
Annex F (informative): Change history

Change history							
Date	Meeting	Tdoc	CR	Rev	Cat	Subject/Comment	New version
2017-10	CT1#106	C1-174182				Draft skeleton provided by the rapporteur.	0.0.0
2017-11	CT1#106					Implementing the following p-CRs agreed by CT1: C1-174183, C1-174184, C1-174185.	0.1.0
2017-12	CT1#107					Implementing the following p-CRs agreed by CT1: C1-175098, C1-175313. Corrections done by the rapporteur.	0.2.0
2017-12	CT1 e-mail review					Editorial corrections.	0.2.1
2017-12	CT1 e-mail review					Re-introduction of table in subclause 8.2.23.1	0.2.2
2018-02	CT1#108					Implementing the following p-CRs agreed by CT1: C1-180663, C1-180224, C1-180046, C1-180437, C1-180438, C1-180448, C1-180307, C1-180211, C1-180316, C1-180221, C1-180281, C1-180339, C1-180361, C1-180148, C1-180415, C1-180451, C1-180453, C1-180455, C1-180459, C1-180482, C1-180483, C1-180484, C1-180619, C1-180620, C1-180623, C1-180624, C1-180627, C1-180628, C1-180664, C1-180665, C1-180668, C1-180672, C1-180673, C1-180679, C1-180680, C1-180684, C1-180707, C1-180721, C1-180725, C1-180736, C1-180737, C1-180738, C1-180739, C1-180740, C1-180741, C1-180750, C1-180751, C1-180013, C1-180311, C1-180312, C1-180197, C1-180313, C1-180283, C1-180037, C1-180041, C1-180464, C1-180465, C1-180466, C1-180469, C1-180645, C1-180646, C1-180648, C1-180688, C1-180689, C1-180690, C1-180473, C1-180720, C1-180226, C1-180632, C1-180633, C1-180635, C1-180640, C1-180669, C1-180731, C1-180732, C1-180734, C1-180735, C1-180746, C1-180209, C1-180040, C1-180015, C1-180035, C1-180198, C1-180421, C1-180487, C1-180488, C1-180490, C1-180621, C1-180622, C1-180701, C1-180162, C1-180190, C1-180604, C1-180605, C1-180606, C1-180611, C1-180614, C1-180616, C1-180704, C1-180719, C1-180722, C1-180747, C1-180755, C1-180756 Corrections done by the rapporteur.	0.3.0
2018-02	CT1 e-mail review					Resolution of collision among C1-180679, C1-180721 and C1-180740. Resolution of collision among C1-180605, C1-180616 and C1-180704. Re-implementation of parts of C1-180035, C1-180488, C1-180605, C1-180606, C1-180729 and C1-180734 as some of the proposed changes were not implemented correctly in the previous version. Implementation of C1-180646 which was missed. Editorial corrections. Corrections done by the rapporteur.	0.3.1
2018-03	CT1#109					Implementing the following p-CRs agreed by CT1: C1-181362, C1-181377, C1-181456, C1-181457, C1-181703, C1-181748, C1-181462, C1-181786, C1-181168, C1-181269, C1-181278, C1-181307, C1-181180, C1-181279, C1-181280, C1-181281, C1-181354, C1-181283, C1-181284, C1-181287, C1-181305, C1-181352, C1-181364, C1-181365, C1-181366, C1-181399, C1-181466, C1-181467, C1-181468, C1-181470, C1-181471, C1-181473, C1-181474, C1-181477, C1-181628, C1-181629, C1-181633, C1-181661, C1-181663, C1-181666, C1-181668, C1-181670, C1-181681, C1-181682, C1-181683, C1-181684, C1-181695, C1-181696, C1-181707, C1-181713, C1-181715, C1-181716, C1-181717, C1-181718, C1-181733, C1-181734, C1-181735, C1-181736, C1-181737, C1-181738, C1-181739, C1-181740, C1-181741, C1-181747, C1-181752, C1-181764, C1-181770, C1-181771, C1-181781, C1-181782, C1-181785, C1-181182, C1-181120, C1-181121, C1-181395, C1-181480, C1-181482, C1-181484, C1-181485, C1-181486, C1-181487, C1-181488, C1-181650, C1-181651, C1-181652, C1-181678, C1-181726, C1-181751, C1-181273, C1-181274, C1-181276, C1-181277, C1-181496, C1-181784, C1-181312, C1-181357, C1-181605, C1-181606, C1-181609, C1-181645, C1-181674, C1-181675, C1-181677, C1-181679, C1-181708, C1-181710, C1-181728, C1-181613, C1-181615, C1-181680, C1-181750, C1-181618, C1-181619, C1-181779, C1-181360, C1-181636, C1-181640, C1-181643, C1-181729, C1-181730, C1-181731, C1-181732 Corrections done by the rapporteur.	0.4.0

2018-03	CT1 e-mail review				Re-implementation of C1-181168 and C1-181307. Re-implementation of C1-181656 and C1-181606 so that C1-181656 is implemented first. Reverting to the old title. Editorial corrections of some of the implemented p-CRs as well as adding some missing parts. Corrections done by the rapporteur.	0.4.1
2018-03	CT#79	CP-180101			Version 1.0.0 created for presentation to TSG CT#79 for information.	1.0.0
