

ID	Jnique_IC	Name	Acronym	Outline Level	Release	Resou Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name			
												Nov	Qtr 1, 2014 Jan	Mar
1	0	Version 2013 December 11	-	1	-	-	07/12/1998	24/12/2015	81%	-	-			
2	0	Rel-12 Stage 1 frozen 03/2013	-	1	-	-	03/01/2000	03/01/2000	0%	-	-			
3	0	Rel-12 Stage 2 frozen 12/2013	-	1	-	-	03/01/2000	03/01/2000	0%	-	-			
4	0	Rel-12 Stage 3 freeze 06/2014	-	1	-	-	03/01/2000	03/01/2000	0%	-	-			
5	0	Gantt: dark blue=done; light blue=to be done; grey: previous values; black=summary	-	1	-	-	03/01/2000	03/01/2000	0%	-	-			
6	0	Release 13 Features	-	1	Rel-13	SP	12/03/2013	25/12/2015	0%	-	-			
7	600045	RAN Sharing Enhancements	RSE	1	Rel-13	S1	19/06/2013	11/12/2013	100%	SP-130330	NEC			
9	610030	Service Exposure and Enablement Support	SEES	1	Rel-13	S1	12/09/2013	17/09/2014	15%	SP-130505	KPN			
12	620063	Service Requirements Maintenance for Machine-Type Communications (MT)	SRMMTC	1	Rel-13	S1	11/12/2013	10/12/2014	0%	SP-130600	KPN			
13	620064	Mission Critical Push To Talk over LTE	MCPTT	1	Rel-13	S1	11/12/2013	17/09/2014	0%	SP-130721	NIST			
15	620062	Security Assurance Specification for 3GPP network products	SCAS	1	Rel-13	S3	09/12/2013	18/03/2015	0%	SP-130718	ina Mobile			
19	610034	(Small) Technical Enhancements and Improvements for Rel-13	TE113	1	Rel-13	All	11/09/2013	24/12/2015	0%	not applicable	-			
20	0	Release 13 Studies	-	1	Rel-13	SP	12/03/2013	25/12/2015	0%	-	-			
21	570034	Study on Application specific Congestion control for Data Communication	FS_ACDC	1	Rel-13	S1	13/09/2012	18/06/2014	50%	SP-130415	DOCOMO			
22	600046	Study on Isolated E-UTRAN Operation for Public Safety	FS_IOPS	1	Rel-13	S1	21/06/2013	18/06/2014	50%	SP-130596	Broadband			
23	610031	Study on enhancements for Infrastructure based data Communication Betw	FS_elCBD	1	Rel-13	S1	12/09/2013	17/09/2014	10%	SP-130418	KPN			
24	610032	Study on need for Multiple Access Point Names	FS_MAPN	1	Rel-13	S1	12/09/2013	07/03/2014	20%	SP-130416	& Devrient			
25	610033	Study on Co-ordinated packet data network gateway (P-GW) change for SIP	FS_CSIPTO	1	Rel-13	S1	12/09/2013	10/12/2014	15%	SP-130417	Intel			
26	620069	Study on Flexible Mobile Service Steering	FS_FMSS	1	Rel-13	S1	11/12/2013	17/09/2014	0%	SP-130597	ina Mobile			
27	620070	Study on Enhanced Calling Information Presentation	FS_ECIP	1	Rel-13	S1	11/12/2013	18/06/2014	0%	SP-130598	ina Mobile			
28	620071	Study on Multimedia Broadcast Supplement for Public Warning System (PW	FS_MBSP	1	Rel-13	S1	11/12/2013	17/09/2014	0%	SP-130599	Qualcomm			
29	620059	Study on Application and Partitioning of Itf-N	FS_OAM_AP_	1	Rel-13	S5	11/12/2013	10/12/2014	0%	SP-130681	ina Mobile			
30	0	Release 12 Features	-	1	Rel-12	RP,GP	04/10/2011	12/03/2014	0%	-	-			
31	0	Stage 1 - ONLY Features	-	1	Rel-12	SP,CP	27/09/2011	05/03/2014	0%	-	-			
32	490030	SIPTO Service Continuity of IP Data Session	SIPTO_SC	1	Rel-12	S1	23/09/2010	21/09/2011	100%	SP-100589	Vodafone			
34	500031	Interworking between Mobile Operators using the Evolved Packet System a	MOSAP	1	Rel-12	S1,S2	16/12/2010	11/12/2013	100%	SP-120427	Cisco			
38	520027	IMS Network-Independent Public User Identities	INIPUI	1	Rel-12	S1	08/06/2011	20/06/2012	100%	SP-120425	Vodafone			
40	530043	Service and Media Reachability for Users over Restrictive Firewalls	SMURFs	1	Rel-12	S1	21/09/2011	20/06/2012	100%	SP-110653	Vodafone			
42	550024	Advanced IP Interconnection of Services (IPXS) for national interconnect	IPXS_NAT	1	Rel-12	S1	06/03/2012	12/09/2012	100%	SP-120428	KPN			
44	550025	Integration of Single Sign-On (SSO) frameworks with 3GPP networks	SSO_Int	1	Rel-12	S1	08/03/2012	12/09/2012	100%	SP-120184	terDigital			
46	560019	Explicit Communication Transfer Blind (ECT Blind) service interactions	ECTB	1	Rel-12	S1	18/06/2012	20/06/2012	100%	SP-120301	Orange			
48	570027	IMS access via Digital Video Broadcast - Return Channel via Satellite (DVB-	IMSSat	1	Rel-12	S1	02/02/2012	12/09/2012	100%	SP-120543	KPN			
50	580060	Sequential Flexible Alerting	SEQ_FA	1	Rel-12	S1	10/12/2012	12/12/2012	100%	SP-120895	Orange			
52	580061	Language and Modality Information for communications	LangInfo	1	Rel-12	S1	11/12/2012	06/03/2013	100%	SP-130108	Orange			
54	590040	Emergency Session Identification	ESID	1	Rel-12	S1	04/03/2013	06/03/2013	100%	SP-130126	com Italia			
56	590042	Prevention of Mobile-Originating signalling and/or data traffic of UE in Con	PMOC	1	Rel-12	S1	04/03/2013	06/03/2013	100%	SP-130111	DOCOMO			
58	570029	Deleted - User Plane Congestion management	UPCON	1	Rel-12	S1,S2	02/02/2012	11/12/2013	100%	SP-120890	KDDI			
62	590041	Deleted - Application and Service Access Control	ASAC	1	Rel-12	S1	06/03/2013	19/06/2013	100%	SP-130124	DOCOMO			
64	0	SA1/SA2 Features	-	1	Rel-12	CP,RP	27/09/2011	05/03/2014	0%	-	-			
65	500028	LIPA Mobility and SIPTO at the Local Network	LIMONET	1	Rel-12	C1,R3	15/10/2010	13/06/2014	98%	SP-120926	Huawei			
77	510049	Operator Policies for IP Interface Selection	OPIIS	1	Rel-12	S2,C1	23/03/2011	06/12/2013	100%	SP-120738	lectronics			
81	520029	Short Message Service (SMS) submit and delivery without MSISDN in IMS	SMSMI	1	Rel-12	C1,C4	08/06/2011	06/12/2013	100%	SP-120321	NSN			
87	530042	IMS-based Telepresence	IMS_TELEP	1	Rel-12	C3,C4	22/09/2011	13/06/2014	39%	SP-110588	Orange			

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94	560020	Group Communication System Enablers for LTE	GCSE_LT	1	Rel-12	,S2,S3	18/06/2012	18/06/2014	39%	SP-130397	NSN			
100	560022	Machine-Type and other mobile data applications Communications enhance	MTCe	1	Rel-12	,R2,R3	10/12/2009	13/06/2014	78%	SP-130327	Intel			
119	560024	Policy and Charging Control for supporting fixed broadband access network	P4C	1	Rel-12	,C1,C4	20/06/2012	18/06/2014	77%	SP-120443	Huawei			
137	560025	IMS Business Trunking for IP-PBX in Static Mode of Operation	BusTI	1	Rel-12	,C1,C3	28/09/2011	06/03/2014	74%	SP-120862	Telekom			
144	560026	WLAN Network Selection for 3GPP Terminals	WLAN_NS	1	Rel-12	,S3,C1	18/06/2012	13/06/2014	87%	SP-120847	Intel			
149	570028	IMS Registration Control	IMS_RegCon	1	Rel-13	,C1,C4	31/01/2012	13/06/2014	31%	SP-120735	ina Mobile			
155	580059	Proximity-based Services	ProSe	1	Rel-12	,S2,S3	13/12/2012	18/06/2014	32%	SP-130715	Qualcomm			
161	580062	Web Real Time Communication access to IMS	IMS_WebI	1	Rel-12	,S2,S3	14/12/2012	18/06/2014	50%	SP-130707	ina Mobile			
167	580063	Usage Monitoring Control PCC enhancement	UMONC	1	Rel-12	S2,C3	13/12/2012	06/09/2013	100%	SP-120928	ZTE			
170	590039	Application Based Charging	ABC	1	Rel-12	,S5,C3	07/03/2013	07/03/2014	91%	SP-130328	Communications			
174	610038	Enhanced S2a Mobility Over trusted WLAN access to EPC	eSaMOG	1	Rel-12	,C1,C4	09/09/2013	13/06/2014	43%	SP-130391	ZTE			
179	610039	Optimized Offloading to WLAN in 3GPP-RAT Mobility	WORM	1	Rel-12	S2,C1	12/09/2013	06/03/2014	53%	SP-130392	BlackBerry			
182	610040	Network-provided Location information for IMS Trusted WLAN Access Network	NETLOC_	1	Rel-12	,C1,C4	12/09/2013	13/06/2014	23%	SP-130393	tel-Lucent			
188	620061	Core Network Overload - User Location Information reporting improvement	CNO-ULI	1	Rel-12	S2	11/12/2013	07/03/2014	90%	SP-130717	tel-Lucent			
190	560028	Rel-12 Security small Enhancements	SEC12	1	Rel-12	S3	23/03/2011	18/06/2014	70%	not applicable	-			
191	510054	Security aspects of Public Warning System	PWS_Sec	1	Rel-12	S3,S1	23/03/2011	18/06/2014	81%	SP-120434	-Ericsson			
199	520031	Security enhancements for usage of Generic Bootstrapping Architecture (G	Web_GBA	1	Rel-12	S3	08/06/2011	19/06/2013	100%	SP-120890	Nokia			
200	560030	Extended IMS media plane security features	eMEDIASEC	1	Rel-12	,IETF	20/06/2012	06/03/2014	43%	SP-120447	Vodafone			
210	570032	Lawful Interception in the 3GPP Rel-12	LH2	1	Rel-12	S3	17/09/2012	12/09/2014	60%	SP-130650	tel-Lucent			
211	580064	Tunnelling of UE Services over Restrictive Access Networks (Stage 2/3)	TURAN	1	Rel-12	S3,C1	13/12/2012	06/03/2014	80%	SP-130245	ne Packet			
214	620065	Specification of the TUAK Algorithm Set	STAS	1	Rel-12	S3	09/12/2013	07/03/2014	90%	SP-130647	Vodafone			
215	470030	Codec for Enhanced Voice Services	EVS_codec	1	Rel-12	S4,S1	25/03/2010	12/12/2014	75%	SP-100202	Huawei			
219	560040	Coordination of Video Orientation	CVO	1	Rel-12	,C1,C3	07/06/2012	06/12/2013	100%	SP-120228	Ericsson			
225	570033	High Efficiency Video Coding	HEVC	1	Rel-12	S4	12/09/2012	07/03/2014	70%	SP-130569	Qualcomm			
228	580065	Mobile stereoscopic 3D services extensions	M3DV_Ext	1	Rel-12	S4	12/12/2012	11/09/2013	100%	SP-120768	Huawei			
229	580066	IMS-based Streaming and Download Delivery Enhancements	IMS_SDE	1	Rel-12	S4	12/12/2012	07/03/2014	95%	SP-120767	Intel			
232	580067	Acoustic Requirements and Test methods for IMS-based conversational sp	ART_LTE	1	Rel-12	S4	12/12/2012	17/09/2014	54%	SP-120769	Qualcomm			
236	590043	MBMS Improvements	MI	1	Rel-12	S4	06/03/2013	18/06/2014	35%	SP-130024	Ericsson			
241	590044	End-to-End Multimedia Telephony Service for IMS (MTSI) extensions	E2EMTSI	1	Rel-12	,C1,C4	06/03/2013	17/09/2014	9%	SP-130670	Ericsson			
248	620066	Video Coding Enhancements in IMS Messaging and Presence	VCEIMP	1	Rel-12	S4	11/12/2013	07/03/2014	0%	SP-130579	Ericsson			
249	560031	Rel-12 Operations, Administration, Maintenance and Provisioning (OAM&P)	OAM12	1	Rel-12	S5	21/09/2011	18/06/2014	42%	not applicable	-			
275	570037	Rel-12 Charging	CH12	1	Rel-12	S5	12/12/2012	18/06/2014	30%	not applicable	-			
280	530018	IMS Emergency PSAP Callback (Stage 3)	EMC_PC	1	Rel-12	,IETF	21/09/2011	13/06/2014	85%	CP-130218	Ericsson			
285	570008	Interworking between a PLMN with WLAN to access the EPC and a PDN (St	SAES_WLAN_	1	Rel-12	C3	10/09/2012	06/09/2013	100%	CP-130395	Huawei			
286	580009	Reporting Enhancements in Warning Message Delivery (Stage 2/3)	REP_WMD	1	Rel-12	,C4,R3	07/12/2012	06/03/2014	79%	CP-130480	One2many			
291	580012	Single Radio Voice Call Continuity (SRVCC) before ringing (Stage 3)	bSRVCC	1	Rel-12	,C3,R5	07/12/2012	06/03/2014	68%	CP-130219	DOCOMO			
295	580013	IMS Stage 3 IETF Protocol Alignment - Phase 6	IMSProtoc6	1	Rel-12	,IETF	07/12/2012	13/06/2014	50%	CP-120905	tel-Lucent			
300	580016	SAE Protocol Development - Phase 3	SAES3	1	Rel-12	C1	07/12/2012	13/06/2014	50%	CP-120704	nterDigital			
304	580020	IM-SSF Application Server Service Data Descriptions (Stage 2/3)	IMS_SSFDD	1	Rel-12	C4,C1	07/12/2012	14/06/2013	100%	CP-120756	Huawei			
307	580023	Diameter based interface between SGSN and SMS central functions (Stage	Dia_SGSN_SI	1	Rel-12	C4,C1	10/12/2012	06/12/2013	100%	CP-130437	tel-Lucent			
310	580024	Diameter based interface between SGSN-GMLC (Stage 3)	Dia_SGSN_GI	1	Rel-12	C4	10/12/2012	06/12/2013	100%	CP-130598	Cisco			
311	590009	IMS impacts on UICC Application Aspects (Stage 3)	IMS_UAPAs	1	Rel-12	C6	04/03/2013	06/03/2014	15%	CP-130169	& Devrient			
312	590012	eMBMS restoration procedures	eMBMS_Rest	1	Rel-12	C4,C3	01/03/2013	06/12/2013	100%	CP-130432	tel-Lucent			

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315	590014	Dual Radio VCC enhancements (Stage 2/3)	eDRVCC	1	Rel-12	C1,C3	19/09/2012	06/12/2013	100%	CP-130091	Ericsson			
320	600009	CT aspects of Signalling of Image Size (Stage 2/3)	SIS_CT	1	Rel-12	C1,C3	14/06/2013	06/12/2013	100%	CP-130394	Ericsson			
324	600010	IMS Centralized Services (ICS) InterWorking Enhancement in Mobile Switch	ICS_IWE	1	Rel-12	C3	14/06/2013	06/12/2013	100%	CP-130352	Orange			
325	610002	GPRS Tunnelling Protocol for the Control plane (GTP-C) Overload Control	GOCMe	1	Rel-12	C4	06/09/2013	13/06/2014	45%	CP-130433	Cisco			
326	610004	Proxy Call Session Control Function (P-CSCF) restoration enhancements	PCSCF_RES	1	Rel-12	C4	06/09/2013	05/03/2014	40%	CP-130435	Ericsson			
327	610005	Support of Real-time Transport Protocol (RTP) / Real-time Transport Contr	RTCP_MUX	1	Rel-12	C1,C3	09/09/2013	13/06/2014	2%	CP-130436	tel-Lucent			
331	610008	Updating IMS to conform to RFC 6665 (Stage 3)	UP6665	1	Rel-12	C1,C3	09/09/2013	06/03/2014	83%	CP-130717	BlackBerry			
334	620004	IMS Operator Determined Call Barring enhancements (Stage 3)	IOBBe	1	Rel-12	C1,C3	06/12/2013	06/03/2014	0%	CP-130711	Ericsson			
337	620006	Signalling Improvements for Network Efficiency (Stage 3)	SINE	1	Rel-12	C1	06/12/2013	02/07/2014	5%	CP-130713	Huawei			
338	530002	Introduction of ER-GSM band for GSM-R	RT_ERGSM	1	Rel-12	33new	16/09/2011	28/02/2014	86%	GP-130889	Wireless			
342	570002	Downlink Multi Carrier GERAN	DMCG	1	Rel-12	33new	01/09/2012	13/06/2014	28%	GP-121158	Ericsson			
346	590033	Mobile Station Receive Diversity (MSRD) for Voice Services over Adaptive N	MSRD_VAMO	1	Rel-12	33new	01/03/2013	30/05/2014	60%	GP-130849	SN, Nokia			
350	620014	New Training Sequence Codes (TSC) for GERAN	NewToN	1	Rel-12	G2,C1	22/11/2013	29/08/2014	0%	GP-131139	Ericsson			
354	550016	Verification of radiated multi-antenna reception performance of UEs in LTE/	HSPA_LTE_m	1	Rel-12	R4	05/03/2012	06/12/2013	100%	RP-120368	Vodafone			
356	570021	Further enhancements to H(e)NB mobility - Part 3 (Stage 2/3)	EHNb_enh3	1	Rel-12	R3,R2	12/09/2012	06/12/2013	100%	RP-130741	tel-Lucent			
358	580037	LTE UE Total Radiated Power (TRP) and Total Radiated Sensitivity (TRS) an	LTE_UTRA_T	1	Rel-12	R4	15/03/2013	13/06/2014	15%	RP-130703	Nokia			
360	590019	Support for BeiDou Navigation Satellite System (BDS) for UTRA and LTE	LCS_BDS	1	Rel-12	33new	04/03/2013	29/08/2014	29%	RP-130416	CATR			
369	590030	Base Station (BS) RF requirements for Active Antenna System (AAS)	AAS_BS_LTE	1	Rel-12	R4	04/03/2013	05/12/2014	29%	RP-130373	Huawei			
372	600019	New Base Station specification structure	BSspec_struc	1	Rel-12	R4	18/06/2013	12/09/2014	7%	RP-130851	Ericsson			
375	600021	L-band for Supplemental Downlink in E-UTRA and UTRA	LTE_UTRA_S	1	Rel-12	R4	14/06/2013	13/06/2014	25%	RP-132041	Orange			
378	600027	LTE-HRPD (High Rate Packet Data in 3GPP2) inter-RAT SON	LTE_HRPD_S	1	Rel-12	C4,G2	18/06/2013	13/06/2014	84%	RP-130831	Telecom			
383	620042	Increasing the minimum number of carriers for UE monitoring in UTRA and	LTE_UTRA_Ir	1	Rel-12	R4,R3	06/12/2013	13/03/2015	0%	RP-132061	Ericsson			
386	620048	WLAN/3GPP Radio Interworking	UTRA_LTE_W	1	Rel-12	R2	06/12/2013	13/06/2014	0%	RP-132101	Intel			
388	0	Rel-12 LTE Carrier Aggregation	LTE_CA_Rel1	1	Rel-12	R4	19/09/2011	05/12/2014	43%	not applicable	-			
628	550017	LTE in the 1670-1675 MHz Band for US (on hold)	LTE_FDD_167	1	Rel-12	R2,R3	05/03/2012	05/12/2014	10%	RP-121397	ntSquared			
631	570017	LTE in the US Wireless Communications Service (WCS) Band	LTE_WCS_ba	1	Rel-12	R4,R2	12/09/2012	14/06/2013	100%	RP-130843	AT&T			
634	570019	Introduction of LTE 450 MHz band in Brazil	LTE450_Brazi	1	Rel-12	R4,R5	11/09/2012	06/12/2013	100%	RP-121414	Huawei			
638	570020	Further Downlink MIMO Enhancement for LTE Advanced	LTE_eDL_MIN	1	Rel-12	R1,R4	11/09/2012	12/09/2014	54%	RP-121416	tel-Lucent			
641	580027	Further Enhancements to LTE TDD for DL-UL Interference Management anc	LTE_TDD_eIN	1	Rel-12	R3,R4	14/12/2012	13/06/2014	35%	RP-121772	CATT			
644	580029	HetNet Mobility Enhancements for LTE	HetNet_eMOB	1	Rel-12	R2,R4	10/12/2012	06/03/2014	80%	RP-122007	tel-Lucent			
646	580030	Further enhancements for HeNB mobility-X2-GW	EHNb_enh2_	1	Rel-12	R3	10/12/2012	13/06/2014	65%	RP-122006	tel-Lucent			
648	580031	8 Rx Antennas for LTE UL	LTE_UL_8Rx	1	Rel-12	R4	10/12/2012	06/12/2013	100%	RP-121709	Telecom			
650	600012	Low cost & enhanced coverage MTC UE for LTE	LC_MTC_LTE	1	Rel-12	R2,R4	18/06/2013	13/03/2015	9%	RP-130848	Vodafone			
653	600013	LTE TDD-FDD joint operation including Carrier Aggregation	LTE_CA_TDD	1	Rel-12	R2,R4	18/06/2013	05/12/2014	22%	RP-131399	Nokia			
656	600014	LTE Coverage Enhancements	Cov_Enh_LTE	1	Rel-12	R2,R4	19/06/2013	12/09/2014	27%	RP-130833	Telecom			
659	610024	Further MBMS operations support for E-UTRAN	MBMS_LTE_C	1	Rel-12	R3,R4	09/09/2013	13/06/2014	20%	RP-131369	Verizon			
661	620040	Dual connectivity for LTE	LTE_SC_enh	1	Rel-12	R3,R4	06/12/2013	05/12/2014	0%	RP-132069	MO, NEC			
664	620041	E-UTRA Small cell enhancements - Physical layer aspects	LTE_SC_enh	1	Rel-12	R2,R4	06/12/2013	12/09/2014	0%	RP-132073	Huawei			
667	620047	Inter-eNB Coordinated Multi-Point (CoMP) for LTE	COMP_LTE_Ii	1	Rel-12	R3,R1	06/12/2013	13/06/2014	0%	RP-132103	Samsung			
669	510033	Deleted - Carrier based HetNet ICIC for LTE	LTE_CA_HetN	1	Rel-12	R1,R2	18/03/2011	14/06/2013	100%	RP-121198	Networks			
671	570025	Deleted - New Carrier Type for LTE	LTE_NCT	1	Rel-12	R2,R4	11/09/2012	06/09/2013	100%	RP-122028	Ericsson			
674	580028	HSPA signalling enhancements for more efficient resource usage for LCR	LCR_TDD_HS	1	Rel-12	R3,R4	10/12/2012	06/12/2013	100%	RP-121984	CATT			
677	600017	HNB Positioning for UTRA	UTRA_HNB_F	1	Rel-12	R3	18/06/2013	06/12/2013	100%	RP-132037	tel-Lucent			

