

Sno.	3GPP specification number	Title	3GPP version number	TEC Standard Number
1	21.101	Technical Specifications and Technical Reports for a UTRAN-based 3GPP system	17.0.0	25890:2022
2	21.111	USIM and IC card requirements	17.0.0	25891:2022
3	21.201	Technical Specifications and Technical Reports for an Evolved Packet System (EPS) based 3GPP system	17.0.0	25892:2022
4	21.202	Technical Specifications and Technical Reports relating to the Common IP Multimedia Subsystem (IMS)	17.0.0	25893:2022
5	21.205	Technical Specifications and Technical Reports for a 5G based 3GPP system	17.0.0	25894:2022
6	22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	17.0.0	25895:2022
7	22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)	17.0.0	25896:2022
8	22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	17.0.0	25897:2022
9	22.004	General on supplementary services	17.0.0	25898:2022
10	22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	17.0.0	25899:2022
11	22.024	Description of Charge Advice Information (CAI)	17.0.0	25900:2022
12	22.030	Man-Machine Interface (MMI) of the User Equipment (UE)	17.0.0	25901:2022

13	22.031	3G Security; Fraud Information Gathering System (FIGS); Service description; Stage 1	17.0.0	25902:2022
14	22.032	Immediate Service Termination (IST); Service description; Stage 1	17.0.0	25903:2022
15	22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	17.0.0	25904:2022
16	22.038	(U)SIM Application Toolkit (USAT); Service description; Stage 1	17.0.0	25905:2022
17	22.041	Operator Determined Barring (ODB)	17.0.0	25906:2022
18	22.042	Network Identity and TimeZone (NITZ); Service description; Stage 1	17.0.0	25907:2022
19	22.053	Tandem Free Operation (TFO); Service description; Stage 1	17.0.0	25908:2022
20	22.057	Mobile Execution Environment (MExE); Service description; Stage 1	17.0.0	25909:2022
21	22.060	General Packet Radio Service (GPRS); Service description; Stage 1	17.0.0	25910:2022
22	22.066	Support of Mobile Number Portability (MNP); Service description; Stage 1	17.0.0	25911:2022
23	22.067	enhanced Multi Level Precedence and Pre-emption service (eMLPP); Stage 1	17.0.0	25912:2022
24	22.071	Location Services (LCS); Service description; Stage 1	17.0.0	25913:2022
25	22.072	Call Deflection (CD) service description; Stage 1	17.0.0	25914:2022
26	22.076	Noise suppression for the AMR codec; Service description; Stage 1	17.0.0	25915:2022
27	22.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1	17.0.0	25916:2022

28	22.081	Line Identification supplementary services; Stage 1	17.0.0	25917:2022
29	22.082	Call Forwarding (CF) Supplementary Services; Stage 1	17.0.0	25918:2022
30	22.083	Call Waiting (CW) and Call Holding (HOLD); Supplementary Services; Stage 1	17.0.0	25919:2022
31	22.084	MultiParty (MPTY) supplementary service; Stage 1	17.0.0	25920:2022
32	22.085	Closed User Group (CUG) supplementary services; Stage 1	17.0.0	25921:2022
33	22.086	Advice of Charge (AoC) supplementary services; Stage 1	17.0.0	25922:2022
34	22.087	User-to-User Signalling (UUS); Service description; Stage 1	17.0.0	25923:2022
35	22.088	Call Barring (CB) supplementary services; Stage 1	17.0.0	25924:2022
36	22.090	Unstructured Supplementary Service Data (USSD); Stage 1	17.0.0	25925:2022
37	22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	17.0.0	25926:2022
38	22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1	17.0.0	25927:2022
39	22.094	Follow Me service description; Stage 1	17.0.0	25928:2022
40	22.096	Name identification supplementary services; Stage 1	17.0.0	25929:2022
41	22.097	Multiple Subscriber Profile (MSP) Phase 2; Service description; Stage 1	17.0.0	25930:2022
42	22.105	Services and service capabilities	17.0.0	25931:2022
43	22.119	Maritime communication services over 3GPP system	17.0.0	25932:2022

44	22.129	Service aspects; Handover requirements between UTRAN and GERAN or other radio systems	17.0.0	25933:2022
45	22.135	Multicall; Service description; Stage 1	17.0.0	25934:2022
46	22.140	Multimedia Messaging Service (MMS); Stage 1	17.0.0	25935:2022
47	22.141	Presence service; Stage 1	17.0.0	25936:2022
48	22.142	Value Added Services (VAS) for Short Message Service (SMS) requirements	17.0.0	25937:2022
49	22.146	Multimedia Broadcast/Multicast Service (MBMS); Stage 1	17.0.0	25938:2022
50	22.173	IP Multimedia Core Network Subsystem (IMS) Multimedia Telephony Service and supplementary services; Stage 1	17.3.0	25939:2022
51	22.174	Push Service; Service aspects; Stage 1	17.0.0	25940:2022
52	22.179	Mission Critical Push to Talk (MCPTT); Stage 1	17.1.0	25941:2022
53	22.182	Customized Alerting Tones (CAT) requirements; Stage 1	17.0.0	25942:2022
54	22.183	Customized Ringing Signal (CRS) requirements; Stage 1	17.0.0	25943:2022
55	22.185	Service requirements for V2X services	17.0.0	25944:2022
56	22.186	Service requirements for enhanced V2X scenarios	17.0.0	25945:2022
57	22.220	Service requirements for Home Node B (HNB) and Home eNode B (HeNB)	17.0.0	25946:2022
58	22.226	Global Text Telephony (GTT); Stage 1	17.0.0	25947:2022
59	22.228	Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS); Stage 1	17.1.0	25948:2022
60	22.233	Transparent end-to-end packet-switched streaming service; Stage 1	17.0.0	25949:2022

61	22.24	Service requirements for 3GPP Generic User Profile (GUP); Stage 1	17.0.0	25950:2022
62	22.243	Speech recognition framework for automated voice services; Stage 1	17.0.0	25951:2022
63	22.246	Multimedia Broadcast/Multicast Service (MBMS) user services; Stage 1	17.0.0	25952:2022
64	22.25	IP Multimedia Subsystem (IMS) Group Management; Stage 1	17.0.0	25953:2022
65	22.259	Service requirements for Personal Network Management (PNM); Stage 1	17.0.0	25954:2022
66	22.262	Message service within the 5G System (5GS); Stage 1	17.1.0	25955:2022
67	22.263	Service requirements for Video, Imaging and Audio for Professional Applications (VIAPA)	17.4.0	25956:2022
68	22.278	Service requirements for the Evolved Packet System (EPS)	17.2.0	25957:2022
69	22.279	Combined Circuit Switched (CS) and IP Multimedia Subsystem (IMS) sessions; Stage 1	17.0.0	25958:2022
70	22.281	Mission Critical (MC) video	17.0.0	25959:2022
71	22.282	Mission Critical (MC) data	17.0.0	25960:2022
72	22.289	Mobile communication system for railways	17.0.0	25961:2022
73	22.34	IP Multimedia Subsystem (IMS) messaging; Stage 1	17.0.0	25962:2022
74	22.346	Isolated Evolved Universal Terrestrial Radio Access Network (E-UTRAN) operation for public safety; Stage 1	17.0.0	25963:2022
75	22.368	Service requirements for Machine-Type Communications (MTC); Stage 1	17.0.0	25964:2022

76	22.468	Group Communication System Enablers (GCSE)	17.0.1	25965:2022
77	22.519	Business communication requirements	17.0.0	25966:2022
78	23.002	Network architecture	17.0.0	25967:2022
79	23.003	Numbering, addressing and identification	17.5.0	25968:2022
80	23.007	Restoration procedures	17.4.1	25969:2022
81	23.008	Organization of subscriber data	17.1.0	25970:2022
82	23.009	Handover procedures	17.0.0	25971:2022
83	23.011	Technical realization of Supplementary Services	17.0.0	25972:2022
84	23.012	Location management procedures	17.0.0	25973:2022
85	23.014	Support of Dual Tone Multi-Frequency (DTMF) signalling	17.0.0	25974:2022
86	23.015	Technical realization of Operator Determined Barring (ODB)	17.0.0	25975:2022
87	23.016	Subscriber data management; Stage 2	17.0.0	25976:2022
88	23.018	Basic call handling; Technical realization	17.0.0	25977:2022
89	23.031	3G Security; Fraud Information Gathering System (FIGS); Technical realization; Stage 2	17.0.0	25978:2022
90	23.032	Universal Geographical Area Description (GAD)	17.2.0	25979:2022
91	23.034	High Speed Circuit Switched Data (HSCSD); Stage 2	17.0.0	25980:2022
92	23.035	Immediate Service Termination (IST); Stage 2	17.0.0	25981:2022
93	23.038	Alphabets and language-specific information	17.0.0	25982:2022
94	23.04	Technical realization of the Short Message Service (SMS)	17.2.0	25983:2022

95	23.042	Compression algorithm for text messaging services	17.0.0	25984:2022
96	23.053	Tandem Free Operation (TFO); Service description; Stage 2	17.0.0	25985:2022
97	23.057	Mobile Execution Environment (MExE); Functional description; Stage 2	17.0.0	25986:2022
98	23.06	General Packet Radio Service (GPRS); Service description; Stage 2	17.0.0	25987:2022
99	23.066	Support of Mobile Number Portability (MNP); Technical realization; Stage 2	17.0.0	25988:2022
100	23.067	enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2	17.0.0	25989:2022
101	23.072	Call Deflection (CD) supplementary service; Stage 2	17.0.0	25990:2022
102	23.078	Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 4; Stage 2	17.0.0	25991:2022
103	23.079	Support of Optimal Routeing (SOR); Technical realization	17.0.0	25992:2022
104	23.081	Line Identification supplementary services; Stage 2	17.0.0	25993:2022
105	23.082	Call Forwarding (CF) supplementary services; Stage 2	17.0.0	25994:2022
106	23.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 2	17.0.0	25995:2022
107	23.084	Multi Party (MPTY) supplementary service; Stage 2	17.0.0	25996:2022
108	23.085	Closed User Group (CUG) supplementary service; Stage 2	17.0.0	25997:2022
109	23.086	Advice of Charge (AoC) supplementary services; Stage 2	17.0.0	25998:2022

110	23.087	User-to-User Signalling (UUS) supplementary service; Stage 2	17.0.0	25999:2022
111	23.088	Call Barring (CB) Supplementary Services; Stage 2	17.0.0	26000:2022
112	23.09	Unstructured Supplementary Service Data (USSD); Stage 2	17.0.0	26001:2022
113	23.091	Explicit Call Transfer (ECT) supplementary service; Stage 2	17.0.0	26002:2022
114	23.094	Follow-Me (FM); Stage 2	17.0.0	26003:2022
115	23.096	Name identification supplementary services; Stage 2	17.0.0	26004:2022
116	23.097	Multiple Subscriber Profile (MSP) (Phase 2); Stage 2	17.0.0	26005:2022
117	23.101	General Universal Mobile Telecommunications System (UMTS) architecture	17.0.0	26006:2022
118	23.107	Quality of Service (QoS) concept and architecture	17.0.0	26007:2022
119	23.108	Mobile radio interface layer 3 specification, core network protocols; Stage 2	17.0.0	26008:2022
120	23.11	Universal Mobile Telecommunications System (UMTS) access stratum; Services and functions	17.0.0	26009:2022
121	23.116	Super-Charger technical realization; Stage 2	17.0.0	26010:2022
122	23.119	Gateway Location Register (GLR); Stage 2	17.0.0	26011:2022
123	23.122	Non-Access-Stratum (NAS) functions related to Mobile Station (MS) in idle mode	17.6.0	26012:2022

124	23.135	Multicall supplementary service; Stage 2	17.0.0	26013:2022
125	23.139	3GPP system - fixed broadband access network interworking; Stage 2	17.0.0	26014:2022
126	23.141	Presence service; Architecture and functional description	17.0.0	26015:2022
127	23.142	Value-added Services for SMS (VAS4SMS); Interface and signalling flow	17.0.0	26016:2022
128	23.146	Technical realization of facsimile Group 3 non-transparent	17.0.0	26017:2022
129	23.153	Out of band transcoder control; Stage 2	17.0.0	26018:2022
130	23.161	Network-Based IP Flow Mobility (NBIFOM); Stage 2	17.0.0	26019:2022
131	23.167	IP Multimedia Subsystem (IMS) emergency sessions	17.2.0	26020:2022
132	23.172	Technical realization of Circuit Switched (CS) multimedia service UDI/RDI fallback and service modification; Stage 2	17.0.0	26021:2022
133	23.202	Circuit switched data bearer services	17.0.0	26022:2022
134	23.203	Policy and charging control architecture	17.2.0	26023:2022
135	23.204	Support of Short Message Service (SMS) over generic 3GPP Internet Protocol (IP) access; Stage 2	17.0.0	26024:2022
136	23.205	Bearer-independent circuit-switched core network; Stage 2	17.0.0	26025:2022
137	23.207	End-to-end Quality of Service (QoS) concept and architecture	17.0.0	26026:2022
138	23.214	Architecture enhancements for control and user plane separation of EPC nodes	17.0.0	26027:2022

139	23.216	Single Radio Voice Call Continuity (SRVCC); Stage 2	17.0.0	26028:2022
140	23.218	IP Multimedia (IM) session handling; IM call model; Stage 2	17.0.0	26029:2022
141	23.221	Architectural requirements	17.0.0	26030:2022
142	23.226	Global text telephony (GTT); Stage 2	17.0.0	26031:2022
143	23.228	IP Multimedia Subsystem (IMS); Stage 2	17.3.0	26032:2022
144	23.231	SIP-I based circuit-switched core network; Stage 2	17.0.0	26033:2022
145	23.236	Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes	17.0.0	26034:2022
146	23.237	IP Multimedia Subsystem (IMS) Service Continuity; Stage 2	17.0.0	26035:2022
147	23.24	3GPP Generic User Profile (GUP); Architecture (Stage 2)	17.0.0	26036:2022
148	23.246	Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description	17.0.0	26037:2022
149	23.247	Architectural enhancements for 5G multicast-broadcast services	17.2.0	26038:2022
150	23.251	Network sharing; Architecture and functional description	17.0.0	26039:2022
151	23.256	Support of Uncrewed Aerial Systems (UAS) connectivity, identification and tracking; Stage 2	17.2.0	26040:2022
152	23.259	Personal Network Management (PNM); Procedures and information flows; Stage 2	17.0.0	26041:2022
153	23.261	IP flow mobility and seamless Wireless Local Area Network (WLAN) offload; Stage 2	17.0.0	26042:2022

154	23.271	Functional stage 2 description of Location Services (LCS)	17.0.0	26043:2022
155	23.272	Circuit Switched (CS) fallback in Evolved Packet System (EPS); Stage 2	17.0.0	26044:2022
156	23.273	5G System (5GS) Location Services (LCS); Stage 2	17.4.0	26045:2022
157	23.278	Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 4; Stage 2; IM CN Interworking	17.0.0	26046:2022
158	23.279	Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services; Stage 2	17.0.0	26047:2022
159	23.283	Mission Critical Communication Interworking with Land Mobile Radio Systems	17.3.0	26048:2022
160	23.284	Local Call Local Switch (LCLS); Stage 2	17.0.0	26049:2022
161	23.285	Architecture enhancements for V2X services	17.0.0	26050:2022
162	23.286	Application layer support for Vehicle-to-Everything (V2X) services; Functional architecture and information flows	17.3.0	26051:2022
163	23.287	Architecture enhancements for 5G System (5GS) to support Vehicle-to-Everything (V2X) services	17.2.0	26052:2022
164	23.288	Architecture enhancements for 5G System (5GS) to support network data analytics services	17.4.0	26053:2022
165	23.292	IP Multimedia Subsystem (IMS) centralized services; Stage 2	17.0.0	26054:2022
166	23.304	Proximity based Services (ProSe) in the 5G System (5GS)	17.2.1	26055:2022
167	23.316	Wireless and wireline convergence access support for the 5G System (5GS)	17.2.0	26056:2022