2018-05	CT1#110				Implementing the following p-CRs agreed by CT1: C1-182219, C1-182493, C1-182496, C1-182202, C1-182497, C1-182053, C1-182311, C1-182019, C1-182359, C1-182360, C1-182361, C1-182358, C1-182305, C1-182306, C1-182354, C1-182117, C1-182182, C1-182455, C1-182459, C1-182491, C1-182600, C1-182601, C1-182605, C1-182606, C1-182607, C1-182608, C1-182609, C1-182610, C1-182614, C1-182615, C1-182621, C1-182662, C1-182664, C1-182665, C1-182708, C1-182728, C1-182730, C1-182733, C1-182724, C1-182757, C1-182759, C1-182760, C1-182768, C1-182772, C1-182775, C1-182786, C1-182787, C1-182791, C1-182831, C1-182832, C1-182833, C1-182834, C1-182835, C1-183836, C1-182838, C1-182840, C1-182844, C1-182067, C1-182073, C1-182303, C1-182321, C1-182352, C1-182385, C1-182645, C1-182646, C1-182647, C1-182648, C1-182650, C1-182651, C1-182657, C1-182659, C1-182660, C1-182741, C1-182742, C1-182710, C1-182762, C1-182763, C1-182764, C1-182765, C1-182774, C1-182789, C1-182789, C1-182815, C1-182845, C1-182797, C1-182232, C1-182230, C1-182666, C1-182667, C1-182671, C1-182673, C1-182677, C1-182800, C1-182824, C1-182710, C1-182072, C1-182078, C1-182174, C1-182190, C1-182456, C1-182636, C1-182637, C1-182638, C1-182639, C1-182726, C1-182729, C1-182747, C1-182749, C1-182766, C1-182767, C1-182841, C1-182847, C1-182043, C1-182057, C1-182260, C1-182044, C1-182617, C1-182618, C1-182619, C1-182620, C1-182622, C1-182623, C1-182624, C1-182627, C1-182628, C1-182629, C1-182802, C1-182808, C1-182345, C1-182461, C1-182630 Corrections done by the rapporteur.	1.1.0
2018-05	CT1 e-mail review				Re-implementation of C1-182768, C1-182841, C1-182841, C1-182619, C1-182665, C1-182497, C1-182067 and C1-182078 to correct some editorials as well as adding some missing parts. Corrections done by the rapporteur.	1.1.1
2018-06	CT1#111				Implementing the following p-CRs agreed by CT1: C1-183268, C1-183109, C1-183281, C1-183517, C1-183518, C1-183519, C1-183791, C1-183115, C1-183527, C1-183812, C1-183813, C1-183141, C1-183148, C1-183406, C1-183070, C1-183207, C1-183273, C1-183276, C1-183277, C1-183415, C1-183143, C1-183146, C1-183197, C1-183260, C1-183142, C1-183151, C1-183154, C1-183225, C1-183205, C1-183223, C1-183314, C1-183278, C1-183367, C1-183279, C1-183381, C1-183399, C1-183413, C1-183467, C1-183530, C1-183532, C1-183533, C1-183534, C1-183535, C1-183538, C1-183539, C1-183715, C1-183716, C1-183717, C1-183718, C1-183720, C1-183721, C1-183737, C1-183739, C1-183741, C1-183744, C1-183745, C1-183748, C1-183749, C1-183750, C1-183751, C1-183774, C1-183775, C1-183779, C1-183780, C1-183781, C1-183809, C1-183822, C1-183824, C1-183825, C1-183826, C1-183845, C1-183858, C1-183761, C1-183147, C1-183237, C1-183329, C1-183353, C1-183378, C1-183387, C1-183401, C1-183408, C1-183499, C1-183541, C1-183542, C1-183543, C1-183545, C1-183726, C1-183756, C1-183757, C1-183758, C1-183759, C1-183762, C1-183795, C1-183796, C1-183802, C1-183827, C1-183846, C1-183847, C1-183848, C1-183211, C1-183731, C1-183784, C1-183578, C1-183585, C1-183831, C1-183861, C1-183247, C1-183562, C1-183563, C1-183798, C1-183194, C1-183238, C1-183256, C1-183528, C1-183427, C1-183706, C1-183707, C1-183709, C1-183763, C1-183766, C1-183767, C1-183768, C1-183769, C1-183770, C1-183771, C1-183772, C1-183773, C1-183785, C1-183787, C1-183788, C1-183789, C1-183799, C1-183805, C1-183816, C1-183832, C1-183834, C1-183849, C1-183850, C1-183114, C1-183457, C1-183458, C1-183510, C1-183511, C1-183512, C1-183513, C1-183515, C1-183800, C1-183806, C1-183470 Corrections done by the rapporteur.	1.2.0

2018-06	CT1 e-mail review					Re-implementation of C1-183535, C1-183813, C1-183408, C1-183766 and C1-183831. Implementation of C1-183816 which was missed. Editorial corrections of some of the implemented p-CRs. Corrections done by the rapporteur.	1.2.1
2018-06	CT#80	CP-181094				Version 2.0.0 created for presentation to TSG CT#80 for approval.	2.0.0
2018-06	CT#80					Version 15.0.0 created after approval	15.0.0
2018-09	CT#81	CP-182139	0001		F	Replace unknown "registration update accept"	15.1.0
2018-09	CT#81	CP-182142	0003	2	F	Pass (Extended) Emergency Number List to upper layers	15.1.0
2018-09	CT#81	CP-182132	0004		F	Correcting access selection for SMS over NAS	15.1.0
2018-09	CT#81	CP-182138	0006	1	F	Referring to the correct bits for SMS over NAS during the registration procedure	15.1.0
2018-09	CT#81	CP-182140	0007	1	F	Setting and checking 5GS update status	15.1.0
2018-09	CT#81	CP-182132	0008	1	F	Clarifications on MICO indication	15.1.0
2018-09	CT#81	CP-182141	0009	1	F	Timer T3540 clarifications	15.1.0
2018-09	CT#81	CP-182137	0010	3	F	Network Slicing Subscription Change Indication	15.1.0
2018-09	CT#81	CP-182133	0012		F	Correction for PDU session context	15.1.0
2018-09	CT#81	CP-182133	0013	1	F	Correction for establishment of user-plane resources	15.1.0
2018-09	CT#81	CP-182133	0014	1	F	Correction for establishment cause	15.1.0
2018-09	CT#81	CP-182133	0016	4	F	Correction for maximum data rate per UE for integrity protection for DRBs	15.1.0
2018-09	CT#81	CP-182137	0018	3	F	Invalid DNN	15.1.0
2018-09	CT#81	CP-182132	0020	1	F	Correction for 5GMM cause #90 in subclause A.3	15.1.0