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679	610025	Dedicated Channel (DCH) enhancements for UMTS	UTRA_DCHen	1	Rel-12	R3,R4	09/09/2013	13/06/2014	10%	RP-131357	Qualcomm			
682	610026	UMTS Mobility enhancements for heterogeneous networks	UTRA_hetnet	1	Rel-12	R3,R4	09/09/2013	13/06/2014	12%	RP-131348	Huawei			
685	620054	UMTS Heterogeneous Networks enhancements	UTRA_hetnet	1	Rel-12	R3,R4	06/12/2013	12/09/2014	0%	RP-132074	Huawei			
688	620055	Enhanced Broadcast of System Information	UTRA_SIBen	1	Rel-12	R3,R4	06/12/2013	05/12/2014	0%	RP-132077	Ericsson			
691	620049	Further Enhanced Uplink (EUL) enhancements	EDCH_enh	1	Rel-13	R2	06/12/2013	13/03/2015	0%	RP-132078	Ericsson			
694	560018	(Small) Technical Enhancements and Improvements for Rel-12	TEI12	1	Rel-12	All	02/07/2012	13/06/2014	50%	not applicable	-			
695	610001	Test - (Small) Technical Enhancements and Improvements for Rel-12	TEI12_Test	1	Rel-12	S3new	09/09/2013	11/12/2015	0%	not applicable	-			
696	0	Release 12 Studies	-	1	Rel-12	GP,RP	04/10/2011	12/03/2014	0%	-	-			
697	470020	Study on Alternatives to E.164 for Machine-Type Communications	FS_AMTC	1	Rel-12	S1	25/03/2010	07/03/2012	100%	SP-100198	Mobile USA			
698	480032	Study on enhancements for Machine-Type Communications (MTC)	FS_MTCe	1	Rel-12	S1	10/06/2010	06/03/2013	100%	SP-100448	Huawei			
699	490035	Study on Integration of Single Sign-On (SSO) frameworks with 3GPP network	FS_SSO_Int	1	Rel-12	S1	23/09/2010	07/03/2012	100%	SP-100640	InterDigital			
700	500035	Study on Continuity of Data Sessions to Local Networks	FS_CSN	1	Rel-12	S1	16/12/2010	14/12/2011	100%	SP-100885	NEC			
701	500036	Study on non-MTC Mobile Data Applications Impacts	FS_MODAL	1	Rel-12	S1	16/12/2010	14/12/2011	100%	SP-100889	Sina Mobile			
702	530044	Study on Proximity-based Services	FS_ProSe	1	Rel-12	S1	22/09/2011	05/03/2013	100%	SP-110638	Qualcomm			
703	540027	Study on User Plane Congestion management	FS_UPCON	1	Rel-12	S1	14/12/2011	12/09/2012	100%	SP-110819	KDDI			
704	540028	Study on RAN Sharing Enhancements	FS_RSE	1	Rel-12	S1	14/12/2011	19/06/2013	100%	SP-110820	NEC			
705	460025	Deleted - Study on UICC/USIM enhancements	FS_U2e	1	Rel-12	S1	10/12/2009	07/03/2012	100%	SP-090903	& Devrient			
706	520035	Deleted - Study on Usage Monitoring Control enhancement	FS_UMONC	1	Rel-12	S2,S1	08/06/2011	12/12/2012	100%	SP-120554	ZTE			
710	490034	Study on IMS based Peer-to-Peer Content Distribution Services (Stage 2)	FS_IMS_P2P	1	Rel-12	S1,S3	23/09/2010	12/12/2012	100%	SP-120622	Sina Mobile			
714	490036	Study on Core Network Overload solutions	FS_CNO	1	Rel-12	S2	23/09/2010	11/12/2013	100%	SP-120490	Huawei			
717	500037	Study on System Enhancements for Energy Efficiency	FS_SEEE	1	Rel-12	S2	16/12/2010	20/06/2012	100%	SP-100888	Huawei			
718	510061	Study on S2a Mobility based on GTP and WLAN access to EPC	FS_SaMOG	1	Rel-12	S2	23/03/2011	11/09/2013	100%	SP-120426	ZTE			
719	560037	Study on Optimized Offloading to WLAN in 3GPP-RAT Mobility	FS_WORM	1	Rel-12	S2	18/06/2012	11/09/2013	100%	SP-120261	BlackBerry			
720	560038	Study on Application Based Charging	FS_ABC	1	Rel-12	S2	18/06/2012	06/03/2013	100%	SP-120271	Communications			
721	410043	Study on Multi Access PDN connectivity and IP flow Mobility	FS_MAPIM	1	Rel-12	S2,S1	08/08/2008	12/12/2012	100%	SP-110452	Qualcomm			
724	560039	Deleted - Study on IP Flow Mobility support for S2a and S2b interfaces	FS_NBIFOM	1	Rel-12	S2	18/06/2012	06/03/2013	100%	SP-120742	ZTE			
725	480043	Study on Extended IMS Media Plane Security features	FS_eMEDIAS	1	Rel-12	S3	10/06/2010	06/03/2013	100%	SP-100256	Vodafone			
726	500034	Study on Security aspects of Integration of Single Sign-On (SSO) framework	FS_SSO_Int	1	Rel-12	S3	16/12/2010	07/03/2014	35%	SP-100734	Ericsson			
727	530047	Study on Firewall traversal (Stage 2)	FS_Fire	1	Rel-12	S3	17/06/2011	11/12/2013	75%	SP-120849	me Packet			
728	550026	Study on Security on spoofed call detection and prevention (Stage 2)	FS_SPOOF	1	Rel-12	S3	07/03/2012	11/12/2013	75%	SP-120030	Sina Mobile			
729	570035	Study on Security Assurance Methodology for 3GPP Network Elements	FS_SECAM	1	Rel-12	S3	13/09/2012	07/03/2014	90%	SP-120654	Orange			
730	610043	Study on Subscriber Privacy Impact in 3GPP	FS_SPI	1	Rel-12	S3	12/09/2013	18/06/2014	5%	SP-130399	Sina Unicomm			
731	540033	Study on Improved Support for Dynamic Adaptive Streaming over HTTP in 3GPP	FS_IS_DASH	1	Rel-12	S4	14/12/2011	07/03/2014	85%	SP-110887	Qualcomm			
732	590045	Study on Enhanced Acoustic Test Specifications	FS_SEATS	1	Rel-12	S4	06/03/2013	18/06/2014	15%	SP-130028	ience, Intel			
733	610044	Study on HTML5 for a new presentation layer in 3GPP services	FS_HTML5	1	Rel-12	S4	12/09/2013	18/06/2014	30%	SP-130357	Samsung			
734	470050	Study on version handling	FS_OAM_VH	1	Rel-12	S5	25/03/2010	12/12/2012	100%	SP-100082	Ericsson			
735	510046	Study on management of Heterogeneous Networks	FS_OAM_Het	1	Rel-12	S5	23/03/2011	07/03/2014	80%	SP-130046	Ericsson			
736	540032	Study on OAM aspects of Network Sharing	FS_OAM_SHA	1	Rel-12	S5	07/12/2011	11/09/2013	100%	SP-130044	nt, Huawei			
737	580052	Study on Alarm Management	FS_OAM_AM	1	Rel-12	S5	07/12/2012	11/09/2013	100%	SP-120774	eliaSonera			
738	610045	Study on Enhancements of OAM aspects of distributed Mobility Load Balancing	FS_D_SON_O	1	Rel-12	S5	12/09/2013	18/06/2014	10%	SP-130430	Cisco			
739	620060	Study on Charging aspects on Roaming End-to-end scenarios with VoLTE I	FS_REVOLTE	1	Rel-12	S5	11/12/2013	18/06/2014	0%	SP-130609	ie Telekom			
740	580025	Study on Indication of Network to Network Interface (NNI) Routing scenario	FS_NNI_RS	1	Rel-12	C3	10/12/2012	06/03/2014	95%	CP-130166	Ericsson			
741	580026	Study on Diameter Overload Control Mechanisms	FS_DOCME	1	Rel-12	C4	05/01/2012	06/03/2014	70%	CP-120917	Orange			

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742	590010	Study on Review of dedicated 3GPP UICC features	FS_Red_UCe	1	Rel-12	C6	04/03/2013	13/06/2014	15%	CP-130168	BlackBerry			
743	590011	Study on XML based access of AF to the PCRF	FS_XML_AF_I	1	Rel-12	C3	01/03/2013	12/06/2014	80%	CP-130167	atel-Lucent			
744	610010	Study on Technical aspects on Roaming End-to-end scenarios with VoLTE	FS_REVOLTE	1	Rel-12	C3	09/09/2013	06/03/2014	20%	CP-130774	ie Telekom			
745	620001	Study on Development of conformance requirements for the IP Multimedia	FS_ISIM_CR	1	Rel-12	C6	06/12/2013	13/06/2014	0%	CP-130812	Gemalto			
746	620002	Study on Shared Data Update for Multiple Subscribers	FS_SHARED_	1	Rel-12	C4	06/12/2013	07/03/2014	0%	CP-130809	Huawei			
747	460001	Study on GERAN improvements for Machine-Type Communications	FS_NIMTC_GI	1	Rel-12	G1,G2	24/05/2010	23/11/2012	100%	GP-092418	Ericsson			
748	490006	Study on Solutions for GSM/EDGE BTS Energy Saving	FS_Energy_BT	1	Rel-12	G1,G2	03/09/2010	28/02/2014	90%	GP-101638	, Vodafone			
749	520001	Study on Voice services over Adaptive Multi-user channels on One Slot (VA	FS_eVAMOS	1	Rel-12	G2,G1	20/05/2011	30/05/2014	80%	GP-110991	ile, Huawei			
750	520002	Study on GERAN enhancements for Mobile Data Applications	FS_GERAN_e	1	Rel-12	G2,G1	24/05/2011	30/05/2014	55%	GP-110999	Huawei			
751	590034	Study on Downlink MIMO	FS_DOMIMO	1	Rel-12	G1,G2	01/03/2013	17/02/2014	40%	GP-130288	NSN			
752	620012	Study on Power saving for Machine-Type Communications (MTC) devices	FS_uPoD	1	Rel-12	G2,G1	22/11/2013	27/02/2015	0%	GP-131136	ina Mobile			
753	620013	Study on UpLink MultiUser Multiple-Input Multiple-Output (UL MU-MIMO)	FS_UL_MU_M	1	Rel-12	G1,G2	22/11/2013	21/11/2014	0%	GP-131131	Huawei			
754	500016	Study on Inclusion of RF Pattern Matching Technologies as a positioning m	FS_LCS_LTE_	1	Rel-12	R4	10/12/2010	06/09/2013	100%	RP-120885	s Wireless			
755	530052	Study on Provision of low-cost MTC UEs based on LTE	FS_LC_MTC_I	1	Rel-12	,R2,R4	19/09/2011	14/06/2013	100%	RP-121441	Vodafone			
756	530054	Study on Mobile Relay for E-UTRA	FS_LTE_mobF	1	Rel-12	R3,R1	18/07/2007	13/06/2014	80%	RP-131375	CATT			
757	570022	Study on LTE FDD in the bands 1980-2010 MHz and 2170-2200 MHz	FS_LTE_1980	1	Rel-12	R4	11/09/2012	13/06/2014	50%	RP-131976	KT			
758	570023	Study on Scenarios and Requirements of LTE Small Cell Enhancements for	FS_LTE_SC_ε	1	Rel-12	RP	11/09/2012	07/12/2012	100%	RP-121418	ina Mobile			
759	580041	Study on Small Cell Enhancements for E-UTRA and E-UTRAN – Physical-lay	FS_LTE_SC_ε	1	Rel-12	,R2,R4	10/12/2012	06/12/2013	100%	RP-122032	Huawei			
760	580044	Study on Small Cell Enhancements for E-UTRA and E-UTRAN – Higher-lay	FS_LTE_SC_ε	1	Rel-12	R2,R3	10/12/2012	06/12/2013	100%	RP-122033	DOCOMO			
761	580038	Study on LTE Device to Device Proximity Services - Radio Aspects	FS_LTE_D2D_	1	Rel-12	,R3,R4	10/12/2012	06/03/2014	60%	RP-122009	Qualcomm			
762	580042	Study on 3D-channel model for Elevation Beamforming and FD-MIMO studi	FS_LTE_3D_c	1	Rel-12	R1	10/12/2012	06/03/2014	55%	RP-130811	NSN			
763	580046	Study on Energy Saving Enhancement for E-UTRAN	FS_Netw_Ene	1	Rel-12	R3	10/12/2012	13/06/2014	65%	RP-122035	ina Mobile			
764	590016	Study on Expansion of LTE_FDD_1670_US to include 1670-1680MHz Band f	FS_LTE_FDD_	1	Rel-12	R4	01/03/2013	06/03/2014	75%	RP-130202	htSquared			
765	590017	Study on Cell-specific Reference Signals (CRS) Interference Cancellation fo	FS_LTE_CRSl	1	Rel-12	R4	04/03/2013	06/12/2013	100%	RP-131840	Ericsson			
766	590018	Study on Network-Assisted Interference Cancellation and Suppression for I	FS_LTE_NAIC	1	Rel-12	R1,R4	04/03/2013	06/12/2013	75%	RP-130404	MediaTek			
767	600015	Study on Coordinated Multi-Point (CoMP) operation for LTE with Non-Ideal	FS_COMP_LT	1	Rel-12	R1	18/06/2013	06/12/2013	100%	RP-130847	Samsung			
768	600020	Study on Positioning enhancements for E-UTRA	FS_LCSenh_L	1	Rel-12	R4,R1	18/06/2013	13/06/2014	35%	RP-130680	Huawei			
769	610028	Study on Group Communication for LTE	FS_LTE_GC	1	Rel-12	R2,R3	09/09/2013	06/03/2014	70%	RP-131382	atel-Lucent			
770	610029	Study on Smart Congestion Mitigation in E-UTRAN	FS_SCM_LTE	1	Rel-12	R2	09/09/2013	06/03/2014	75%	RP-132092	Electronics			
771	620044	Study on RAN aspects of RAN Sharing Enhancements for LTE	FS_RSE-RAN	1	Rel-12	R3	06/12/2013	13/06/2014	0%	RP-132116	NEC			
772	530056	Study on RF and EMC requirements for active Antenna Array System (AAS)	FS_AAS_BS_I	1	Rel-12	R4,R1	19/09/2011	01/03/2013	100%	RP-111349	Huawei			
773	550020	Study on LTE-HRPD (High Rate Packet Data in 3GPP2) inter-RAT SON	FS_LTE_HRPD	1	Rel-12	R3	02/03/2012	14/06/2013	100%	RP-121982	ia Telekom			
774	550021	Study on Passive InterModulation (PIM) handling for UTRA and LTE Base S	FS_BS_PIM	1	Rel-12	R4,G1	05/03/2012	06/09/2013	100%	RP-120268	Ericsson			
775	580045	Study on WLAN/3GPP Radio Interworking	FS_UTRA_LTI	1	Rel-12	R2	10/12/2012	06/12/2013	100%	RP-122038	Intel			
776	580047	Study on RAN Enhancements for UMTS/HSPA and LTE Interworking	FS_HSPA_LTI	1	Rel-12	R3	10/12/2012	06/12/2013	100%	RP-122036	na Unicom			
777	580048	Study on Next-Generation SON for UTRA and LTE	FS_UTRA_LTI	1	Rel-12	R3	10/12/2012	13/06/2014	70%	RP-122037	NSN			
778	580049	Study on 2GHz FDD for UTRA and LTE in Region 1 (1980-2010MHz and 2170	FS_UTRA_LTI	1	Rel-12	R4	11/12/2012	13/06/2014	40%	RP-122031	aris Mobile			
779	580050	Study on Base Station specification structure	FS_BSspec_sl	1	Rel-12	R4	10/12/2012	14/06/2013	100%	RP-122039	Ericsson			
780	590032	Study on RAN aspects of Machine Type and other mobile data applications	FS_MTCe_RA	1	Rel-12	R2	01/03/2013	06/09/2013	100%	RP-130396	ZTE			
781	620045	Study on Multi-RAT joint coordination	FS_MultiRAT_	1	Rel-12	R3	06/12/2013	05/12/2014	0%	RP-132086	ina Mobile			
782	570024	Study on UMTS heterogeneous networks	FS_UTRA_het	1	Rel-12	,R2,R3	11/09/2012	06/12/2013	100%	RP-121436	Huawei			
783	580039	Study on Scalable UMTS FDD bandwidth	FS_UTRA_SC	1	Rel-12	R1,R4	10/12/2012	06/03/2014	98%	RP-130221	na Unicom			
784	620046	Study on Scalable bandwidth UMTS by Filtering	FS_UTRA_SC	1	Rel-12	R1	06/12/2013	06/03/2014	0%	RP-132122	na Unicom			