168	23.333	Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface: Procedures descriptions	17.1.0	26057:2022
169	23.334	IP Multimedia Subsystem (IMS) Application Level Gateway (IMS-ALG) - IMS Access Gateway (IMS-AGW) interface: Procedures descriptions	17.1.0	26058:2022
170	23.335	User Data Convergence (UDC); Technical realization and information flows; Stage 2	17.0.0	26059:2022
171	23.38	IMS Restoration Procedures	17.1.0	26060:2022
172	23.401	General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E- UTRAN) access	17.4.0	26061:2022
173	23.402	Architecture enhancements for non- 3GPP accesses	17.0.0	26062:2022
174	23.468	Group Communication System Enablers for LTE (GCSE_LTE); Stage 2	17.0.0	26063:2022
175	23.479	User Equipment (UE) Multimedia Broadcast / Multicast Service (MBMS) Application Programming Interfaces (APIs) for Mission Critical Services (MCX)	17.0.0	26064:2022
176	23.501	System architecture for the 5G System (5GS)	17.4.0	26065:2022
177	23.502	Procedures for the 5G System (5GS)	17.4.0	26066:2022
178	23.503	Policy and charging control framework for the 5G System (5GS); Stage 2	17.4.0	26067:2022
179	23.527	5G System; Restoration procedures	17.3.1	26068:2022

180	23.548	5G System Enhancements for Edge Computing; Stage 2	17.2.0	26069:2022
181	23.632	User data interworking, coexistence and migration; Stage 2	17.1.0	26070:2022
182	23.682	Architecture enhancements to facilitate communications with packet data networks and applications	17.2.0	26071:2022
183	24.002	GSM - UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	17.0.0	26072:2022
184	24.007	Mobile radio interface signalling layer 3; General Aspects	17.3.0	26073:2022
185	24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3	17.6.0	26074:2022
186	24.01	Mobile radio interface layer 3; Supplementary services specification; General aspects	17.0.0	26075:2022
187	24.011	Point-to-Point (PP) Short Message Service (SMS) support on mobile radio interface	17.1.0	26076:2022
188	24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices	17.0.0	26077:2022
189	24.03	Location Services (LCS); Supplementary service operations; Stage 3	17.0.0	26078:2022
190	24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3	17.0.0	26079:2022
191	24.072	Call Deflection (CD) supplementary service; Stage 3	17.0.0	26080:2022
192	24.08	Mobile radio interface layer 3 supplementary services specification; Formats and coding	17.3.0	26081:2022

193	24.081	Line Identification supplementary services; Stage 3	17.0.0	26082:2022
194	24.082	Call Forwarding (CF) supplementary services; Stage 3	17.0.0	26083:2022
195	24.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 3	17.0.0	26084:2022
196	24.084	Multi Party (MPTY) supplementary service; Stage 3	17.0.0	26085:2022
197	24.086	Advice of Charge (AoC) supplementary services; Stage 3	17.0.0	26086:2022
198	24.087	User-to-User Signalling (UUS) Supplementary Service; Stage 3	17.0.0	26087:2022
199	24.088	Call Barring (CB) supplementary service; Stage 3	17.0.0	26088:2022
200	24.09	Unstructured Supplementary Service Data (USSD); Stage 3	17.0.0	26089:2022
201	24.091	Explicit Call Transfer (ECT) supplementary service; Stage 3	17.0.0	26090:2022
202	24.093	Completion of Calls to Busy Subscriber (CCBS); Stage 3	17.0.0	26091:2022
203	24.096	Name Identification supplementary services; Stage 3	17.0.0	26092:2022
204	24.103	Telepresence using the IP Multimedia (IM) Core Network (CN) Subsystem (IMS); Stage 3	17.0.0	26093:2022
205	24.105	Application specific Congestion control for Data Communication (ACDC) Management Object (MO)	17.0.0	26094:2022
206	24.109	Bootstrapping interface (Ub) and network application function interface (Ua); Protocol details	17.1.0	26095:2022
207	24.116	Stage 3 aspects of system architecture enhancements for TV services	17.0.0	26096:2022

208	24.117	TV service configuration Management Object (MO)	17.0.0	26097:2022
209	24.135	Multicall supplementary service; Stage 3	17.0.0	26098:2022
210	24.139	3GPP system - fixed broadband access network interworking; Stage 3	17.0.0	26099:2022
211	24.141	Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	17.0.0	26100:2022
212	24.147	Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	17.0.0	26101:2022
213	24.161	Network-Based IP Flow Mobility (NBIFOM); Stage 3	17.0.0	26102:2022
214	24.166	3GPP IP Multimedia Subsystem (IMS) conferencing Management Object (MO)	17.0.0	26103:2022
215	24.167	3GPP IMS Management Object (MO); Stage 3	17.2.0	26104:2022
216	24.173	IMS Multimedia telephony communication service and supplementary services; Stage 3	17.2.0	26105:2022
217	24.174	Support of multi-device and multi-identity in the IP Multimedia Subsystem (IMS); Stage 3	17.5.0	26106:2022
218	24.175	Management Object (MO) for multi-device and multi-identity in the IP Multimedia Subsystem (IMS)	17.0.0	26107:2022
219	24.182	IP Multimedia Subsystem (IMS) Customized Alerting Tones (CAT); Protocol specification	17.1.0	26108:2022

220	24.183	IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS); Protocol specification	17.1.0	26109:2022
221	24.193	5G System;Access Traffic Steering, Switching and Splitting (ATSSS); Stage 3	17.4.1	26110:2022
222	24.196	Enhanced Calling Name (eCNAM)	17.0.0	26111:2022
223	24.216	Communication Continuity Management Object (MO)	17.0.0	26112:2022
224	24.229	IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3	17.6.1	26113:2022
225	24.237	IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) service continuity; Stage 3	17.1.1	26114:2022
226	24.238	Session Initiation Protocol (SIP) based user configuration; Stage 3	17.0.0	26115:2022
227	24.239	Flexible Alerting (FA) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification	17.0.0	26116:2022
228	24.244	Wireless LAN control plane protocol for trusted WLAN access to EPC; Stage 3	17.0.0	26117:2022
229	24.247	Messaging service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	17.0.0	26118:2022
230	24.25	Protocol for Reliable Data Service; Stage 3	17.0.0	26119:2022
231	24.257	Uncrewed Aerial System (UAS) Application Enabler (UAE) layer; Protocol aspects; Stage 3	17.0.0	26120:2022
232	24.259	Personal Network Management (PNM); Stage 3	17.0.0	26121:2022

233	24.275	Management Object (MO) for Basic Communication Part (BCP) of IMS Multimedia Telephony (MMTEL) communication service	17.0.0	26122:2022
234	24.279	Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services; Stage 3	17.0.0	26123:2022
235	24.282	Mission Critical Data (MCData) signalling control; Protocol specification	17.6.1	26124:2022
236	24.285	Allowed Closed Subscriber Group (CSG) list; Management Object (MO)	17.0.0	26125:2022
237	24.286	IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS); Management Object (MO)	17.0.0	26126:2022
238	24.292	IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS); Stage 3	17.0.0	26127:2022
239	24.294	IP Multimedia Subsystem (IMS) Centralized Services (ICS) protocol via I1 interface	17.0.0	26128:2022
240	24.301	Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS); Stage 3	17.6.0	26129:2022
241	24.302	Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks; Stage 3	17.4.0	26130:2022
242	24.303	Mobility management based on Dual-Stack Mobile IPv6; Stage 3	17.0.0	26131:2022
243	24.304	Mobility management based on Mobile IPv4; User Equipment (UE) - foreign agent interface; Stage 3	17.0.0	26132:2022
244	24.305	Selective Disabling of 3GPP User Equipment Capabilities (SDoUE) Management Object (MO)	17.0.0	26133:2022

245	24.312	Access Network Discovery and Selection Function (ANDSF) Management Object (MO)	17.0.0	26134:2022
246	24.315	IP Multimedia Subsystem (IMS) Operator Determined Barring (ODB); Stage 3: protocol specification	17.0.0	26135:2022
247	24.322	Tunnelling of IP Multimedia Subsystem (IMS) services over restrictive access networks; Stage 3	17.0.0	26136:2022
248	24.323	3GPP IP Multimedia Subsystem (IMS) service level tracing Management Object (MO)	17.0.0	26137:2022
249	24.333	Proximity-services (ProSe) Management Objects (MO)	17.0.0	26138:2022
250	24.334	Proximity-services (ProSe) User Equipment (UE) to ProSe function protocol aspects; Stage 3	17.2.0	26139:2022
251	24.337	IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) inter-UE transfer; Stage 3	17.0.0	26140:2022
252	24.341	Support of SMS over IP networks; Stage 3	17.1.0	26141:2022
253	24.368	Non-Access Stratum (NAS) configuration Management Object (MO)	17.2.0	26142:2022
254	24.379	Mission Critical Push To Talk (MCPTT) call control; Protocol specification	17.6.0	26143:2022
255	24.38	Mission Critical Push To Talk (MCPTT) media plane control; Protocol specification	17.6.0	26144:2022
256	24.385	V2X services Management Object (MO)	17.0.0	26145:2022
257	24.386	User Equipment (UE) to V2X control function; protocol aspects; Stage 3	17.0.0	26146:2022

258	24.39	Unstructured Supplementary Service Data (USSD) using IP Multimedia (IM) Core Network (CN) subsystem IMS; Stage 3	17.0.0	26147:2022
259	24.391	Unstructured Supplementary Service Data (USSD) using IP Multimedia (IM) Core Network (CN) subsystem (IMS) Management Object (MO)	17.0.0	26148:2022
260	24.417	Management Object (MO) for Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem	17.0.0	26149:2022
261	24.424	Management Object (MO) for Extensible Markup Language (XML) Configuration Access Protocol (XCAP) over the Ut interface for Manipulating Supplementary Services (SS)	17.2.0	26150:2022
262	24.481	Mission Critical Services (MCS) group management; Protocol specification	17.4.0	26151:2022
263	24.482	Mission Critical Services (MCS) identity management; Protocol specification	17.1.0	26152:2022
264	24.483	Mission Critical Services (MCS) Management Object (MO)	17.6.0	26153:2022
265	24.484	Mission Critical Services (MCS) configuration management; Protocol specification	17.5.0	26154:2022
266	24.486	Vehicle-to-Everything (V2X) Application Enabler (VAE) layer; Protocol aspects; Stage 3	17.3.0	26155:2022
267	24.501	Non-Access-Stratum (NAS) protocol for 5G System (5GS); Stage 3	17.6.1	26156:2022

268	24.502	Access to the 3GPP 5G Core Network (5GCN) via non-3GPP access networks	17.5.0	26157:2022
269	24.519	5G System (5GS); Time-Sensitive Networking (TSN) Application Function (AF) to Device-Side TSN Translator (DS-TT) and Network-Side TSN Translator (NW-TT) protocol aspects; Stage 3	17.1.0	26158:2022
270	24.523	Core and enterprise Next Generation Network (NGN) interaction scenarios; Architecture and functional description	17.0.0	26159:2022
271	24.524	Hosted enterprise services; Architecture, functional description and signalling	17.0.0	26160:2022
272	24.525	Business trunking; Architecture and functional description	17.0.0	26161:2022
273	24.535	5G System (5GS); Device-Side Time Sensitive Networking (TSN) Translator (DS-TT) to Network-Side TSN Translator (NW-TT) protocol aspects; Stage 3	17.2.0	26162:2022
274	24.539	5G System (5GS); Network to TSN translator (TT) protocol aspects; Stage 3	17.4.0	26163:2022
275	24.544	Group Management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification	17.2.0	26164:2022
276	24.545	Location Management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification	17.2.0	26165:2022
277	24.546	Configuration management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification	17.2.0	26166:2022
278	24.547	Identity management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification	17.1.0	26167:2022

279	24.548	Network Resource Management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification	17.0.0	26168:2022
280	24.549	Network slice capability enablement-Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification; Stage 3	17.0.0	26169:2022
281	24.554	Proximity-services (ProSe) in 5G System (5GS) protocol aspects; Stage 3	17.0.0	26170:2022
282	24.555	Proximity-services (ProSe) in 5G System (5GS); User Equipment (UE) policies; Stage 3	17.0.0	26171:2022
283	24.571	5G System (5GS); Control plane Location Services (LCS) procedures; Stage 3	17.1.0	26172:2022
284	24.581	Mission Critical Video (MCVideo) media plane control; Protocol specification	17.2.0	26173:2022
285	24.582	Mission Critical Data (MCDData) media plane control; Protocol specification	17.1.0	26174:2022
286	24.587	Vehicle-to-Everything (V2X) services in 5G System (5GS); Stage 3	17.5.0	26175:2022
287	24.588	Vehicle-to-Everything (V2X) services in 5G System (5GS); User Equipment (UE) policies; Stage 3	17.0.0	26176:2022
288	24.604	Communication Diversion (CDIV) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification	17.0.0	26177:2022
289	24.606	Message Waiting Indication (MWI) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification	17.0.0	26178:2022
290	24.607	Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia	17.0.0	26179:2022

		(IM) Core Network (CN) subsystem; Protocol specification		
291	24.608	Terminating Identification Presentation (TIP) and Terminating Identification Restriction (TIR) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification	17.0.0	26180:2022
292	24.61	Communication HOLD (HOLD) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification	17.0.0	26181:2022
293	24.611	Anonymous Communication Rejection (ACR) and Communication Barring (CB) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification	17.0.0	26182:2022
294	24.615	Communication Waiting (CW) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol Specification	17.0.0	26183:2022
295	24.616	Malicious Communication Identification (MCID) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification	17.0.0	26184:2022
296	24.623	Extensible Markup Language (XML) Configuration Access Protocol (XCAP) over the Ut interface for Manipulating Supplementary Services	17.2.0	26185:2022
297	24.628	Common Basic Communication procedures using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification	17.0.0	26186:2022
298	24.629	Explicit Communication Transfer (ECT) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification	17.0.0	26187:2022

299	24.642	Completion of Communications to Busy Subscriber (CCBS) and Completion of Communications by No Reply (CCNR) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification	17.0.0	26188:2022
300	24.647	Advice Of Charge (AOC) using IP Multimedia (IM) Core Network (CN) subsystem	17.0.0	26189:2022
301	24.654	Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem, Protocol Specification	17.0.0	26190:2022
302	25.101	User Equipment (UE) radio transmission and reception (FDD)	17.0.0	26191:2022
303	25.102	User Equipment (UE) radio transmission and reception (TDD)	17.0.0	26192:2022
304	25.105	Base Station (BS) radio transmission and reception (TDD)	17.0.0	26193:2022
305	25.106	UTRA repeater radio transmission and reception	17.0.0	26194:2022
306	25.111	Location Measurement Unit (LMU) performance specification; User Equipment (UE) positioning in UTRAN	17.0.0	26195:2022
307	25.113	Base station (BS) and repeater electromagnetic compatibility (EMC)	17.0.0	26196:2022
308	25.116	UTRA repeater radio transmission and reception (LCR TDD)	17.0.0	26197:2022
309	25.123	Requirements for support of radio resource management (TDD)	17.0.0	26198:2022
310	25.133	Requirements for support of radio resource management (FDD)	17.0.0	26199:2022
311	25.141	Base Station (BS) conformance testing (FDD)	17.0.0	26200:2022