2018-09	CT#81	CP-182135	0021		F	Editor's notes in UPDP	15.1.0
2018-09	CT#81	CP-182136	0023	2	F	Exchange of extended protocol configuration options	15.1.0
2018-09	CT#81	CP-182130	0024	1	F	5G QoS - restructuring QoS rules IE	15.1.0
2018-09	CT#81	CP-182133	0025	1	F	Correction for editor's note on further 5GSM causes and further minor issues	15.1.0
2018-09	CT#81	CP-182132	0026		F	Correction and alignment of cause code values	15.1.0
2018-09	CT#81	CP-182141	0027	2	F	UAC information and establishment cause when uplink user data packet is to be sent for a PDU session with suspended user-plane resources	15.1.0
2018-09	CT#81	CP-182134	0028	2	F	Corrections for operator-defined access categories	15.1.0
2018-09	CT#81	CP-182131	0030	1	F	AMF Region ID (8 bits), AMF Set ID (10 bits), and AMF Pointer (6 bits)	15.1.0
2018-09	CT#81	CP-182132	0031	1	F	Correcting message definition of message including EENL	15.1.0
2018-09	CT#81	CP-182141	0032	2	F	SMF knowledge that a UE is configured for high priority access	15.1.0
2018-09	CT#81	CP-182131	0035	2	F	Authentication for normal services not accepted by network	15.1.0
2018-09	CT#81	CP-182130	0036	4	C	Addition of ABBA in 5G based primary authentication procedure	15.1.0
2018-09	CT#81	CP-182131	0037	2	C	Alignment and correction of mapped security context creation at S1 to N1 mode HO	15.1.0
2018-09	CT#81	CP-182130	0038	1	C	Addition of NAS container IE for N1 mode HO	15.1.0
2018-09	CT#81	CP-182132	0039	1	F	Correction and update of S1 mode to N1 mode NAS transparent container	15.1.0
2018-09	CT#81	CP-182139	0040	1	C	Removal of MAC editor's note	15.1.0
2018-09	CT#81	CP-182139	0041	1	F	Removal of transparent container at N1 mode to S1 mode HO	15.1.0
2018-09	CT#81	CP-182133	0042		F	Correction of 5GS TAC LSB	15.1.0
2018-09	CT#81	CP-182136	0043	1	B	Handling of Emergency PDU sessions and null algorithms	15.1.0
2018-09	CT#81	CP-182139	0044	2	B	Request for Kamf re-derivation	15.1.0
2018-09	CT#81	CP-182137	0045	1	F	Mobility Registration when T3346 running	15.1.0
2018-09	CT#81	CP-182135	0046		F	DL NAS Transport message	15.1.0
2018-09	CT#81	CP-182140	0047	1	F	Single-registration mode	15.1.0
2018-09	CT#81	CP-182131	0048		F	Authentication Response	15.1.0
2018-09	CT#81	CP-182138	0049	2	F	Parameters for PDU session establishment due to change of SSC mode 3 or 2 PSA	15.1.0
2018-09	CT#81	CP-182136	0054	2	F	Equivalent PLMNs	15.1.0
2018-09	CT#81	CP-182139	0055	2	F	Remove the remaining instance of SUPI paging	15.1.0
2018-09	CT#81	CP-182138	0056	2	F	PDU session status	15.1.0
2018-09	CT#81	CP-182131	0058	1	F	Clarification on NAS level MM congestion Control	15.1.0
2018-09	CT#81	CP-182141	0060	3	B	SM cause for out of LADN service area	15.1.0
2018-09	CT#81	CP-182139	0064	1	F	Removal of redundant MICO statement	15.1.0
2018-09	CT#81	CP-182137	0065	4	C	LADN indication from UE at registration	15.1.0
2018-09	CT#81	CP-182137	0066		F	Mapping to configured NSSAI for HPLM shall be included if available	15.1.0
2018-09	CT#81	CP-182130	0069	2	F	Abnormal Cases in the UE for mobility and periodic Registration Update Procedures	15.1.0
2018-09	CT#81	CP-182134	0070	1	D	Correction to 5GMM Substate	15.1.0
2018-09	CT#81	CP-182135	0071	1	F	Definition of emergency and non-emergency PDU sessions	15.1.0
2018-09	CT#81	CP-182138	0074	2	F	PDU session establish criteria for emergency PDU sessions	15.1.0
2018-09	CT#81	CP-182140	0075	3	F	Service request allowed for PDU release outside LADN	15.1.0
2018-09	CT#81	CP-182136	0076	2	F	Handling of Transmission failure for Service request message.	15.1.0

2018-09	CT#81	CP-182136	0077	4	B	How to determine the maximum number of established PDU sessions	15.1.0
2018-09	CT#81	CP-182141	0079	2	F	UAC and setting of the Uplink data status IE	15.1.0
2018-09	CT#81	CP-182137	0080	1	C	Non-3GPP access to 5GCN not allowed	15.1.0
2018-09	CT#81	CP-182136	0082	2	B	Including S-NSSAI received in EPS in Requested NSSAI and in PDU session establishment request upon inter-system change from S1 mode to N1 mode	15.1.0
2018-09	CT#81	CP-182141	0083		B	UE configuration for AC 11-15 and MCS (access identity 2)	15.1.0
2018-09	CT#81	CP-182142	0084		B	UE configuration for NAS signalling low priority via OMA-DM or USIM not applicable in 5GS	15.1.0
2018-09	CT#81	CP-182137	0085	2	F	Miscellaneous corrections	15.1.0
2018-09	CT#81	CP-182132	0086	2	F	Clarifications on ATTEMPTING-REGISTRATION-UPDATE	15.1.0
2018-09	CT#81	CP-182141	0087	2	F	UE behaviour in substate ATTEMPTING-REGISTRATION-UPDATE	15.1.0
2018-09	CT#81	CP-182140	0090		F	Service area list IE	15.1.0
2018-09	CT#81	CP-182136	0091	1	F	Handling of forbidden tracking area list	15.1.0
2018-09	CT#81	CP-182134	0092	2	F	Corrections for authentication	15.1.0
