5 MHz, 3400 - 3600 MHz	provided/not provided
					Receiver sensitivity at various data rates, providing a bit error rate S IO % in the frequency range from 5150 MHz to 6425 MHz (for modulation methods: QPSK, 16QAM, 64QAM) for SC, OFDM, and OFDM modes	provided/not provided
					Receiver sensitivity ensuring a bit error rate S 0.000001 in the frequency range up to 1350 MHz	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1128					Receiver sensitivity ensuring an error rate of 0.01 in the frequency range from 1690 MHz to 2100 MHz (for modulation methods: BPSK, QPSK, 8PSK, 12QAM, 16QAM)	Provided/Not provided
1.1129.	Program and methodology confirmation tests type conformity, approved by the SPbGUT Information Center 1O.O1.2017. Appendix 61. Methodology for checking for compliance with for wireless data transmission in the range from 30 MHz to 66 GHz (order Ministry of Communications of Russia dated 14.09.2010 No. 124), Frequency adjustments frequency of BPD TZS; Other research (tests); methods of other research (testing) without specification	Equipment communication; Computers and peripherals equipment;	26.30;26.20	8471;8528	Discrete pseudorandom workstation configuration frequency of BPD TZS in within the permitted limits range	provided/not provided
					fixed radio frequency setting BPD TZS	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	OKPD CODE 2	EAEU HS CODE	Defined characteristic (indicator)	Determination range
1.1130	Program and methodology for type conformity testing, approved by the SPbGUT IC on January 10, 2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the 30 MHz to 66 GHz range (Order of the Ministry of Communications of Russia No. 124 dated 14.09.2010), Radio access equipment for BPD TZS operating in the 33.0 - 48.5 MHz, 57.0 - 57.5 MHz; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Computers and peripheral equipment;	26.30;26.20	8471;8528	Permissible level of spurious emissions	from minus 80 to 20 (dBm)
					Receiver selectivity on the mirror channel	from minus 80 to 20 (dBm)
					Receiver selectivity on the adjacent channel when the input signal level of the main channel is 3 dB above the minimum with an acceptable error probability of 0.001	from minus 80 to 20 (dBm)
					Maximum input signal level at an acceptable error probability of 0.001	from minus 80 to 20 (dBm)
					minimum signal level at the receiver input corresponding to an acceptable error probability of 0.001	from minus 80 to 20 (dBm)

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Definition range
1.1130.					Relative carrier frequency instability at the output of the transmission path (short-term value): 0.00002	provided/not provided
					frequency bands for different radiation classes	from 0.009 to 7500.000 (MHz)
					compliance with the spectrum width of the emitted signal at levels: minus 30 dB (control bandwidth) and minus 40 dB (out-of-band emissions)	from 0.009 to 7500.000 (MHz)
					level of spurious radio oscillations at the output of the transmission path: ::; 2.5 μW at transmitter carrier power transmitter carrier power ::; 25 W and ::o minus 70 dB (relative to the carrier power) at transmitter carrier power > 25 W	from minus 80 to 20 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1131	Program and methodology for type conformity testing, approved by the IC SPbGUT on 10.01.2017. Appendix 48. Methodology for verifying compliance with the requirements for the reliability parameters of technical and software means (Order of the Ministry of Communications and Mass Media of Russia No. 59 of 16.05.2006, No. 15.05.2007 No. 55, dated 19.06.2007 No. 67, dated 19.06.2007 No. 68), Reliability; Other research (testing); methods of other research (testing) without specification	Communication equipment;	26.30		Round-the-clock Equipment in operation	provided/not provided
					Reliability of hardware and software (10,000-100,000 hours)	provided/not provided
					Average equipment recovery time (5 - 120) min	provided/not provided
					Total equipment downtime (0.1-10) hours/year	provided/not provided
					Labor intensity of maintenance per unit of capacity (0.05 - **1)** hours/year	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1132	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the range from 30 MHz to 66 GHz (Order of the Ministry of Communications of Russia No. 124 dated 14.09.2010). Radio access equipment for ultra-narrowband low-power networks for the Internet of Things; Other research (testing); Other research (testing) methods without specification	Communication equipment; Computers and peripheral equipment;	26.30;26.20	8471;8528	Duplex type - frequency	provided/not provided
					modulation type for ultra-narrowband low-power networks for Internet of Things transport telematics systems: DBPSK	provided/not provided
					modulation type: DBPSK	provided/not provided
					Ability to receive signals across the entire frequency band on the uplink by all base stations	provided/not provided
					selection of transmission frequency on the uplink according to a pseudo-random law	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1132					Range of variation Transmission duration: from **1** to 4	provided/not provided
					Frequency range for the uplink (AC transmits, BS receives)	from 0.009 to 7500.000 (MHz)
					frequency range for the downlink (base station transmits, mobile station receives)	from 0.009 to 7500.000 (MHz)
					transmission duration: 2 s	provided/not provided
					bit error rate: :c; 0.001	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Detection range
1.1132.						provided/not provided
					Gain Antenna: 2': 5 dB for uplink, 2': 0 dB for downlink	
					Signal-to-interference ratio: 7 dB for uplink, 8 dB for downlink	Provided/Not provided
					Radio frequency band for ultra-narrowband low-power networks for the Internet of Things and transport telematics systems	0.009 to 7500.000 (MHz)
					Receiver threshold sensitivity	provided/not provided
					maximum permissible values of side radiation levels of AS, which includes a short-range auxiliary transceiver (NFC)	compliant/non-compliant