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785	580040	Study on Dedicated Channel (DCH) enhancements for UMTS	FS_UTRA_DC	1	Rel-12	R1	10/12/2012	06/09/2013	100%	RP-130216	Qualcomm			
786	580043	Study on Further Enhanced Uplink (EUL) enhancements	FS_EDCH_enl	1	Rel-12	R1,R3	10/12/2012	06/12/2013	100%	RP-130347	Ericsson			
787	600018	Study on HNB Emergency Warning Area for UTRA	FS_HNB_warr	1	Rel-12	R3	18/06/2013	06/03/2014	60%	RP-131258	Ip.access			
788	610027	Study on Enhanced Broadcast of System Information	FS_UTRA_SIE	1	Rel-12	R2,R1	09/09/2013	06/12/2013	100%	RP-131386	Ericsson			
789	0	Release 11 Features	-	1	Rel-11	GP,RP	29/03/2010	07/12/2012	95%	-	-			
790	470051	Advanced IP Interconnection of Services	IPXS	1	Rel-11	C1,C3	25/03/2010	12/09/2012	100%	SP-100876	Telefónica			
796	480030	System Improvements to Machine-Type Communications	SIMTC	1	Rel-11	R3,R5	10/12/2009	06/03/2014	99%	SP-120848	KPN			
845	480031	Unstructured Supplementary Service Data (USSD) simulation service in IMS	USSI	1	Rel-11	C1,C3	10/06/2010	07/12/2012	100%	SP-100408	Telekom			
850	490031	QoS Control Based on Subscriber Spending Limits	QoS_SSL	1	Rel-11	S5,C3	23/09/2010	20/06/2012	100%	SP-110519	Vodafone			
855	490032	Optimized Service Charging and Allocation of Resources in IMS whilst Roaming	OSCAR	1	Rel-11	S1,S2	23/09/2010	07/03/2012	100%	SP-110347	Vodafone			
859	530021	Inclusion of Media Resource Broker (Stage 2/3)	MRB	1	Rel-11	3,IETF	16/09/2011	14/06/2013	100%	CP-120277	AT&T			
865	500030	Non Voice Emergency Services	NOVES	1	Rel-11	S1,S2	16/12/2010	07/03/2012	100%	SP-100884	Qualcomm			
868	510047	Support for 3GPP Voice Interworking with Enterprise IP-PBX	VINE	1	Rel-11	S1,C1	23/03/2011	01/03/2013	100%	SP-110176	Systems			
872	520028	Anonymous Call Rejection in the CS domain	ACR_CS	1	Rel-11	C4,C3	07/06/2011	02/12/2011	100%	SP-110421	tel-Lucent			
877	460026	Support for BroadBand Forum Accesses Interworking	BBAI	1	Rel-11	4,IETF	10/12/2009	12/12/2012	100%	SP-120539	Ericsson			
903	480035	Single Radio Voice Call Continuity (SRVCC) aspect of enhancements for MTC	eMPS_SRVCC	1	Rel-11	S2	10/06/2010	14/12/2011	100%	SP-110346	DoCoMo			
906	500026	Single Radio Video Call Continuity for 3G-CS	vSRVCC	1	Rel-11	C3,C4	15/10/2010	15/06/2012	100%	SP-100704	Samsung			
912	480038	Network-provided Location information for IMS (NETLOC)	NWK-PL2IMS	1	Rel-11	C4,C1	10/06/2010	01/03/2013	100%	SP-110631	T-Mobile			
921	500032	Service Awareness and Privacy Policies	SAPP	1	Rel-11	S1,C3	12/10/2010	02/12/2011	100%	SP-100882	unications			
925	500033	VPLMN Autonomous CSG Roaming	VCSG	1	Rel-11	S2,C4	15/10/2010	14/12/2011	100%	SP-100706	Qualcomm			
928	510048	Data Identification in Access Network Discovery and Selection Function (ANDSF)	DIDA	1	Rel-11	S2,C1	23/03/2011	07/12/2012	100%	SP-110084	Qualcomm			
932	510050	Location-Based Selection of gateways for WLAN	LOBSTER	1	Rel-11	S2,C4	23/03/2011	15/06/2012	100%	SP-110752	ZTE			
937	530001	Single Radio Voice Call Continuity from UTRAN/GERAN to E-UTRAN/HSPA	rSRVCC	1	Rel-11	R2,R3	12/09/2011	22/11/2013	100%	SP-110475	Orange			
946	530046	S2a Mobility based On GTP and WLAN access to EPC	SaMOG_WLA	1	Rel-11	3,IETF	22/09/2011	13/06/2014	88%	SP-110642	ZTE			
953	540029	Roaming Architecture for Voice over IMS with Local Breakout	RAVEL	1	Rel-11	C1,C3	28/11/2011	07/12/2012	100%	SP-110885	Telekom			
959	560027	IMS Overload Control	IOC	1	Rel-11	3,IETF	18/06/2012	13/06/2014	83%	SP-120273	ina Mobile			
967	520030	Rel-11 Security small Enhancements	SEC11	1	Rel-11	S3	08/06/2011	12/09/2012	100%	not applicable	-			
968	520032	Lawful Interception in the 3GPP Rel-11	LI11	1	Rel-11	S3	10/06/2011	20/06/2012	100%	SP-110424	atel-Lucent			
969	440055	ZUC EEA3 and EIA3 (new Encryption & Integrity EPS security Algorithms)	EEA3_EIA3	1	Rel-11	S3,R5	04/06/2009	07/09/2012	100%	SP-090457	CATR			
972	480039	Specification of Protection against Unsolicited Communication for IMS (protection)	SPUCI	1	Rel-11	S3	10/06/2010	07/03/2012	100%	SP-100428	NEC			
973	510053	H(e)NB security features for UE mobility scenarios (Stage 2)	HNB_mob_Sei	1	Rel-11	S3	23/03/2011	07/03/2012	100%	SP-110025	Huawei			
974	540012	Generic Bootstrapping Architecture (GBA) extensions for re-use of SIP Digest	GBA-ext	1	Rel-11	C4,C1	02/12/2011	07/09/2012	100%	SP-110884	Nokia			
979	520033	Extensions of Acoustic Test Specifications in TS 26.131 and TS 26.132	Ext_ATS	1	Rel-11	S4	08/06/2011	12/09/2012	100%	SP-110309	Qualcomm			
980	530048	Enhancements to Multimedia: PSS, MMS, and MBMS Enhancements and Protection	EMM	1	Rel-11	S4	07/09/2011	06/03/2013	100%	SP-120025	Qualcomm			
984	560041	Mobile 3D Video Coding	M3DV	1	Rel-11	S4	07/06/2012	12/09/2012	100%	SP-120229	Orange			
985	510051	Rel-11 Operations, Administration, Maintenance and Provisioning (OAM&P)	OAM11	1	Rel-11	S5	23/03/2011	06/03/2013	100%	not applicable	-			
997	510052	Rel-11 Charging Management small Enhancements	CH11	1	Rel-11	S5	25/03/2010	12/12/2012	100%	not applicable	-			
1001	510029	Transit Inter Operator Identifier for IMS Interconnection Charging in multi operator	IOI_IMS_CH	1	Rel-11	S1,C1	27/10/2010	15/06/2012	100%	SP-110132	Telekom			
1005	480011	User Data Convergence - Data Model	UDC_DM	1	Rel-11	C4,S1	25/03/2010	07/09/2012	100%	CP-110384	com Italia			
1009	510004	Definition of the UICC Application for Hosting Party Module	HPM_UICC	1	Rel-11	C6	18/03/2011	15/06/2012	100%	CP-110289	Gemalto			
1010	520007	Usability improvement of Inter-IMS Network to Network Interface (II-NNI) specification	NNI_OI	1	Rel-11	C3	07/06/2011	15/06/2012	100%	CP-110533	NTT			
1011	520008	enhanced Nodes Restoration for EPC (Stage 2/3)	eNR_EPC	1	Rel-11	3,IETF	03/06/2011	06/12/2013	100%	CP-120449	ZTE			
1016	520009	Reference Location Information (Stage 3)	RLI	1	Rel-11	C4,C1	03/06/2011	16/09/2011	100%	CP-110386	Huawei			

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1019	520010	IMS Stage 3 IETF Protocol Alignment - phase 5	IMSProtoc5	1	Rel-11	3, IETF	07/06/2011	13/06/2014	86%	CP-110437	tel-Lucent			
1025	530003	Service Identification for RRC Improvements in GERAN (Stage 2/3)	SIRIG	1	Rel-11	C3, G2	19/09/2011	07/09/2012	100%	CP-120033	na Mobile			
1031	530019	SAE Protocol Development - Phase 2	SAES2	1	Rel-11	C1	16/09/2011	07/09/2012	100%	CP-110639	Networks			
1034	530020	GCSMSC and GCR Redundancy for VGCS/VBS (Stage 2/3)	RT_VGCS_Re	1	Rel-11	C1	19/09/2011	07/09/2012	100%	CP-120279	Networks			
1037	540015	Support of RFC 6140 in IMS	GINI	1	Rel-11	C1	02/12/2011	07/09/2012	100%	CP-110760	ie Telekom			
1038	540017	Enhancements for Multimedia Priority Service (MPS) – Gateway Control Pri	eMPS_Gatew	1	Rel-11	C4, C3	02/12/2011	07/09/2012	100%	CP-110806	Telcordia			
1041	550007	Inter-IMS Network to Network Interface (II-NNI) enhancements: SIP timers a	NNI_timers	1	Rel-11	C3	02/03/2012	07/09/2012	100%	CP-120082	ecom Italia			
1042	560005	AT commands for Universal Resource Identifier (URI) support	ATURI	1	Rel-11	C1	15/06/2012	01/03/2013	100%	CP-120275	Intel			
1043	560006	PS Additional Number (Stage 3)	PSAN	1	Rel-11	C4	15/06/2012	07/09/2012	100%	CP-120253	ie Telekom			
1044	560007	Generic IMS User Group Over Sh	GenUG_Sh	1	Rel-11	C4	15/06/2012	07/09/2012	100%	CP-120254	atel-Lucent			
1045	570010	IMS Operator Determined Call Barring	IODB	1	Rel-11	C1, C4	07/09/2012	14/06/2013	100%	CP-120685	Orange			
1048	570011	Enhanced T.38 FAX support (Stage 3)	MMTel_T.38_I	1	Rel-11	C1, C4	06/09/2012	07/12/2012	100%	CP-120673	NEC			
1052	540016	<i>Deleted - Enhancement of the Protocols for SMS over SGs (Stage 3)</i>	PROTOC_SM	1	Rel-11	C4, C1	02/12/2011	15/06/2012	100%	CP-120034	itel-Lucent			
1056	510001	Full Support of Multi-Operator Core Network by GERAN	Full_MOCN-G	1	Rel-11	S2, C1	04/03/2011	17/05/2013	100%	GP-121090	tel-Lucent			
1063	540003	Medium range/local area requirements for multicarrier BTS	MRLA	1	Rel-11	G1	25/11/2011	23/11/2012	100%	GP-111780	Ericsson			
1066	550023	Domain Specific Access Control in GERAN	GDSAC	1	Rel-11	G2	05/03/2012	31/08/2012	100%	GP-120452	Vodafone			
1067	500020	Extending 850 MHz Upper Band (814 – 849 MHz)	e850_UB	1	Rel-11	R3, R5	10/12/2010	01/03/2013	100%	RP-111396	Sprint			
1071	530030	Further Self Optimizing Networks (SON) enhancements	SONenh2_LTI	1	Rel-11	R3, R2	19/09/2011	07/12/2012	100%	RP-120314	Networks			
1073	530033	Enhancement of Minimization of Drive Tests for E-UTRAN and UTRAN	eMDT_UMTSL	1	Rel-11	R4, R5	19/09/2011	06/12/2013	100%	RP-121204	MediaTek			
1076	530036	Network Energy Saving for E-UTRAN	Netw_Energy	1	Rel-11	R3, GP	19/09/2011	07/09/2012	100%	RP-120620	na Mobile			
1079	530037	E-UTRA medium range and MSR medium range/local area BS class require	medBS_class	1	Rel-11	R4, G1	19/09/2011	07/12/2012	100%	RP-111383	Ericsson			
1083	550015	RF Requirements for Multi-Band and Multi-Standard Radio (MB-MSR) Base	MB_MSR_RF	1	Rel-11	R4, G1	06/02/2012	06/03/2014	96%	RP-120857	Huawei			
1086	560013	Further enhancements to H(e)NB mobility - Part 1	EHNB_enh1	1	Rel-11	R3, R2	15/06/2012	07/12/2012	100%	RP-121427	tel-Lucent			
1088	560014	Further enhancements to H(e)NB mobility - Part 2	EHNB_enh2	1	Rel-11	R3, R2	19/06/2012	07/12/2012	100%	RP-121712	tel-Lucent			
1090	430011	Network-Based Positioning Support for LTE	LCS_LTE-NB	1	Rel-11	R3, R4	09/03/2009	13/06/2014	63%	RP-131259	iePosition			
1093	480026	Service continuity improvements for MBMS for LTE	MBMS_LTE_S	1	Rel-11	R3, R5	04/06/2010	06/03/2014	94%	RP-120258	Huawei			
1096	510021	Further Enhanced Non CA-based ICIC for LTE	eICIC_enh_LT	1	Rel-11	R4, R5	22/03/2011	13/06/2014	87%	RP-120860	na Mobile			
1100	510028	New Band LTE Downlink FDD 716-728 MHz (Band 29, Carrier Aggregation o	LTE_DL_FDD	1	Rel-11	R4	22/03/2011	07/12/2012	100%	RP-110435	AT&T			
1103	510031	LTE RAN Enhancements for Diverse Data Applications	LTE_eDDA	1	Rel-11	R2, R5	18/03/2011	06/09/2013	100%	RP-120256	lackBerry			
1106	510032	LTE E850 - Lower Band for Region 2 (non-US), Band 27	LTE_e850_LB	1	Rel-11	R4, R5	22/03/2011	01/03/2013	100%	RP-120602	I Holdings			
1110	520017	LTE for 700 MHz Digital Dividend	LTE_APAC70	1	Rel-11	R3, R5	07/06/2011	14/06/2013	100%	RP-110875	Ericsson			
1114	520019	Relays for LTE (part 2)	LTE_Relay2	1	Rel-11	R4	04/12/2009	14/06/2013	100%	RP-110914	Ericsson			
1117	530031	Signalling and Procedure for Interference Avoidance for in-device coexister	SPIA_IDC_LTI	1	Rel-11	R2, R4	19/09/2011	07/12/2012	100%	RP-111355	na Mobile			
1120	530032	Coordinated Multi-Point Operation for LTE	COMP_LTE	1	Rel-11	R4, R5	19/09/2011	06/03/2014	88%	RP-111365	Samsung			
1126	540025	Enhanced downlink control channel(s) for LTE Advanced	LTE_enh_dl_c	1	Rel-11	R4, R5	09/12/2011	06/03/2014	81%	RP-120871	tel-Lucent			
1130	550012	Public Safety Broadband High Power UE for Band 14 for Region 2	LTE_B14_PSI	1	Rel-11	R4, R5	05/03/2012	06/09/2013	100%	RP-120362	Solutions			
1133	550013	Improved Minimum Performance Requirements for E-UTRA: Interference Re	LTE_Interf_Rt	1	Rel-11	R4, R5	05/03/2012	13/06/2014	72%	RP-120382	ias Mobile			
1136	550014	Additional special subframe configuration for LTE TDD	LTE_TDD_ad	1	Rel-11	R3, R5	05/03/2012	14/06/2013	100%	RP-120384	na Mobile			
1139	580058	Rel-11 LTE Carrier Aggregation	LTE_CA_Rel-	1	Rel-11	R4, R5	10/12/2010	13/06/2014	98%	not applicable	-			
1210	450016	UE Over The Air (Antenna) conformance testing methodology - Laptop mou	UEAnt_FSTes	1	Rel-11	R4, R5	18/09/2009	13/06/2014	97%	RP-111381	CATR			
1213	500019	Eight carrier HSDPA	8C_HSDPA	1	Rel-11	R3, R4	10/12/2010	07/12/2012	100%	RP-101419	Ericsson			
1216	500021	UE demodulation performance requirements under multiple-cell scenario fc	LCR_TDD_UE	1	Rel-11	R4, R5	10/12/2010	02/03/2012	100%	RP-111244	na Mobile			
1219	500022	Uplink Transmit Diversity for HSPA	HSPA_UL_Tx	1	Rel-11	R3, R5	10/12/2010	13/06/2014	95%	RP-120367	Huawei			

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1225	510018	Introduction of New Configuration for 4C-HSDPA	4C_HSDPA_C	1	Rel-11	R4,R2	22/03/2011	15/06/2012	100%	RP-110308	Ericsson			
1228	510019	Non-contiguous 4C-HSDPA operation	NC_4C_HSDP	1	Rel-11	R2,R3	22/03/2011	01/03/2013	100%	RP-110416	Ericsson			
1231	510020	Further Enhancements to CELL_FACH	Cell_FACH_er	1	Rel-11	R4,R5	18/03/2011	06/03/2014	88%	RP-111321	Qualcomm			
1235	530034	HSDPA Multiflow Data Transmission	HSDPA_MFT	1	Rel-11	R4,R5	19/09/2011	06/12/2013	100%	RP-111375	Networks			
1239	530035	Four Branch MIMO transmission for HSDPA	4Tx_HSDPA	1	Rel-11	R3,R4	19/09/2011	06/12/2013	100%	RP-111393	Ericsson			
1242	540009	MIMO with 64QAM for HSUPA	MIMO_64QAM	1	Rel-11	R3,R4	09/12/2011	06/09/2013	100%	RP-121794	Networks			
1245	540024	HSDPA Dual-Band Multi-Carrier combinations	HSDPA_DB_M	1	Rel-11	R4,R2	09/12/2011	07/09/2012	100%	RP-111746	Ericsson			
1248	620015	Split TTCN Test Models for IMS testing in TS 34.229-3	IMS-CCR_Tes	1	Rel-11	R5	06/12/2013	06/03/2014	0%	RP-132017	Spirent			
1249	480004	(Small) Technical Enhancements and Improvements for Rel-11	TEI11	1	Rel-11	All	10/06/2010	12/09/2012	100%	not applicable	-			
1250	560001	Test - (Small) Technical Enhancements and Improvements for Rel-11	TEI11_Test	1	Rel-11	33new	15/06/2012	11/12/2013	100%	not applicable	-			
1251	571004	(IETF) (Small) Technical Enhancements and Improvements for Rel-11 (RFC	TEI11	1	Rel-11	4-IETF	07/09/2012	06/12/2013	100%	not applicable	tel Morand			
1252	0	Release 11 Studies	-	1	Rel-11	GP,RP	10/12/2009	14/09/2012	100%	-	-			
1253	450047	Study on IMS based Peer-to-Peer Content Distribution Services	FS_IMS_P2P	1	Rel-11	S1,S2	12/05/2009	10/06/2010	100%	SP-090491	ina Mobile			
1254	460024	Study on Non Voice Emergency Services	FS_NOVES	1	Rel-11	S1	10/12/2009	21/09/2011	100%	SP-090897	Qualcomm			
1255	480033	Study on Support for 3GPP Voice Interworking with Enterprise IP-PBX	FS_VINE	1	Rel-11	S1,S2	23/09/2010	23/03/2011	100%	SP-100411	a Systems			
1256	490033	Study on IMS Network-Independent Public User Identities	FS_INIPUI	1	Rel-11	S1	23/09/2010	08/06/2011	100%	SP-100652	Vodafone			
1257	410041	Study on IMS Evolution	FS_eIMS	1	Rel-11	S2	18/09/2008	14/12/2011	100%	SP-100360	ina Mobile			
1258	440047	Study on Policy solutions and enhancements	FS_PP	1	Rel-11	S2,S1	04/06/2009	08/06/2011	100%	SP-090895	AT&T			
1259	440048	Study on IPv6 Migration	FS_IP6M	1	Rel-11	S2	04/06/2009	08/06/2011	100%	SP-090362	ina Mobile			
1260	460030	Study on Single Radio Voice Call Continuity from UTRAN/GERAN to E-UTR	FS_SRVCC	1	Rel-11	S2	10/12/2009	14/12/2011	100%	SP-090806	Orange			
1261	510044	Study on Roaming Architecture for Voice over IMS with Local Breakout	FS_RAVEL	1	Rel-11	S2	23/03/2011	14/12/2011	100%	SP-110087	ie Telekom			
1262	380084	Study on UTRAN key management enhancements	FS_UKM	1	Rel-11	S3	20/12/2007	07/03/2012	100%	SP-090283	Ericsson			
1263	480048	Study on Single Sign On (SSO) Application Security for IMS - based on SIP	FS_SSO_APS	1	Rel-11	S3	10/06/2010	20/06/2012	100%	SP-100639	Nokia			
1264	520036	Study on Mobile 3D Video Coding	FS_M3DVC	1	Rel-11	S4	08/06/2011	20/06/2012	100%	SP-110310	Orange			
1265	480047	Study on Management of Converged Networks	FS_ManCon	1	Rel-11	S5	10/06/2010	12/09/2012	100%	SP-100377	s Networks			
1266	490039	Study on User Data Convergence (UDC) information model handling and pr	FS_UDC_Appl	1	Rel-11	S5	23/09/2010	14/12/2011	100%	SP-110127	atel-Lucent			
1267	510045	Study on OAM aspects of inter-RAT Energy Saving	FS_OAM_ES_	1	Rel-11	S5	23/03/2011	14/12/2011	100%	SP-110138	s Networks			
1268	480015	Study on impacts on UE-Core Network signalling from Energy Saving	FS_UE-CN_Et	1	Rel-11	C1	04/06/2010	03/06/2011	100%	CP-100330	NEC			
1269	490014	Study on EPC Nodes Restoration	FS_EPC_NR	1	Rel-11	C4	17/09/2010	07/12/2012	100%	CP-100700	ZTE			
1270	480003	Study on Signal Precoding enhancements for EGPRS2 DL	FS_SPEED	1	Rel-11	G1,G2	03/09/2010	02/03/2012	100%	GP-111281	Ericsson			
1271	470014	Study on Coordinated Multi-Point operation for LTE	FS_CoMP_LTI	1	Rel-11	R2,R3	10/12/2010	16/09/2011	100%	RP-101425	Samsung			
1272	480028	Study on Signalling and procedure for interference avoidance for in-device	FS_SPIA_IDC	1	Rel-11	R2,R4	04/06/2010	16/09/2011	100%	RP-100671	ina Mobile			
1273	510034	Study on HetNet mobility enhancements for LTE	FS_HetNet_eM	1	Rel-11	R3,R4	18/03/2011	07/09/2012	100%	RP-110709	atel-Lucent			
1274	510037	Study on further Downlink MIMO enhancements for LTE-Advanced	FS_LTE_eDL_	1	Rel-11	R1	18/03/2011	09/12/2011	100%	RP-111366	atel-Lucent			
1275	510039	Study on Further Enhancements to LTE TDD for DL-UL Interference Manag	FS_LTE_TDD_	1	Rel-11	R1,R4	22/03/2011	15/06/2012	100%	RP-110450	CATT			
1276	530053	Study on LTE Coverage Enhancements	FS_Cov_Enh_	1	Rel-11	R1,R2	19/09/2011	15/06/2012	100%	RP-120225	ia Telecom			
1277	530055	Study on Enhanced performance requirement for LTE UE	FS_enh_perf_I	1	Rel-11	R4,R1	19/09/2011	02/03/2012	100%	RP-111378	T DoCoMo			
1278	550022	Study on Measurements of radio performances for LTE terminals - Total Ra	FS_LTE_OTA	1	Rel-11	R4	05/03/2012	07/09/2012	100%	RP-120412	CATR			
1279	430020	Study on Measurement of Radiated Performance for MIMO and multi-antenn	FS_HSPA_LTI	1	Rel-11	R4	06/03/2009	02/03/2012	100%	RP-111754	Vodafone			
1280	440016	Study on Extending 850 MHz	FS_e850	1	Rel-11	R4	30/05/2009	07/09/2012	100%	RP-090666	Ericsson			
1281	450015	Study on RAN improvements for Machine-Type Communications	FS_NIMTC_R/	1	Rel-11	R3,R4	18/09/2009	16/09/2011	100%	RP-100330	Huawei			
1282	500002	Study on UE Application Layer Data Throughput Performance	FS_UE_App_I	1	Rel-11	R5,R4	10/12/2010	09/12/2011	100%	RP-101422	Spirent			
1283	510036	Study on further enhancements for HNB and HeNB	FS_EHNB_enf	1	Rel-11	R3,R2	18/03/2011	15/06/2012	100%	RP-120373	atel-Lucent			