2018-09	CT#81	CP-182141	0094	4	F	Trigger for mobility and periodic registration update	15.1.0
2018-09	CT#81	CP-182130	0095		F	Abnormal cases in the UE for network-initiated de-registration procedure	15.1.0
2018-09	CT#81	CP-182130	0096	4	F	Add attempt counter to Service Request procedure	15.1.0
2018-09	CT#81	CP-182131	0097	1	F	Authentication procedure during registration procedure for mobility and periodic registration update	15.1.0
2018-09	CT#81	CP-182138	0098	4	F	Registration procedure for mobility and periodic registration update	15.1.0
2018-09	CT#81	CP-182138	0099	3	F	Release of the N1 NAS signalling connection	15.1.0
2018-09	CT#81	CP-182139	0100	2	F	Resetting of registration attempt counter	15.1.0
2018-09	CT#81	CP-182138	0101	4	F	On #27 N1 mode not allowed	15.1.0
2018-09	CT#81	CP-182130	0102	3	F	Adding EPLMN list related descriptions	15.1.0
2018-09	CT#81	CP-182138	0104	2	F	Provision of IWK N26 indication in registration update procedure	15.1.0
2018-09	CT#81	CP-182134	0105		F	Corrections for interworking with EPS	15.1.0
2018-09	CT#81	CP-182135	0106	4	F	Emergency Services Support indicator for non-3GPP access	15.1.0
2018-09	CT#81	CP-182219	0107	7	C	Network control for always-on PDU sessions	15.1.0
2018-09	CT#81	CP-182135	0108		F	Corrections on inconsistent descriptions for 5GSM and 5GMM	15.1.0
2018-09	CT#81	CP-182135	0110		F	Corrections on the timers of 5GMM	15.1.0
2018-09	CT#81	CP-182137	0112	1	F	No operation code for UE policy management	15.1.0
2018-09	CT#81	CP-182134	0113	1	F	Correction on UE behaviour for 5GSM congestion control	15.1.0
2018-09	CT#81	CP-182134	0114		F	Correction on UE security capability IE	15.1.0
2018-09	CT#81	CP-182136	0115	5	F	Including SD when Mapped configured SD is included in S-NSSAI	15.1.0
2018-09	CT#81	CP-182142	0116	3	F	Updates to deleting a derived QoS rule in the UE	15.1.0
2018-09	CT#81	CP-182138	0117		F	Provisioning of ANDSP for non-3GPP access	15.1.0
2018-09	CT#81	CP-182136	0118		D	Fix incorrect references	15.1.0
2018-09	CT#81	CP-182130	0120	2	F	Addition of ngKSI in DEREGISTRATION REQUEST	15.1.0
2018-09	CT#81	CP-182141	0123	2	F	Storing of MPS indicator in non-volatile memory of mobile	15.1.0
2018-09	CT#81	CP-182138	0124	4	C	NW slicing and delayed re-registration due to emergency services	15.1.0
2018-09	CT#81	CP-182131	0125	1	F	Addition of cause values for service request reject	15.1.0
2018-09	CT#81	CP-182141	0126	3	F	UE actions when other causes received at SERVICE REJECT	15.1.0
2018-09	CT#81	CP-182137	0128		F	Missing general description on sub-clause 9.10	15.1.0
2018-09	CT#81	CP-182134	0130		F	Correction to general message format	15.1.0
2018-09	CT#81	CP-182138	0131		F	Plain 5GS NAS message	15.1.0
2018-09	CT#81	CP-182134	0134	1	F	Correction to the 5GMM capability IE	15.1.0
2018-09	CT#81	CP-182134	0135		F	Correction to the 5GS identity type IE	15.1.0
2018-09	CT#81	CP-182134	0136	1	F	Correction to the 5GS network feature support IE	15.1.0
2018-09	CT#81	CP-182135	0137	1	F	Editorials and minor corrections	15.1.0
2018-09	CT#81	CP-182140	0138		F	Security procedures and handling after inter-system change	15.1.0
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2022-09	CT#97e	CP-222151	4587	1	F	Request to join MBS session during establishment procedure	17.8.0
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2022-09	CT#97e	CP-222151	4610	1	F	MBS Security keys update to the UE	17.8.0
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2022-09	CT#97e	CP-222158	4452	1	F	Clarification that the NSAG information is sent over 3GPP access only	17.8.0
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2022-09	CT#97e	CP-222159	4556	1	F	Current TAI	17.8.0
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2022-09	CT#97e	CP-222167	4463	1	F	Add back off timer handling for rejected nssai for max UE reached for MT Deregistration procedure with cause #62.	18.0.0
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2022-09	CT#97e	CP-222167	4605	-	F	Handling the DRX parameter on the AMF side	18.0.0
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2022-09	CT#97e	CP-222167	4628	1	F	Handling when FPLMN is declared allowable PLMN by network	18.0.0
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2022-09	CT#97e	CP-222168	4473	2	F	Correction to the 5GMM capability IE	18.0.0
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2022-09	CT#97e	CP-222168	4531	1	F	UE behavior after receiving registration requested in CUC message	18.0.0
2022-09	CT#97e	CP-222168	4532	1	D	Editorial corrections	18.0.0
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2022-12	CT#98e	CP-223122	4642	2	A	Editor's note in 6.4.1.2	18.1.0
2022-12	CT#98e	CP-223122	4643	2	A	Editor's note in subclause 5.3.2	18.1.0