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Detection range
1.1132.						provided/not provided
					Operating cycle	
					Operating cycle: 1% for ascending line, 10% for descending line	Provided/Not provided
					Channel separation for ultra-narrowband low-power networks for the Internet of Things transport telematics systems: frequency	provided/not provided
					Compliance with the spectrum mask of the transmitted signal for the uplink	provided/not provided
					Compliance with the emitted signal spectrum mask for the downlink	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1132					Compliance with level mask Receiver blocking for the uplink	provided/not provided
					Compliance with the receiver blocking level mask for the downlink	provided/not provided
					Receiver sensitivity: for uplink, for downlink	provided/not provided
					frequency grid step: 100 Hz	provided/not provided
					radio frequency bandwidth	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1132.					Frequency band width Working channel: :::; 200 GHz	provided/not provided
					Frequency band width: 250 Hz for the uplink, 1 kHz for the downlink	provided/not provided
					Equivalent isotropically radiated power (EIRP) for ultra-narrowband low-power networks for the Internet of Things and transport telematics systems	from 0.00001 to 100,000.00000 (mW)
					equivalent isotropically radiated power (EIRP) of the transmitter: for the uplink, for Downlink	FROM 0.00001 TO 100000.00000 (mW)
1.1133.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 61. Methodology for verifying compliance with requirements for	Communication equipment; Computers and peripheral equipment;	26.30;26.20	8471;8528	antenna-feeder devices included in the radio access equipment for BPD	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1133	Radio access for wireless data transmission in the range from 30 MHz to 66 GHz (Order of the Ministry of Communications of Russia No. 124 dated 14.09.2010), Antenna feeder devices; Other research (testing); methods of other research (testing) without specification					
1.1134.	Program and methodology for type conformity testing, approved by the SPbGUT Testing Center 1O.O1.2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the 30 MHz to 66 GHz range (Order of the Ministry of Communications of Russia No. 124 dated September 14, 2010). Antenna amplifiers for the 2.4 GHz, 5 GHz, and 6 GHz frequency bands; Other research (testing); Methods of other research (testing) without specification	Communication equipment; Computers and peripheral equipment;	26.30; 26.20	8471;8528	Switching time "TRANSMIT-RECEIVE" and "RECEIVE-TRANSMIT" modes:::; **1** μs	provided/not provided
					input power switching modes "TRANSMIT-RECEIVE"	from minus 80 to 20 (dBm)
					Attenuation coefficient in the 2.4 GHz, 5 GHz, and 6 GHz frequency ranges relative to the average channel frequency	from minus 80 to 20 (dBm)