312	25.142	Base Station (BS) conformance testing (TDD)	17.0.0	26201:2022
313	25.143	UTRA repeater conformance testing	17.0.0	26202:2022
314	25.153	UTRA repeater conformance testing (LCR TDD)	17.0.0	26203:2022
315	25.171	Requirements for support of Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD)	17.0.0	26204:2022
316	25.172	Requirements for support of Assisted Galileo and Additional Navigation Satellite Systems (A-GANSS) Frequency Division Duplex (FDD)	17.0.0	26205:2022
317	25.173	Requirements for support of Assisted Galileo and Additional Navigation Satellite Systems (A-GANSS) Time Division Duplex (TDD)	17.0.0	26206:2022
318	25.201	Physical layer - general description	17.0.0	26207:2022
319	25.202	7.68 Mcps Time Division Duplex (TDD) option; Overall description: Stage 2	17.0.0	26208:2022
320	25.211	Physical channels and mapping of transport channels onto physical channels (FDD)	17.0.0	26209:2022
321	25.212	Multiplexing and channel coding (FDD)	17.0.0	26210:2022
322	25.213	Spreading and modulation (FDD)	17.0.0	26211:2022
323	25.215	Physical layer; Measurements (FDD)	17.0.0	26212:2022
324	25.221	Physical channels and mapping of transport channels onto physical channels (TDD)	17.0.0	26213:2022
325	25.222	Multiplexing and channel coding (TDD)	17.0.0	26214:2022
326	25.223	Spreading and modulation (TDD)	17.0.0	26215:2022
327	25.224	Physical layer procedures (TDD)	17.0.0	26216:2022
328	25.225	Physical layer; Measurements (TDD)	17.0.0	26217:2022

329	25.3	Universal Terrestrial Radio Access Network (UTRAN); General description; Stage 2	17.0.0	26218:2022
330	25.301	Radio interface protocol architecture	17.0.0	26219:2022
331	25.302	Services provided by the physical layer	17.0.0	26220:2022
332	25.303	Interlayer procedures in Connected Mode	17.0.0	26221:2022
333	25.304	User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode	17.0.0	26222:2022
334	25.305	Stage 2 functional specification of User Equipment (UE) positioning in UTRAN	17.0.0	26223:2022
335	25.306	UE Radio Access capabilities	17.0.0	26224:2022
336	25.307	Requirements on User Equipments (UEs) supporting a release-independent frequency band	17.0.0	26225:2022
337	25.308	High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2	17.0.0	26226:2022
338	25.319	Enhanced uplink; Overall description; Stage 2	17.0.0	26227;2022
339	25.321	Medium Access Control (MAC) protocol specification	17.0.0	26228:2022
340	25.322	Radio Link Control (RLC) protocol specification	17.0.0	26229:2022
341	25.323	Packet Data Convergence Protocol (PDCP) specification	17.0.0	26230:2022
342	25.327	High Speed Packet Access (HSPA); Requirements on User Equipments (UEs) supporting a release-independent frequency band and multi-carrier configuration	17.0.0	26231:2022

343	25.331	Radio Resource Control (RRC); Protocol specification	17.0.0	26232:2022
344	25.346	Introduction of the Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN); Stage 2	17.0.0	26233:2022
345	25.367	Mobility procedures for Home Node B (HNB); Overall description; Stage 2	17.0.0	26234:2022
346	25.401	UTRAN overall description	17.0.0	26235:2022
347	25.402	Synchronisation in UTRAN Stage 2	17.0.0	26236:2022
348	25.41	UTRAN Iu interface: General aspects and principles	17.0.0	26237:2022
349	25.411	UTRAN Iu interface layer 1	17.0.0	26238:2022
350	25.412	UTRAN Iu interface signalling transport	17.0.0	26239:2022
351	25.413	UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling	17.0.0	26240:2022
352	25.414	UTRAN Iu interface data transport and transport signalling	17.0.0	26241:2022
353	25.415	UTRAN Iu interface user plane protocols	17.0.0	26242:2022
354	25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)	17.0.0	26243:2022
355	25.42	UTRAN Iur interface general aspects and principles	17.0.0	26244:2022
356	25.421	UTRAN Iur interface layer 1	17.0.0	26245:2022
357	25.422	UTRAN Iur interface signalling transport	17.0.0	26246:2022
358	25.423	UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling	17.0.0	26247:2022

359	25.424	UTRAN Iur interface data transport & transport signalling for Common Transport Channel data streams	17.0.0	26248:2022
360	25.425	UTRAN Iur interface user plane protocols for Common Transport Channel data streams	17.0.0	26249:2022
361	25.427	UTRAN Iub/Iur interface user plane protocol for DCH data streams	17.0.0	26250:2022
362	25.43	UTRAN Iub Interface: general aspects and principles	17.0.0	26251:2022
363	25.431	UTRAN Iub interface Layer 1	17.0.0	26252:2022
364	25.432	UTRAN Iub interface: signalling transport	17.0.0	26253:2022
365	25.433	UTRAN Iub interface Node B Application Part (NBAP) signalling	17.0.0	26254:2022
366	25.434	UTRAN Iub interface data transport and transport signalling for Common Transport Channel data streams	17.0.0	26255:2022
367	25.435	UTRAN Iub interface user plane protocols for Common Transport Channel data streams	17.0.0	26256:2022
368	25.442	UTRAN implementation-specific O&M transport	17.0.0	26257:2022
369	25.444	Iuh data transport	17.0.0	26258:2022
370	25.446	MBMS synchronisation protocol (SYNC)	17.0.0	26259:2022
371	25.45	UTRAN Iupc interface general aspects and principles	17.0.0	26260:2022
372	25.451	UTRAN Iupc interface layer 1	17.0.0	26261:2022
373	25.452	UTRAN Iupc interface: signalling transport	17.0.0	26262:2022

374	25.453	UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling	17.0.0	26263:2022
375	25.46	UTRAN Iuant interface: General aspects and principles	17.0.0	26264:2022
376	25.461	UTRAN Iuant interface: Layer 1	17.0.0	26265:2022
377	25.462	UTRAN Iuant interface: Signalling transport	17.0.0	26266:2022
378	25.466	UTRAN Iuant interface: Application part	17.0.0	26267:2022
379	25.467	UTRAN architecture for 3G Home Node B (HNB); Stage 2	17.0.0	26268:2022
380	25.469	UTRAN Iuh interface Home Node B (HNB) Application Part (HNBAP) signalling	17.0.0	26269:2022
381	25.47	UTRAN Iuh Interface PCAP User Adaption (PUA) signalling	17.0.0	26270:2022
382	25.471	UTRAN Iurh interface Radio Network Subsystem Application Part (RNSAP) User Adaption (RNA) signalling	17.0.0	26271:2022
383	25.484	Automatic Neighbour Relation (ANR) for UTRAN; Stage 2	17.0.0	26272:2022
384	26.071	Mandatory speech CODEC speech processing functions; AMR speech Codec; General description	17.0.0	26273:2022
385	26.073	ANSI-C code for the Adaptive Multi Rate (AMR) speech codec	17.0.0	26274:2022
386	26.077	Minimum performance requirements for Noise Suppressor; Application to the Adaptive Multi-Rate (AMR) speech encoder	17.0.0	26275:2022
387	26.09	Mandatory Speech Codec speech processing functions; Adaptive Multi-	17.0.0	26276:2022

		Rate (AMR) speech codec; Transcoding functions		
388	26.091	Mandatory Speech Codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec; Error concealment of lost frames	17.0.0	26277:2022
389	26.092	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec; Comfort noise aspects	17.0.0	26278:2022
390	26.093	Mandatory speech codec speech processing functions Adaptive Multi-Rate (AMR) speech codec; Source controlled rate operation	17.0.0	26279:2022
391	26.094	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec; Voice Activity Detector (VAD)	17.0.0	26280:2022
392	26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure	17.0.0	26281:2022
393	26.102	Mandatory speech codec; Adaptive Multi-Rate (AMR) speech codec; Interface to lu, Uu and Nb	17.0.0	26282:2022
394	26.103	Speech codec list for GSM and UMTS	17.0.0	26283:2022
395	26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec	17.0.0	26284:2022
396	26.11	Codec for circuit switched multimedia telephony service; General description	17.0.0	26285:2022

397	26.111	Codec for circuit switched multimedia telephony service; Modifications to H.324	17.0.0	26286:2022
398	26.114	IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction	17.4.0	26287:2022
399	26.115	Echo control for speech and multimedia services	17.0.0	26288:2022
400	26.116	Television (TV) over 3GPP services; Video profiles	17.0.0	26289:2022
401	26.117	5G Media Streaming (5GMS); Speech and audio profiles	17.0.0	26290:2022
402	26.131	Terminal acoustic characteristics for telephony; Requirements	17.1.1	26291:2022
403	26.132	Speech and video telephony terminal acoustic test specification	17.1.0	26292:2022
404	26.139	Real-time Transport Protocol (RTP) / RTP Control Protocol (RTCP) verification procedures	17.0.0	26293:2022
405	26.14	Multimedia Messaging Service (MMS); Media formats and codecs	17.0.0	26294:2022
406	26.141	IP Multimedia System (IMS) Messaging and Presence; Media formats and codecs	17.0.0	26295:2022
407	26.142	Dynamic and Interactive Multimedia Scenes (DIMS)	17.0.0	26296:2022
408	26.15	Syndicated Feed Reception (SFR) within 3GPP environments; Protocols and codecs	17.0.0	26297:2022
409	26.171	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; General description	17.0.0	26298:2022

410	26.173	ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-WB) speech codec	17.0.0	26299:2022
411	26.174	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec test sequences	17.0.0	26300:2022
412	26.177	Speech Enabled Services (SES); Distributed Speech Recognition (DSR) extended advanced front-end test sequences	17.0.0	26301:2022
413	26.179	Mission Critical Push To Talk (MCPTT); Codecs and media handling	17.0.0	26302:2022
414	26.19	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Transcoding functions	17.0.0	26303:2022
415	26.191	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Error concealment of erroneous or lost frames	17.0.0	26304:2022
416	26.192	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Comfort noise aspects	17.0.0	26305:2022
417	26.193	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Source controlled rate operation	17.0.0	26306:2022
418	26.194	Speech codec speech processing functions; Adaptive Multi-Rate -	17.0.0	26307:2022

		Wideband (AMR-WB) speech codec; Voice Activity Detector (VAD)		
419	26.201	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Frame structure	17.0.0	26308:2022
420	26.202	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Interface to Iu, Uu and Nb	17.0.0	26309:2022
421	26.223	Telepresence using the IP Multimedia Subsystem (IMS); Media handling and interaction	17.0.0	26310:2022
422	26.226	Cellular text telephone modem; General description	17.0.0	26311:2022
423	26.23	Cellular text telephone modem; Transmitter bit exact C-code	17.0.0	26312:2022
424	26.231	Cellular text telephone modem; Minimum performance requirements	17.0.0	26313:2022
425	26.234	Transparent end-to-end Packet- switched Streaming Service (PSS); Protocols and codecs	17.0.0	26314:2022
426	26.237	IP Multimedia Subsystem (IMS) based Packet Switch Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) User Service; Protocols	17.0.0	26315:2022
427	26.238	Uplink streaming	17.0.0	26316:2022
428	26.243	ANSI-C code for the fixed-point distributed speech recognition extended advanced front-end	17.0.0	26317:2022
429	26.244	Transparent end-to-end packet switched streaming service (PSS); 3GPP file format (3GP)	17.0.0	26318:2022

430	26.245	Transparent end-to-end Packet switched Streaming Service (PSS); Timed text format	17.0.0	26319:2022
431	26.246	Transparent end-to-end Packet-switched Streaming Service (PSS); 3GPP SMIL language profile	17.0.0	26320:2022
432	26.247	Transparent end-to-end Packet-switched Streaming Service (PSS); Progressive Download and Dynamic Adaptive Streaming over HTTP (3GP-DASH)	17.0.0	26321:2022
433	26.259	Subjective test methodologies for the evaluation of immersive audio systems	17.0.0	26322:2022
434	26.26	Objective test methodologies for the evaluation of immersive audio systems	17.0.0	26323:2022
435	26.267	eCall data transfer; In-band modem solution; General description	17.0.0	26324:2022
436	26.268	eCall data transfer; In-band modem solution; ANSI-C reference code	17.0.0	26325:2022
437	26.269	eCall data transfer; In-band modem solution; Conformance testing	17.0.0	26326:2022
438	26.273	ANSI-C code for the fixed-point Extended Adaptive Multi-Rate - Wideband (AMR-WB+) speech codec	17.0.0	26327:2022
439	26.274	Audio codec processing functions; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) speech codec; Conformance testing	17.0.0	26328:2022
440	26.281	Mission Critical Video (MCVideo); Codecs and media handling	17.0.0	26329:2022
441	26.29	Audio codec processing functions; Extended Adaptive Multi-Rate -	17.0.0	26330:2022

		Wideband (AMR-WB+) codec; Transcoding functions		
442	26.304	Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec; Floating- point ANSI-C code	17.0.0	26331:2022
443	26.307	Presentation layer for 3GPP services	17.0.0	26332:2022
444	26.346	Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs	17.0.0	26333:2022
445	26.347	Multimedia Broadcast/Multicast Service (MBMS); Application Programming Interface and URL	17.0.0	26334:2022
446	26.348	Northbound Application Programming Interface (API) for Multimedia Broadcast/Multicast Service (MBMS) at the xMB reference point	17.0.0	26335:2022
447	26.401	General audio codec audio processing functions; Enhanced aacPlus general audio codec; General description	17.0.0	26336:2022
448	26.402	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Additional decoder tools	17.0.0	26337:2022
449	26.403	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Advanced Audio Coding (AAC) part	17.0.0	26338:2022
450	26.404	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Enhanced aacPlus encoder Spectral Band Replication (SBR) part	17.0.0	26339:2022
451	26.406	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Conformance testing	17.0.0	26340:2022

452	26.41	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Floating-point ANSI-C code	17.0.0	26341:2022
453	26.411	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Fixed-point ANSI-C code	17.0.0	26342:2022
454	26.412	Source code for 3GP file format	17.0.0	26343:2022
455	26.43	Timed graphics	17.0.0	26344:2022
456	26.441	Codec for Enhanced Voice Services (EVS); General overview	17.0.0	26345:2022
457	26.442	Codec for Enhanced Voice Services (EVS); ANSI C code (fixed-point)	17.0.0	26346:2022
458	26.443	Codec for Enhanced Voice Services (EVS); ANSI C code (floating-point)	17.0.0	26347:2022
459	26.444	Codec for Enhanced Voice Services (EVS); Test sequences	17.0.0	26348:2022
460	26.445	Codec for Enhanced Voice Services (EVS); Detailed algorithmic description	17.0.0	26349:2022
461	26.446	Codec for Enhanced Voice Services (EVS); Adaptive Multi-Rate - Wideband (AMR-WB) backward compatible functions	17.0.0	26350:2022
462	26.448	Codec for Enhanced Voice Services (EVS); Jitter Buffer Management	17.0.0	26351:2022
463	26.449	Codec for Enhanced Voice Services (EVS); Comfort Noise Generation (CNG) aspects	17.0.0	26352:2022
464	26.45	Codec for Enhanced Voice Services (EVS); Discontinuous Transmission (DTX)	17.0.0	26353:2022

465	26.451	Codec for Enhanced Voice Services (EVS); Voice Activity Detection (VAD)	17.0.0	26354:2022
466	26.452	Codec for Enhanced Voice Services (EVS); ANSI C code; Alternative fixed-point using updated basic operators	17.0.0	26355:2022
467	26.453	Codec for Enhanced Voice Services (EVS); Speech codec frame structure	17.0.0	26356:2022
468	26.454	Codec for Enhanced Voice Services (EVS); Interface to lu, Uu, Nb and Mb	17.0.0	26357:2022
469	26.502	5G Multicast-Broadcast User Service Architecture	17.0.0	26358:2022
470	26.511	5G Media Streaming (5GMS); Profiles, codecs and formats	17.1.0	26359:2022
471	26.512	5G Media Streaming (5GMS); Protocols	17.0.0	26360:2022
472	27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	17.0.0	26361:2022
473	27.002	Terminal Adaptation Functions (TAF) for services using asynchronous bearer capabilities	17.0.0	26362:2022
474	27.003	Terminal Adaptation Functions (TAF) for services using synchronous bearer capabilities	17.0.0	26363:2022
475	27.005	Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE - DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)	17.0.0	26364:2022
476	27.007	AT command set for User Equipment (UE)	17.5.0	26365:2022
477	27.01	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol	17.0.0	26366:2022