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1284	510038	Study on Interference analysis between 800-900 MHz bands	FS_B800_B90	1	Rel-11	R4	23/03/2011	15/06/2012	100%	RP-111752	LG Uplus			
1285	520018	Study on UMTS/LTE in 900 MHz band (Japan, Korea)	FS_UTRA_LTI	1	Rel-11	R4	07/06/2011	15/06/2012	100%	RP-120617	T DoCoMo			
1286	500014	Study on Uplink MIMO	FS_UTRA_UL	1	Rel-11	R1	10/12/2010	16/09/2011	100%	RP-101432	Qualcomm			
1287	500015	Study on HSDPA Multipoint Transmission	FS_HSDPA_M	1	Rel-11	R2,R3	10/12/2010	16/09/2011	100%	RP-101439	3 Networks			
1288	530057	Study on UE Over The Air (OTA) test method with Head and Hand Phantom	FS_OTA_phar	1	Rel-11	R4,R5	19/09/2011	07/09/2012	100%	RP-120208	Nokia			
1289	540026	Study on HSPA feedback and signalling efficiency enhancements for LCR T	FS_LCRTDD	1	Rel-11	R1	07/12/2011	07/09/2012	100%	RP-111766	TD Tech			
1290	510035	<i>Deleted - Study on Enhanced Uplink Transmission for LTE</i>	FS_eUL_TX_L	1	Rel-11	R1	22/03/2011	15/06/2012	100%	RP-120259	Huawei			
1291	0	Release 10 Features	-	1	Rel-10	RP,SP	11/12/2008	21/09/2011	100%	-	-			
1292	390073	Enhancements for Multimedia Priority Service	eMPS	1	Rel-10	C3,C1	13/03/2006	18/03/2011	100%	SP-080051	Telcordia			
1303	410030	Network Improvements for Machine-Type Communications	NIMTC	1	Rel-10	33new	18/09/2008	22/11/2013	100%	SP-100863	KPN			
1318	430035	Multi Access PDN Connectivity	MAPCON	1	Rel-10	C1,C3	13/03/2009	18/03/2011	100%	SP-090659	com Italia			
1324	440052	IMS Service Continuity – Inter Device Transfer enhancements	IMS_SC_eIDT	1	Rel-10	1,IETF	04/06/2009	07/12/2012	100%	SP-090452	Huawei			
1329	450030	IP-Short-Message-Gateway enhancements for CPM-SMS Interworking	CPM-SMS	1	Rel-10	S2,C3	24/09/2009	17/09/2010	100%	SP-090615	na Mobile			
1333	450033	Completion of Communications on Not Logged-in	CCNL	1	Rel-10	C1,C3	24/09/2009	18/03/2011	100%	SP-090493	3 Telekom			
1337	450035	Local IP Access and Selected Internet IP Traffic Offload	LIPA_SIPTO	1	Rel-10	C4,C1	24/09/2009	23/03/2011	100%	SP-110131	na Mobile			
1351	450041	IP Flow Mobility and seamless WLAN offload	IFOM	1	Rel-10	C1,C3	24/09/2009	23/03/2011	100%	SP-100089	ualcomm			
1358	450044	Enabling Cipher Selection and Rate Adaptation for UTRAN and E-UTRAN for	ECSRA_LAA	1	Rel-10	1,IETF	15/07/2009	07/09/2012	100%	SP-100467	ualcomm			
1368	450053	Extended H(e)NB features	EHNBF	1	Rel-10	S2,S3	11/12/2008	23/09/2010	100%	SP-100407	NEC			
1372	460028	Optimal Media Routing	OMR	1	Rel-10	C3,C1	25/03/2010	08/06/2011	100%	SP-090803	tel-Lucent			
1379	470026	IMS Emergency Session Enhancements	IESE	1	Rel-10	S2,C1	25/03/2010	03/06/2011	100%	SP-100170	, T-Mobile			
1383	480037	S2b Mobility based on GTP	SMOG	1	Rel-10	C3,C1	10/06/2010	18/03/2011	100%	SP-100357	tel-Lucent			
1389	500006	Policy Enhancements for Sponsored Connectivity and Coherent Access to I	PEST	1	Rel-10	S2,C3	12/10/2010	18/03/2011	100%	SP-110196	ualcomm			
1392	470029	Lawful Interception in the 3GPP Rel-10	LI10	1	Rel-10	S3	25/03/2010	08/06/2011	100%	SP-100108	PIDS, BT			
1401	470033	Optimization of IMS based PSS and MBMS User Service	OPT_IMS_PS	1	Rel-10	S4	25/03/2010	23/03/2011	100%	SP-100031	Ericsson			
1402	470034	HTTP-based Streaming and Download Services	HTTP_SDS	1	Rel-10	4,IETF	25/03/2010	21/09/2011	100%	SP-100032	ualcomm			
1405	480040	PSS and MBMS enhancements	MBS_Enh	1	Rel-10	S4	10/06/2010	23/03/2011	100%	SP-100305	Ericsson			
1406	480041	Enhancements and Addition of Audio Tests to 26.131 and 26.132	EAAT	1	Rel-10	S4	10/06/2010	08/06/2011	100%	SP-100306	Vodafone			
1407	510055	Video Coding Enhancements in MTSI	VCEM	1	Rel-10	S4	21/03/2011	23/03/2011	100%	SP-110050	Ericsson			
1408	460031	Rel-10 Operations, Administration, Maintenance and Provisioning (OAM&P)	OAM10	1	Rel-10	S5,C4	10/12/2009	21/09/2011	100%	TR 30.820	-			
1428	470044	Rel-10 Charging Management small Enhancements	CH10	1	Rel-10	S5	04/06/2009	23/03/2011	100%	TR 30.820	-			
1430	470046	Advice of Charge (AoC) service support enhancements	eAoC	1	Rel-10	S5,C1	25/03/2010	03/06/2011	100%	SP-100080	3 Telekom			
1433	470003	IMS Stage 3 IETF Protocol Alignment - phase 4	IMSProtoc4	1	Rel-10	C1	19/03/2010	18/03/2011	100%	CP-100099	atel-Lucent			
1434	480012	Enhanced User Data Convergence (UDC) Model	eUDC	1	Rel-10	C4	04/06/2010	18/03/2011	100%	CP-100295	ina Mobile			
1435	480014	Further improvements of II-NNI Stage 3 based on operational feedback and	II-NNI2	1	Rel-10	C3	04/06/2010	01/03/2013	100%	CP-100326	Orange			
1439	480013	AT Commands for IMS-configuration	AT_IMS	1	Rel-10	C1	04/06/2010	18/03/2011	100%	CP-100376	Ericsson			
1440	490011	AT Commands for USIM Application Toolkit (USAT)	AT_UICC	1	Rel-10	C1	17/09/2010	18/03/2011	100%	CP-100646	T-Ericsson			
1441	490012	Communication Control for IMS by USIM (Stage 3)	CC_IMS_USIM	1	Rel-10	C6	17/09/2010	18/03/2011	100%	CP-100647	Gemalto			
1442	500003	Dynamic view of SIP message for Inter-IMS Network to Network Interface (II	NNI_DV	1	Rel-10	C3	10/12/2010	03/06/2011	100%	CP-100795	NTT			
1443	500007	Introduction of Smart Card Web Server launch functionality	SCWS_L	1	Rel-10	C6	10/12/2010	18/03/2011	100%	CP-100883	ecom Italia			
1444	500008	USAT using AT Commands	USAT_AT	1	Rel-10	C6	10/12/2010	18/03/2011	100%	CP-100884	& Devrient			
1445	500010	Single Radio Voice Call Continuity (SRVCC) enhancements (Stage 3)	eSRVCC	1	Rel-10	4,IETF	10/12/2010	07/12/2012	100%	CP-100881	na Mobile			
1449	500011	Single Radio Voice Call Continuity (SRVCC) in alerting phase (Stage 3)	aSRVCC	1	Rel-10	C1,R5	10/12/2010	01/03/2013	100%	CP-110145	ZTE			
1452	500012	PCRF failure and restoration	PCRF_FR	1	Rel-10	C4,C3	10/12/2010	18/03/2011	100%	CP-100703	NEC			

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1455	510002	Formalization of WLAN Files	FoWF	1	Rel-10	C1	23/02/2011	18/03/2011	100%	CP-110288	ie Telekom			
1456	510007	CS and IMS Interworking for CAT service - Early Session model	CIIC_ES	1	Rel-10	C3	16/03/2011	03/06/2011	100%	CP-110283	ZTE			
1457	510008	EPC Node Restoration without Idle mode Signalling Reduction (ISR) activat	EPC_NR	1	Rel-10	C4	16/03/2011	18/03/2011	100%	CP-110092	atel-Lucent			
1458	510108	EPC Node Restoration with Idle mode Signalling Reduction (ISR) activated	EPC_NR_ISR	1	Rel-10	C4	16/03/2011	03/06/2011	100%	CP-110287	NEC			
1459	510009	Mobile Terminating Roaming Forwarding with pre-paging	MTRF	1	Rel-10	C4	16/03/2011	03/06/2011	100%	CP-110093	Ericsson			
1460	510010	UICC access to IMS Specification	IMS-UICC-S	1	Rel-10	C6,C1	16/03/2011	03/06/2011	100%	CP-110279	Gemalto			
1463	550006	<i>Deleted - Testing for Terminal support of Rel-10 USIM, ISIM and USAT features</i>	USIM_R10_Te	1	Rel-10	C6	05/03/2012	03/12/2013	100%	CP-120396	Gemalto			
1464	440021	CN aspects of Local Call Local Switch	LCLS-CN	1	Rel-10	C4	29/05/2009	18/03/2011	100%	CP-100867	Vodafone			
1469	430001	Local Call Local Switch	LCLS	1	Rel-10	GP,G2	07/05/2007	20/05/2011	100%	GP-101989	Huawei			
1470	480002	Tightened Link Level Performance Requirements for Single Antenna MS	TIGHTER	1	Rel-10	33new	03/09/2010	01/03/2013	100%	GP-101083	ias Mobile			
1474	490001	Support of Multi-Operator Core Network by GERAN	MOCN-GERAN	1	Rel-10	S2,C1	21/05/2010	04/03/2011	100%	GP-101443	tel-Lucent			
1478	490002	Enhancements of lurg interface	elurg	1	Rel-10	G2,R3	03/09/2010	03/06/2011	100%	GP-101758	obile, ZTE			
1481	380077	1.28 Mcps TDD Repeater	RANimp-Repe	1	Rel-10	R4	04/12/2007	19/03/2010	100%	RP-071003	RITT			
1482	450019	1.28 Mcps TDD Multi-carrier HSUPA	TDD_MC_HSL	1	Rel-10	R3,R4	18/09/2009	10/12/2010	100%	RP-090990	CATR			
1483	460014	1.28 Mcps TDD Home NodeB RF requirements	HNB_LCRTE	1	Rel-10	R4	04/12/2009	10/12/2010	100%	RP-100607	TD Tech			
1486	470012	Multi-User Multiple-Input and Multiple-Output (MU-MIMO) for 1.28Mcps TDD	MUMIMO_LCF	1	Rel-10	R3,R4	19/03/2010	03/06/2011	100%	RP-100347	CATT			
1489	450027	AGNSS Minimum Performance for UTRAN	AGNSSPerf_L	1	Rel-10	R4,R5	18/09/2009	16/09/2011	100%	RP-100363	Thales			
1492	460005	Inclusion of RF Pattern Matching Technologies as positioning method in th	LCS_UMTS_R	1	Rel-10	R2,R3	04/12/2009	18/03/2011	100%	RP-091427	s Wireless			
1494	460015	Four carrier HSDPA	4C_HSDPA	1	Rel-10	R4,R5	04/12/2009	06/09/2013	100%	RP-100991	ualcomm			
1498	470013	Performance Requirements for two-antenna 1.28Mcps TDD Type 1 and Type	2ant_UE_LCR	1	Rel-10	R4	19/03/2010	03/06/2011	100%	RP-100168	TD Tech			
1501	480020	Automatic Neighbour Relation (ANR) for UTRAN	ANR_UTRAN	1	Rel-10	R2,R5	04/06/2010	07/12/2012	100%	RP-100688	ZTE			
1504	480021	Support of New Band Combinations for Dual-Band Dual Cell HSDPA	DB_DC_HSDPA	1	Rel-10	R4,R2	04/06/2010	03/06/2011	100%	RP-100657	AT&T			
1507	480022	MIMO operation with non-MIMO coexistence in HSDPA	MIMO_HSDPA	1	Rel-10	R4,R5	04/06/2010	02/03/2012	100%	RP-100993	ualcomm			
1511	490022	Interfrequency detected set measurements for UMTS	Interf_dset_me	1	Rel-10	R2,R4	17/09/2010	10/12/2010	100%	RP-101015	Nokia			
1512	460007	Carrier Aggregation for LTE	LTE_CA	1	Rel-10	R4,R5	04/12/2009	07/12/2012	100%	RP-100661	Nokia			
1516	460008	Enhanced Downlink Multiple Antenna Transmission for LTE	LTE_eDL_MIN	1	Rel-10	R4,R5	04/12/2009	14/06/2013	100%	RP-100196	r DoCoMo			
1520	460009	Uplink Multiple Antenna Transmission for LTE	LTE_UL_MIM	1	Rel-10	R4,R5	04/12/2009	01/03/2013	100%	RP-100959	Huawei			
1524	460013	Relays for LTE	LTE_Relay	1	Rel-10	C4,C6	04/12/2009	08/06/2011	100%	RP-110911	Ericsson			
1532	470007	Enhanced Inter-Cell Interference Control (ICIC) for non-Carrier Aggregation	eICIC_LTE	1	Rel-10	R4,R5	19/03/2010	13/06/2014	94%	RP-100383	na Mobile			
1536	470008	LTE TDD in 2600MHz for US	LTE_TDD_260	1	Rel-10	R3,R5	19/03/2010	10/12/2010	100%	RP-101003	Clearwire			
1540	470009	Adding 2 GHz band LTE FDD (Band 23) for Ancillary Terrestrial Component	S_Band_LTE	1	Rel-10	R4,R5	19/03/2010	09/12/2011	100%	RP-110775	DBSD			
1544	470010	Adding L-Band (Band 24) LTE for Ancillary Terrestrial Component (ATC) of	L_Band_LTE	1	Rel-10	R2,R5	19/03/2010	16/09/2011	100%	RP-101284	ntSquared			
1548	470011	LTE Self Optimizing Networks (SON) enhancements	SONenh_LTE	1	Rel-10	R2,R4	19/03/2010	03/06/2011	100%	RP-101004	Networks			
1550	480027	Further enhancements to MBMS for LTE	MBMS_LTE_e	1	Rel-10	R3,R5	04/06/2010	02/03/2012	100%	RP-101244	Huawei			
1553	380173	UMTS/LTE 3500 MHz	RlnImp8-UMT	1	Rel-10	R3,R5	30/11/2007	14/06/2013	100%	RP-091380	Ericsson			
1557	460003	Minimization of Drive Tests for E-UTRAN and UTRAN	MDT_UMTSL1	1	Rel-10	R3,R5	04/12/2009	01/03/2013	100%	RP-100360	Networks			
1560	470005	HNB and HeNB Mobility Enhancements	HNB_HENB_n	1	Rel-10	R2,R5	19/03/2010	07/12/2012	100%	RP-110183	tel-Lucent			
1563	480024	Expanded 1900 MHz Band for UTRA and LTE	E1900	1	Rel-10	R2,R5	04/06/2010	07/09/2012	100%	RP-100676	Sprint			
1567	480025	Multi-Standard Radio Base Station RF requirements for non-contiguous sp	MSR_NC	1	Rel-10	R4,G1	04/06/2010	25/11/2011	100%	RP-101402	Ericsson			
1572	440044	(Small) Technical Enhancements and Improvements for Rel-10	TEI10	1	Rel-10	All	04/06/2009	23/03/2011	100%	not applicable	-			
1573	521004	(IETF) (Small) Technical Enhancements and Improvements for Rel-10 (draft	TEI10	1	Rel-10	1-IETF	04/06/2009	13/06/2014	75%	not applicable	idrew Allen			
1574	531001	(IETF) (Small) Technical Enhancements and Improvements for Rel-10 (RFC	TEI10	1	Rel-10	1-IETF	04/06/2009	29/07/2011	100%	not applicable	-			
1575	540004	Test - (Small) Technical Enhancements and Improvements for Rel-10	TEI10_Test	1	Rel-10	33new	01/12/2011	07/12/2012	100%	not applicable	n/a			