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2022-12	CT#98e	CP-223116	4654	1	A	Correction to PDU session types	18.1.0
2022-12	CT#98e	CP-223158	4656	1	F	Added further clarification in handling of T3502, T3346 in SNPN.	18.1.0
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2022-12	CT#98e	CP-223158	4660	1	F	Clarification on packet filter in signalled QoS rule	18.1.0
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2022-12	CT#98e	CP-223127	4664	2	F	Error handling to PTI	18.1.0
2022-12	CT#98e	CP-223136	4666		A	Correction to NSAG default area	18.1.0
2022-12	CT#98e	CP-223158	4669	1	F	Abnormal case handling	18.1.0
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2022-12	CT#98e	CP-223158	4672	1	F	Max limit for NSSRG values per S-NSSAI	18.1.0
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2022-12	CT#98e	CP-223136	4681	1	A	Maximum number of TAI list restriction for NSAG	18.1.0
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2022-12	CT#98e	CP-223160	4894	1	F	Correction to MA PDU session status when user plane resources are establishing	18.1.0
2022-12	CT#98e	CP-223160	4895		F	Mapped S-NSSAI for rejected NSSAI for the maximum number of UEs reached	18.1.0
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2022-12	CT#98e	CP-223115	4920	3	A	Correction in the forbidden TAI lists in NAS messages over satellite access	18.1.0
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2023-03	CT#99	CP-230278	4997	1	F	Equivalent SNPNs: 5G-GUTI selection	18.2.0
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2023-03	CT#99	CP-230215	5007	1	F	NSSAI applicable to equivalent PLMNs in registration area	18.2.0
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2023-03	CT#99	CP-230215	5045	1	F	NSAG and lower layer failure	18.2.0
2023-03	CT#99	CP-230215	5060	2	F	No transfer of LADN PDU session to S1 mode	18.2.0
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2023-03	CT#99	CP-230254	5056	2	B	Indication of support for reconnection to the network due to RAN timing synchronization status change via the 5GMM capability IE	18.2.0
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2023-06	CT#100	CP-231304	5225	2	B	Ranging capability over NAS	18.3.0
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2023-06	CT#100	CP-231216				TAs belonging to different PLMNs which are equivalent PLMNs in forbidden tracking areas for regional provision of service or forbidden tracking areas for roaming	18.3.0
			5332	1	F		
2023-06	CT#100	CP-231240				Mobility management for the support of optimised handling of temporarily available network slices	18.3.0
			5176	1	B		
2023-06	CT#100	CP-231216				No need to include rejected NSSAI for 5GMM causes other than #62	18.3.0
			5274	1	F		
2023-06	CT#100	CP-231223	5309	1	F	Adding reject cause values #81 and #82 under the Annex A	18.3.0
2023-06	CT#100	CP-231207	5323	1	F	Support of PRUs in NAS transport procedure	18.3.0
2023-06	CT#100	CP-231240				Indication of partial network slice support in a registration area when registering	18.3.0
			5205	2	B		
2023-06	CT#100	CP-231216				Enabling UE to send UE STATE INDICATION message even when UE does not have stored UE policy sections - Option B	18.3.0
			5186	2	F		
2023-06	CT#100	CP-231240	5329	1	B	Capability indication to support of network slice usage control	18.3.0
2023-06	CT#100	CP-231216				Correction of handling of the PDU session reactivation result error cause	18.3.0
			5171	1	F		
2023-06	CT#100	CP-231276	5192	1	F	MRU for RAN timing synchronization status change	18.3.0
2023-06	CT#100	CP-231245	5188	1	F	Correction to LADN restriction for UE to create PDU session	18.3.0
2023-06	CT#100	CP-231245				Clarify the behavior of Service area restriction and the LADN per DNN/S-NSSAI	18.3.0
			5189	1	F		
2023-06	CT#100	CP-231240	5204	2	F	Network Slice replacement	18.3.0
2023-06	CT#100	CP-231277	5193	1	B	Authorization of A2X Direct C2 Communications in 5GS	18.3.0
2023-06	CT#100	CP-231265	5197	1	B	Transmission of Ranging/SL Positioning Policy	18.3.0
2023-06	CT#100	CP-231216				Correction on a missing parameter in the UE-initiated NAS transport procedure	18.3.0
			5327	1	F		
2023-06	CT#100	CP-231216				Add the definition of satellite NG-RAN cell and non-satellite NG-RAN cell	18.3.0
			5149	3	F		
2023-06	CT#100	CP-231265	5226	1	B	Service request for ranging	18.3.0
2023-06	CT#100	CP-231240	5178	1	F	Define maximum length of Alternative NSSAI IE	18.3.0
2023-06	CT#100	CP-231240	5180	1	F	Clarify AMF behaviour when S-NSSAI to be replaced is available	18.3.0
2023-06	CT#100	CP-231216				Send 5GMM cause #62 during NW-initiated de-registration procedure	18.3.0
			5183	1	F		
2023-06	CT#100	CP-231216				Correction to the conditions for inclusion of the PDU session reactivation result IE	18.3.0