478	27.06	Packet domain; Mobile Station (MS) supporting Packet Switched services	17.0.0	26367:2022
479	28.062	Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3	17.0.0	26368:2022
480	28.1	Management and orchestration; Levels of autonomous network	17.0.0	26369:2022
481	28.201	Charging management; Network slice performance and analytics charging in the 5G System (5GS); Stage 2	17.0.0	26370:2022
482	28.202	Charging management; Network slice management charging in the 5G System (5GS); Stage 2	17.0.0	26371:2022
483	28.302	Telecommunication management; Licensed Shared Access (LSA) Controller (LC) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26372:2022
484	28.303	Telecommunication management; Licensed Shared Access (LSA) Controller (LC) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26373:2022
485	28.304	Control and monitoring of Power, Energy and Environmental (PEE) parameters Integration Reference Point (IRP); Requirements	17.0.0	26374:2022
486	28.305	Control and monitoring of Power, Energy and Environmental (PEE) parameters Integration Reference Point (IRP); Information Service (IS)	17.0.0	26375:2022
487	28.306	Control and monitoring of Power, Energy and Environmental (PEE) parameters Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26376:2022

488	28.307	Telecommunication management; Quality of Experience (QoE) measurement collection Integration Reference Point (IRP); Requirements	17.0.0	26377:2022
489	28.308	Telecommunication management;Quality of Experience (QoE) measurement collection Integration Reference Point (IRP); Information Service (IS)	17.0.0	26378:2022
490	28.309	Management of Quality of Experience (QoE) measurement collection Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26379:2022
491	28.31	Management and orchestration; Energy efficiency of 5G	17.3.0	26380:2022
492	28.311	Management and orchestration; Network policy management for mobile networks based on Network Function Virtualization (NFV) scenarios	17.0.0	26381:2022
493	28.313	Management and orchestration; Self- Organizing Networks (SON) for 5G networks	17.4.0	26382:2022
494	28.314	Management and orchestration; Plug and Connect; Concepts and requirements	17.0.0	26383:2022
495	28.315	Management and orchestration; Plug and Connect; Procedure flows	17.0.0	26384:2022
496	28.316	Management and orchestration; Plug and Connect; Data formats	17.0.0	26385:2022
497	28.39	Telecommunication management; Fixed Mobile Convergence (FMC); Interface Integration Reference Point (IRP) Solution Profiles (SPs)	17.0.0	26386:2022

498	28.402	Telecommunication management; Performance Management (PM); Performance measurements for Evolved Packet Core (EPC) and non- 3GPP access interworking system	17.0.0	26387:2022
499	28.403	Telecommunication management; Performance Management (PM); Performance measurements for Wireless Local Area Network (WLAN)	17.0.0	26388:2022
500	28.404	Telecommunication management; Quality of Experience (QoE) measurement collection; Concepts, use cases and requirements	17.1.0	26389:2022
501	28.406	Telecommunication management; Quality of Experience (QoE) measurement collection; Information definition and transport	17.0.0	26390:2022
502	28.5	Telecommunication management; Management concept, architecture and requirements for mobile networks that include virtualized network functions	17.0.0	26391:2022
503	28.51	Telecommunication management; Configuration Management (CM) for mobile networks that include virtualized network functions; Requirements	17.0.0	26392:2022
504	28.511	Telecommunication management; Configuration Management (CM) for mobile networks that include virtualized network functions; Procedures	17.0.0	26393:2022
505	28.512	Telecommunication management; Configuration Management (CM) for	17.0.0	26394:2022

		mobile networks that include virtualized network functions; Stage 2		
506	28.513	Telecommunication management; Configuration Management (CM) for mobile networks that include virtualized network functions; Stage 3	17.0.0	26395:2022
507	28.515	Telecommunication management; Fault Management (FM) for mobile networks that include virtualized network functions; Requirements	17.0.0	26396:2022
508	28.516	Telecommunication management; Fault Management (FM) for mobile networks that include virtualized network functions; Procedures	17.0.0	26397:2022
509	28.517	Telecommunication management; Fault Management (FM) for mobile networks that include virtualized network functions; Stage 2	17.0.0	26398:2022
510	28.518	Telecommunication management; Fault Management (FM) for mobile networks that include virtualized network functions; Stage 3	17.0.0	26399:2022
511	28.52	Telecommunication management; Performance Management (PM) for mobile networks that include virtualized network functions; Requirements	17.0.0	26400:2022
512	28.521	Telecommunication management; Performance Management (PM) for mobile networks that include virtualized network functions; Procedures	17.0.0	26401:2022

513	28.522	Telecommunication management; Performance Management (PM) for mobile networks that include virtualized network functions; Stage 2	17.0.0	26402:2022
514	28.523	Telecommunication management; Performance Management (PM) for mobile networks that include virtualized network functions; Stage 3	17.0.0	26403:2022
515	28.525	Telecommunication management; Life Cycle Management (LCM) for mobile networks that include virtualized network functions; Requirements	17.0.0	26404:2022
516	28.526	Telecommunication management; Life Cycle Management (LCM) for mobile networks that include virtualized network functions; Procedures	17.0.0	26405:2022
517	28.527	Telecommunication management; Life Cycle Management (LCM) for mobile networks that include virtualized network functions; Stage 2	17.0.0	26406:2022
518	28.528	Telecommunication management; Life Cycle Management (LCM) for mobile networks that include virtualized network functions; Stage 3	17.0.0	26407:2022
519	28.53	Management and orchestration; Concepts, use cases and requirements	17.2.0	26408:2022
520	28.532	Management and orchestration; Generic management services	17.0.0	26409:2022
521	28.533	Management and orchestration; Architecture framework	17.2.0	26410:2022
522	28.535	Management and orchestration; Management services for	17.4.0	26411:2022

		communication service assurance; Requirements		
523	28.536	Management and orchestration; Management services for communication service assurance; Stage 2 and stage 3	17.2.0	26412:2022
524	28.537	Management and orchestration; Management capabilities	17.2.0	26413:2022
525	28.538	Management and orchestration; Edge Computing Management	17.0.0	26414:2022
526	28.54	Management and orchestration; 5G Network Resource Model (NRM); Stage 1	17.2.0	26415:2022
527	28.541	Management and orchestration; 5G Network Resource Model (NRM); Stage 2 and stage 3	17.6.0	26416:2022
528	28.545	Management and orchestration; Fault Supervision (FS)	17.0.0	26417:2022
529	28.55	Management and orchestration; Performance assurance	17.0.0	26418:2022
530	28.552	Management and orchestration; 5G performance measurements	17.6.0	26419:2022
531	28.554	Management and orchestration; 5G end to end Key Performance Indicators (KPI)	17.6.0	26420:2022
532	28.555	Management and orchestration; Network policy management for 5G mobile networks; Stage 1	17.0.0	26421:2022
533	28.556	Management and orchestration; Network policy management for 5G mobile networks; Stage 2 and stage 3	17.0.0	26422:2022

534	28.557	Management and orchestration; Management of Non-Public Networks (NPN); Stage 1 and stage 2	17.0.0	26423:2022
535	28.611	Telecommunication management; Evolved Packet Core (EPC) and non-3GPP access interworking system Network Resource Model (NRM) Integration Reference Point (IRP); Requirements	17.0.0	26424:2022
536	28.612	Telecommunication management; Evolved Packet Core (EPC) and non-3GPP access interworking system Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26425:2022
537	28.616	Telecommunication management; Evolved Packet Core (EPC) and non-3GPP access interworking system Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26426:2022
538	28.62	Telecommunication management; Fixed Mobile Convergence (FMC) Federated Network Information Model (FNIM) Umbrella Information Model (UIM)	17.0.0	26427:2022
539	28.622	Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)	17.1.1	26428:2022
540	28.623	Telecommunication management; Generic Network Resource Model	17.1.0	26429:2022

		(NRM) Integration Reference Point (IRP); Solution Set (SS) definitions		
541	28.624	Telecommunication management; State management data definition Integration Reference Point (IRP); Requirements	17.0.0	26430:2022
542	28.625	Telecommunication management; State management data definition Integration Reference Point (IRP); Information Service (IS)	17.0.0	26431:2022
543	28.626	Telecommunication management; State management data definition Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26432:2022
544	28.627	Telecommunication management; Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP); Requirements	17.0.0	26433:2022
545	28.628	Telecommunication management; Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26434:2022
546	28.629	Telecommunication management; Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26435:2022
547	28.631	Telecommunication management; Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements	17.0.0	26436:2022

548	28.632	Telecommunication management; Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26437:2022
549	28.633	Telecommunication management; Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26438:2022
550	28.651	Telecommunication management; Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements	17.0.0	26439:2022
551	28.652	Telecommunication management; Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26440:2022
552	28.653	Telecommunication management; Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26441:2022
553	28.654	Telecommunication management; GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements	17.0.0	26442:2022
554	28.655	Telecommunication management; GSM/EDGE Radio Access Network (GERAN) Network Resource Model	17.0.0	26443:2022

		(NRM) Integration Reference Point (IRP); Information Service (IS)		
555	28.656	Telecommunication management; GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26444:2022
556	28.657	Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements	17.0.0	26445:2022
557	28.658	Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26446:2022
558	28.661	Telecommunication management; Generic Radio Access Network (RAN) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements	17.0.0	26447:2022
559	28.662	Telecommunication management; Generic Radio Access Network (RAN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26448:2022
560	28.663	Telecommunication management; Generic Radio Access Network (RAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26449:2022

561	28.667	Telecommunication management; Radio Planning Tool Access (RPTA) Integration Reference Point (IRP); Requirements	17.0.0	26450:2022
562	28.668	Telecommunication management; Radio Planning Tool Access (RPTA) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26451:2022
563	28.669	Telecommunication management; Radio Planning Tool Access (RPTA) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26452:2022
564	28.671	Telecommunication management; Home Node B (HNB) Subsystem (HNS) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements	17.0.0	26453:2022
565	28.672	Telecommunication management; Home Node B (HNB) Subsystem (HNS) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26454:2022
566	28.673	Telecommunication management; Home Node B (HNB) Subsystem (HNS) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26455:2022
567	28.674	Telecommunication management; Home enhanced Node B (HeNB) Subsystem (HeNS) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements	17.0.0	26456:2022

568	28.675	Telecommunication management; Home enhanced Node B (HeNB) Subsystem (HeNS) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26457:2022
569	28.676	Telecommunication management; Home enhanced Node B (HeNB) Subsystem (HeNS) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26458:2022
570	28.68	Telecommunication management; Wireless Local Area Network (WLAN) management; Concepts and requirements	17.0.0	26459:2022
571	28.681	Telecommunication management; Wireless Local Area Network (WLAN) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements	17.0.0	26460:2022
572	28.682	Telecommunication management; Wireless Local Area Network (WLAN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26461:2022
573	28.683	Telecommunication management; Wireless Local Area Network (WLAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26462:2022
574	28.701	Telecommunication management; Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements	17.0.0	26463:2022

575	28.702	Telecommunication management; Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26464:2022
576	28.703	Telecommunication management; Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26465:2022
577	28.705	Telecommunication management; IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26466:2022
578	28.706	Telecommunication management; IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26467:2022
579	28.707	Telecommunication management; Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements	17.0.0	26468:2022
580	28.708	Telecommunication management; Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26469:2022
581	28.709	Telecommunication management; Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26470:2022

582	28.731	Telecommunication management; Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Requirements	17.0.0	26471:2022
583	28.732	Telecommunication management; Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26472:2022
584	28.733	Telecommunication management; Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26473:2022
585	28.734	Telecommunication management; Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Requirements	17.0.0	26474:2022
586	28.735	Telecommunication management; Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26475:2022
587	28.736	Telecommunication management; Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26476:2022
588	28.751	Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM)	17.0.0	26477:2022

		Integration Reference Point (IRP); Requirements		
589	28.752	Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26478:2022
590	28.753	Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26479:2022
591	29.002	Mobile Application Part (MAP) specification	17.1.0	26480:2022
592	29.007	General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	17.0.0	26481:2022
593	29.01	Information element mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MSC); Signalling Procedures and the Mobile Application Part (MAP)	17.0.0	26482:2022
594	29.011	Signalling Interworking for supplementary services	17.0.0	26483:2022
595	29.016	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification	17.0.0	26484:2022

596	29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	17.0.0	26485:2022
597	29.06	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface	17.2.0	26486:2022
598	29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)	17.6.0	26487:2022
599	29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase X; CAMEL Application Part (CAP) specification	17.0.0	26488:2022
600	29.079	Optimal media routing within the IP Multimedia Subsystem (IMS); Stage 3	17.0.0	26489:2022
601	29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface	17.0.0	26490:2022
602	29.109	Generic Authentication Architecture (GAA); Zh and Zn Interfaces based on the Diameter protocol; Stage 3	17.0.0	26491:2022
603	29.116	Representational state transfer over xMB reference point between content provider and BM-SC	17.1.0	26492:2022
604	29.118	Mobility Management Entity (MME) - Visitor Location Register (VLR) SGs interface specification	17.0.0	26493:2022
605	29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)	17.0.0	26494:2022

606	29.12	Mobile Application Part (MAP) specification for Gateway Location Register (GLR)	17.0.0	26495:2022
607	29.122	T8 reference point for Northbound APIs	17.5.0	26496:2022
608	29.128	Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) interfaces for interworking with packet data networks and applications	17.0.0	26497:2022
609	29.139	3GPP system - fixed broadband access network interworking; Home (e)Node B - security gateway interface	17.0.0	26498:2022
610	29.153	Service capability exposure functionality over Ns reference point	17.0.0	26499:2022
611	29.154	Service capability exposure functionality over Nt reference point	17.0.0	26500:2022
612	29.155	Traffic steering control; Representational State Transfer (REST) over St reference point	17.0.0	26501:2022
613	29.162	Interworking between the IM CN subsystem and IP networks	17.0.0	26502:2022
614	29.164	Interworking between the 3GPP CS domain with BICC or ISUP as signalling protocol and external SIP-I networks	17.0.0	26503:2022
615	29.165	Inter-IMS Network to Network Interface (NNI)	17.3.0	26504:2022
616	29.168	Cell Broadcast Centre interfaces with the Evolved Packet Core; Stage 3	17.1.0	26505:2022
617	29.171	Location Services (LCS); LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC); SLs interface	17.0.0	26506:2022

618	29.172	Location Services (LCS); Evolved Packet Core (EPC) LCS Protocol (ELP) between the Gateway Mobile Location Centre (GMLC) and the Mobile Management Entity (MME); SLg interface	17.0.0	26507:2022
619	29.173	Location Services (LCS); Diameter-based SLh interface for Control Plane LCS	17.0.0	26508:2022
620	29.201	Representational State Transfer (REST) reference point between Application Function (AF) and Protocol Converter (PC)	17.0.0	26509:2022
621	29.202	Signalling System No. 7 (SS7) signalling transport in core network; Stage 3	17.0.0	26510:2022
622	29.204	Signalling System No. 7 (SS7) security gateway; Architecture, functional description and protocol details	17.0.0	26511:2022
623	29.205	Application of Q.1900 series to bearer independent Circuit Switched (CS) core network architecture; Stage 3	17.0.0	26512:2022
624	29.212	Policy and Charging Control (PCC); Reference points	17.2.0	26513:2022
625	29.213	Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping	17.2.0	26514:2022
626	29.214	Policy and charging control over Rx reference point	17.3.0	26515:2022
627	29.215	Policy and Charging Control (PCC) over S9 reference point; Stage 3	17.0.0	26516:2022
628	29.217	Policy and Charging Control (PCC); Congestion reporting over Np reference point	17.0.0	26517:2022