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1576	350014	<i>Deleted - Registration in Densely-populated area (RED)</i>	RED	1	Rel-10	S1	12/03/2007	24/09/2009	100%	SP-070133	T DoCoMo			
1579	380062	<i>Deleted - Network Selection for non-3GPP Access</i>	N3GtoNSP	1	Rel-10	S1,C6	07/12/2007	24/09/2009	100%	SP-070874	afónica O2			
1582	420025	<i>Deleted - GTP-based S8 chaining</i>	GTPchaining	1	Rel-10	S2	11/12/2008	25/03/2010	100%	SP-080798	Huawei			
1584	430017	<i>Deleted - UTRAN 2 ms TTI uplink range improvement</i>	RANimp-2mTTI	1	Rel-10	R3,R4	06/03/2009	19/03/2010	100%	RP-090333	Networks			
1585	440043	<i>Deleted - Enhanced Home NodeB / eNodeB continuation of Rel-9</i>	eEHNb	1	Rel-10	S2	11/12/2008	25/03/2010	100%	not applicable	tel-Lucent			
1586	460010	<i>Deleted - Fixed Wireless Customer-Premises Equipment (CPE) RF Requirements</i>	FW_CPE_RF	1	Rel-10	R4,R5	04/12/2009	03/06/2011	100%	RP-091432	n Wireless			
1589	460012	<i>Deleted - Latency reductions for LTE</i>	LTE_LATRED	1	Rel-10	R2,R1	04/12/2009	10/12/2010	100%	RP-091449	Ericsson			
1591	470006	<i>Deleted - Enhanced Interference Management for Home NodeBs</i>	HNB_IM	1	Rel-10	R3	19/03/2010	17/09/2010	100%	RP-100392	Qualcomm			
1593	0	Release 10 Studies	-	1	Rel-10	RP,SP	12/03/2009	23/03/2011	100%	-	-			
1594	370045	Study on enhanced voice service requirements for the Evolved Packet System	FS_EV_EPS	1	Rel-10	S1,S4	03/09/2007	25/03/2010	100%	SP-070698	Telecom			
1597	380083	Study on advanced requirements for IP interconnect	FS_IPXS	1	Rel-10	S1	04/12/2007	10/12/2009	100%	SP-070878	afónica O2			
1598	410039	Study on Personal Broadcast Service	FS_PBS	1	Rel-10	S1	18/09/2008	25/03/2010	100%	SP-080504	ETRI			
1599	410040	Study on LCS support in SAE for non-3GPP accesses	FS_LCS_n3GPP	1	Rel-10	S1	18/09/2008	25/03/2010	100%	SP-080648	K Telecom			
1600	430030	Study on Haptic Services	FS_Haptics	1	Rel-10	S1	12/03/2009	25/03/2010	100%	SP-090664	K Telecom			
1601	370050	Study on System enhancements for the use of IMS services in Local Breakout	FS_IMS_LBO	1	Rel-10	S2	01/10/2007	10/12/2009	100%	SP-080556	n Italia, BT			
1602	390055	Study on Intra Domain Connection of RAN Nodes to Multiple CN Nodes	FS_IDC	1	Rel-10	S2	12/03/2008	25/03/2010	100%	SP-080094	ina Mobile			
1603	440049	Study on Single Radio Voice Call Continuity enhancements	FS_eSRVCC	1	Rel-10	S2	04/06/2009	23/09/2010	100%	SP-090363	ina Mobile			
1604	470048	Study on Single Radio Video Call Continuity for 3G-CS	FS_vSRVCC	1	Rel-10	S2	25/03/2010	23/09/2010	100%	SP-100168	Samsung			
1605	470049	Study on S2b Mobility based on GTP	FS_SMOG	1	Rel-10	S2	25/03/2010	10/06/2010	100%	SP-100169	tel-Lucent			
1606	430040	Study on Surround Sound codec extension for PSS and MBMS	FS_SS_PSS_I	1	Rel-10	S4	12/03/2009	23/03/2011	100%	SP-090019	esellschaft			
1607	480044	Study on Improved Video Coding Support	FS_IVCS	1	Rel-10	S4	10/06/2010	23/03/2011	100%	SP-100304	okia, ETRI			
1608	410044	Study on Rc Reference Point Functionalities and Message Flows	FS_OAM_Rc	1	Rel-10	S5	18/09/2008	25/03/2010	100%	SP-080464	Huawei			
1609	430044	Study on Telecommunication Management; Energy Savings Management	FS_OAM_ESM	1	Rel-10	S5	12/03/2009	25/03/2010	100%	SP-090048	, Vodafone			
1610	440069	Study on Integration of Device Management Information with Itf-N	FS_IDMI_Itf-N	1	Rel-10	S5	04/06/2009	25/03/2010	100%	SP-100088	Motorola			
1611	460037	Study on Alignment of 3GPP Generic NRM IRP and TMF Shared Information	FS_3GNRM_T	1	Rel-10	S5	10/12/2009	23/03/2011	100%	SP-090759	Networks			
1612	460038	Study on Harmonization of 3GPP Alarm IRP and TMF Interface Program (TIP)	FS_3G_TMF_I	1	Rel-10	S5	10/12/2009	23/03/2011	100%	SP-090760	tel-Lucent			
1613	480045	Study on Alarm Correlation and Alarm Root Cause Analysis	FS_AC_ARCA	1	Rel-10	S5	10/06/2010	23/03/2011	100%	SP-100775	Ericsson			
1614	480046	Study on Alignment of 3GPP PM IRP and TMF Interface Program (TIP) PM	FS_3G_TMF_I	1	Rel-10	S5	10/06/2010	23/03/2011	100%	SP-100291	tel-Lucent			
1615	450013	Study on Policy and Charging Rules Function (PCRF) failure and restoration	FS_PCRF-FR	1	Rel-10	C3	18/08/2009	17/09/2010	100%	CP-090861	NEC			
1616	480016	Study on User Data Convergence (UDC) evolution	FS_UDCe	1	Rel-10	C4	04/06/2010	18/03/2011	100%	CP-100296	tel-Lucent			
1617	480017	Study on UICC access to IMS	FS_IMS-UICC	1	Rel-10	C6	04/06/2010	18/03/2011	100%	CP-100424	Gemalto			
1618	450014	Study on Uplink Tx Diversity for HSPA	FS_UL-TxDiv-I	1	Rel-10	R4	18/08/2009	04/06/2010	100%	RP-090987	Qualcomm			
1619	460016	Study on Solutions for Energy Saving within UTRA Node B	FS_Energy_UL	1	Rel-10	R1,R3	04/12/2009	17/09/2010	100%	RP-091439	Vodafone			
1620	470015	Study on Potential solutions for energy saving for E-UTRAN	FS_Energy_LT	1	Rel-10	R3,R2	02/02/2010	03/06/2011	100%	RP-100674	ina Mobile			
1621	470016	Study on Improvements of distributed antenna for 1.28Mcps TDD	FS_distr_ant_L	1	Rel-10	R2,R3	05/03/2010	10/12/2010	100%	RP-100178	ZTE			
1622	400037	<i>Deleted - Study on Unauthenticated PS Emergency Calls</i>	FS_UAPSEC	1	Rel-10	S1	05/06/2008	25/03/2010	100%	SP-080320	Networks			
1623	410042	<i>Deleted - Study on enhancements to IMS border functions for IMS Interconnection of services</i>	FS_eIMS_IBC	1	Rel-10	S2	18/09/2008	15/12/2010	100%	SP-090809	Networks			
1624	440050	<i>Deleted - Study on EPC Charging enhancement</i>	FS_EPCcharg	1	Rel-10	S5	04/06/2009	25/03/2010	100%	SP-090318	Networks			
1625	450012	<i>Deleted - Study on Interworking Proxy between GTP based and PMIP based interfaces</i>	FS_GTP-MIP	1	Rel-10	C4	18/09/2009	04/06/2010	100%	CP-090517	T DoCoMo			
1626	0	Release 9 Features	-	1	Rel-9	RP,SP	05/06/2008	05/06/2008	100%	-	-			
1627	400035	Enhanced Home NodeB / eNodeB	EHNb	1	Rel-9	R5,GP	05/06/2008	09/12/2011	100%	SP-090214	T-Mobile			
1643	370026	Value-Added Services for Short Message Service	VAS4SMS	1	Rel-9	C4,C1	10/09/2007	04/12/2009	100%	SP-070572	na Mobile			
1647	370027	Definition of End-User Identity	EUI	1	Rel-9	S1	03/09/2007	11/12/2008	100%	SP-090380	Networks			

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1649	380067	Customized Ringing Signal	CRS	1	Rel-9	S1,C1	06/12/2007	03/12/2009	100%	SP-080502	na Mobile			
1652	380057	Public Warning System	PWS	1	Rel-9	R3,R5	06/12/2007	07/12/2012	100%	SP-070876	T-Mobile			
1659	400031	Support of Personal Area Networks and Enhancements to Personal Network	PAN_EPNI	1	Rel-9	S1,C1	05/06/2008	04/06/2010	100%	SP-080430	Vodafone			
1663	400032	Multi-Media Telephony Service enhancements	eMMTel	1	Rel-9	S5,C1	05/06/2008	25/03/2010	100%	SP-080503	Telecom			
1668	400034	User Data Convergence (UDC)	UDC	1	Rel-9	S5,C4	05/06/2008	10/06/2010	100%	SP-080448	Networks			
1675	410032	IMS Services Centralization and Continuity	IMS_SCC	1	Rel-9	S2,C1	18/09/2008	19/03/2010	100%	SP-080633	NEC			
1682	420020	Service Specific Access Control in EPS	SSAC	1	Rel-9	C1,R5	11/12/2008	15/06/2012	100%	SP-080882	DoCoMo			
1686	380064	Support for IMS Emergency Calls over GPRS and EPS	IMS_EMER_G	1	Rel-9	5,IETF	14/01/2008	13/06/2014	97%	SP-080844	tel-Lucent			
1704	430006	LCS for LTE and EPS	LCS_LTE_EP	1	Rel-9	R4,R5	05/06/2008	02/03/2012	100%	not applicable	-			
1711	400039	MBMS support in EPS	MBMS_EPS	1	Rel-9	R4,R5	05/06/2008	09/12/2011	100%	SP-080737	na Mobile			
1719	420024	Access Network Discovery and Selection Function enhancements	eANDSF	1	Rel-9	S2,C1	11/12/2008	19/03/2010	100%	SP-080887	Motorola			
1722	430034	Multiple PDN Connection to the Same APN for PMIP-based Interfaces	MUPSAP	1	Rel-9	C4,C1	13/03/2009	19/03/2010	100%	SP-090098	Samsung			
1726	450049	System aspects of vocoder rate adaptation for LTE	LTEImp-Voco	1	Rel-9	2,IETF	07/05/2007	12/09/2012	100%	SP-090653	Qualcomm			
1732	33025	Access Security Enhancements	ACCSEC2	1	Rel-9	S3	02/07/2007	04/06/2009	100%	SP-040865	Ericsson			
1733	410027	Protection against Unsolicited Communication for IMS (PUCI)	PUCI	1	Rel-9	S3,S1	18/09/2008	10/12/2009	100%	SP-080482	NEC			
1736	430036	IMS Media Plane Security	MEDIASEC	1	Rel-9	3,IETF	13/03/2009	12/09/2012	100%	SP-090128	Vodafone			
1743	440053	GBAPush enhancements (Generic push layer)	eGBAPush	1	Rel-9	S3	12/03/2008	25/03/2010	100%	SP-090282	Ericsson			
1745	440054	Extended Identity Management	GBA-IdM	1	Rel-9	S3	04/06/2009	10/12/2009	100%	SP-090284	Nokia			
1746	440056	Network Domain Security (NDS) enhancements to support backhaul security	NDS_Backhat	1	Rel-9	3,IETF	04/06/2009	07/12/2012	100%	SP-090286	Vodafone			
1750	440057	128 bit encryption for GSM and GPRS	A5/4-GEA4	1	Rel-9	33new	04/06/2009	10/12/2009	100%	SP-090287	Ericsson			
1757	420027	Timed Graphics	TG	1	Rel-9	S4	11/12/2008	25/03/2010	100%	SP-080683	Ericsson			
1758	430037	Managing MTSI Media Adaptation	M3A	1	Rel-9	S4	12/03/2009	10/12/2009	100%	SP-090021	Samsung			
1759	440046	PSS and MBMS Aspects	PMA	1	Rel-9	S4	12/03/2009	25/03/2010	100%	SP-090261	son, Nokia			
1762	430046	IMS based PSS and MBMS User Service extensions	IMS_PSS_MBI	1	Rel-9	S4	12/03/2009	10/12/2009	100%	SP-090225	Ericsson			
1763	440051	Syndicated Feed Reception within 3GPP environments	SFR	1	Rel-9	S4	04/06/2009	10/12/2009	100%	SP-090260	Ericsson			
1764	450048	Distortion Measurement Test Methods and Requirements	DTMR	1	Rel-9	S4	24/09/2009	25/03/2010	100%	SP-090575	Motorola			
1765	420029	Rel-9 Operations, Administration, Maintenance and Provisioning (OAM&P)	OAM9	1	Rel-9	S5	22/02/2008	10/06/2010	100%	TR 30.819	-			
1779	440068	Rel-9 Charging Management small Enhancements	CH9	1	Rel-9	S5	04/06/2009	25/03/2010	100%	TR 30.819	-			
1780	400008	CS-IBCF and CS-TrGW definition in 3GPP specifications	CS-IBCF	1	Rel-9	C3,C4	30/05/2008	19/03/2010	100%	CP-090073	com Italia			
1783	410008	IMS – Interconnection Border Control Function (IBCF) – Transition Gateway	IMS_IBCF	1	Rel-9	C4,C3	12/09/2008	04/12/2009	100%	CP-090019	tel-Lucent			
1786	410009	IMS Application Level Gateway Control Function (ALGCF) – IMS Access Me	IMS_AGCF	1	Rel-9	C4	12/09/2008	04/12/2009	100%	CP-090020	atel-Lucent			
1787	420016	Enhancements of IMS Customized Alerting Tone (CAT) Service	eCAT	1	Rel-9	C1	05/12/2008	04/06/2010	100%	CP-080796	na Mobile			
1789	440017	Completion of IMS Restoration Procedures	eIMS_RP	1	Rel-9	C4,C1	29/05/2009	19/03/2010	100%	CP-091050	Ericsson			
1793	440039	IMS Stage 3 IETF Protocol Alignment - phase 3	IMSProtoc3	1	Rel-9	1,IETF	29/05/2009	13/06/2014	91%	CP-090491	tel-Lucent			
1797	440070	Operational description of the Inter-IMS Network to Network Interface (II-NN)	II-NNI	1	Rel-9	3,IETF	29/05/2009	13/06/2014	81%	CP-090331	Orange			
1806	450005	Definition of MI interface for Control Plane LCS (Stage 3)	EMC2	1	Rel-9	C1	18/09/2009	19/03/2010	100%	CP-090746	atel-Lucent			
1807	450009	PCC enhancements	PCC-Enh	1	Rel-9	C3	18/09/2009	04/12/2009	100%	CP-090744	Huawei			
1808	460004	3GPP IMS Conferencing Management Object (MO)	IMS_ConfMO	1	Rel-9	C1	03/12/2009	04/12/2009	100%	CP#46 Report	-			
1809	470004	In Case of Emergency (ICE) Graphics	ICE_Graphics	1	Rel-9	C6	17/03/2010	19/03/2010	100%	CP-100178	igem-Orga			
1810	410023	Rel-9 Improvements of the Radio Interface	RInImp9	1	Rel-9	RP,GP	12/09/2008	19/03/2010	100%	not applicable	-			
1819	440006	Rel-9 Improvements of the Radio Interface - UE Conformance Testing	RInImp-UECo	1	Rel-9	R5	19/05/2009	17/09/2010	100%	not applicable	-			
1824	450018	Conformance Test Aspects – SMS over IMS in E-UTRAN	SMSoverIMS_	1	Rel-9	R5	18/09/2009	19/03/2010	100%	RP-090959	atel-Lucent			
1825	430013	Rel-9 RAN improvements	RANimp	1	Rel-9	RP	06/03/2009	19/03/2010	100%	not applicable	-			

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												Nov	Jan	Mar
1831	490025	Rel-9 RAN improvements - UE Conformance Testing	-	1	Rel-9	R5	17/09/2010	07/12/2012	100%	not applicable	-			
1835	420007	LTE improvements	LTEImp	1	Rel-9	R4,R5	06/03/2009	03/06/2011	100%	not applicable	-			
1839	420011	Rel-9 Self-Organizing Networks (SON)	SON	1	Rel-9	R3,R2	06/03/2009	19/03/2010	100%	RP-090162	s Networks			
1840	38002	AGNSS Performances and Testing Procedures	AGNSSPTP	1	Rel-9	33new	16/05/2008	20/05/2011	100%	GP-092342	Thales			
1843	420002	Voice services over Adaptive Multi-user channels on One Slot	VAMOS	1	Rel-9	33new	21/11/2008	02/03/2012	100%	GP-081949	na Mobile			
1849	440002	Cell Broadcast protocol Base Station Controller – Cell Broadcast Centre (B)	CEBRO	1	Rel-9	GP,C1	15/05/2009	19/03/2010	100%	GP-091022	Ericsson			
1852	440003	Hybrid Location	HILT	1	Rel-9	GP	18/05/2009	20/11/2009	100%	GP-091075	uePosition			
1853	420099	(Small) Technical Enhancements and Improvements for Rel-9	TEI9	1	Rel-9	All	15/09/2008	10/12/2009	100%	not applicable	-			
1854	460002	Test - (Small) Technical Enhancements and Improvements for Rel-9	TEI9_Test	1	Rel-9	33new	20/11/2009	24/12/2010	100%	not applicable	-			
1855	330017	<i>Deleted - Services Alignment and Migration</i>	ServAI	1	Rel-9	S1	06/12/2006	18/09/2008	100%	SP-070126	sfónica O2			
1857	380071	<i>Deleted - Harmonization of Gq/Rx for Common IMS</i>	IMS_Comm_G	1	Rel-9	S2	14/01/2008	12/03/2009	100%	SP-070822	itel-Lucent			
1858	380081	<i>Deleted - Support of WiMAX - LTE Mobility</i>	WiMAX_LTE_I	1	Rel-9	R2	06/06/2008	25/12/2009	100%	RP-070511	Samsung			
1859	380082	<i>Deleted - Support of WiMAX - UMTS Mobility</i>	WiMAX_UMTS	1	Rel-9	R2	06/06/2008	25/12/2009	100%	RP-070511	Intel			
1860	380086	<i>Deleted - Definition of 3GPP UICC services over the new high-speed interface</i>	UICCHS	1	Rel-9	C6	19/03/2010	19/03/2010	100%	CP-070837	Gemalto			
1861	390040	<i>Deleted - SAES Enhancements (non RAN aspects)</i>	SAES_Ph2	1	Rel-9	S2	25/06/2007	08/12/2008	100%	-	: Networks			
1866	440071	<i>Deleted - Lawful Interception in the 3GPP Rel-9</i>	LI9	1	Rel-9	S3	04/06/2009	25/03/2010	100%	SP-090831	DS, Nortel			
1867	0	Release 9 Studies	-	1	Rel-9	RP,SP	05/06/2008	19/03/2010	100%	-	-			
1868	400036	Study on Service Specific Access Control in EPS	FS_SSAC	1	Rel-9	S1	05/06/2008	11/12/2008	100%	SP-080319	T DoCoMo			
1869	350052	Study on CS Domain Services over EPS access	FS_CSoPS	1	Rel-9	S2	25/04/2007	12/03/2009	100%	SP-080800	T-Mobile			
1870	370043	Study on Extended Support of IMS Emergency Calls	FS_IMS-eCall	1	Rel-9	S2	24/09/2007	11/12/2008	100%	SP-070547	Qualcomm			
1871	320031	Study on Service Continuity for Emergency Voice Calls	FS_VCCEm	1	Rel-9	S2	08/06/2006	12/03/2009	100%	SP-080555	Nortel			
1872	370053	Study on Security Aspects of Remote Provisioning and Change of Subscrip	FS_UM2M	1	Rel-9	S3,C6	06/04/2004	10/12/2009	100%	SP-070702	Ericsson			
1873	360006	Study on System Maintenance over Itf-N	FS_OAM-Main	1	Rel-9	S5	07/06/2007	24/09/2009	100%	SP-070306	ZTE			
1874	360007	Study on Self-Organizing Networks (SON) related OAM interfaces for Home	FS_OAM-SON	1	Rel-9	S5	07/06/2007	04/06/2009	100%	SP-080461	Huawei			
1875	390017	Study on Self-healing of Self-Organizing Networks (SON)	FS_OAM-SON	1	Rel-9	S5	22/02/2008	24/09/2009	100%	SP-080076	ZTE			
1876	400029	Study on Service Oriented Architecture (SOA) for IRP	FS_OAM_SO/	1	Rel-9	S5	05/06/2008	04/06/2009	100%	SP-080281	Ericsson			
1877	380079	Study on Evaluation of the inclusion of Path Loss Based Technology in the	FS_RAN-Pathl	1	Rel-9	R4	17/12/2007	04/12/2009	100%	RP-071050	s Wireless			
1878	390031	Study on LTE-Advanced	FS_RAN_LTE/	1	Rel-9	R3,R4	23/03/2007	19/03/2010	100%	RP-091360	T DoCoMo			
1879	410016	Study on 1.28 Mcps TDD Home NodeB	FS_RAN-HNBI	1	Rel-9	R4	20/02/2008	04/12/2009	100%	RP-080767	TD Tech			
1880	420012	Study on E-UTRAN Mobility Evaluation and Enhancement	FS_EUTRAN_	1	Rel-9	R1	05/12/2008	29/05/2009	100%	RP-081137	Qualcomm			
1881	430021	Study on Minimization of drive-tests in Next Generation Networks	FS_NGN_min_	1	Rel-9	R2	06/03/2009	04/12/2009	100%	RP-090341	Qualcomm			
1882	430027	Study on Enhanced Interference Management for HNBs	FS_eInterfMgn	1	Rel-9	R4	06/03/2009	29/05/2009	100%	RP-090361	Qualcomm			
1883	440015	Study on Enhanced Interference Management Mechanisms for HNBs	FS_eInterfMgn	1	Rel-9	R3	30/05/2009	18/09/2009	100%	RP-090667	Qualcomm			
1884	320026	<i>Deleted - Study on Protection against SMS and MMS spam</i>	FS_CPSMal	1	Rel-9	S3	08/06/2006	24/09/2009	100%	SP-060446	Orange			
1885	0	Release 8 Features	-	1	Rel-8	RP,SP	19/09/2006	19/03/2010	100%	-	-			
1886	320005	3GPP System Architecture Evolution Specification - Evolved Packet System	SAES	1	Rel-8	6,IETF	12/04/2006	15/06/2012	100%	SP-080132	T-Mobile			
1979	450022	Conformance Test Aspects – Mobility management based on DSMIPv6 (Dua	DSMIPv6_UEC	1	Rel-8	R5	18/09/2009	17/09/2010	100%	RP-090754	Qualcomm			
1980	370025	IMS Centralized Service control	ICSRA	1	Rel-8	4,IETF	01/11/2005	13/06/2014	87%	SP-070924	AT&T			
1993	370059	IMS Multimedia Telephony and Supplementary Services	IMSTSS	1	Rel-8	4,IETF	02/05/2007	13/06/2014	94%	not applicable	-			
2015	390035	3GPP2 Input to Common IMS	CIMS_3GPP2	1	Rel-8	C3,C4	07/03/2008	11/12/2008	100%	SP-080220	Nortel			
2022	350005	IMS Enhancements for support of Packet Cable access	PktCbl	1	Rel-8	C3,C4	06/12/2006	30/05/2008	100%	not applicable	Cablelabs			
2034	360012	IMS System enhancements for corporate network access	IMS_Corp	1	Rel-8	4,IETF	22/06/2007	13/06/2014	90%	SP-080095	Orange			
2040	380069	Maintenance of TISPAN documentation	MAINTISP	1	Rel-8	4,IETF	02/07/2007	13/06/2014	80%	not applicable	-			