			5184	1	F		
2023-06	CT#100	CP-231216				5G AKA based primary authentication and key agreement procedure initiation	18.3.0
			5185	1	D		
2023-06	CT#100	CP-231238	5263	1	F	Condition for mobility registration update in SNPN	18.3.0
2023-06	CT#100	CP-231282	5220	1	B	General section for MBSR	18.3.0
2023-06	CT#100	CP-231216	5266	1	F	Minor correction on the T3540	18.3.0
2023-06	CT#100	CP-231238	5299	1	F	Correction in references of non-3GPP access for SNPNs	18.3.0
2023-06	CT#100	CP-231264				Resolution of editor's note on the request frequency of non-3GPP delay	18.3.0
			5261	1	F		
2023-06	CT#100	CP-231240	5328	2	B	General introduction on support of network slice usage control	18.3.0
2023-06	CT#100	CP-231218				Clarification on handling of received T3502 in registration accept message	18.3.0
			5288	2	F		
2023-06	CT#100	CP-231240	5283	1	B	The partially allowed NSSAI - UE storage	18.3.0
2023-06	CT#100	CP-231207	5285	1	B	User plane positioning capability	18.3.0
2023-06	CT#100	CP-231217				Emergency service handling when low layer failure and NW initiated deregistration	18.3.0
			5172	1	F		
2023-06	CT#100	CP-231276				UAC for RAN timing synchronization status change - RRC inactive UE	18.3.0
			5191	1	B		
2023-06	CT#100	CP-231238	5265	2	F	Resolution of editor's note on NID assignment	18.3.0
2023-06	CT#100	CP-231245	5187	2	F	Correction to Extended LADN information	18.3.0
2023-06	CT#100	CP-231232	5245	1	F	Updation to REGISTERED LIMITED service state.	18.3.0
2023-06	CT#100	CP-231219				Creation of access stratum connection for wireline access used by 5G-RG	18.3.0
			5168	1	F		
2023-06	CT#100	CP-231238	5166	1	F	Removal of redundant description of NID coding in SNPN list IE	18.3.0
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2023-06	CT#100	CP-231217	5276	3	F	Paging to re-establish user-plane resources over 3GPP access	18.3.0
2023-06	CT#100	CP-231240				Support of network slice replacement during PDU session modification procedure	18.3.0
			5248	2	B		
2023-06	CT#100	CP-231217				Correction in the 5GSM sublayer state transition in terms of the PDU SESSION MODIFICATION REJECT message including 5GSM cause value #43	18.3.0
			5241	1	F		
2023-06	CT#100	CP-231240				Support of network slice replacement during PDU session release procedure	18.3.0
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2023-06	CT#100	CP-231240	5310	1	F	Restriction in the requested NSSAI creation if an S-NSSAI is temporarily unavailable	18.3.0
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2023-09	CT#101	CP-232188	5693	1	B	The partial network slice usage during the PDU session establishment procedure	18.4.0
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2023-12	CT#102	CP-233141	5800	1	F	Clarification of the UE behavior disabling N1 mode capability	18.5.0
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2023-12	CT#102	CP-233140	5770	2	A	Update configured NSSAI if slice subscription changed	18.5.0
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2023-12	CT#102	CP-233180	5714	1	F	The PDU session handling related to PIN service	18.5.0
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2023-12	CT#102	CP-233162	5702	4	F	TAI based location assistance information	18.5.0
2023-12	CT#102	CP-233185	5912	2	F	Clarification on 5GMM context	18.5.0
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2023-12	CT#102	CP-233182	5881	1	F	Network capability to UE	18.5.0
2023-12	CT#102	CP-233143	5863	2	F	UE behaviour in case of RRC Connection failure and fallback indication from lower layers	18.5.0
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2024-03	CT#103	CP-240087	5966	1	F	Correction on network indication of supported user plane location solution(s)	18.6.0
2024-03	CT#103	CP-240125	5977	-	D	Minor corrections	18.6.0
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2024-06	CT#104	CP-241204	6270	-	F	Delete protocol description associated with a QoS rule	18.7.0
2024-06	CT#104	CP-241164	6294	-	F	Correction to handling of Follow-on request indicator in MRU for UA	18.7.0
2024-06	CT#104	CP-241164	6298	-	F	Clarification of T3324 in UA	18.7.0
2024-06	CT#104	CP-241164	6299	-	F	NR disable timers and unavailability period	18.7.0

2024-06	CT#104	CP-241160	6305		F	Clarification on initial registration for emergency services	18.7.0
2024-06	CT#104	CP-241175	6306	-	D	Minor correction of wrong NOTE numbering	18.7.0
2024-06	CT#104	CP-241163	6309	-	F	Add reference to the satellite coverage availability information	18.7.0
2024-06	CT#104	CP-241160	6321	-	F	Correction on missing abbreviations	18.7.0
2024-06	CT#104	CP-241204	6180	2	F	Clarification on UL PDU set handling	18.7.0