629	29.219	Policy and charging control: Spending limit reporting over Sy reference point	17.0.0	26518:2022
630	29.222	Common API Framework for 3GPP Northbound APIs	17.4.0	26519:2022
631	29.228	IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents	17.1.0	26520:2022
632	29.229	Cx and Dx interfaces based on the Diameter protocol; Protocol details	17.1.0	26521:2022
633	29.231	Application of SIP-I Protocols to Circuit Switched (CS) core network architecture; Stage 3	17.0.0	26522:2022
634	29.232	Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3	17.0.0	26523:2022
635	29.235	Interworking between SIP-I based circuit-switched core network and other networks	17.0.0	26524:2022
636	29.238	Interconnection Border Control Functions (IBCF) - Transition Gateway (TrGW) interface, lx interface; Stage 3	17.0.0	26525:2022
637	29.24	3GPP Generic User Profile (GUP); Stage 3; Network	17.0.0	26526:2022
638	29.244	Interface between the Control Plane and the User Plane nodes	17.4.0	26527:2022
639	29.25	Nu reference point between SCEF and PFDf for sponsored data connectivity	17.0.0	26528:2022
640	29.251	Gw and Gwn reference point for sponsored data connectivity	17.2.0	26529:2022
641	29.255	Uncrewed Aerial System Service Supplier (USS) Services; Stage 3	17.0.0	26530:2022

642	29.256	Uncrewed Aerial Systems Network Function (UAS-NF); Aerial Management Services; Stage 3	17.0.0	26531:2022
643	29.257	Application layer support for Uncrewed Aerial System (UAS); UAS Application Enabler (UAE) Server Services; Stage 3	17.0.0	26532:2022
644	29.272	Evolved Packet System (EPS); Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol	17.2.0	26533:2022
645	29.273	Evolved Packet System (EPS); 3GPP EPS AAA interfaces	17.2.0	26534:2022
646	29.274	3GPP Evolved Packet System (EPS); Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C); Stage 3	17.5.0	26535:2022
647	29.275	Proxy Mobile IPv6 (PMIPv6) based Mobility and Tunnelling protocols; Stage 3	17.0.0	26536:2022
648	29.276	3GPP Evolved Packet System (EPS); Optimized handover procedures and protocols between E-UTRAN access and cdma2000 HRPD Access; Stage 3	17.0.0	26537:2022
649	29.277	Optimised handover procedures and protocol between EUTRAN access and non-3GPP accesses (S102); Stage 3	17.0.0	26538:2022
650	29.278	Customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 4; CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)	17.0.0	26539:2022
651	29.279	Mobile IPv4 (MIPv4) based mobility protocols; Stage 3	17.0.0	26540:2022

652	29.281	General Packet Radio System (GPRS) Tunnelling Protocol User Plane (GTPv1-U)	17.2.0	26541:2022
653	29.282	Mobile IPv6 vendor specific option format and usage within 3GPP	17.0.0	26542:2022
654	29.283	Diameter data management applications	17.0.0	26543:2022
655	29.292	Interworking between the IP Multimedia (IM) Core Network (CN) subsystem (IMS) and MSC Server for IMS Centralized Services (ICS)	17.0.0	26544:2022
656	29.303	Domain Name System Procedures; Stage 3	17.3.0	26545:2022
657	29.305	InterWorking Function (IWF) between MAP based and Diameter based interfaces	17.0.0	26546:2022
658	29.309	Bootstrapping Server Function (GBA BSF) Services	17.0.0	26547:2022
659	29.311	Service Level Interworking (SLI) for messaging services	17.0.0	26548:2022
660	29.328	IP Multimedia (IM) Subsystem Sh interface; Signalling flows and message contents	17.3.0	26549:2022
661	29.329	Sh interface based on the Diameter protocol; Protocol details	17.0.0	26550:2022
662	29.332	Media Gateway Control Function (MGCF) - IM Media Gateway; Mn interface	17.0.0	26551:2022
663	29.333	Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3	17.0.0	26552:2022

664	29.334	IMS Application Level Gateway (IMS-ALG) - IMS Access Gateway (IMS-AGW); Iq Interface; Stage 3	17.1.0	26553:2022
665	29.335	User Data Convergence (UDC); User data repository access protocol over the Ud interface; Stage 3	17.0.0	26554:2022
666	29.336	Home Subscriber Server (HSS) diameter interfaces for interworking with packet data networks and applications	17.3.0	26555:2022
667	29.337	Diameter-based T4 Interface for communications with packet data networks and applications	17.0.0	26556:2022
668	29.338	Diameter based protocols to support Short Message Service (SMS) capable Mobile Management Entities (MMEs)	17.0.0	26557:2022
669	29.343	Proximity-services (ProSe) function to ProSe application server aspects (PC2); Stage 3	17.0.0	26558:2022
670	29.344	Proximity-services (ProSe) function to Home Subscriber Server (HSS) aspects; Stage 3	17.0.0	26559:2022
671	29.364	IP Multimedia Subsystem (IMS) Application Server (AS) service data descriptions for AS interoperability	17.0.0	26560:2022
672	29.368	Tsp interface protocol between the MTC Interworking Function (MTC-IWF) and Service Capability Server (SCS)	17.0.0	26561:2022
673	29.379	Mission Critical Push To Talk (MCPTT) call control interworking with Land Mobile Radio (LMR) systems; Stage-3	17.4.0	26562:2022
674	29.38	Mission Critical Push To Talk (MCPTT) media plane control interworking with	17.0.0	26563:2022

		Land Mobile Radio (LMR) systems; Stage 3		
675	29.388	V2X Control Function to Home Subscriber Server (HSS) aspects (V4); Stage 3	17.0.0	26564:2022
676	29.389	Inter-V2X Control Function Signalling aspects (V6); Stage 3	17.0.0	26565:2022
677	29.405	Nq and Nq' Application Protocol (Nq- AP); Stage 3	17.0.0	26566:2022
678	29.413	Application of the NG Application Protocol (NGAP) to non-3GPP access	17.0.0	26567:2022
679	29.414	Core network Nb data transport and transport signalling	17.0.0	26568:2022
680	29.415	Core network Nb interface user plane protocols	17.0.0	26569:2022
681	29.468	Group Communication System Enablers for LTE (GCSE_LTE); MB2 reference point; Stage 3	17.1.0	26570:2022
682	29.486	V2X Application Enabler (VAE) Services; Stage 3	17.4.0	26571:2022
683	29.5	5G System; Technical Realization of Service Based Architecture; Stage 3	17.6.0	26572:2022
684	29.501	5G System; Principles and Guidelines for Services Definition; Stage 3	17.5.0	26573:2022
685	29.502	5G System; Session Management Services; Stage 3	17.4.0	26574:2022
686	29.503	5G System; Unified Data Management Services; Stage 3	17.6.0	26575:2022
687	29.504	5G System; Unified Data Repository Services; Stage 3	17.6.0	26576:2022
688	29.505	5G System; Usage of the Unified Data Repository services for Subscription Data; Stage 3	17.6.0	26577:2022

689	29.507	5G System; Access and Mobility Policy Control Service; Stage 3	17.6.0	26578:2022
690	29.509	5G System; Authentication Server Services; Stage 3	17.5.0	26579:2022
691	29.51	5G System; Network function repository services; Stage 3	17.5.0	26580:2022
692	29.511	5G System; Equipment Identity Register Services; Stage 3	17.2.0	26581:2022
693	29.512	5G System; Session Management Policy Control Service; Stage 3	17.6.0	26582:2022
694	29.513	5G System; Policy and Charging Control signalling flows and QoS parameter mapping; Stage 3	17.6.0	26583:2022
695	29.514	5G System; Policy Authorization Service; Stage 3	17.4.0	26584:2022
696	29.515	5G System; Gateway Mobile Location Services; Stage 3	17.4.0	26585:2022
697	29.517	5G System; Application Function Event Exposure Service; Stage 3	17.5.0	26586:2022
698	29.518	5G System; Access and Mobility Management Services; Stage 3	17.5.0	26587:2022
699	29.519	5G System; Usage of the Unified Data Repository Service for Policy Data, Application Data and Structured Data for Exposure; Stage 3	17.6.0	26588:2022
700	29.52	5G System; Network Data Analytics Services; Stage 3	17.6.0	26589:2022
701	29.521	5G System; Binding Support Management Service; Stage 3	17.4.0	26590:2022
702	29.522	5G System; Network Exposure Function Northbound APIs; Stage 3	17.5.0	26591:2022
703	29.523	5G System; Policy Control Event Exposure Service; Stage 3	17.6.0	26592:2022

704	29.524	5G System; Cause codes mapping between 5GC interfaces; Stage 3	17.3.0	26593:2022
705	29.525	5G System; UE Policy Control Service; Stage 3	17.6.0	26594:2022
706	29.526	5G System; Network Slice-Specific and SNPN Authentication and Authorization services; Stage 3	17.4.0	26595:2022
707	29.531	5G System; Network Slice Selection Services; Stage 3	17.4.0	26596:2022
708	29.532	5G System; 5G Multicast-Broadcast Session Management Services; Stage 3	17.0.0	26597:2022
709	29.535	5G System; AKMA Anchor Services; Stage 3	17.4.0	26598:2022
710	29.536	5G System; Network Slice Admission Control Services; Stage 3	17.0.0	26599:2022
711	29.538	Enabling MSGin5G Service; Application Programming Interfaces (API) specification; Stage 3	17.0.0	26600:2022
712	29.54	5G System; SMS Services; Stage 3	17.4.0	26601:2022
713	29.541	5G System; Network Exposure (NE) function services for Non-IP Data Delivery (NIDD); Stage 3	17.2.0	26602:2022
714	29.542	5G System; Session management services for Non-IP Data Delivery (NIDD); Stage 3	17.3.0	26603:2022
715	29.544	5G System; Secured Packet Application Function (SP-AF) services; Stage 3	17.2.0	26604:2022
716	29.549	Service Enabler Architecture Layer for Verticals (SEAL); Application Programming Interface (API) specification; Stage 3	17.4.0	26605:2022
717	29.55	5G System; Steering of roaming application function services; Stage 3	17.3.0	26606:2022

718	29.551	5G System; Packet Flow Description Management Service; Stage 3	17.6.0	26607:2022
719	29.552	5G System; Network Data Analytics signalling flows; Stage 3	17.0.0	26608:2022
720	29.554	5G System; Background Data Transfer Policy Control Service; Stage 3	17.3.0	26609:2022
721	29.555	5G System; 5G Direct Discovery Name Management Services; Stage 3	17.0.0	26610:2022
722	29.556	Edge Application Server Discovery Services; Stage 3	17.0.0	26611:2022
723	29.557	5G System; Application Function ProSe Service; Stage 3	17.0.0	26612:2022
724	29.561	5G System; Interworking between 5G Network and external Data Networks; Stage 3	17.5.0	26613:2022
725	29.563	5G System; Home Subscriber Server (HSS) services for interworking with Unified Data Management (UDM); Stage 3	17.4.0	26614:2022
726	29.564	5G System; User Plane Function Services; Stage 3	17.0.0	26615:2022
727	29.571	5G System; Common Data Types for Service Based Interfaces; Stage 3	17.5.0	26616:2022
728	29.572	5G System; Location Management Services; Stage 3	17.4.0	26617:2022
729	29.573	5G System; Public Land Mobile Network (PLMN) Interconnection; Stage 3	17.4.0	26618:2022
730	29.574	5G System; Data Collection Coordination Services; Stage 3	17.0.0	26619:2022
731	29.575	5G System; Analytics Data Repository Services; Stage 3	17.0.0	26620:2022

732	29.576	5G System; Messaging Framework Adaptor Services; Stage 3	17.0.0	26621:2022
733	29.582	Mission Critical Data (MCData) interworking with Land Mobile Radio (LMR) systems; Stage 3	17.3.0	26622:2022
734	29.591	5G System; Network Exposure Function Southbound Services; Stage 3	17.5.0	26623:2022
735	29.594	5G System; Spending Limit Control Service; Stage 3	17.3.0	26624:2022
736	29.598	Unstructured data storage services	17.5.0	26625:2022
737	29.641	3GPP Registry for Service Names and Port Numbers	17.0.0	26626:2022
738	29.673	5G System; UE radio capability management services; Stage 3	17.3.0	26627:2022
739	29.674	Interface between the UE radio Capability Management Function (UCMF) and the Mobility Management Entity (MME); Stage 3	17.0.0	26628:2022
740	29.675	User Equipment (UE) radio capability provisioning service; Stage 3	17.5.0	26629:2022
741	31.101	UICC-terminal interface; Physical and logical characteristics	17.0.0	26630:2022
742	31.102	Characteristics of the Universal Subscriber Identity Module (USIM) application	17.5.0	26631:2022
743	31.103	Characteristics of the IP Multimedia Services Identity Module (ISIM) application	17.0.0	26632:2022
744	31.104	Characteristics of the Hosting Party Subscription Identity Module (HPSIM) application	17.0.0	26633:2022
745	31.111	Universal Subscriber Identity Module (USIM) Application Toolkit (USAT)	17.3.0	26634:2022

746	31.115	Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications	17.0.0	26635:2022
747	31.12	UICC-terminal interface; Physical, electrical and logical test specification	17.0.0	26636:2022
748	31.122	Universal Subscriber Identity Module (USIM) conformance test specification	17.0.0	26637:2022
749	31.13	(U)SIM Application Programming Interface (API); (U)SIM API for Java™ Card	17.0.0	26638:2022
750	31.131	C-language binding to (U)SIM API	17.0.0	26639:2022
751	31.133	IP Multimedia Services Identity Module (ISIM) Application Programming Interface (API); ISIM API for Java Card™	17.0.0	26640:2022
752	31.213	Test specification for (U)SIM; Application Programming Interface (API) for Java Card™	17.0.0	26641:2022
753	31.22	Characteristics of the Contact Manager for 3GPP UICC applications	17.0.0	26642:2022
754	31.221	Contact Manager Application Programming Interface (API); Contact Manager API for Java Card	17.0.0	26643:2022
755	32.101	Telecommunication management; Principles and high level requirements	17.0.0	26644:2022
756	32.102	Telecommunication management; Architecture	17.0.0	26645:2022
757	32.103	Telecommunication management; Integration Reference Point (IRP) overview and usage guide	17.0.0	26646:2022
758	32.107	Telecommunication management; Fixed Mobile Convergence (FMC) Federated Network Information Model (FNIM)	17.0.0	26647:2022

759	32.121	Telecommunication management; Advanced Alarm Management (AAM) Integration Reference Point (IRP): Requirements	17.0.0	26648:2022
760	32.122	Telecommunication management; Advanced Alarm Management (AAM) Integration Reference Point (IRP): Information Service (IS)	17.0.0	26649:2022
761	32.126	Telecommunication management; Advanced Alarm Management (AAM) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26650:2022
762	32.13	Telecommunication management; Network sharing; Concepts and requirements	17.4.0	26651:2022
763	32.14	Telecommunication management; Subscription Management (SuM) requirements	17.0.0	26652:2022
764	32.141	Telecommunication management; Subscription Management (SuM) architecture	17.0.0	26653:2022
765	32.15	Telecommunication management; Integration Reference Point (IRP) Concept and definitions	17.0.0	26654:2022
766	32.153	Telecommunication management; Integration Reference Point (IRP) technology specific templates, rules and guidelines	17.0.0	26655:2022
767	32.154	Telecommunication management; Backward and Forward Compatibility (BFC); Concept and definitions	17.0.0	26656:2022
768	32.155	Telecommunication management; Requirements template	17.0.0	26657:2022