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												Nov	Qtr 1, 2014 Jan	Mar
2045	390056	IMS Service Continuity	IMS-Cont	1	Rel-8	S1,C1	12/03/2008	29/05/2009	100%	SP-080092	electronics			
2049	370078	Security Enhancements for IMS	IMS-Sec	1	Rel-8	C1,C4	19/09/2006	06/03/2009	100%	SP-070496	Ericsson			
2055	34046	IMS initiated and controlled PSS and MBMS User Service	IMS_PSS_MB	1	Rel-8	3,IETF	12/03/2008	21/09/2011	100%	SP-080201	, Ericsson			
2058	713024	Multimedia interworking between IMS and CS networks	MIW-IMS	1	Rel-8	C3,C4	23/09/2005	05/12/2008	100%	CP-070729	Vodafone			
2063	360029	IMS Stage 3 IETF Protocol Alignment - phase 2	IMSProtoc2	1	Rel-8	1,IETF	22/06/2007	13/06/2014	90%	CP-080794	tel-Lucent			
2068	380014	Interworking between User-to-User Signalling (UUS) and SIP	UUSIW	1	Rel-8	3,IETF	30/11/2007	13/06/2014	84%	CP-070782	Huawei			
2073	380018	Support of Overlap signalling	Overlap	1	Rel-8	C1,C4	30/11/2007	06/03/2009	100%	CP-070731	Telekom			
2077	380035	AS/MRFC Stage 2 and 3	MRFC_TS	1	Rel-8	1,IETF	14/11/2007	15/06/2012	100%	CP-070784	it-Packard			
2081	400012	IMS Restoration Procedures	IMS_RP	1	Rel-8	C4,C1	30/05/2008	06/03/2009	100%	CP-080447	Ericsson			
2084	410003	IMS Application Server Service Data Descriptions for AS interoperability	IMS_ASIO	1	Rel-8	C4	12/09/2008	06/03/2009	100%	CP-080451	atel-Lucent			
2085	340030	I-WLAN Network Selection Principle (NSP)	IWLANNSP	1	Rel-8	C1,C6	14/06/2007	06/03/2009	100%	SP-060932	ifónica O2			
2089	370049	Mobility between 3GPP-WLAN Interworking and 3GPP Systems	IWLAN_Mob	1	Rel-8	S2,C1	14/09/2007	06/03/2009	100%	SP-070701	Orange			
2092	460006	Conformance Test Aspects – Mobility between 3GPP WLAN Interworking and	IWLAN_Mob_L	1	Rel-8	R5	04/12/2009	17/09/2010	100%	RP-091349	Qualcomm			
2093	7042	Enhancements for Voice Group Call Service (VGCS) Applications (EVA)	EVA	1	Rel-8	C4,G2	15/03/2006	18/09/2009	100%	SP-070904	Nortel			
2099	31081	Personal Network Management	PNM	1	Rel-8	C1,S3	11/07/2005	06/03/2009	100%	SP-080327	Vodafone			
2107	330005	eCall Data Transfer	EData	1	Rel-8	S1,C1	28/09/2006	06/03/2009	100%	SP-060678	Airbiquity			
2110	34042	eCall data transfer Phase 2: Comparison of alternative in-band modem solu	eCall_Phase2	1	Rel-8	S4	06/12/2007	24/09/2009	100%	SP-070756	Airbiquity			
2111	450001	eCall Conformance Testing	eCall_MSTest	1	Rel-8	33new	04/09/2009	03/09/2010	100%	GP-091098	Qualcomm			
2112	450023	Conformance Test Aspects – non-modem procedures of eCall sessions in U	UMTS_eCall_L	1	Rel-8	R5	18/09/2009	04/06/2010	100%	RP-090952	Qualcomm			
2113	380060	IP Interconnection of Services	IPinterc	1	Rel-8	S5,C3	16/08/2006	06/03/2009	100%	SP-080565	ifónica O2			
2121	360025	Support of (G)MSC-S – (G)MSC-S Nc Interface based on the SIP-I protocol	SIP_Nc	1	Rel-8	C4,C3	14/09/2007	06/03/2009	100%	CP-080282	Vodafone			
2126	370051	Earthquake and Tsunami Warning System	ETWS	1	Rel-8	C4,G2	10/09/2007	15/05/2009	100%	SP-070815	DoCoMo			
2132	440011	Conformance Test Aspects – UMTS Earthquake and Tsunami Warning Syst	ETWS_UMTS	1	Rel-8	R5	29/05/2009	12/03/2010	100%	RP-090467	T DoCoMo			
2133	380059	In Case of Emergency numbers storage and easy access on UICC	ICE	1	Rel-8	S1,C6	13/03/2007	06/03/2009	100%	SP-070944	Vodafone			
2136	330006	Local Charging Zone Requirements	LCZR	1	Rel-8	S1	28/09/2006	12/03/2008	100%	SP-060482	ina Mobile			
2137	340029	Customized Alerting Tone (CAT) service	CAT	1	Rel-8	C3,C4	06/12/2006	18/09/2009	100%	SP-070122	ina Mobile			
2145	340031	Service-Level Interworking for Messaging Services	MESSIW	1	Rel-8	C3,C1	26/03/2007	06/03/2009	100%	SP-070816	Huawei			
2150	340044	Multimedia Priority Service	PRIOR	1	Rel-8	C3,C4	08/06/2006	18/09/2009	100%	SP-060780	Telcordia			
2155	360010	Open Service Access (OSA) Rel-8	OSA8	1	Rel-8	S1,C5	23/08/2007	30/05/2008	100%	SP-070692	Orange			
2177	360032	Paging Permission with Access Control (PPACR)	PPACR	1	Rel-8	S1,C1	12/06/2007	05/12/2008	100%	SP-070501	DoCoMo			
2180	490017	Conformance Test Aspects – Paging Permission with Access Control (PPA	PPAC_UECon	1	Rel-8	R5	17/09/2010	10/12/2010	100%	RP-100806	T DoCoMo			
2181	380063	Charging for multi-phases services	CHRGMPH	1	Rel-8	S1	06/12/2007	12/03/2008	100%	SP-080053	com Italia			
2183	380065	Home NodeB / eNodeB	HomeNB	1	Rel-8	C1,C4	06/12/2007	06/03/2009	100%	SP-070952	Vodafone			
2188	390033	UTRA HNB	HNB	1	Rel-8	RP,S5	07/03/2008	04/06/2009	100%	not applicable	-			
2193	430022	UTRA HNB – UE Conformance Testing	HNB-UEConT	1	Rel-8	R5	06/03/2009	04/06/2010	100%	not applicable	-			
2195	350015	Lawful Interception in the 3GPP Rel-8	LI8	1	Rel-8	S3	12/03/2007	12/03/2009	100%	SP-070238	VI, Verizon			
2196	390046	Generic Bootstrapping Architecture Push Function	GBAPush	1	Rel-8	C1,C4	12/03/2008	06/03/2009	100%	SP-080133	Ericsson			
2200	34045	Requirements and Test methods for Wideband Terminals	RETEM_WB_1	1	Rel-8	S4	12/03/2008	11/12/2008	100%	SP-080004	Ericsson			
2201	34043	Extending PSS and MBMS User Services for optimized Mobile TV	PSS_MBMS_C	1	Rel-8	S4	06/12/2007	11/12/2008	100%	SP-070757	Ericsson			
2202	400028	Encoding formats, transport formats and media description signalling for ir	MTSI_eMHI	1	Rel-8	C3,C4	06/12/2007	12/03/2009	100%	SP-080443	Qualcomm			
2207	340063	Rel-8 Operations, Administration, Maintenance and Provisioning (OAM&P)	OAM8	1	Rel-8	4,IETF	07/06/2007	07/12/2012	100%	TR 30.818	-			
2226	350016	Rel-8 Charging Management small Enhancements	Ch8	1	Rel-8	S5	16/03/2006	11/12/2008	100%	TR 30.818	-			
2231	380024	Conferencing enhancements for Mp interface	eMp	1	Rel-8	C4	30/11/2007	05/12/2008	100%	CP-080725	Huawei			

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2234	320014	Contact Manager for 3GPP UICC applications	eUPHBOOK	1	Rel-8	C6	22/06/2006	05/12/2008	100%	CP-080382	Gemalto			
2239	20068	Rel-8 LTE – 3G Long Term Evolution - Evolved Packet System RAN part	LTE	1	Rel-8	RP,S5	25/09/2006	12/03/2009	100%	RP-080747	DoCoMo			
2254	25029	Rel-8 LTE – Terminal Conformance Test Specification	LTE-UEConTe	1	Rel-8	R5	01/06/2007	04/12/2009	100%	not applicable	-			
2258	350040	Rel-8 Improvements of the Radio Interface	RinImp8	1	Rel-8	RP	05/03/2007	06/03/2009	100%	not applicable	-			
2267	25125	Rel-8 Improvements of the Radio Interface - UE Conformance Testing	RinImp-UECo	1	Rel-8	R5	01/06/2007	05/12/2008	100%	not applicable	-			
2270	370035	Rel-8 RAN improvements	RANimp	1	Rel-8	RP	04/06/2007	29/05/2009	100%	not applicable	-			
2284	25126	Rel-8 RAN improvements - UE Conformance Testing	RANimp-UEC	1	Rel-8	R5	30/05/2008	17/09/2010	100%	not applicable	-			
2296	360008	3.84 Mcps TDD MBMS over a Single Frequency Network (MBSFN) Integrated	MBSFN-DOB	1	Rel-8	R1	04/06/2007	05/12/2008	100%	RP-081124	Ericsson			
2297	440008	Conformance Test Aspects – 3.84 Mcps TDD MBMS over a Single Frequency	MBSFN_IMB_I	1	Rel-8	R5	30/05/2009	19/03/2010	100%	RP-090583	IPwireless			
2298	50583	GERAN support for GERAN - 3G Long Term Evolution interworking	GELTE	1	Rel-8	33new	08/09/2006	25/11/2011	100%	GP-061757	Networks			
2303	55586	U-TDOA Enhancement	GUTEN	1	Rel-8	GP	18/05/2007	16/11/2007	100%	GP-070865	uePosition			
2304	50587	GAN Enhancements	GANENH	1	Rel-8	GP	15/05/2007	04/09/2009	100%	GP-071484	T-Mobile			
2307	50591	AoIP (A-interface over IP)	AoIP	1	Rel-8	C1,C3	03/01/2000	11/12/2008	100%	GP-081361	Ericsson			
2314	51147	New multicarrier BTS class	MCBTS	1	Rel-8	G1	31/08/2007	29/08/2008	100%	GP-071542	atel-Lucent			
2315	38001	Support for Additional Navigation Satellite Systems (ANSS) for LCS	ANSS	1	Rel-8	G2,R2	16/05/2008	11/12/2008	100%	GP-081784	Qualcomm			
2319	51149	Conformance testing for the Latency Reductions feature	CTLATRED	1	Rel-8	33new	22/02/2008	05/03/2010	100%	GP-080367	Ericsson			
2322	53091	MS conformance testing of changes introduced by WI "Support of Packet-S	PSHCT-MStes	1	Rel-8	33new	22/02/2008	21/11/2008	100%	GP-080411	& Schwarz			
2323	320001	(Small) Technical Enhancements and Improvements for Rel-8	TEI8	1	Rel-8	All	01/01/2007	11/12/2008	100%	not applicable	-			
2324	521029	(IETF) (Small) Technical Enhancements and Improvements for Rel-8	TEI8	1	Rel-8	1-IETF	01/01/2007	07/09/2012	100%	not applicable	Holmberg			
2325	400025	Test - (Small) Technical Enhancements and Improvements for Rel-8	TEI8_Test	1	Rel-8	33new	07/03/2007	24/12/2010	100%	not applicable	-			
2326	31067	Deleted - All-IP Network	AIPN	1	Rel-8	S1	28/06/2004	15/03/2006	100%	SP-050181	DoCoMo			
2328	340032	Deleted - was Rel-7 - LCS for 3GPP Interworking WLAN	LCS4_IWLAN	1	Rel-8	S2	28/09/2007	28/09/2007	100%	SP-060818	Electronics			
2329	330010	Deleted - never approved- FBI Phase 2	FB12	1	Rel-8	S2	28/09/2007	28/09/2007	100%	-	Networks			
2330	330007	Deleted -Enhancements to BS30 Bearer service for Videotelephony	BS30	1	Rel-8	S1	15/03/2007	15/03/2007	100%	SP-060484	3			
2331	370055	Deleted - IMS Enhancements Rel-8	IMS8	1	Rel-8	S1	03/09/2007	14/12/2007	100%	-	com Italia			
2332	400023	Deleted - Contact Manager Conformance Test specifications	eUPHBOOK-T	1	Rel-8	C6	02/06/2008	19/03/2010	100%	CP-080430	Gemalto			
2335	53092	Deleted - MS conformance testing of Support of Conversational Services in A/Gb mode via the PS domain	SCSAGBCT-M	1	Rel-8	33new	25/02/2008	04/09/2009	100%	GP-080330	Nokia			
2336	0	Release 8 Studies	-	1	Rel-8	RP,SP	07/10/2005	12/11/2010	100%	-	-			
2337	7026	Study on Customised Alerting Tone (CAT) Requirements	FS_CAT	1	Rel-8	S1	07/10/2005	14/09/2006	100%	SP-060474	ina Mobile			
2338	7027	Study on Facilitating Machine to Machine Communication in GSM and UMT	FS_M2M	1	Rel-8	S1	04/11/2005	08/03/2007	100%	SP-050527	Siemens			
2339	31089	Study on Network Composition	FS_NetComp	1	Rel-8	S1	07/12/2005	12/12/2007	100%	SP-060478	Networks			
2340	320024	Study on Requirements of IMS Multimedia Conferencing	FS_IMSconf	1	Rel-8	S1	08/06/2006	12/09/2007	100%	SP-060479	ina Mobile			
2341	320025	Study on support of a Public Warning System	FS_PWS	1	Rel-8	S1	03/09/2007	14/03/2008	100%	SP-080054	T-Mobile			
2342	330016	Study on Paging Permission with Access Control	FS_PPAC	1	Rel-8	S1	28/09/2006	20/09/2007	100%	SP-060785	DoCoMo			
2343	340033	Study on Non-3GPP access Network Selection Principles (NSP)	FS_N3GtoNSF	1	Rel-8	S1	06/12/2006	05/06/2008	100%	SP-080318	efónica O2			
2344	340034	Study on Value Added Services for Short Message Service	FS_VAS4SMS	1	Rel-8	S1	06/12/2006	07/12/2007	100%	SP-060786	ina Mobile			
2345	340035	Study on Service continuity between mobile and WLAN networks	FS_SMLSWL	1	Rel-8	S1	06/12/2006	06/12/2007	100%	SP-060936	NEC			
2346	370086	Study on Services Alignment and Migration	FS_ServAI	1	Rel-8	S1	06/12/2006	12/03/2008	100%	SP-070126	efónica O2			
2347	32085	Study on 3GPP System Architecture Evolution	FS_SAE	1	Rel-8	S2,S3	03/12/2004	12/03/2009	100%	SP-070163	Vodafone			
2351	320028	Study on Stage 2 aspects of IMS Service Brokering	FS_ISB_ST2	1	Rel-8	S2	19/06/2006	18/09/2008	100%	SP-060443	Telcordia			
2352	7049	Study on IMS utilizing multicast bearer services	FS_MLTICAST	1	Rel-8	S2	22/03/2006	06/12/2007	100%	SP-060148	Networks			
2353	350051	Study on Multimedia Session Continuity	FS_MMSC	1	Rel-8	S2	26/04/2007	05/06/2008	100%	SP-070818	Electronics			
2354	380034	Study on centralized IMS service control	FS_ICS	1	Rel-8	S2,S1	23/10/2006	12/03/2008	100%	SP-070494	Ericsson			