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.1134					Attenuation coefficient amplifier at frequencies (dBm) away from the average channel frequency by ±1.4 GHz: for the 2.4 GHz frequency band and for the 5 GHz and 6 GHz frequency bands	from minus 80 to 20
					signal power at antenna output amplifier, in "TRANSMISSION": in the 2.4 GHz, 5 GHz, 6 GHz and in the frequency range 5.15 - 5.25 GHz	FROM 0.00001 TO 100000.00000 (mW)
1.1135.	Program and methodology for type conformity testing, approved by the IC SPbGUT 1O.O1.2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the range from 30 MHz to 66 GHz (Order of the Ministry of Communications of Russia No. 124 of 14.09.2010), Frequency converters; Other research (testing); other methods	Communication equipment; Computers and peripheral equipment;	26.30;26.20	8471;8528	Switching time "TRANSMIT-RECEIVE" and "RECEIVE-TRANSMIT" modes:::; **1** μs	provided/not provided
					input power switching modes "TRANSMIT-RECEIVE"	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1135.	unspecified				Relative Converter local oscillator frequency instability: 0.00002	provided/not provided
					Compliance of the signal spectrum width emitted by the converter with the signal spectrum width at the converter input	Ensured/Not ensured
					Spectral components of out-of-band emissions at the converter output	from minus 80 to 20 (dBm)
					sideband radiation levels at the converter output: in the band from 30 MHz to 1 GHz and in the frequency band from 1 GHz to	from minus 80 to 20 (dBm)
1.1136.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 61. Methodology for verifying compliance with requirements for	Communication equipment; Computers and peripheral equipment;	26.30;26.20	8471;8528	use of the system GLONASS as a source of external synchronization	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1136	Radio access for wireless data transmission in the range from 30 MHz to 66 GHz (Order of the Ministry of Communications of Russia No. 124 dated 14.09.2010), Use of the GLONASS system; Other research (testing); Methods of other research (testing) without specification					
1.1137.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the 30 MHz to 66 GHz range (Order of the Ministry of Communications of Russia No. 124 dated September 14, 2010), Continuous indication; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Computers and peripheral equipment;	26.30;26.20	8471;8528	continuous indication current operating mode with indication of external synchronization source	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1138	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 61. Methodology for verifying compliance with radio access requirements for wireless data transmission in the 30 MHz to 66 GHz range (Order of the Ministry of Communications of Russia No. 124 dated 14.09.2010), List of radio access equipment interfaces for BPD; Other studies (tests); methods of other studies (tests) without specification	Communication equipment; Computers and peripheral equipment;	26.30;26.20	8471;8528	64 kbit/s interface	provided/not provided
					Linear path interface 2048 kbit/s (HDVZ code)	provided/not provided
					V5 interfaces to digital telephone stations	provided/not provided
					external synchronization interfaces	provided/not provided
					interfaces to equipment using asynchronous transfer mode	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1138					Interfaces to the transmission network using carrier sense and collision detection	Provided/Not provided
					interfaces to data transmission networks supporting IP protocols	provided/not provided
					Data transmission interfaces	provided/not provided
					interfaces for connection to a computer or other electronic digital device in the event of installation inside such a device	provided/not provided
					XDSL digital subscriber line interfaces	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Definition range
1.1138					Optical interfaces to Synchronous digital hierarchy equipment	provided/not provided
					Optical linear interface of the PDH digital hierarchy of subscriber access transmission systems	Provided/Not provided
					electrical interfaces of plesiochronous (PDH) and synchronous (SDH) equipment digital hierarchies	provided/not provided
1.1139.	Program and methodology for type conformity testing, approved by the IC SPbGUT on January 10, 2017. Appendix 48. Methodology for verifying compliance with reliability requirements for hardware and software (Order of the Ministry of Communications and Mass Media of Russia No. 59 dated May 16, 2006, No. 15.05.2007 No. 55, dated 19.06.2007 No. 67, dated 19.06.2007 No. 68),	Communication equipment;	26.30	8537	Round-the-clock Equipment in operation	provided/not provided
					Reliability of hardware and software (10,000-100,000 hours)	provided/not provided