769	32.156	Telecommunication management; Fixed Mobile Convergence (FMC) model repertoire	17.0.0	26658:2022
770	32.157	Telecommunication management; Integration Reference Point (IRP) Information Service (IS) template	17.0.0	26659:2022
771	32.158	Management and orchestration;Design rules for REpresentational State Transfer (REST) Solution Sets (SS)	17.0.0	26660:2022
772	32.16	Management and orchestration; Management service template	17.3.0	26661:2022
773	32.181	Telecommunication management; User Data Convergence (UDC); Framework for Model Handling and Management	17.0.0	26662:2022
774	32.182	Telecommunication management; User Data Convergence (UDC); Common baseline information model (CBIM)	17.0.0	26663:2022
775	32.24	Telecommunication management; Charging management; Charging architecture and principles	17.5.0	26664:2022
776	32.25	Telecommunication management; Charging management; Circuit Switched (CS) domain charging	17.0.0	26665:2022
777	32.253	Telecommunication management; Charging management; Control Plane (CP) data transfer domain charging	17.0.0	26666:2022
778	32.254	Telecommunication management; Charging management; Exposure function Northbound Application Program Interfaces (APIs) charging	17.0.0	26667:2022
779	32.255	Telecommunication management; Charging management; 5G data connectivity domain charging; Stage 2	17.5.0	26668:2022

780	32.256	Charging management; 5G connection and mobility domain charging; Stage 2	17.0.0	26669:2022
781	32.26	Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging	17.2.0	26670:2022
782	32.27	Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging	17.0.0	26671:2022
783	32.271	Telecommunication management; Charging management; Location Services (LCS) charging	17.0.0	26672:2022
784	32.272	Telecommunication management; Charging management; Push-to-talk over Cellular (PoC) charging	17.0.0	26673:2022
785	32.273	Telecommunication management; Charging management; Multimedia Broadcast and Multicast Service (MBMS) charging	17.0.0	26674:2022
786	32.274	Telecommunication management; Charging management; Short Message Service (SMS) charging	17.0.0	26675:2022
787	32.275	Telecommunication management; Charging management; MultiMedia Telephony (MMTel) charging	17.3.0	26676:2022
788	32.276	Telecommunication management; Charging management; Voice Call Service (VCS) charging	17.0.0	26677:2022
789	32.277	Telecommunication management; Charging management; Proximity-based Services (ProSe) charging	17.1.0	26678:2022
790	32.278	Telecommunication management; Charging	17.0.0	26679:2022

		management;Monitoring event charging		
791	32.28	Telecommunication management; Charging management; Advice of Charge (AoC) service	17.0.0	26680:2022
792	32.281	Telecommunication management; Charging management; Announcement service	17.1.0	26681:2022
793	32.29	Telecommunication management; Charging management; 5G system; Services, operations and procedures of charging using Service Based Interface (SBI)	17.4.0	26682:2022
794	32.291	Telecommunication management; Charging management; 5G system, charging service; Stage 3	17.2.0	26683:2022
795	32.295	Telecommunication management; Charging management; Charging Data Record (CDR) transfer	17.0.0	26684:2022
796	32.296	Telecommunication management; Charging management; Online Charging System (OCS): Applications and interfaces	17.0.0	26685:2022
797	32.297	Telecommunication management; Charging management; Charging Data Record (CDR) file format and transfer	17.0.0	26686:2022
798	32.298	Telecommunication management; Charging management; Charging Data Record (CDR) parameter description	17.2.0	26687:2022
799	32.299	Telecommunication management; Charging management; Diameter charging applications	17.0.0	26688:2022

800	32.3	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects	17.0.0	26689:2022
801	32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); Requirements	17.0.0	26690:2022
802	32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); Information Service (IS)	17.0.0	26691:2022
803	32.306	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Solution Set (SS) definitions	17.0.0	26692:2022
804	32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements	17.0.0	26693:2022
805	32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)	17.0.0	26694:2022
806	32.316	Telecommunication management; Generic Integration Reference Point (IRP) management; Solution Set (SS) definitions	17.0.0	26695:2022
807	32.321	Telecommunication management; Test management Integration Reference Point (IRP); Requirements	17.0.0	26696:2022
808	32.322	Telecommunication management; Test management Integration Reference Point (IRP); Information Service (IS)	17.0.0	26697:2022

809	32.326	Telecommunication management; Test management Integration Reference Point (IRP): Solution Set (SS) definitions	17.0.0	26698:2022
810	32.331	Telecommunication management; Notification Log (NL) Integration Reference Point (IRP); Requirements	17.0.0	26699:2022
811	32.332	Telecommunication management; Notification Log (NL) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26700:2022
812	32.336	Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Solution Set (SS) definitions	17.0.0	26701:2022
813	32.341	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP); Requirements	17.0.0	26702:2022
814	32.346	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Solution Set (SS) definitions	17.0.0	26703:2022
815	32.351	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP); Requirements	17.0.0	26704:2022
816	32.352	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26705:2022
817	32.356	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26706:2022

818	32.361	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP); Requirements	17.0.0	26707:2022
819	32.362	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP); Information Service (IS)	17.0.0	26708:2022
820	32.366	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26709:2022
821	32.371	Telecommunication management; Security Management concept and requirements	17.0.0	26710:2022
822	32.372	Telecommunication management; Security services for Integration Reference Point (IRP); Information Service (IS)	17.0.0	26711:2022
823	32.376	Telecommunication management; Security services for Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26712:2022
824	32.381	Telecommunication management; Partial Suspension of Itf-N Integration Reference Point (IRP); Requirements	17.0.0	26713:2022
825	32.382	Telecommunication management; Partial Suspension of Itf-N Integration Reference Point (IRP); Information Service (IS)	17.0.0	26714:2022
826	32.386	Telecommunication management; Partial Suspension of Itf-N Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26715:2022

827	32.391	Telecommunication management; Delta synchronization Integration Reference Point (IRP); Requirements	17.0.0	26716:2022
828	32.392	Telecommunication management; Delta synchronization Integration Reference Point (IRP); Information Service (IS)	17.0.0	26717:2022
829	32.396	Telecommunication management; Delta synchronization Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26718:2022
830	32.401	Telecommunication management;Performance Management (PM);Concept and requirements	17.0.0	26719:2022
831	32.404	Telecommunication management; Performance Management (PM); Performance measurements; Definitions and template	17.0.0	26720:2022
832	32.405	Telecommunication management; Performance Management (PM); Performance measurements; Universal Terrestrial Radio Access Network (UTRAN)	17.0.0	26721:2022
833	32.407	Telecommunication management; Performance Management (PM); Performance measurements; Core Network (CN) Circuit Switched (CS) domain; UMTS and combined UMTS/GSM	17.0.0	26722:2022
834	32.408	Telecommunication management; Performance Management (PM);	17.0.0	26723:2022

		Performance measurements; Teleservice		
835	32.409	Telecommunication management; Performance Management (PM); Performance measurements; IP Multimedia Subsystem (IMS)	17.0.0	26724:2022
836	32.41	Telecommunication management; Key Performance Indicators (KPI) for UMTS and GSM	17.0.0	26725:2022
837	32.411	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements	17.0.0	26726:2022
838	32.412	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Information Service (IS)	17.0.0	26727:2022
839	32.416	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26728:2022
840	32.421	Telecommunication management; Subscriber and equipment trace; Trace concepts and requirements	17.3.0	26729:2022
841	32.422	Telecommunication management; Subscriber and equipment trace; Trace control and configuration management	17.6.1	26730:2022
842	32.423	Telecommunication management; Subscriber and equipment trace; Trace data definition and management	17.3.0	26731:2022
843	32.425	Telecommunication management; Performance Management (PM); Performance measurements Evolved	17.1.0	26732:2022

		Universal Terrestrial Radio Access Network (E-UTRAN)		
844	32.426	Telecommunication management; Performance Management (PM); Performance measurements Evolved Packet Core (EPC) network	17.0.0	26733:2022
845	32.432	Telecommunication management; Performance measurement: File format definition	17.0.0	26734:2022
846	32.435	Telecommunication management; Performance measurement; eXtensible Markup Language (XML) file format definition	17.0.0	26735:2022
847	32.436	Telecommunication management; Performance measurement: Abstract Syntax Notation 1 (ASN.1) file format definition	17.0.0	26736:2022
848	32.441	Telecommunication management; Trace Management Integration Reference Point (IRP); Requirements	17.0.0	26737:2022
849	32.442	Telecommunication management; Trace Management Integration Reference Point (IRP); Information Service (IS)	17.0.0	26738:2022
850	32.446	Telecommunication management; Trace Management Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26739:2022
851	32.45	Telecommunication management; Key Performance Indicators (KPI) for Evolved Universal Terrestrial Radio Access Network (E-UTRAN): Definitions	17.0.0	26740:2022

852	32.452	Telecommunication management; Performance Management (PM); Performance measurements Home Node B (HNB) Subsystem (HNS)	17.0.0	26741:2022
853	32.453	Telecommunication management; Performance Management (PM); Performance measurements Home enhanced Node B (HeNB) Subsystem (HeNS)	17.0.0	26742:2022
854	32.454	Telecommunication management; Key Performance Indicators (KPI) for the IP Multimedia Subsystem (IMS); Definitions	17.0.0	26743:2022
855	32.455	Telecommunication management; Key Performance Indicators (KPI) for the Evolved Packet Core (EPC); Definitions	17.0.0	26744:2022
856	32.5	Telecommunication management; Self- Organizing Networks (SON); Concepts and requirements	17.0.0	26745:2022
857	32.501	Telecommunication management; Self- configuration of network elements; Concepts and requirements	17.0.0	26746:2022
858	32.502	Telecommunication management; Self- configuration of network elements Integration Reference Point (IRP); Information Service (IS)	17.0.0	26747:2022
859	32.506	Telecommunication management; Self- configuration of network elements Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26748:2022
860	32.511	Telecommunication management; Automatic Neighbour Relation (ANR)	17.0.0	26749:2022

		management; Concepts and requirements		
861	32.531	Telecommunication management; Software management (SwM); Concepts and Integration Reference Point (IRP) Requirements	17.0.0	26750:2022
862	32.532	Telecommunication management; Software management (SwM); Integration Reference Point (IRP); Information Service (IS)	17.0.0	26751:2022
863	32.536	Telecommunication management; Software management Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26752:2022
864	32.541	Telecommunication management; Self-Organizing Networks (SON); Self-healing concepts and requirements	17.0.0	26753:2022
865	32.551	Telecommunication management; Energy Saving Management (ESM); Concepts and requirements	17.0.0	26754:2022
866	32.571	Telecommunication management; Home Node B (HNB) and Home eNode B (HeNB) management; Type 2 interface concepts and requirements	17.0.0	26755:2022
867	32.572	Telecommunication management; Home Node B (HNB) and Home eNode B (HeNB) management; Type 2 interface models and mapping functions	17.0.0	26756:2022
868	32.581	Telecommunication management; Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Concepts and	17.0.0	26757:2022

		requirements for Type 1 interface HNB to HNB Management System (HMS)		
869	32.582	Telecommunication management; Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Information model for Type 1 interface HNB to HNB Management System (HMS)	17.0.0	26758:2022
870	32.583	Telecommunication management; Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Procedure flows for Type 1 interface HNB to HNB Management System (HMS)	17.0.0	26759:2022
871	32.591	Telecommunication management; Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Concepts and requirements for Type 1 interface HeNB to HeNB Management System (HeMS)	17.0.0	26760:2022
872	32.592	Telecommunication management; Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Information model for Type 1 interface HeNB to HeNB Management System (HeMS)	17.0.0	26761:2022
873	32.593	Telecommunication management; Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Procedure flows for Type 1	17.0.0	26762:2022

		interface HeNB to HeNB Management System (HeMS)		
874	32.594	Telecommunication management; Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P); XML definitions for Type 1 interface HeNB to HeNB Management System (HeMS)	17.0.0	26763:2022
875	32.6	Telecommunication management; Configuration Management (CM); Concept and high-level requirements	17.0.0	26764:2022
876	32.601	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements	17.0.0	26765:2022
877	32.602	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Information Service (IS)	17.0.0	26766:2022
878	32.606	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26767:2022
879	32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements	17.0.0	26768:2022
880	32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)	17.0.0	26769:2022

881	32.616	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26770:2022
882	32.661	Telecommunication management; Configuration Management (CM); Kernel CM Requirements	17.0.0	26771:2022
883	32.662	Telecommunication management; Configuration Management (CM); Kernel CM Information Service (IS)	17.0.0	26772:2022
884	32.666	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP); Solution Set (SS) definitions	17.0.0	26773:2022
885	32.69	Telecommunication management; Inventory Management (IM); Requirements	17.0.0	26774:2022
886	33.105	3G Security; Cryptographic algorithm requirements	17.0.0	26775:2022
887	33.106	3G security; Lawful interception requirements	17.0.0	26776:2022
888	33.107	3G security; Lawful interception architecture and functions	17.0.0	26777:2022
889	33.108	3G security; Handover interface for Lawful Interception (LI)	17.0.0	26778:2022
890	33.11	Key establishment between a Universal Integrated Circuit Card (UICC) and a terminal	17.0.0	26779:2022
891	33.116	Security Assurance Specification (SCAS) for the MME network product class	17.0.0	26780:2022
892	33.117	Catalogue of general security assurance requirements	17.0.0	26781:2022

893	33.122	Security aspects of Common API Framework (CAPIF) for 3GPP northbound APIs	17.0.0	26782:2022
894	33.126	Lawful Interception requirements	17.2.0	26783:2022
895	33.127	Lawful Interception (LI) architecture and functions	17.4.0	26784:2022
896	33.128	Security; Protocol and procedures for Lawful Interception (LI); Stage 3	17.4.0	26785:2022
897	33.141	Presence service; Security	17.0.0	26786:2022
898	33.163	Battery Efficient Security for very low throughput Machine Type Communication (MTC) devices (BEST)	17.0.0	26787:2022
899	33.18	Security of the Mission Critical (MC) service	17.6.0	26788:2022
900	33.185	Security aspect for LTE support of Vehicle-to-Everything (V2X) services	17.0.0	26789:2022
901	33.187	Security aspects of Machine-Type Communications (MTC) and other mobile data applications communications enhancements	17.0.0	26790:2022
902	33.203	3G security; Access security for IP-based services	17.1.0	26791:2022
903	33.204	3G Security; Network Domain Security (NDS); Transaction Capabilities Application Part (TCAP) user security	17.0.0	26792:2022
904	33.21	Network Domain Security (NDS); IP network layer security	17.0.0	26793:2022
905	33.22	Generic Authentication Architecture (GAA); Generic Bootstrapping Architecture (GBA)	17.2.0	26794:2022

906	33.221	Generic Authentication Architecture (GAA); Support for subscriber certificates	17.0.0	26795:2022
907	33.222	Generic Authentication Architecture (GAA); Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS)	17.1.0	26796:2022
908	33.223	Generic Authentication Architecture (GAA); Generic Bootstrapping Architecture (GBA) Push function	17.1.0	26797:2022
909	33.224	Generic Authentication Architecture (GAA); Generic Bootstrapping Architecture (GBA) push layer	17.0.0	26798:2022
910	33.226	Security assurance for IP Multimedia Subsystem (IMS)	17.1.0	26799:2022
911	33.234	3G security; Wireless Local Area Network (WLAN) interworking security	17.0.0	26800:2022
912	33.246	3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS)	17.0.0	26801:2022
913	33.25	Security assurance specification for the PGW network product class	17.0.0	26802:2022
914	33.256	Security aspects of Uncrewed Aerial Systems (UAS)	17.0.0	26803:2022
915	33.259	Key establishment between a UICC hosting device and a remote device	17.0.0	26804:2022
916	33.303	Proximity-based Services (ProSe); Security aspects	17.0.0	26805:2022
917	33.31	Network Domain Security (NDS); Authentication Framework (AF)	17.2.0	26806:2022
918	33.32	Security of Home Node B (HNB) / Home evolved Node B (HeNB)	17.0.0	26807:2022