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												Nov	Jan	Mar
2357	380078	Study on Architecture of IMS based Customized Alerting Tone (CAT)	FS_CAT-SI2	1	Rel-8	S2	04/12/2007	18/09/2008	100%	SP-070905	ina Mobile			
2358	380085	Study on Home (e)NodeB Security	FS_HNB_Sec	1	Rel-8	S3	20/12/2007	12/03/2009	100%	SP-070783	Huawei			
2359	360015	Study on Transferring of emergency call data – in-band modem solution	eCALLIBMS	1	Rel-8	S4	07/12/2006	12/12/2007	100%	SP-060935	Airbiquity			
2360	35065	Study on Element Operations Systems Function (EOSF) definition	OAM7-NIM- E	1	Rel-8	S5	07/06/2007	12/06/2008	100%	SP-070307	ina Mobile			
2361	35074	Study on SA5 MTOSI XML Harmonization	OAM8-NIM-XM	1	Rel-8	S5	10/05/2006	12/09/2007	100%	SP-070305	Nortel			
2362	320006	Study on Common Profile Storage (CPS) Framework of User Data for netwo	OAM7-CPS	1	Rel-8	S5	03/07/2006	07/06/2007	100%	SP-060263	T-Mobile			
2363	340036	Study on Management for LTE and SAE	FS_OAM_LTE	1	Rel-8	S5	07/12/2006	11/12/2008	100%	SP-060753	Ericsson			
2364	350004	Study on Charging Aspects of 3GPP System Evolution	FS_SAEcharg	1	Rel-8	S5	02/04/2007	06/12/2007	100%	SP-070174	s Networks			
2365	7048	Study on AS-MRFC media server control protocol	MRFC	1	Rel-8	C1	22/03/2006	13/06/2008	100%	CP-060180	tt-Packard			
2366	350018	Study on IMS Restoration Procedures	FS_IMS_RP	1	Rel-8	C4	26/03/2007	30/05/2008	100%	CP-070031	Ericsson			
2367	360030	Study on IMS Application Server Service Data Descriptions for AS interoper	FS_IMS_ASIO	1	Rel-8	C4	14/09/2007	12/09/2008	100%	CP-070685	atel-Lucent			
2368	360031	Study on Customized Alerting Tone (CAT) solution for voice and video call i	FS_CAT_VVC	1	Rel-8	C4	14/09/2007	12/09/2008	100%	CP-070518	ina Mobile			
2369	380023	Study on InterWorking Function between MAP based and Diameter based ir	FS_MAP2Dian	1	Rel-8	C4	30/11/2007	05/12/2008	100%	CP-070760	Huawei			
2370	370041	Study on Scope of future HSPA Evolution for 1.28 Mcps TDD	FS_RAN-LCR	1	Rel-8	R1	14/09/2007	30/05/2008	100%	RP-070748	RITT			
2371	370042	Study on Synchronized E-DCH for UTRA FDD	FS_RAN-Uplin	1	Rel-8	R1	14/09/2007	07/03/2008	100%	RP-070678	s Networks			
2372	360016	Study on Improved network controlled mobility between LTE and 3GPP2/m	FS_RAN-LTEr	1	Rel-8	R4	04/06/2007	03/12/2007	100%	RP-070511	Motorola			
2373	350039	Study on 3G Home NodeB/eNodeB	FS_RAN-HNB	1	Rel-8	R4	05/03/2007	30/05/2008	100%	RP-070257	Motorola			
2374	50589	Study on A-interface over IP	AIN TIP	1	Rel-8	GP	31/08/2007	22/02/2008	100%	GP-071562	s, Ericsson			
2375	50590	Study on Multi-User Reusing-One-Slot	MUROS	1	Rel-8	GP	16/11/2007	12/11/2010	100%	GP-072033	s Networks			
2376	51148	Study on Optimized Transmit Pulse Shape for Downlink EGPRS2-B	WIDER	1	Rel-8	G1	16/11/2007	21/05/2010	100%	GP-072026	s Networks			
2377	350017	<i>Deleted - Study on Mobility between 3GPP-WLAN Interworking and 3GPP Systems</i>	FS_SM3GWL	1	Rel-8	S2	20/03/2007	18/09/2008	100%	SP-070106	Orange			
2378	370044	<i>Deleted - equals 340035 -FS on Service continuity between mobile and WLAN networks</i>	FS_SCMobToW	1	Rel-8	S1	03/09/2007	14/12/2007	100%	SP-070557	BT			
2379	380068	<i>Deleted - Study on Evaluation of LCS Control Plane Solution for EPS</i>	FS_LCS_EPS	1	Rel-8	S2	14/01/2008	30/05/2008	100%	SP-070819	SiRF			
2380	380080	<i>Deleted - Study on HS-PDSCH serving cell change enhancements</i>	FS_RAN-HSP	1	Rel-8	R4	17/12/2007	07/03/2008	100%	RP-071044	Qualcomm			
2381	390032	<i>Deleted - Study on Dual-Cell HSDPA operation</i>	FS_RAN-DCH	1	Rel-8	R1	15/08/2007	06/03/2009	100%	RP-080228	Qualcomm			
2382	0	Release 7 Features	-	1	Rel-7	RP,SP	02/05/2005	06/12/2007	100%	-	-			
2383	732097	Identification of Communication Services in IMS	ServID	1	Rel-7	C1,S5	02/05/2005	14/09/2007	100%	SP-060293	Ericsson			
2388	32116	Supporting Globally Routable User Agent URIs in IMS	GRUU	1	Rel-7	S1,C1	14/11/2005	15/06/2007	100%	SP-050633	In Motion			
2392	7038	Multimedia Telephony Service for IMS	MTSI	1	Rel-7	C1,S4	01/02/2006	15/06/2007	100%	SP-060224	Ericsson			
2397	350147	Multimedia Telephony Service for IMS (MTSI) - UE Conformance Testing	MTSI-UEConT	1	Rel-7	R5	19/09/2007	12/03/2009	100%	RP-080605	1, Motorola			
2398	377001	TISPAN requirements for Multimedia Telephony with PSTN/ISDN simulation	TMMTEL7	1	Rel-7	S1	18/09/2007	06/12/2007	100%	SP-070568	-			
2399	377001	Maintenance of TISPAN release 1 common IMS	MCIMSTR1	1	Rel-7	S2	02/07/2007	07/03/2008	100%	SP-070915	Ericsson			
2404	32045	PS domain and IMS impacts for supporting IMS Emergency calls	EMC1	1	Rel-7	4,IETF	18/09/2000	09/12/2011	100%	SP-050604	Siemens			
2417	11065	IMS Support of Conferencing	IMSconf	1	Rel-7	C1	04/11/2005	15/03/2007	100%	CP-070120	atel-Lucent			
2418	34033	Performance Characterization of VoIMS over HSDPA/EUL channels	VoIMS-PCVol	1	Rel-7	S4	15/03/2005	06/12/2007	100%	SP-050089	atel-Lucent			
2419	31062	WLAN-UMTS Interworking Phase 2	WLAN2	1	Rel-7	S1,S2	05/01/2004	07/06/2005	100%	SP-030712	Telenor			
2422	32110	WLAN Interworking – Private Network access from WLAN 3GPP IP Access	WLANPNA	1	Rel-7	C3,C4	10/10/2005	26/09/2006	100%	SP-050489	NEC			
2428	32092	Enhancements to support QoS provisioning over 3GPP/WLAN Interworking	WLANQOS	1	Rel-7	C4,C1	14/03/2005	09/03/2007	100%	SP-050682	Samsung			
2433	32079	Location Services enhancements	LCS3	1	Rel-7	C4,R2	28/06/2004	17/12/2007	100%	SP-040682	-			
2445	31084	MBMS Enhancements	MBMSE	1	Rel-7	R1,C3	11/07/2005	30/11/2007	100%	SP-050389	ina Mobile			
2451	400058	MBMS - UE Conformance Testing	MBMSE_UEC	1	Rel-7	R5	01/06/2007	04/12/2009	100%	not applicable	-			
2455	34038	MBMS User Service Extensions	MBMSUSE	1	Rel-7	S4	07/12/2005	07/06/2007	100%	SP-050838	Ericsson			
2456	31051	Advanced Global Navigation Satellite System (AGNSS) concept	LCS3-AGNSS	1	Rel-7	GP,R2	28/06/2004	31/08/2007	100%	SP-040681	Alcatel			

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2460	50581	A-GPS Minimum Performance	GAGR	1	Rel-7	G1,G3	28/04/2006	31/08/2007	100%	GP-060834	Spirent			
2461	31048	USSD message delivery and transfer to USIM	USSD-USIM	1	Rel-7	S1,C6	05/03/2004	12/08/2005	100%	SP-040104	Axalto			
2464	31063	Combinational Services	CSICS	1	Rel-7	C1,S4	17/01/2005	06/03/2006	100%	SP-050228	eliaSonera			
2469	31065	CAMEL Trunk Triggers	TTCAMEL	1	Rel-7	S1,C4	17/12/2004	05/12/2005	100%	SP-040743	Nortel			
2472	31088	IMS Service Brokering enhancements	ISB	1	Rel-7	S1	07/12/2005	13/03/2006	100%	SP-050830	Telcordia			
2474	11045	Enhancements of VGCS for public authority officials	EVGCS	1	Rel-7	C4,G2	27/08/2004	15/06/2007	100%	SP-040304	-			
2480	11055	Improvements of VGCS for parallel use of services	IVGCS	1	Rel-7	S1	15/03/2005	15/03/2007	100%	SP-070167	-			
2486	31071	Open Service Access (OSA) Rel-7	OSA7	1	Rel-7	S1,C5	15/03/2005	08/06/2007	100%	SP-050183	AePONA			
2498	31053	Selective Disabling of UE Capabilities	SDoUE	1	Rel-7	S2,C1	24/01/2005	15/06/2007	100%	SP-050182	Motorola			
2502	7041	Network selection enhancements (NSP)	NSP-CR	1	Rel-7	S1	15/03/2006	15/06/2007	100%	SP-060220	O2			
2505	25048	Network selection enhancements (NSP) - UE Conformance Testing	NSP-CR_UEC	1	Rel-7	R5	01/06/2007	05/12/2008	100%	RP-080135	Nokia			
2506	32064	Access Class Barring and Overload Protection	ACBOP	1	Rel-7	S2,C1	15/03/2004	08/09/2006	100%	SP-040338	Vodafone			
2512	32074	System enhancements for Fixed Broadband access to IMS	FBI	1	Rel-7	4,IETF	05/11/2003	09/12/2011	100%	SP-060145	-			
2525	32081	Support of SMS over generic 3GPP IP access	SMSIP	1	Rel-7	C4,C1	14/10/2004	14/06/2007	100%	SP-060658	Huawei			
2531	32082	Evolution of Policy Control and Charging	PCC	1	Rel-7	C3,C1	14/10/2004	30/11/2007	100%	SP-060217	Nokia			
2540	32091	Voice Call Continuity between CS and IMS (incl. I-WLAN)	VCC	1	Rel-7	C1,C4	31/12/2004	15/06/2007	100%	SP-060292	tel-Lucent			
2549	7046	One Tunnel solution for optimization of Packet Data Traffic	OPTUNEL	1	Rel-7	S2	27/03/2006	31/10/2007	100%	SP-060819	Nokia			
2553	320029	CSI Terminating Session handling	CSltermS	1	Rel-7	S2,C1	08/06/2006	15/06/2007	100%	SP-060437	Samsung			
2557	33022	Liberty Alliance and 3GPP Security Interworking	LibSec	1	Rel-7	S3	10/03/2005	30/11/2006	100%	SP-050145	Nokia			
2558	33023	Trust Requirements for Open Platforms in 3GPP	TrustOP	1	Rel-7	S3	03/01/2005	30/11/2006	100%	SP-040863	Nokia			
2559	33024	Development of UEA2 and UIA2	AlgUEA2	1	Rel-7	S3	01/12/2004	09/12/2005	100%	SP-040864	eliaSonera			
2560	33026	Lawful Interception in the 3GPP Rel-7 architecture	LI-7A	1	Rel-7	S3	28/06/2005	08/12/2005	100%	SP-050237	BMWl			
2561	33028	Key establishment between a UICC and a terminal	KeyEstUTerm	1	Rel-7	S3	07/12/2005	28/09/2006	100%	SP-050780	Gemalto			
2562	330008	NDS Authentication Framework Extension for Transport Layer Security	NDSAF TLS	1	Rel-7	S3	28/09/2006	06/12/2006	100%	SP-060507	Nokia			
2563	732030	Security enhancements	SEC7	1	Rel-7	C1,C4	12/09/2005	30/11/2006	100%	-	-			
2570	711052	IMS Stage 3 IETF Protocol Alignment	IMSProtoc	1	Rel-7	C1	10/12/2004	14/03/2007	100%	CP-060101	-			
2571	7043	Interoperability between VGCS/VBS and A/Gb flexibility	VGCSFlex	1	Rel-7	C1,C4	22/03/2006	09/03/2007	100%	CP-060102	Siemens			
2574	13023	DIAMETER on the GGSN Gi interface	DIAMGi	1	Rel-7	C3	10/09/2004	08/12/2006	100%	CP-060431	Vodafone			
2575	13022	DIAMETER on the PDG Wi interface	DIAMWi	1	Rel-7	C3	10/09/2004	08/12/2006	100%	CP-060432	Vodafone			
2576	13033	Interworking between the 3GPP CS domain with BICC or ISUP as signalling	ExtSIPI	1	Rel-7	C3	22/09/2006	22/07/2008	100%	CP-070101	Siemens			
2577	340047	PDU multiplexing at Nb Interface with IP transport	NbIPMux	1	Rel-7	C3	04/12/2006	22/07/2008	100%	CP-070105	atel-Lucent			
2578	14012	Mp (MRFC - MRFP) interface	Mp	1	Rel-7	C4,C1	13/02/2006	08/06/2007	100%	CP-070246	Ericsson			
2583	340016	Routing of MT-SMS via the HPLMN	SMSviaH	1	Rel-7	C4,C1	01/12/2006	09/03/2007	100%	CP-070032	Vodafone			
2584	350003	Mobile Termination whilst the MS is moving to another MSC	MTmovMS	1	Rel-7	C4	09/03/2007	31/05/2007	100%	CP-070334	atel-Lucent			
2585	743009	ISIM API for Java Card	APIJAVA	1	Rel-7	C6	14/03/2005	27/07/2007	100%	CP-050145	Sun			
2586	440042	Rel-7 (U)SIM API Testing (TS 31.213)	USIM_API_Tes	1	Rel-7	C6	30/05/2009	19/03/2010	100%	CP-090450	sgem Orga			
2587	330001	High speed interface between the UICC and the ME	HSI	1	Rel-7	C6	22/09/2006	30/11/2007	100%	CP-070259	Gemalto			
2588	34030	Video Codec Performance Requirements	VICPer	1	Rel-7	S4	03/01/2005	07/06/2007	100%	SP-040836	Siemens			
2589	34032	Dynamic and Interactive Multimedia Scenes	DIMS	1	Rel-7	S4	15/03/2005	07/06/2007	100%	SP-050195	treamezzo			
2590	34034	3G-324M Video Telephony Call Setup Times Improvements	VTCS TI	1	Rel-7	S4	08/06/2005	27/09/2006	100%	SP-050404	Vodafone			
2591	34035	Optimizations for Multimedia Telephony over IMS	OMTIMS	1	Rel-7	S4	28/09/2005	28/09/2005	100%	SP-060226	Ericsson			
2593	34036	End-to-End Multimedia Services Performance Metrics	E2EMSPM	1	Rel-7	S4	28/09/2005	15/03/2007	100%	SP-050433	ina Mobile			
2594	34039	Packet Switched Streaming Enhancements	PSSe	1	Rel-7	S4	08/06/2006	07/06/2007	100%	SP-060361	Ericsson			

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2595	35041	Rel-7 Operations, Administration, Maintenance and Provisioning (OAM&P)	OAM7	1	Rel-7	S5	02/09/2005	26/06/2007	100%	TR 30.817	Huawei			
2623	320007	Rel-7 Charging Management small Enhancements	CH7	1	Rel-7	S5	22/05/2006	14/06/2007	100%	TR 30.817	Orange			
2626	2468	Multiple-Input Multiple-Output (MIMO) antennas	MIMO	1	Rel-7	R1,R5	14/03/2003	07/03/2008	100%	RP-030192	tel-Lucent			
2633	20028	Rel-7 Improvements of the Radio Interface	RinImp	1	Rel-7	RP,GP	15/09/2004	04/06/2007	100%	-	-			
2648	25025	Rel-7 Improvements of the Radio Interface - UE Conformance Testing	RinImp-UECo	1	Rel-7	R5	11/11/2005	12/09/2008	100%	not applicable	-			
2657	20029	Rel-7 RAN improvements	RANimp	1	Rel-7	RP,S5	15/12/2004	15/06/2007	100%	-	-			
2672	25026	Rel-7 RAN improvements - UE Conformance Testing	RANimp-UEC	1	Rel-7	R5	20/09/2006	18/09/2009	100%	not applicable	-			
2679	20014	7.68 Mcps TDD option	VHCRTDD	1	Rel-7	R4,R5	15/09/2004	14/09/2007	100%	RP-060119	Pwireless			
2686	20035	3.84 Mcps TDD Enhanced Uplink	EDCHTDD	1	Rel-7	RP	15/03/2005	15/09/2006	100%	RP-050100	Pwireless			
2692	20055	1.28 Mcps TDD Enhanced Uplink	LCRTDD-EDC	1	Rel-7	R4,R5	15/03/2006	12/09/2008	100%	RP-060202	CATT			
2698	490016	Conformance Test Aspects – Multiple Band and Multiple Frequency operati	LCRTDD_MB_	1	Rel-7	R5	17/09/2010	16/09/2011	100%	RP-100805	CATR			
2699	50118	MS Antenna Performance Evaluation Method and Requirements	APEMR	1	Rel-7	GP	28/01/2005	16/11/2007	100%	GP-050284	eliaSonera			
2700	50119	Lower 700 MHz Inclusion in the GERAN Specifications	GSM710	1	Rel-7	GP	03/01/2005	30/06/2006	100%	GP-050543	UTC			
2704	50564	Support of Conversational Services in A/Gb mode via the PS domain	SCSAGB	1	Rel-7	GP	08/04/2005	31/08/2007	100%	GP-061501	Ericsson			
2710	50565	Addition of new frequency band to GSM (T-GSM810)	TGSM810	1	Rel-7	GP	08/04/2005	31/08/2007	100%	GP-050945	Huawei			
2714	50567	Handover of dedicated and shared resources while in Dual Transfer Mode	HODSRDTM	1	Rel-7	GP	08/04/2005	17/11/2006	100%	GP-050979	Nokia			
2718	50569	Mobile Station Receive Diversity (DARP Phase II)	MSRD2	1	Rel-7	GP	11/11/2005	16/11/2007	100%	GP-061491	Nokia			
2723	50579	Downlink Dual Carrier	GDCDL	1	Rel-7	GP	20/01/2006	04/09/2009	100%	GP-061331	Networks			
2727	50580	Support of SIGTRAN in GERAN	GSIGT	1	Rel-7	GP	20/01/2006	30/06/2006	100%	GP-060450	Ericsson			
2728	50582	Latency Reductions	LATRED	1	Rel-7	GP	30/06/2006	31/08/2007	100%	GP-061519	Ericsson			
2731	52147	PS Handover between GERAN/UTRAN mode and GAN Mode	GUGAN	1	Rel-7	G2	30/06/2006	16/02/2007	100%	GP-061349	Ericsson			
2732	50584	Higher Uplink performance for GERAN Evolution	HUGE	1	Rel-7	GP	08/09/2006	20/05/2011	100%	GP-071083	Ericsson			
2739	50121	REduced symbol Duration, Higher Order modulation and Turbo coding (RE)	REDHOT	1	Rel-7	GP	17/11/2006	20/05/2011	100%	GP-071080	ts, Marvell			
2744	60110	(Small) Technical Enhancements and Improvements for Rel-7	TEI7	1	Rel-7	All	26/03/2007	26/03/2007	100%	not applicable	-			
2745	25030	Test - (Small) Technical Enhancements and Improvements for Rel-7	TEI7_Test	1	Rel-7	R5	02/06/2006	28/11/2007	100%	not applicable	-			
2746	32113	Deleted - PS domain and IMS support for IMS Emergency sessions	IMS-EMER	1	Rel-7	S2	23/06/2006	21/09/2006	100%	SP-050604	Nokia			
2749	32005	Deleted - IMS Local services	IMSLocal	1	Rel-7	S2	06/01/2006	06/01/2006	100%	-	-			
2752	32078	Deleted - IMS Phase 3	-	1	Rel-7	S2	06/01/2006	06/01/2006	100%	-	-			
2753	701216	Deleted - Improvements of Radio Interface	RinImp	1	Rel-7	RP	15/09/2004	15/09/2004	100%	RAN_WI	-			
2754	14018	Deleted: Generic User Profile Phase 2	-	1	Rel-7	C4	08/08/2005	30/06/2006	100%	-	-			
2755	42003	Deleted - Stage 3 - Common objects	-	1	Rel-7	C4	08/08/2005	30/06/2006	100%	TP-020275	-			
2756	0	Release 7 Studies	-	1	Rel-7	RP,SP	28/06/2004	17/09/2007	100%	-	-			
2757	31082	Study on Multimedia Telephony Capabilities for IMS	MITE	1	Rel-7	S1	11/07/2005	31/07/2006	100%	SP-050387	Ericsson			
2758	31050	Study on Behaviour of Multi system UEs	BMSU	1	Rel-7	S1	28/06/2004	15/12/2005	100%	SP-050502	Qualcomm			
2759	31055	Study on Combining CS calls and IMS sessions	IRTS-DS-CS_IM	1	Rel-7	S1	28/06/2004	17/03/2005	100%	SP-040467	eliaSonera			
2760	31059	Study on All-IP Network	FS_AIPN	1	Rel-7	S1	28/06/2004	16/03/2005	100%	SP-040303	T DoCoMo			
2761	31075	Study on Videotelephony teleservice	VidTel	1	Rel-7	S1	01/03/2005	17/01/2006	100%	SP-050506	T-Mobile			
2762	31073	Study on Network Selection Principles	NetSel	1	Rel-7	S1	15/03/2005	08/12/2005	100%	SP-050227	O2			
2763	31041	Study on Multimedia Priority Service	PRIOR-MM	1	Rel-7	S1	28/03/2003	30/06/2006	100%	SP-060329	Telcordia			
2764	31083	Study on Transferring of emergency Call data	eCALL	1	Rel-7	S1	11/07/2005	31/03/2006	100%	SP-050388	Motorola			
2765	32073	Study on Enhancement of E2E QoS	QoS7	1	Rel-7	S2	28/06/2004	15/09/2005	100%	SP-040326	Huawei			
2766	35066	Study on SOAP/HTTP IRP Solution Sets	OAM7-NIM-XN	1	Rel-7	S5	02/09/2005	07/12/2006	100%	SP-050610	Nortel			
2767	35067	Study on Irf-N Implementation Conformance Statement (ICS) template	OAM7-NIM-IC	1	Rel-7	S5	02/09/2005	15/03/2007	100%	SP-050609	ina Mobile			