N	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1139.	Reliability; Other studies (tests); methods of other studies (tests) without specification				Average time Equipment recovery (5 - 120) min	provided/not provided
					Total equipment downtime (0.1 - 1O) hours/year	provided/not provided
					Labor intensity of maintenance per unit of capacity (0.05 - **1)** hours/year	provided/not provided
1.1140.	Methodology for certification testing of satellite communication ground stations. Approved by the IC SPbGUT on May 29, 2017 (Order of the Ministry of Communications and Mass Media of Russia No. 99 dated August 22, 2007); Other research (testing); methods of other research (testing) without specification	Communication equipment;	26.30		System use control and management	provided/not provided
					Reception: 262.895-265.191 MHz; 387-390 MHz; 19,300-19,700 MHz; 3 400 - 4,200 MHz; 4,500 - 4 800 MHz; 10 700 - 12 750 MHz; 17,700-21,200 MHz.	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code 2	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1140					Limits for capacities Off-axis radiation limits apply to VSATs in a complete configuration consisting of indoor and outdoor units and a connecting cable with a length of at least 10 m.	provided/not provided
					Operation of the station with the GLONASS system	provided/not provided
					Operating frequency band Transmission: 259.516-264.527) MHz 312 - 315 MHz; 29,100-29,500 MHz; 5 725 - 7,025 MHz; 12,750 - 13 250 MHz; 13,750 - 14,500 MHz; 17,300–18,100 MHz; 27,500 - **31**,000 MHz.	provided/not provided
					Control and management functions implemented by VSAT	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1141	Certification testing methodology. Television and radio broadcasting equipment. Approved by the IC SPbGUT on 17.02.2016 (Orders of the Ministry of Communications and Mass Media of Russia dated 10.01.2006 No. **1**, dated 17.12.2007 No. 149, dated 24.01.2008 No. 7); Other research (testing); methods of other research (testing) without specification	Communication equipment;	26.30		Transmitter requirements	compliant/non-compliant
					television hybrid	compliant
					Requirements for digital television transmitters	complies/does not comply
1.1142.	Testing methodology for subscriber radio stations of TETRA standard mobile radio communication networks, approved by the SPbGUT Information Center on May 29, 2017 (Order of the Ministry of Communications and Mass Media of Russia No. 107 dated August 22, 2006); Other research (testing); methods of other research (testing) without specification	Communication equipment;	26.30		Performed via network	provided/not provided
					TETRA standard procedures for sending and receiving calls, establishing, maintaining, and terminating connections	
					Serial number availability	provided/not provided
					Ensuring stability of established connection	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Determination range
1.1143	Testing methodology for subscriber radio stations with analog modulation of mobile radio communication networks. Approved by the IC SPbGUT on 29.05.2017 (order of the Ministry of Communications and Mass Media of Russia No. 46 dated 12.04.2007); Other research (testing); methods of other research (testing) without specification	Communication equipment;	26.30		Frequency deviation transmitter (0.1-5) kHz	corresponds/does not complies
					Maximum and average effective radiated power (EIRP) of transmitters (1-100) W	complies/does not comply
					Transmitter carrier power (0.1-25) W	provided/not provided
					Transmitter frequency deviation from nominal value (0.1 -3) kHz	provided/not provided
					Transmitter radiation level in adjacent channel (minus 70 - minus 37) dBm	compliant/non-compliant

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Characteristic being determined (Indicator)	Determination range
1.1144	Testing methodology for subscriber radio stations from mobile radio telephone networks Approved by the IC SPbGUT on 29.05.2017 (order of the Ministry of Communications and Mass Media of Russia No. 61 dated 18.05.2006); Other research (testing); methods of other research (testing) without specification	Communication equipment;	26.30		Frequency range Transmission (453.0 - 457.4) MHz	corresponds/does not compliant
					Frequency range Reception (463.0 - 467.4) MHz	complies/does not comply
					Dialing and call initiation	provided/not provided
					Presence of electronic serial number	provided/not provided
					Display of menu items and encoding methods	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (Indicator)	Detection range
1.1144					RUIM card support	provided/not provided
					Support for mobile radio telephone network selection	Provided/Not provided
					Paging channel support	provided/not provided
					Handover support	provided/not provided
					Radio interface organization mode	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	**Name of object**	**code**	**EAEU HS code**	**Defined characteristic (indicator)**	**Determination range**
1.1144					Data transfer speeds (1 - 153.6) kbit/s	complies/does not compliant
					Power management	provided/not provided
					Connection control	provided/not provided
					Operation in telecommunications operators' networks	provided/not provided
					Radio interface characteristics	compliant/non-compliant

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1145	Certification testing methodology. Base stations and repeaters for radio access networks. Approved by ICSPbGUT 17.02.2016 (orders of the Ministry of Communications and Mass Media of Russia dated 18.10.2007 No. 119, dated 10.07.2007 No. 88); Other research (testing); methods of other research (testing) without specification	Communication equipment;	26.30		Protection unauthorized access	provided/not provided
					Envelope mask for out-of-band signal emissions	compliant/non-compliant
					Frequency bands	compliant/non-compliant
1.1146.	Certification testing methodology. Base stations and repeaters for mobile radio telephone systems. Approved by the IC SPbGUT on 17.02.2016. (Order Ministry of Information and Communications of Russia dated 28.11.2005 No. 134, dated 12.04.2007 No. 45); Other research (testing); methods of other research (testing) without specification	Communication equipment;	26.30		Frequency ranges	complies/does not complies
					The manufacturer's stated nominal output power of the standard BS transmitter is maintained with a tolerance of ±2 dB at NU and ±2.5 dB at EU	complies/does not comply