919	33.326	Security Assurance Specification (SCAS) for the Network Slice-Specific Authentication and Authorization Function (NSSAAF) network product class	17.0.0	26808:2022
920	33.328	IP Multimedia Subsystem (IMS) media plane security	17.1.0	26809:2022
921	33.401	3GPP System Architecture Evolution (SAE); Security architecture	17.1.0	26810:2022
922	33.402	3GPP System Architecture Evolution (SAE); Security aspects of non-3GPP accesses	17.0.0	26811:2022
923	33.434	Security aspects of Service Enabler Architecture Layer (SEAL) for verticals	17.1.0	26812:2022
924	33.511	Security Assurance Specification (SCAS) for the next generation Node B (gNodeB) network product class	17.1.0	26813:2022
925	33.512	5G Security Assurance Specification (SCAS); Access and Mobility management Function (AMF)	17.3.0	26814:2022
926	33.513	5G Security Assurance Specification (SCAS); User Plane Function (UPF)	17.0.0	26815:2022
927	33.514	5G Security Assurance Specification (SCAS) for the Unified Data Management (UDM) network product class	17.0.0	26816:2022
928	33.515	5G Security Assurance Specification (SCAS) for the Session Management Function (SMF) network product class	17.0.0	26817:2022
929	33.516	5G Security Assurance Specification (SCAS) for the Authentication Server Function (AUSF) network product class	17.0.0	26818:2022

930	33.517	5G Security Assurance Specification (SCAS) for the Security Edge Protection Proxy (SEPP) network product class	17.0.0	26819:2022
931	33.518	5G Security Assurance Specification (SCAS) for the Network Repository Function (NRF) network product class	17.0.0	26820:2022
932	33.519	5G Security Assurance Specification (SCAS) for the Network Exposure Function (NEF) network product class	17.0.0	26821:2022
933	33.521	5G Security Assurance Specification (SCAS); Network Data Analytics Function (NWDAF)	17.1.0	26822:2022
934	33.522	5G Security Assurance Specification (SCAS); Service Communication Proxy (SCP)	17.1.0	26823:2022
935	33.535	Authentication and Key Management for Applications (AKMA) based on 3GPP credentials in the 5G System (5GS)	17.5.0	26824:2022
936	33.536	Security aspects of 3GPP support for advanced Vehicle-to-Everything (V2X) services	17.0.0	26825:2022
937	33.558	Security aspects of enhancement of support for enabling edge applications	17.0.0	26826:2022
938	34.109	Terminal logical test interface; Special conformance testing functions	17.0.0	26827:2022
939	34.131	Test Specification for C-language binding to (Universal) Subscriber Interface Module ((U)SIM) Application Programming Interface (API)	17.0.0	26828:2022
940	35.201	3G Security; Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specification	17.0.0	26829:2022

941	35.202	3G Security; Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi specification	17.0.0	26830:2022
942	35.203	3G Security; Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data	17.0.0	26831:2022
943	35.204	3G Security; Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data	17.0.0	26832:2022
944	35.205	3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 1: General	17.0.0	26833:2022
945	35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 2: Algorithm specification	17.0.0	26834:2022
946	35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 3: Implementors' test data	17.0.0	26835:2022
947	35.208	3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;	17.0.0	26836:2022

		Document 4: Design conformance test data		
948	35.215	Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 1: UEA2 and UIA2 specifications	17.0.0	26837:2022
949	35.216	Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 2: SNOW 3G specification	17.0.0	26838:2022
950	35.217	Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 3: Implementors' test data	17.0.0	26839:2022
951	35.221	Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3; Document 1: EEA3 and EIA3 specifications	17.0.0	26840:2022
952	35.222	Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3; Document 2: ZUC specification	17.0.0	26841:2022
953	35.223	Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3; Document 3: Implementors' test data	17.0.0	26842:2022
954	35.231	Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 1: Algorithm specification	17.0.0	26843:2022

955	35.232	Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 2: Implementers' test data	17.0.0	26844:2022
956	35.233	Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 3: Design conformance test data	17.0.0	26845:2022
957	36.101	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception	17.5.0	26846:2022
958	36.104	Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception	17.5.0	26847:2022
959	36.106	Evolved Universal Terrestrial Radio Access (E-UTRA); FDD repeater radio transmission and reception	17.0.0	26848:2022
960	36.111	Location Measurement Unit (LMU) performance specification; Network based positioning systems in Evolved Universal Terrestrial Radio Access Network (E-UTRAN)	17.0.0	26849:2022
961	36.112	Location Measurement Unit (LMU) conformance specification; Network based positioning systems in Evolved Universal Terrestrial Radio Access Network (E-UTRAN)	17.0.0	26850:2022
962	36.113	Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) and	17.0.0	26851:2022

		repeater ElectroMagnetic Compatibility (EMC)		
963	36.116	Evolved Universal Terrestrial Radio Access (E-UTRA); Relay radio transmission and reception	17.0.0	26852:2022
964	36.124	Evolved Universal Terrestrial Radio Access (E-UTRA); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment	17.0.0	26853:2022
965	36.133	Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management	17.5.0	26854:2022
966	36.141	Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing	17.5.0	26855:2022
967	36.143	Evolved Universal Terrestrial Radio Access (E-UTRA); FDD repeater conformance testing	17.0.0	26856:2022
968	36.171	Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS)	17.0.0	26857:2022
969	36.201	Evolved Universal Terrestrial Radio Access (E-UTRA); LTE physical layer; General description	17.0.0	26858:2022
970	36.211	Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation	17.1.0	26859:2022
971	36.212	Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding	17.1.0	26860:2022

972	36.213	Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures	17.1.0	26861:2022
973	36.214	Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer; Measurements	17.0.0	26862:2022
974	36.216	Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer for relaying operation	17.0.0	26863:2022
975	36.3	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Overall description; Stage 2	17.0.0	26864:2022
976	36.302	Evolved Universal Terrestrial Radio Access (E-UTRA); Services provided by the physical layer	17.0.0	26865:2022
977	36.304	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) procedures in idle mode	17.0.0	26866:2022
978	36.305	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Stage 2 functional specification of User Equipment (UE) positioning in E-UTRAN	17.0.0	26867:2022
979	36.306	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio access capabilities	17.0.0	26868:2022
980	36.307	Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band	17.0.0	26869:2022
981	36.314	Evolved Universal Terrestrial Radio Access (E-UTRA); Layer 2 - Measurements	17.0.0	26870:2022

982	36.321	Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access Control (MAC) protocol specification	17.0.0	26871:2022
983	36.323	Evolved Universal Terrestrial Radio Access (E-UTRA); Packet Data Convergence Protocol (PDCP) specification	17.0.0	26872:2022
984	36.331	Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification	17.0.0	26873:2022
985	36.355	Evolved Universal Terrestrial Radio Access (E-UTRA); LTE Positioning Protocol (LPP)	17.0.0	26874:2022
986	36.36	Evolved Universal Terrestrial Radio Access (E-UTRA); LTE-WLAN Aggregation Adaptation Protocol (LWAAP) specification	17.0.0	26875:2022
987	36.361	Evolved Universal Terrestrial Radio Access (E-UTRA); LTE-WLAN Radio Level Integration Using Ipsec Tunnel (LWIP) encapsulation; Protocol specification	17.0.0	26876:2022
988	36.401	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Architecture description	17.0.0	26877:2022
989	36.41	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 general aspects and principles	17.0.0	26878:2022
990	36.411	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 layer 1	17.0.0	26879:2022
991	36.412	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 signalling transport	17.0.0	26880:2022

992	36.413	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 Application Protocol (S1AP)	17.0.0	26881:2022
993	36.414	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 data transport	17.0.0	26882:2022
994	36.42	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 general aspects and principles	17.0.0	26883:2022
995	36.421	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 layer 1	17.0.0	26884:2022
996	36.422	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 signalling transport	17.0.0	26885:2022
997	36.423	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 Application Protocol (X2AP)	17.0.0	26886:2022
998	36.424	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 data transport	17.0.0	26887:2022
999	36.425	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 interface user plane protocol	17.0.0	26888:2022
1000	36.44	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); General aspects and principles for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN	17.0.0	26889:2022
1001	36.441	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Layer 1 for interfaces supporting Multimedia	17.0.0	26890:2022

		Broadcast Multicast Service (MBMS) within E-UTRAN		
1002	36.443	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); M2 Application Protocol (M2AP)	17.0.0	26891:2022
1003	36.444	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); M3 Application Protocol (M3AP)	17.0.0	26892:2022
1004	36.445	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); M1 data transport	17.0.0	26893:2022
1005	36.455	Evolved Universal Terrestrial Radio Access (E-UTRA); LTE Positioning Protocol A (LPPa)	17.0.0	26894:2022
1006	36.456	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); SLM interface general aspects and principles	17.0.0	26895:2022
1007	36.457	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); SLM interface layer 1	17.0.0	26896:2022
1008	36.458	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); SLM interface signalling transport	17.0.0	26897:2022
1009	36.459	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); SLM interface Application Protocol (SLMAP)	17.0.0	26898:2022
1010	36.461	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw layer 1	17.0.0	26899:2022
1011	36.462	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw signalling transport	17.0.0	26900:2022

1012	36.463	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN); Xw application protocol (XwAP)	17.0.0	26901:2022
1013	36.464	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN); Xw data transport	17.0.0	26902:2022
1014	36.465	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN); Xw interface user plane protocol	17.0.0	26903:2022
1015	36.508	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); Common test environments for User Equipment (UE) conformance testing	17.2.0	26904:2022
1016	36.509	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); Special conformance testing functions for User Equipment (UE)	17.0.0	26905:2022
1017	37.104	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception	17.5.0	26906:2022
1018	37.105	Active Antenna System (AAS) Base Station (BS) transmission and reception	17.5.0	26907:2022
1019	37.106	User Equipment (UE) requirements for shared spectrum channel access	17.0.0	26908:2022
1020	37.107	Base Station (BS) requirements and conformance tests for shared spectrum channel access	17.0.0	26909:2022

1021	37.113	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic Compatibility (EMC)	17.0.0	26910:2022
1022	37.114	Active Antenna System (AAS) Base Station (BS) Electromagnetic Compatibility (EMC)	17.0.0	26911:2022
1023	37.141	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance testing	17.5.0	26912:2022
1024	37.144	User Equipment (UE) and Mobile Station (MS) GSM, UTRA and E-UTRA over the air performance requirements	17.0.0	26913:2022
1025	37.171	Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA); User Equipment (UE) performance requirements for Radio Access Technology (RAT) Independent Positioning Enhancements	17.0.0	26914:2022
1026	37.32	Radio measurement collection for Minimization of Drive Tests (MDT); Overall description; Stage 2	17.0.0	26915:2022
1027	37.324	Evolved Universal Terrestrial Radio Access (E-UTRA) and NR; Service Data Adaptation Protocol (SDAP) specification	17.0.0	26916:2022
1028	37.34	NR; Multi-connectivity; Overall description; Stage-2	17.0.0	26917:2022
1029	37.355	LTE Positioning Protocol (LPP)	17.0.0	26918:2022
1030	37.46	luant interface: General aspects and principles	17.0.0	26919:2022
1031	37.461	luant interface: Layer 1	17.0.0	26920:2022

1032	37.462	luant interface: Signalling transport	17.0.0	26921:2022
1033	37.466	luant interface: Application part	17.0.0	26922:2022
1034	37.47	W1 interface; General aspects and principles	17.0.0	26923:2022
1035	37.471	W1 interface; Layer 1	17.0.0	26924:2022
1036	37.472	W1 interface; Signalling transport	17.0.0	26925:2022
1037	37.473	W1 interface; Application Protocol (W1AP)	17.0.0	26926:2022
1038	37.48	E1 general aspects and principles	17.0.0	26927:2022
1039	37.481	E1 layer 1	17.0.0	26928:2022
1040	37.482	E1 signalling transport	17.0.0	26929:2022
1041	37.483	E1 Application Protocol (E1AP)	17.0.0	26930:2022
1042	38.104	NR; Base Station (BS) radio transmission and reception	17.5.0	26931:2022
1043	38.106	NR repeater radio transmission and reception	17.0.0	26932:2022
1044	38.113	NR; Base Station (BS) ElectroMagnetic Compatibility (EMC)	17.0.0	26933:2022
1045	38.124	NR; Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment	17.0.0	26934:2022
1046	38.133	NR; Requirements for support of radio resource management	17.5.0	26935:2022
1047	38.151	NR; User Equipment (UE) Multiple Input Multiple Output (MIMO) Over-the-Air (OTA) performance requirements	17.0.0	26936:2022
1048	38.171	NR; Requirements for support of Assisted Global Navigation Satellite System (A-GNSS)	17.0.0	26937:2022
1049	38.174	NR; Integrated Access and Backhaul (IAB) radio transmission and reception	17.0.0	26938:2022

1050	38.175	NR; Integrated Access and Backhaul (IAB) Electromagnetic Compatibility (EMC)	17.0.0	26939:2022
1051	38.201	NR; Physical layer; General description	17.0.0	26940:2022
1052	38.202	NR; Services provided by the physical layer	17.1.0	26941:2022
1053	38.211	NR; Physical channels and modulation	17.1.0	26942:2022
1054	38.212	NR; Multiplexing and channel coding	17.1.0	26943:2022
1055	38.213	NR; Physical layer procedures for control	17.1.0	26944:2022
1056	38.215	NR; Physical layer measurements	17.1.0	26945:2022
1057	38.3	NR; NR and NG-RAN Overall description; Stage-2	17.0.0	26946:2022
1058	38.304	NR; User Equipment (UE) procedures in idle mode and in RRC Inactive state	17.0.0	26947:2022
1059	38.305	NG Radio Access Network (NG-RAN); Stage 2 functional specification of User Equipment (UE) positioning in NG-RAN	17.0.0	26948:2022
1060	38.306	NR; User Equipment (UE) radio access capabilities	17.0.0	26949:2022
1061	38.307	NR; Requirements on User Equipments (UEs) supporting a release-independent frequency band	17.5.0	26950:2022
1062	38.314	NR; Layer 2 measurements	17.0.0	26951:2022
1063	38.321	NR; Medium Access Control (MAC) protocol specification	17.0.0	26952:2022
1064	38.322	NR; Radio Link Control (RLC) protocol specification	17.0.0	26953:2022
1065	38.323	NR; Packet Data Convergence Protocol (PDCP) specification	17.0.0	26954:2022
1066	38.331	NR; Radio Resource Control (RRC); Protocol specification	17.0.0	26955:2022