2024-06	CT#104	CP-241177	6248	1	F	Correction on coding of S-NSSAI location validity information	18.7.0
2024-06	CT#104	CP-241177	6259	1	F	Transition to RRC_CONNECTED state considering partially allowed NSSAI and S-NSSAI location validity information	18.7.0
2024-06	CT#104	CP-241177	6260	1	F	Maximum number of S-NSSAIs in allowed NSSAI and partially allowed NSSAI	18.7.0
2024-06	CT#104	CP-241177	6250	1	F	Slice deregistration timer during MICO	18.7.0
2024-06	CT#104	CP-241177	6300	1	F	Clarification of slice deregistration timer in deregistered state	18.7.0
2024-06	CT#104	CP-241177	6313	1	F	Slice deregistration inactivity timer for PDU session release	18.7.0
2024-06	CT#104	CP-241164	6268	1	D	Editorial corrections on unavailability configuration and unavailability information	18.7.0
2024-06	CT#104	CP-241175	6240	1	F	Corrections for forbidden SNPNs in 24.501	18.7.0
2024-06	CT#104	CP-241176	6266	1	D	Correction on 5GMM capability indication for equivalent SNPNs support	18.7.0
2024-06	CT#104	CP-241177	6174	1	F	Maximum number of S-NSSAIs in S-NSSAI location validity information IE	18.7.0
2024-06	CT#104	CP-241163	6307	1	F	Correction about terminology regarding 5GSAT	18.7.0
2024-06	CT#104	CP-241163	6279	1	F	Clarification on the unavailability due to UE reasons	18.7.0
2024-06	CT#104	CP-241163	6277	1	F	Clarification on the end of unavailability period report	18.7.0
2024-06	CT#104	CP-241204	6229	4	F	Update UL PDU Set handling when inter-system change	18.7.0
2024-06	CT#104	CP-241165	6274	1	F	Correction for the TNGF ID	18.7.0
2024-06	CT#104	CP-241184	6242	1	D	Replacement of MS with UE for the term MS determined PLMN with disaster condition	18.7.0
2024-06	CT#104	CP-241198	6273	1	F	Clarifications related to QoS flow descriptions	18.7.0
2024-06	CT#104	CP-241177	6261	1	F	Registration complete message to acknowledge the reception of on-demand NSSAI	18.7.0
2024-06	CT#104	CP-241160	6140	2	F	UE identity handling in case of a USIM removal during a registration procedure	18.7.0
2024-06	CT#104	CP-241160	6267	1	F	Clarification on purpose of service request procedure	18.7.0
2024-06	CT#104	CP-241160	6280	1	F	Clarification on some causes received in cell belonging to SNPN	18.7.0
2024-06	CT#104	CP-241160	6281	1	F	Correction on Extended CAG information list IE	18.7.0
2024-06	CT#104	CP-241160	6196	3	F	Correction to the checking of allowed TAI list in attempting to update state.	18.7.0
2024-06	CT#104	CP-241160	6304	1	D	Minor corrections in cause#36 and #62	18.7.0
2024-06	CT#104	CP-241160	6317	1	F	Revise confusing statement in HPLMN S-NSSAI(s) handling	18.7.0
2024-06	CT#104	CP-241164	6289	2	D	Clarification of ambiguity in clause 5.3.26	18.7.0
2024-06	CT#104	CP-241177	6258	2	F	Clarification when the only allowed S-NSSAI expires	18.7.0
2024-06	CT#104	CP-241167	6275	2	F	Corrections on supporting steering modes for the MA PDU session	18.7.0
2024-06	CT#104	CP-241204	6224	2	F	Clarification for QoS rule associated with UL Protocol description	18.7.0
2024-06	CT#104	CP-241177	6156	7	F	Re-enable N1 Mode based on timer validity information	18.7.0
2024-06	CT#104	CP-241177	6190	4	F	Handling of PDU session reactivation when the UE is not located in NS-AoS	18.7.0
2024-06	CT#104	CP-241163	6278	2	F	Clarification on the unavailability configuration during initial registration	18.7.0
2024-06	CT#104	CP-241198	6234	2	F	T3448 exemption for MPS	18.7.0
2024-06	CT#104	CP-241160	6074	5	F	MINT corrections in 24.501	18.7.0
2024-06	CT#104	CP-241160	5997	5	F	Disaster timers handling	18.7.0
2024-06	CT#104	CP-241203	6272	2	F	Clarification on AMF behavior during the deregistration procedure	18.7.0
2024-06	CT#104	CP-241160	5995	5	F	MM parameter handling when receiving DL NAS transport message with cause 78	18.7.0
2024-06	CT#104	CP-241177	6288	2	F	Update of partially allowed NSSAI for network slice replacement operation in the configuration update procedure and registration procedure	18.7.0
2024-06	CT#104	CP-241177	6314	2	F	Slice deregistration inactivity timer at unavailability activation	18.7.0
2024-06	CT#104	CP-241177	6252	4	F	Start of the slice inactivity timer based on the PDU session status IE	18.7.0
2024-06	CT#104	CP-241198	6247	2	F	Corrections to satellite access technologies in disabling and re-enabling of UE's N1 mode capability for 3GPP access	18.7.0
2024-06	CT#104	CP-241177	6311	3	F	NSSAI List Clarification	18.7.0
2024-06	CT#104	CP-241198	6245	2	A	Custom throttling to temporary failed 5GSM procedure	18.7.0
2024-06	CT#104	CP-241170	6244	2	F	Remove NOTE on DNS over (D)TLS	18.7.0
2024-06	CT#104	CP-241170	5968	6	B	Update to add security parameter to ECS address IE	18.7.0
2024-06	CT#104	CP-241163	6249	4	C	5GMM cause code #15 indicating Satellite NG-RAN not allowed in PLMN	18.7.0