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1146.					BS transmitter power depending on time with 8-position phase modulation	complies/does not comply corresponds to
					BS transmitter power depending on time with Gaussian modulation with minimum shift	corresponds/does not correspond
					Ensuring the execution of an incoming call data transmission to a subscriber radio station	ensured/not ensured
					Ensuring the execution of an incoming voice call to a subscriber radio station	ensured/not ensured
					Ensuring that outgoing data calls from subscriber radio stations are completed	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1146					Ensuring compliance of outgoing voice calls from subscriber radio stations	ensured/not ensured
					Receiver sensitivity parameters of the base station in static propagation conditions	compliant/non-compliant
					BS receiver sensitivity parameters in multipath propagation conditions	complies/does not comply
					Transmission of information about the time parameters of a subscriber radio station (AR) to the switching equipment of a GSM mobile radio telephone network when determining the location of the AR based on measurements of the time parameters of base station subsystems (PBR)	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1146					Mutual suppression BS receiver modulation	compliant/non-compliant Complies
					Suppression of reception side channels and blocking	Complies/Does not comply
					Noise immunity of the BS receiver when exposed to co-channel interference and interference from adjacent channels	compliant/non-compliant
					Information transfer rates	complies/does not comply
1.1147.	Certification testing methodology. Antennas and feeder devices. Approved by the IC SPbGUT on 17.02.2016. (Order of the Ministry of Information and Communications of Russia No. 153 of 23.11.2006, Orders of the Ministry of Information and Communications of Russia No. 25 of 27.02.2007,	Communication equipment;	26.30		Subscriber antennas not correspond to radio stations (subscriber radio stations) networks mobile radio telephone communication	corresponds/does corresponds to

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	Code 2	TN VED EAEU code	Defined characteristic (indicator)	The determination range
1.1147.	27.02.2007 No. 26, dated 27.02.2007 No. 27, dated 15.08.2007 No. 98); Research research (testing); methods of research (testing) without specification				Antennas for base mobile radio telephone communication systems	corresponds/does not corresponds
					Antennas for satellite communication and broadcasting earth stations	complies/does not comply
					Antennas for radio relay communication systems	complies/does not comply
					Antennas and devices feeder line wireless multichannel distribution systems (MMDS), local multipoint distribution systems (LMDs) and multipoint video distribution systems video signal (MVDS)	compliant/non-compliant compliant

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1147					Antennas and devices feeder path for equipment used in terrestrial television and radio broadcasting systems	Compliant/Non-compliant
					Antennas and feeder line devices for radio access equipment for wireless data transmission	complies/does not comply
					Antennas and feeder line devices for radio communication equipment	complies/does not comply
					Outdoor receiving antennas for terrestrial television and radio broadcasting	compliant/non-compliant
					Radio frequency coaxial radiating cables	compliant/non-compliant

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1148	Testing methods for antenna amplifiers. Approved by the IC SPbGUT on 29.05.2017. (Order of the Ministry of Communications of Russia No. 79 dated 24.06.2009); Other research (testing); other research (testing) methods without specification	Communication equipment;	26.30		Output power signal (0.1 - 43) dBm	corresponds/does not compliant
					Operating frequency ranges 1920.0-1980.0 MHz 2110.0-2170.0 MHz 880 - 915 MHz 925 - 960 MHz 1710 - 1785 MHz 1805 - 1880 MHz	Compliant/Non-compliant
					Voltage standing wave ratio (0.3 - 2)	compliant/non-compliant
					Noise figure (0.1 - 3) dB	compliant/non-compliant
					Intermodulation interference level at the output of antenna amplifiers (minus 160 - minus 116) dBm	compliant/non-compliant

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Characteristic being determined (Indicator)	Determination range
1.1148					Input interference level comply with antenna amplifiers with dBm (730)	Complies/does not complies
1.1149.	Certification testing methodology Unattended container-type regeneration and amplification points. Approved by the IC SPbGUT on 17.02.2016 (order of the Ministry of Communications and Mass Media of Russia dated 07.02.2007 No. 17); Other research (testing); methods of other research (testing) without specification	Communication equipment;	26.30		Design options ground part depending on climatic conditions	Performed/not performed
					Composition	Performed/not performed
					Requirement for the height of rack-mounted equipment when placed in the underground part	compliant/non-compliant
					Requirements for underground section design options	Compliant/Non-compliant