1067	38.34	NR; Backhaul Adaptation Protocol (BAP) specification	17.0.0	26956:2022
1068	38.351	NR; Sidelink Relay Adaptation Protocol (SRAP) Specification	17.0.0	26957:2022
1069	38.401	NG-RAN; Architecture description	17.0.0	26958:2022
1070	38.41	NG-RAN; NG general aspects and principles	17.0.0	26959:2022
1071	38.411	NG-RAN; NG layer 1	17.0.0	26960:2022
1072	38.412	NG-RAN; NG signalling transport	17.0.0	26961:2022
1073	38.413	NG-RAN; NG Application Protocol (NGAP)	17.0.0	26962:2022
1074	38.414	NG-RAN; NG data transport	17.0.0	26963:2022
1075	38.42	NG-RAN; Xn general aspects and principles	17.0.0	26964:2022
1076	38.421	NG-RAN; Xn layer 1	17.0.0	26965:2022
1077	38.422	NG-RAN; Xn signalling transport	17.0.0	26966:2022
1078	38.423	NG-RAN; Xn Application Protocol (XnAP)	17.0.0	26967:2022
1079	38.424	NG-RAN; Xn data transport	17.0.0	26968:2022
1080	38.425	NG-RAN; NR user plane protocol	17.0.0	26969:2022
1081	38.455	NG-RAN; NR Positioning Protocol A (NRPPa)	17.0.0	26970:2022
1082	38.46	NG-RAN; E1 general aspects and principles	17.0.0	26971:2022
1083	38.461	NG-RAN; E1 layer 1	17.0.0	26972:2022
1084	38.462	NG-RAN; E1 signalling transport	17.0.0	26973:2022
1085	38.463	NG-RAN; E1 Application Protocol (E1AP)	17.0.0	26974:2022
1086	38.47	NG-RAN; F1 general aspects and principles	17.0.0	26975:2022
1087	38.471	NG-RAN; F1 layer 1	17.0.0	26976:2022
1088	38.472	NG-RAN; F1 signalling transport	17.0.0	26977:2022

1089	38.473	NG-RAN; F1 Application Protocol (F1AP)	17.0.0	26978:2022
1090	38.474	NG-RAN; F1 data transport	17.0.0	26979:2022
1091	38.509	5GS; Special conformance testing functions for User Equipment (UE)	17.0.0	26980:2022
1092	38.522	NR; User Equipment (UE) conformance specification; Applicability of radio transmission, radio reception and radio resource management test cases	17.4.0	26981:2022
1093	38.533	NR; User Equipment (UE) conformance specification; Radio Resource Management (RRM)	17.2.0	26982:2022
1094	41.101	Technical Specifications and Technical Reports for a GERAN-based 3GPP system	17.0.0	26983:2022
1095	42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1	17.0.0	26984:2022
1096	42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	17.0.0	26985:2022
1097	42.068	Voice Group Call Service (VGCS); Stage 1	17.0.0	26986:2022
1098	42.069	Voice Broadcast Service (VBS); Stage 1	17.0.0	26987:2022
1099	43.005	Technical performance objectives	17.0.0	26988:2022
1100	43.01	GSM Public Land Mobile Network (PLMN) connection types	17.0.0	26989:2022
1101	43.013	Discontinuous Reception (DRX) in the GSM system	17.0.0	26990:2022
1102	43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode	17.0.0	26991:2022
1103	43.045	Technical realization of facsimile group 3 transparent	17.0.0	26992:2022

1104	43.05	Transmission planning aspects of the speech service in the GSM Public Land Mobile Network (PLMN) system	17.0.0	26993:2022
1105	43.051	GSM/EDGE Overall description; Stage 2	17.0.0	26994:2022
1106	43.052	GSM Cordless Telephony System (CTS), Phase 1; Lower Layers of the CTS Radio Interface, Stage 2	17.0.0	26995:2022
1107	43.055	Dual Transfer Mode (DTM); Stage 2	17.0.0	26996:2022
1108	43.059	Functional stage 2 description of Location Services (LCS) in GERAN	17.0.0	26997:2022
1109	43.064	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2	17.0.0	26998:2022
1110	43.068	Voice Group Call Service (VGCS); Stage 2	17.0.0	26999:2022
1111	43.069	Voice Broadcast Service (VBS); Stage 2	17.0.0	27000:2022
1112	43.073	Support of Localised Service Area (SoLSA); Stage 2	17.0.0	27001:2022
1113	43.129	Packet-switched handover for GERAN A/Gb mode; Stage 2	17.0.0	27002:2022
1114	43.13	GSM/EDGE Iur-g interface; Stage 2	17.0.0	27003:2022
1115	43.246	Multimedia Broadcast/Multicast Service (MBMS) in the GERAN; Stage 2	17.0.0	27004:2022
1116	43.318	Generic Access Network (GAN); Stage 2	17.0.0	27005:2022
1117	44.001	Mobile Station - Base Station System (MS - BSS) interface; General aspects and principles	17.0.0	27006:2022
1118	44.003	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	17.0.0	27007:2022
1119	44.004	GSM/EDGE Layer 1; General Requirements	17.0.0	27008:2022

1120	44.005	GSM/EDGE Data Link (DL) Layer; General aspects	17.0.0	27009:2022
1121	44.006	Mobile Station - Base Station System (MS - BSS) interface; Data Link (DL) layer specification	17.0.0	27010:2022
1122	44.012	Short Message Service Cell Broadcast (SMSCB) support on the mobile radio interface	17.0.0	27011:2022
1123	44.013	Performance requirements on the mobile radio interface	17.0.0	27012:2022
1124	44.014	Individual equipment type requirements and interworking; Special GSM/EDGE conformance testing functions	17.0.0	27013:2022
1125	44.018	Mobile radio interface layer 3 specification; GSM/EDGE Radio Resource Control (RRC) protocol	17.0.0	27014:2022
1126	44.021	Rate adaption on the Mobile Station - Base Station System (MS - BSS) interface	17.0.0	27015:2022
1127	44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)	17.0.0	27016:2022
1128	44.035	GSM/EDGE Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E- OTD) and Global Positioning System (GPS) positioning methods	17.0.0	27017:2022
1129	44.056	GSM Cordless Telephony System (CTS), Phase 1; CTS radio interface layer 3 specification	17.0.0	27018:2022

1130	44.057	GSM Cordless Telephony System (CTS), Phase 1; CTS supervising system layer 3 specification	17.0.0	27019:2022
1131	44.06	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control / Medium Access Control (RLC/MAC) protocol	17.0.0	27020:2022
1132	44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN); Logical Link Control (LLC) Layer Specification	17.0.0	27021:2022
1133	44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)	17.0.0	27022:2022
1134	44.068	Group Call Control (GCC) protocol	17.0.0	27023:2022
1135	44.071	GSM/EDGE Location Services (LCS); Mobile radio interface layer 3 LCS specification	17.0.0	27024:2022
1136	44.318	Generic Access Network (GAN); Mobile GAN interface layer 3 specification	17.0.0	27025:2022
1137	45.001	GSM/EDGE Physical layer on the radio path; General description	17.0.0	27026:2022
1138	45.002	GSM/EDGE Multiplexing and multiple access on the radio path	17.0.0	27027:2022
1139	45.003	GSM/EDGE Channel coding	17.0.0	27028:2022
1140	45.004	GSM/EDGE Modulation	17.0.0	27029:2022
1141	45.005	GSM/EDGE Radio transmission and reception	17.0.0	27030:2022
1142	45.008	GSM/EDGE Radio subsystem link control	17.0.0	27031:2022
1143	45.009	GSM/EDGE Link adaptation	17.0.0	27032:2022

1144	45.01	GSM/EDGE Radio subsystem synchronization	17.0.0	27033:2022
1145	45.015	GSM/EDGE Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines	17.0.0	27034:2022
1146	45.022	GSM/EDGE Radio link management in hierarchical networks	17.0.0	27035:2022
1147	45.056	GSM Cordless Telephony System (CTS), Phase 1; CTS-FP Radio subsystem	17.0.0	27036:2022
1148	46.001	Full rate speech; Processing functions	17.0.0	27037:2022
1149	46.002	Half rate speech; Half rate speech processing functions	17.0.0	27038:2022
1150	46.006	Half rate speech; ANSI-C code for the GSM half rate speech codec	17.0.0	27039:2022
1151	46.007	Half rate speech; Test sequences for the GSM half rate speech codec	17.0.0	27040:2022
1152	46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	17.0.0	27041:2022
1153	46.01	Full rate speech; Transcoding	17.0.0	27042:2022
1154	46.011	Full rate speech; Substitution and muting of lost frames for full rate speech channels	17.0.0	27043:2022
1155	46.012	Full rate speech; Comfort noise aspect for full rate speech traffic channels	17.0.0	27044:2022
1156	46.02	Half rate speech; Half rate speech transcoding	17.0.0	27045:2022
1157	46.021	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	17.0.0	27046:2022

1158	46.022	Half rate speech; Comfort noise aspects for the half rate speech traffic channels	17.0.0	27047:2022
1159	46.031	Full rate speech; Discontinuous Transmission (DTX) for full rate speech traffic channels	17.0.0	27048:2022
1160	46.032	Full rate speech; Voice Activity Detector (VAD) for full rate speech traffic channels	17.0.0	27049:2022
1161	46.041	Half rate speech; Discontinuous Transmission (DTX) for half rate speech traffic channels	17.0.0	27050:2022
1162	46.042	Half rate speech; Voice Activity Detector (VAD) for half rate speech traffic channels	17.0.0	27051:2022
1163	46.051	Enhanced Full Rate (EFR) speech processing functions; General description	17.0.0	27052:2022
1164	46.053	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec	17.0.0	27053:2022
1165	46.054	Test sequences for the GSM Enhanced Full Rate (EFR) speech codec	17.0.0	27054:2022
1166	46.06	Enhanced Full Rate (EFR) speech transcoding	17.0.0	27055:2022
1167	46.061	Substitution and muting of lost frames for Enhanced Full Rate (EFR) speech traffic channels	17.0.0	27056:2022
1168	46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	17.0.0	27057:2022
1169	46.081	Discontinuous Transmission (DTX) for Enhanced Full Rate (EFR) speech traffic channels	17.0.0	27058:2022

1170	46.082	Voice Activity Detector (VAD) for Enhanced Full Rate (EFR) speech traffic channels	17.0.0	27059:2022
1171	48.001	Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; General aspects	17.0.0	27060:2022
1172	48.002	Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Interface principles	17.0.0	27061:2022
1173	48.004	Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Layer 1 specification	17.0.0	27062:2022
1174	48.006	Signalling transport mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS - MSC) interface	17.0.0	27063:2022
1175	48.008	Mobile Switching Centre - Base Station system (MSC-BSS) interface; Layer 3 specification	17.0.0	27064:2022
1176	48.014	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb interface Layer 1	17.0.0	27065:2022
1177	48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Network service	17.0.0	27066:2022
1178	48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS protocol (BSSGP)	17.0.0	27067:2022

1179	48.02	Rate adaption on the Base Station System - Mobile-services Switching Centre (BSS - MSC) interface	17.0.0	27068:2022
1180	48.031	Location Services (LCS); Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification	17.0.0	27069:2022
1181	48.049	Base Station Controller - Cell Broadcast Centre (BSC-CBC) interface specification; Cell Broadcast Service Protocol (CBSP)	17.0.0	27070:2022
1182	48.051	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; General aspects	17.0.0	27071:2022
1183	48.054	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits	17.0.0	27072:2022
1184	48.056	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification	17.0.0	27073:2022
1185	48.058	Base Station Controller - Base Transceiver Station (BSC - BTS) Interface; Layer 3 specification	17.0.0	27074:2022
1186	48.06	In-band control of remote transcoders and rate adaptors for full rate traffic channels	17.0.0	27075:2022
1187	48.061	In-band control of remote transcoders and rate adaptors for half rate traffic channels	17.0.0	27076:2022
1188	48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System	17.0.0	27077:2022

		(SMLC-BSS) interface; Layer 3 specification		
1189	48.103	Base Station System - Media GateWay (BSS-MGW) interface; User plane transport mechanism	17.0.0	27078:2022
1190	49.008	Application of the Base Station System Application Part (BSSAP) on the E interface	17.0.0	27079:2022
1191	49.031	Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)	17.0.0	27080:2022
1192	51.013	Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card	17.0.0	27081:2022
1193	51.021	Base Station System (BSS) equipment specification; Radio aspects	17.0.0	27082:2022
1194	51.026	Base Station System (BSS) equipment specification; Part 4: Repeaters	17.0.0	27083:2022
1195	52.008	Telecommunication management; GSM subscriber and equipment trace	17.0.0	27084:2022
1196	52.021	Network Management (NM) procedures and messages on the A-bis interface	17.0.0	27085:2022
1197	52.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM	17.0.0	27086:2022
1198	55.216	3G Security; Specification of the A5/3 encryption algorithms for GSM and ECSD, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specifications	17.0.0	27087:2022

1199	55.217	3G Security; Specification of the A5/3 encryption algorithms for GSM and ECSD, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data	17.0.0	27088:2022
1200	55.218	3G Security; Specification of the A5/3 encryption algorithms for GSM and ECSD, and the GEA3 encryption algorithm for GPRS; Document 3: Design conformance test data	17.0.0	27089:2022
1201	55.226	3G Security; Specification of the A5/4 Encryption Algorithms for GSM and ECSD, and the GEA4 Encryption Algorithm for GPRS	17.0.0	27090:2022
1202	55.236	Specification of A8_V MILENAGE Algorithm: An example algorithm for the key generation function A8_V	17.0.0	27091:2022
1203	55.241	Specification of the GIA4 integrity algorithm for General Packet Radio Service (GPRS); GIA4 specification	17.0.0	27092:2022
1204	55.242	Specification of the GIA4 integrity algorithm for General Packet Radio Service (GPRS); Implementers' test data	17.0.0	27093:2022
1205	55.243	Specification of the GIA4 integrity algorithm for General Packet Radio Service (GPRS); Design conformance test data	17.0.0	27094:2022
1206	55.251	Specification of the GEA5 and GIA5 encryption algorithms for General Packet Radio Service (GPRS); GEA5 and GIA5 algorithm specification	17.0.0	27095:2022
1207	55.252	Specification of the GEA5 encryption and GIA5 integrity algorithms for	17.0.0	27096:2022

		General Packet Radio Service (GPRS); Implementers' test data		
1208	55.253	Specification of the GEA5 encryption and GIA5 integrity algorithms for General Packet Radio Service (GPRS); Design conformance test data	17.0.0	27097:2022
1209	32.111-1	Telecommunication management; Fault Management; Part 1: 3G fault management requirements	17.0.0	27098:2022
1210	32.111-6	Telecommunication management; Fault Management; Part 6: Alarm Integration Reference Point (IRP): Solution Set (SS) definitions	17.0.0	27099:2022
1211	36.521-1	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Conformance testing	17.2.0	27100:2022
1212	36.523-1	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 1: Protocol conformance specification	17.1.0	27101:2022
1213	36.523-3	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 3: Test suites	17.2.0	27102:2022
1214	37.145-1	Active Antenna System (AAS) Base Station (BS) conformance testing; Part 1: conducted conformance testing	17.5.0	27103:2022

1215	37.145-2	Active Antenna System (AAS) Base Station (BS) conformance testing; Part 2: radiated conformance testing	17.5.0	27104:2022
1216	38.101-1	NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone	17.5.0	27105:2022
1217	38.101-2	NR; User Equipment (UE) radio transmission and reception; Part 2: Range 2 Standalone	17.5.0	27106:2022
1218	38.101-3	NR; User Equipment (UE) radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios	17.5.0	27107:2022
1219	38.101-4	NR; User Equipment (UE) radio transmission and reception; Part 4: Performance requirements	17.4.0	27108:2022
1220	38.141-1	NR; Base Station (BS) conformance testing Part 1: Conducted conformance testing	17.5.0	27109:2022
1221	38.141-2	NR; Base Station (BS) conformance testing Part 2: Radiated conformance testing	17.5.0	27110:2022
1222	38.176-1	NR; Integrated Access and Backhaul (IAB) conformance testing; Part 1: Conducted conformance testing	17.0.0	27111:2022
1223	38.508-1	5GS; User Equipment (UE) conformance specification; Part 1: Common test environment	17.4.0	27112:2022
1224	38.508-2	5GS; User Equipment (UE) conformance specification; Part 2: Common Implementation Conformance Statement (ICS) proforma	17.4.0	27113:2022

1225	38.521-3	NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios	17.4.0	27114:2022
1226	38.523-3	5GS; User Equipment (UE) conformance specification; Part 3: Protocol Test Suites	17.2.0	27115:2022
1227	51.010-4	Mobile Station (MS) conformance specification	17.0.0	27116:2022