2024-06	CT#104	CP-241227	6149	3	F	Correction of the procedure's name	18.7.0
2024-06	CT#104	CP-241231	6162	4	F	Disaster return wait range timer	18.7.0
2024-09	CT#105	CP-242165	6330	-	A	Adding inclusion criteria and correcting information element	18.8.0

2024-09	CT#105	CP-242167	6398	-	F	Collision handling for NSSAA procedure and MRU for release connection	18.8.0
2024-09	CT#105	CP-242205	6334	1	F	Correction of IEI for Protocol description IE	18.8.0
2024-09	CT#105	CP-242184	6365	1	F	Handling of PDU session reactivation in the Mobility registration update procedure	18.8.0
2024-09	CT#105	CP-242184	6410	1	F	Network slice replacement including an on-demand S-NSSAI	18.8.0
2024-09	CT#105	CP-242167	6338	1	F	5GMM capability IE definition errors	18.8.0
2024-09	CT#105	CP-242184	6347	1	F	Correction to the 5GMM capability IE because of implementation error of CR6034	18.8.0
2024-09	CT#105	CP-242201	6427	1	F	Clarification to triggering registration procedure after unavailability period when UE needs to report unavailability	18.8.0
2024-09	CT#105	CP-242167	6352	1	F	Clarification for coding and usage of UE POLICY PROVISIONING REQUEST message	18.8.0
2024-09	CT#105	CP-242167	6387	1	F	Correction of incomplete timer table for T3540	18.8.0
2024-09	CT#105	CP-242190	6391	1	F	Correction to requirements upon determining that a disaster condition has ended for MINT because of implementation collision of CR6074 and CR6162	18.8.0
2024-09	CT#105	CP-242167	6405	1	F	Update description on requirements to be met for MT SMSoIP	18.8.0
2024-09	CT#105	CP-242171	6434	1	F	Resolution of editor's notes on Maximum time offset	18.8.0
2024-09	CT#105	CP-242193	6341	1	F	Correction for undefined names	18.8.0
2024-09	CT#105	CP-242177	6345	2	F	Add list of supported PLMNs with ECSP information to the ECS address information	18.8.0
2024-09	CT#105	CP-242205	6348	2	F	Correction to the uplink PDU set handling at the UE side	18.8.0
2024-09	CT#105	CP-242171	6002	8	F	No T3540 entering unavailability period	18.8.0
2024-09	CT#105	CP-242183	6424	2	F	FSNPN in shared network	18.8.0
2024-09	CT#105	CP-242199	6301	4	F	Handling of ecall timers during intersystem between 2G/3G and 5G	18.8.0
2024-09	CT#105	CP-242171	6342	2	F	Corrections for Cause value 15, satellite disabling	18.8.0
2024-09	CT#105	CP-242230	6429	4	F	Correction to the Note for UEs supporting MUSIM	18.8.0
2024-12	CT#106	CP-243206	6526	1	F	Correction to #62 handling in Initial registration	18.9.0
2024-12	CT#106	CP-243187	6446	1	F	Conditions when to remove alternative S-NSSAI from configured NSSAI	18.9.0
2024-12	CT#106	CP-243182	6479	1	F	AMF provision of unavailability information at DC only	18.9.0
2024-12	CT#106	CP-243209	6494	1	F	Correction to the 5G-RG de-registration	18.9.0
2024-12	CT#106	CP-243182	6551	3	F	AMF indication for unavailability	18.9.0
2024-12	CT#106	CP-243187	6620	-	F	Correction on handling of the slice deregistration inactivity timer	18.9.0
2024-12	CT#106	CP-243187	6580	1	F	Paging procedure for PDU session associated with partially allowed S-NSSAI	18.9.0
2025-03	CT#107	CP-250183	6650	6	F	ATSSS capability IE	18.10.0
2025-03	CT#107	CP-250170	6660		A	Lost text on REGISTRATION COMPLETE upon received 5G-GUTI in initial registration	18.10.0
2025-03	CT#107	CP-250182	6662	1	F	Extended CAG information list coding correction	18.10.0
2025-03	CT#107	CP-250178	6742	2	F	Starting Slice deregistration inactivity timer when the on-demand S-NSSAI is added to allowed NSSAI	18.10.0
2025-06	CT#108	CP-251198	6844	1	F	Add missing posSibType to ciphering key data	18.11.0
2025-06	CT#108	CP-251198	6841	1	F	Access category correction for MT call and MT SMSoIP	18.11.0
2025-06	CT#108	CP-251202	6802	1	F	Correction to payload type and spare value handling for PD-Rel18	18.11.0
2025-06	CT#108	CP-251200	6812	2	A	Addition of abnormal case handling for UE requested MA PDU session with invalid capabilities	18.11.0
2025-06	CT#108	CP-251153	6504	7	F	User plane resource request PDU associated with S-NSSAI not in the allowed S-NSSAI for the current TA	18.11.0
2025-06	CT#108	CP-251154	6868	1	F	Correction related to the depreciation of the ATSSS-ST field	18.11.0
2025-06	CT#108	CP-251154				Editorial Corrections	18.11.1
2025-09	CT#109	CP-252138	7007	1	F	Correction to capability IE and table reference	18.12.0
2025-09	CT#109	CP-252137	6972	1	F	User plane reactivation for always-on PDU session	18.12.0
2025-09	CT#109	CP-252137	6944	2	F	User plane resource request is prohibited for an always-on PDU session associated with an S-NSSAI not allowed by S-NSSAI location validity information	18.12.0
2025-09	CT#109	CP-252132	6962	1	F	Correction on the additional info IE handling for UPP-CMI container type	18.12.0