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Definition range
1.1149					Design requirements underground section	Compliant/Non-compliant
					Requirements for the outer surface of the underground part	compliant/non-compliant
					Requirements for the equipment of the above-ground part	Compliant/Non-compliant
					Requirements for the underground section's equipment	compliant/non-compliant
					Requirements for maintaining airtightness in the underground section	compliant/non-compliant

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1150	Certification testing methodology. Radio relay communication equipment. Approved by the Information Center of St. Petersburg State University of Telecommunications on February 17, 2016 (Orders of the Ministry of Information and Communications of Russia No. 25 dated February 27, 2007, and No. 26 dated February 27, 2007). 27 February 2007 No. 26, dated 27 February 2007 No. 27, dated 15.08.2007 No. 98); Other research (testing); methods of other research (testing) without specification	Communication equipment;	26.30		Automatic return with from backup trunk to working trunk when working trunk signal is restored	provided/not provided
					Automatic switchover from working barrel to reserve barrel in case of failure of seamless switching equipment	provided/not provided
					Automatic transition from the working barrel to the reserve barrel in case of signal loss or failure of the working barrel equipment	provided/not provided
					Analog systems, receiving and transmitting equipment	compliant/non-compliant
					The system provides redundancy: Provided/not provided Seamless transition	provided/not provided

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1150					Return from reserve barrel to working barrel in case of backup barrel failure	provided/not provided
					Differential phase	compliant/non-compliant
					Differential amplification	complies/does not comply
					Permissible deviation of the effective power level from the nominal value when automatic power control is disabled	complies/does not comply
					Monitoring of the backup system operation, saving and displaying the status of radio trunks	provided/not provided

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Determination range
1.1150					Modem equipment analog-to-digital systems	Compliant/Non-compliant compliant
					Modem equipment: Pulse characteristic	compliant/non-compliant
					Nonlinear brightness signal distortion	complies/does not comply
					Deviation of the amplitude of the synchronizing pulses of the lines from the nominal value	compliant/non-compliant
					Relative unevenness of the flat part of rectangular field frequency pulses (deviation from the middle of the flat part of the pulse)	corresponds/does not correspond

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (Indicator)	Detection range
1.1150.					Relative Unevenness of the flat part of rectangular pulses of line frequency (deviation from the middle of the flat part of the pulse)	complies/does not comply corresponds to
					Cross distortion "color-brightness"	Complies/Does not comply
					SCI transceiver equipment	complies/does not comply
					Transceiver equipment: Frequency range O.Ob, 0.16, 0.4, 2, 4, 5, 6, 7, 8, 10, **11**, 13, 15, 18, 23, 26.2 8, 31,37,38 GHz	compliant/non-compliant
					Difference in brightness and color signal amplification	complies/does not comply

N No.	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS Code	Defined characteristic (indicator)	Determination range
1.1150					Time deviation between brightness and color signals	complies/does not comply corresponds
					Manual switchover from working table to backup during maintenance	provided/not provided
					Equipment redundancy system	provided/not provided
					Effective value of the modulating signal voltage at the input of the intermediate frequency modulator of the input/output equipment	corresponds/does not correspond
1.1151.	Certification testing methodology. Addition devices. Approved by the IC SPbGUT on 17.02.2016 (orders of the Ministry of Information and Communications of Russia dated 18.05.2006 No. 62, dated 30.05.2006 No. 69); Other research (testing);	Communication equipment;	26.30		Standing wave ratio not correspond to the voltage wave	corresponds/does corresponds

N P/P	Documents establishing rules and methods for research (testing) and measurements	Name of object	code	EAEU HS code	Defined characteristic (indicator)	Detection range
1.1151.	methods of other studies (tests) without specification				Input marking of the device	provided/not provided
					Unevenness of the amplitude-frequency characteristics of the addition device signals	Complies/Does not comply
					Nominal wave impedance of device inputs and outputs	complies/does not comply
					Transient attenuation between each pair of inputs of the summing device with matched loads on the other inputs and output	complies/does not comply
					Power loss between the corresponding input and output of the adder	complies/does not comply

Head of the Information Center of SPbGUT — Signed with an electronic signature — A.V. Zimin

Position of authorized person — Signature of authorized person — initials, surname of the authorized representative