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2768	35068	Study on IRP Information Model	OAM7-NIM-IM	1	Rel-7	S5	02/09/2005	15/03/2007	100%	SP-050611	Motorola			
2769	7034	Study on Bandwidth Saving at Nb Interface with IP transport	BSNbIP	1	Rel-7	C3	10/03/2006	09/03/2007	100%	CP-060438	Siemens			
2770	14019	Study on Routeing of MT-SMS via the HPLMN	SMS7	1	Rel-7	C4	07/10/2005	01/12/2006	100%	CP-060701	Vodafone			
2771	7025	Study on the TCAPsec Gateway concept	SEC7-TCAP	1	Rel-7	C4	28/10/2005	10/03/2006	100%	CP-050687	Siemens			
2772	7050	Study on using M2PA in 3GPP network	FS-M2PA	1	Rel-7	C4	22/03/2006	08/06/2007	100%	CP-060698	ina Mobile			
2773	320018	Study on Support of (G)MSC-S - (G)MSC-S Nc Interface based on the SIP-I p	NcSIP	1	Rel-7	C4,C3	15/05/2006	14/09/2007	100%	CP-070034	Vodafone			
2776	20023	Study on Evolved UTRA and UTRAN	RANFS-Evo	1	Rel-7	RP	15/12/2004	15/09/2006	100%	RP-040461	T DoCoMo			
2777	20034	Study on Performance Evaluation of the UE behaviour in high speed trains	RANFS-HSTra	1	Rel-7	R4	15/03/2005	15/06/2006	100%	RP-050146	Vodafone			
2778	20041	Study on UTRA Tower Mounted Amplifier (FDD)	RANFS-TMA	1	Rel-7	R4	15/06/2005	14/03/2006	100%	RP-050387	Ericsson			
2779	20044	Study on Continuous connectivity for packet data users	RANFS-cont-p	1	Rel-7	R1	15/03/2005	14/09/2005	100%	RP-050391	Siemens			
2780	20051	Study on Improvement of the Multimedia Broadcast Multicast Service (MBM	RANFS-MBME	1	Rel-7	R2	15/12/2005	15/12/2006	100%	RP-050746	Electronics			
2781	20052	Deleted - Study on Performance Improvements in Small Cells using HSDPA	SMALLCELLS	1	Rel-7	R1,R4	15/12/2005	15/06/2006	100%	RP-050782	Cingular			
2782	20053	Study on Further Improved Performance Requirements for UMTS/HSDPA UI	RANFS-IC	1	Rel-7	R4	15/12/2005	04/06/2007	100%	RP-050880	Cingular			
2783	20065	Study on Scope of future FDD HSPA Evolution	RANFS-HSPA	1	Rel-7	RP	15/03/2006	17/09/2007	100%	RP-060217	Cingular			
2784	330013	Study on Dynamically reconfiguring a FDD UE receiver to reduce power cor	FSUEPow	1	Rel-7	R4	22/06/2007	22/06/2007	100%	RP-060641	Nokia			
2785	50568	Study on Future GERAN Evolution	FGE	1	Rel-7	GP	08/04/2005	16/02/2007	100%	GP-051052	Nokia			
2786	50120	Study on GAN Enhancements	EGAN	1	Rel-7	GP	31/08/2007	31/08/2007	100%	GP-062298	T-Mobile			
2787	31054	Deleted - Study on IMS with real time services deployment	IRTSD	1	Rel-7	S1	28/06/2004	12/09/2005	100%	SP-040465	-			
2788	31077	Deleted - Covered by SI - Personal Network (PN) and Personal Area Network (PAN)	PNPAN	1	Rel-7	S1	08/12/2005	20/12/2005	100%	SP-050386	Vodafone			
2789	7011	Deleted - Study on Personal Network and Personal Area Network	PNPAN	1	Rel-7	S1	20/10/2006	20/10/2006	100%	-	-			
2790	31078	Deleted - Covered by SI - Multimedia Telephony Capabilities for IMS	MITE	1	Rel-7	S1	08/12/2005	20/12/2005	100%	SP-050387	Ericsson			
2791	31079	Deleted - Covered by SI - Transferring of emergency Call data	eCALL	1	Rel-7	S1	08/12/2005	08/12/2005	100%	SP-050388	Motorola			
2792	31080	Deleted - Covered by SI - MBMS Enhancements	MBMSE	1	Rel-7	S1	08/12/2005	08/12/2005	100%	SP-050389	ina Mobile			
2793	31087	Deleted - Study on Customised Alerting Tone (CAT) Requirements (was duplicated)	CAT	1	Rel-7	S1	30/06/2006	30/06/2006	100%	SP-050607	-			
2794	320017	Deleted - Study on LCS architecture for I-WLAN (covered by 32108)	IMS-SE	1	Rel-7	S2	08/12/2006	08/12/2006	100%	-	Electronics			
2795	732028	Deleted - IMS security extensions (covered by UID33027)	IMS-SE	1	Rel-7	S3	08/12/2005	08/12/2005	100%	SP-050395	Ericsson			
2796	32029	Deleted - Study on applicability of GALILEO for LCS	Galileo	1	Rel-7	S2	30/06/2005	30/06/2005	100%	SP-020541	-			
2799	32076	Deleted - Study on Stage 2 (IMS services using CS bearers)	IRTSD-IMSCS	1	Rel-7	S2	28/06/2004	12/09/2005	100%	SP-040479	Nortel			
2800	32099	Deleted - VoIMS bearer related enhancements	VoIMS	1	Rel-7	S2	21/07/2006	21/07/2006	100%	-	-			
2802	32112	Deleted - Study on IMS enhancements and optimizations for real time communication.	IMS-RT	1	Rel-7	S2	10/10/2005	01/06/2007	100%	SP-050492	Ericsson			
2803	32117	Deleted - Study on Terminating Session handling	CSlterm	1	Rel-7	S2	09/01/2006	29/12/2006	100%	SP-050811	Samsung			
2804	34040	Deleted - Study on Transferring of emergency call data -- in-band modem solution (moved to Rel-8)	eCALLIBMS	1	Rel-7	S4	22/06/2007	22/06/2007	100%	SP-060935	Airbiquity			
2805	35045	Deleted - Study on IRP usage scenarios	OAM-Study	1	Rel-7	S5	02/09/2005	07/12/2006	100%	SP-050303	Lucent			
2806	360009	Deleted - Study on Interference Cancellation for UTRA FDD UE (covered by UID 20053)	RANFS-InterfC	1	Rel-7	R4	28/03/2007	28/03/2007	100%	-	-			
2807	50552	Deleted - Study on enhanced support of Video Telephony	VIDGER	1	Rel-7	GP	30/06/2006	30/06/2006	100%	GP-042221	Ericsson			
2808	0	Release 6 Features	-	1	Rel-6	SP,TP	28/06/2002	30/12/2005	100%	-	-			
2809	1216	Rel-6 Improvements of Radio Interface	RinImp	1	Rel-6	R4,R5	14/08/2000	01/12/2006	100%	RAN WI	-			
2823	3	Rel-6 RAN Feasibility Studies	-	1	Rel-6	RP	14/08/2000	14/03/2005	100%	N WI History	-			
2834	20003	FDD Enhanced Uplink	EDCH	1	Rel-6	R4,R5	15/03/2004	14/09/2007	100%	RAN WI	Ericsson			
2841	9	Rel-6 RAN improvements	RANimp	1	Rel-6	RP,S5	09/09/2002	14/03/2005	100%	RAN WI	-			
2855	32023	Location Services enhancements 2	LCS2	1	Rel-6	S,OMA	15/01/2001	16/12/2004	100%	SP-030127	Nokia			
2878	1571	Rel-6 Security enhancements	SEC1	1	Rel-6	S3	03/01/2001	26/11/2004	100%	SP-000421	Vodafone			
2885	33020	Network Domain Security; MAP application layer security (NDS/MAPsec)	MAPSEC	1	Rel-6	S3	06/07/2004	29/12/2004	100%	SP-040280	Vodafone			

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												Qtr 1, 2014		
												Nov	Jan	Mar
2886	32021	IMS Phase 2	IMS2	1	Rel-6	NP,R5	28/08/2000	14/09/2007	100%	-	-			
2921	32063	3GPP Enablers for services like Push to Talk over Cellular (PoC)	PoC	1	Rel-6	,S4,S5	08/09/2003	09/06/2005	100%	SP-030384	Ericsson			
2926	32062	Study on Interworking aspects and migration scenarios for IPv4 based IMS	IPv4IMS	1	Rel-6	S2	08/09/2003	25/06/2004	100%	SP-040327	Siemens			
2927	11032	Interoperability and Commonality between IMS using different IP-connectivi	IMSCOOP	1	Rel-6	S2	16/09/2002	12/12/2003	100%	-	-			
2931	1365	Support of Push Services	PUSH	1	Rel-6	S1	03/01/2001	27/02/2004	100%	SP-000669	Comware			
2934	42009	Rel-6 Multimedia Messaging (MMS) enhancements	MMS6	1	Rel-6	,OMA	15/08/2002	07/12/2005	100%	TP-030175	Siemens			
2943	42005	Rel-6 MExE enhancements	MEXE6	1	Rel-6	T2	08/03/2002	06/06/2003	100%	-	-			
2946	2062	Subscription Management	SuM	1	Rel-6	S5	20/09/2002	17/03/2005	100%	SP-040763	T-Mobile			
2947	2499	Presence Capability	PRESNC	1	Rel-6	,OMA	19/03/2001	07/12/2005	100%	SP-010064	Motorola			
2955	50056	Enhanced A/Gb feasibility study	AGbEnFS	1	Rel-6	GP	30/08/2002	08/11/2002	100%	GP-022565	Vodafone			
2963	50063	Flexible Layer One for GERAN	FLOGGER	1	Rel-6	GP,S3	03/01/2000	25/06/2004	100%	GP-021018	Nokia			
2981	50041	Uplink TDOA feasibility study	TDOAF	1	Rel-6	GP	30/11/2001	28/06/2002	100%	GP-012794	uePosition			
2982	2544	Multimedia Broadcast and Multicast Service	MBMS	1	Rel-6	,3new	11/05/2001	07/03/2008	100%	-	-			
3017	31006	Speech Recognition and Speech Enabled Services	SRSES	1	Rel-6	,OMA	08/10/2001	30/12/2005	100%	SP-010572	-			
3023	31008	Generic User Profile Rel-6	GUP	1	Rel-6	,S3,N4	08/10/2001	03/03/2005	100%	SP-040515	-			
3029	31010	Digital Rights Management	DRM	1	Rel-6	,OMA	08/10/2001	28/05/2004	100%	SP-010577	-			
3035	31012	WLAN-UMTS Interworking Rel-6	WLAN	1	Rel-6	,N4,T3	03/01/2000	22/09/2005	100%	SP-030712	Telenor			
3046	31015	Priority Service	PRIOR1	1	Rel-6	S1	30/05/2002	26/09/2003	100%	SP-010523	Telcordia			
3050	31018	Network Sharing	NTShar	1	Rel-6	,R2,R5	20/01/2003	10/03/2006	100%	SP-010739	T-Mobile			
3057	32016	QoS Improvements	QoS1	1	Rel-6	S2,N3	15/07/2002	08/12/2004	100%	SP-010719	Nokia			
3061	33002	Subscriber certificates	SEC1-SC	1	Rel-6	,OMA	25/02/2002	08/12/2004	100%	SP-010622	Nokia			
3067	15010	Rel-6 Open Service Access (OSA) enhancements	OSA3	1	Rel-6	N5	31/10/2002	10/03/2005	100%	NP-040351	Alcatel			
3078	50401	Addition of frequency bands to GSM (TAPS)	TAPS	1	Rel-6	GP	28/06/2002	28/01/2005	100%	GP-022072	Nokia			
3083	50130	Seamless support of streaming services in A/Gb mode	SSStrea	1	Rel-6	GP,S3	03/01/2000	17/06/2005	100%	GP-022561	Vodafone			
3098	34300	Performance characterisation of default codecs for PS conversational multi	CODCAR	1	Rel-6	S4	13/09/2002	10/06/2004	100%	SP-020433	Nokia			
3099	31030	Study on Privacy Capability	PrivCap	1	Rel-6	S1	10/11/2003	03/03/2004	100%	SP-020579	Lucent			
3100	35010	Rel-6 Operations, Administration, Maintenance and Provisioning (OAM&P)	OAM	1	Rel-6	S5	12/09/2002	11/03/2005	100%	SP-040766	-			
3108	35016	Rel-6 Charging Management	CH	1	Rel-6	,S2,N3	21/11/2002	09/06/2005	100%	SP-040773	T-Mobile			
3126	1800	Rel-6 UICC/USIM enhancements and interworking	USAT1	1	Rel-6	T3	25/09/2000	10/03/2005	100%	-	-			
3137	34022	Packet Switched Streaming Services Rel-6	PSSrel6	1	Rel-6	S4,S1	18/11/2002	07/12/2005	100%	SP-020685	Ericsson			
3140	34023	AMR-WB extension for high audio quality	AMRWB+	1	Rel-6	S4	13/12/2002	07/12/2005	100%	SP-030083	Nokia			
3141	34027	Codec Enhancements for Packet Switched Conversational Multimedia Appl	CEPSCM	1	Rel-6	S4	16/03/2004	16/12/2004	100%	SP-040066	Nokia			
3142	34028	3G-324M Improvements	3G-324MI	1	Rel-6	S4	16/03/2004	16/12/2004	100%	SP-040067	Ericsson			
3143	51101	Single Antenna Receiver Interference Cancellation (SAIC)	SAIC	1	Rel-6	GP,G1	15/11/2002	25/06/2004	100%	GP-023400	Cingular			
3144	12006	Enhancement of dialled service for CAMEL	EDCAMEL	1	Rel-6	,N2,N4	28/03/2003	31/12/2003	100%	SP-020818	Samsung			
3146	32060	Study on Bandwidth and resource savings in CS networks	BARS	1	Rel-6	S2	01/06/2003	16/06/2004	100%	SP-030308	-			
3147	50600	Multiple TBF in A/Gb mode	MULTBF	1	Rel-6	GP,G2	05/04/2002	28/01/2005	100%	GP-021263	Ericsson			
3153	50096	Alignment between the test-regimes for GERAN capable MS	ALTERE	1	Rel-6	,3new	29/08/2003	02/09/2005	100%	GP-032236	Ericsson			
3155	50444	Addition of U-TDOA in the CS domain	UTDOACS	1	Rel-6	GP	21/11/2003	23/04/2004	100%	GP-032773	uePosition			
3156	50445	Addition of U-TDOA in the PS domain	UTDOAPS	1	Rel-6	GP	27/06/2003	12/11/2004	100%	GP-032774	uePosition			
3157	50101	Downlink Advanced Receiver Performance	DARP	1	Rel-6	GP	21/11/2003	02/09/2005	100%	GP-041966	Nokia			
3167	50109	Reduction of PS service interruption in Dual Transfer Mode	PSintDTM	1	Rel-6	G2	21/11/2003	24/06/2005	100%	GP-032548	Siemens			
3173	12008	CAMEL prepaid interworking with SCUDIF	SCCAMEL	1	Rel-6	,N3,S1	08/12/2003	05/10/2004	100%	NP-030584	Nokia			




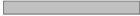


















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3174	31046	Circuit Switched Video and Voice Service Improvements	CS_VSS	1	Rel-6	S2,N1	12/01/2004	02/09/2005	100%	SP-040331	Vodafone			
3181	13024	Reorganisation of CS Data Specifications	CS Data	1	Rel-6	N3	19/11/2004	08/12/2004	100%	NP-040563	Siemens			
3182	50553	Generic Access to A/Gb Interface (GAAI)	GAAI	1	Rel-6	GP	25/06/2004	20/01/2006	100%	GP-042247	Motorola			
3187	50559	Support of PS Handover for GERAN A/Gb mode	SPSHAGB	1	Rel-6	GP,G2	03/11/2003	24/08/2005	100%	GP-051160	Ericsson			
3191	33018	Study on (U)SIM Security Reuse by Peripheral Devices on Local Interfaces	-	1	Rel-6	S3	03/07/2003	26/12/2003	100%	SP-030341	Toshiba			
3192	33021	Study on Security for early IMS	SEC-IMS	1	Rel-6	S3	01/10/2004	28/03/2005	100%	SP-040691	Vodafone			
3193	60111	(Small) Technical Enhancements and Improvements for Rel-6	TEI6	1	Rel-6	All	02/06/2006	02/06/2006	100%	-	-			
3194	25019	Test - (Small) Technical Enhancements and Improvements for Rel-6	TEI6_Test	1	Rel-6	R5,T1	02/06/2006	06/05/2008	100%	RAN5_WI	-			
3195	31029	Deleted - Study of Feature Interactions Requirements	FINTER	1	Rel-6	S1	16/09/2004	16/09/2004	100%	SP-020578	-			
3196	50563	Deleted - Enhancements of VGCS in public networks for communication of public authority officials	EVGCS	1	Rel-6	3P,G2	24/08/2005	02/09/2005	100%	GP-041837	Siemens			
3197	50500	Deleted - Support of Conversational Services in A/Gb mode via the PS domain	SCSAGB	1	Rel-6	3P,N1	21/11/2003	19/02/2004	100%	GP-030443	Ericsson			
3204	2	Deleted - Rel-6 Evolutions of the transport in the UTRAN	ETRAN	1	Rel-6	RP	31/12/2003	31/12/2003	100%	RAN_WI	Alcatel			
3205	0	Release 5 Features	-	1	Rel-5	SP,TP	30/03/2001	28/06/2002	100%	-	-			
3206	625	IP transport in the UTRAN	ETRAN-IPtran	1	Rel-5	R3	17/07/2000	29/03/2002	100%	RAN_Wis	Alcatel			
3207	2455	FS on Usage of SUA	SS7IP	1	Rel-5	N4	12/03/2001	21/12/2001	100%	NP-010460	-			
3208	2476	High Speed Downlink Packet Access	HSDPA	1	Rel-5	R2,R5	02/04/2001	09/03/2007	100%	RAN_WI	Motorola			
3215	501216	Rel-5 Improvements of Radio Interface	RlnImp	1	Rel-5	RP	14/08/2000	30/08/2002	100%	RAN_Wis	-			
3228	500009	Rel-5 RAN improvements	RANimp	1	Rel-5	RP	16/03/2001	09/03/2007	100%	RAN_Wis	-			
3246	23004	UTRAN Sharing in Connected Mode	NETSHARE	1	Rel-5	R3	03/12/2001	03/09/2002	100%	-	Ericsson			
3247	1273	Provisioning of IP-based multimedia services	IMS	1	Rel-5	T1,R5	03/01/2000	01/12/2006	100%	SP-000216	Openwave			
3323	34001	Extended Transparent End-to-End PS Streaming Service	PSS-E	1	Rel-5	S4	03/01/2002	17/03/2003	100%	SP-010392	Ericsson			
3328	501637	Rel-5 Open Service Access (OSA) enhancements	OSA1	1	Rel-5	S1,S3	27/04/1999	20/12/2002	100%	SP-000216	Siemens			
3357	1638	CAMEL phase 4	CAMEL4	1	Rel-5	S1	17/04/2000	06/09/2002	100%	NP-020486	Nokia			
3371	2464	Rel-5 MEXE enhancements	MEXE5	1	Rel-5	T2	26/03/2001	08/03/2002	100%	-	-			
3373	1625	Wideband Telephony Service - AMR	AMRWB	1	Rel-5	S4	01/01/2000	19/12/2003	100%	SP-99354	Siemens			
3406	1826	Rel-5 Terminal interfaces	TI	1	Rel-5	T2	14/05/2001	20/03/2002	100%	-	-			
3408	1536	Rel-5 Location Services enhancements	LCS1	1	Rel-5	R3,GP	03/04/2000	27/06/2003	100%	SP-010518	Nokia			
3443	501571	Rel-5 Security enhancements	-	1	Rel-5	S3	21/02/2000	28/06/2002	100%	SP-000421	Vodafone			
3452	2243	Intra Domain Connection of RAN Nodes to Multiple CN Nodes	IUFLEX	1	Rel-5	R3,GP	02/10/2000	28/06/2002	100%	SP-000619	Ericsson			
3463	2320	Deleted - GERAN improvements 3 (new transport layer on interface A)	GEIMP3	1	Rel-5	GP	06/04/2001	20/12/2002	100%	GP-010909	-			
3467	501142	Rel-5 Charging Management & Operations, Administration, Maintenance and	OAM	1	Rel-5	S5	10/09/2001	12/09/2002	100%	SP-010461	-			
3472	2392	GERAN enhancements for streaming services 1 (RLC enhancements)	-	1	Rel-5	GP	06/11/2000	28/06/2002	100%	GP-010429	-			
3475	2396	GERAN enhancements for streaming services 2 (usage of ECSD)	-	1	Rel-5	GP	06/11/2000	28/06/2002	100%	GP-010430	Ericsson			
3481	2412	GERAN/UTRAN interface evolution 1 (evolution of lu PS)	GERUEV1	1	Rel-5	GP,R3	01/09/2000	28/06/2002	100%	GP-010481	SBC			
3485	2416	GERAN/UTRAN interface evolution 2 (evolution of lu CS)	GERUEV2	1	Rel-5	GP,R3	01/09/2000	28/06/2002	100%	GP-010417	-			
3489	2556	End to End QoS for PS Domain including IMS	E2EQoS	1	Rel-5	S5,N3	28/08/2000	28/06/2002	100%	SP-010343	Ericsson			
3493	2569	Rel-5 Messaging enhancements	MESS5	1	Rel-5	T2	15/06/2001	31/03/2003	100%	-	-			
3502	50001	GERAN Inter BSC NACC improvements over the Gb Interface	GERNACC	1	Rel-5	GP	03/09/2001	28/06/2002	100%	GP-012313	-			
3509	50033	Enhanced Power Control	EPC	1	Rel-5	GP	26/11/2001	19/12/2003	100%	GP-012748	-			
3513	50037	8PSK AMR HR	8PSK-AH	1	Rel-5	GP	10/12/2001	19/12/2003	100%	GP-012752	-			
3525	13000	Service Change and UDI Fallback	SCUDIF	1	Rel-5	N3	08/10/2001	07/06/2002	100%	NP-020164	Ericsson			
3526	501800	Rel-5 USIM toolkit enhancements	USAT1-Interp	1	Rel-5	T3	05/06/2000	26/09/2003	100%	-	G & D			
3534	30001	(Small) Technical Enhancements and Improvements for Rel-5	TEI5	1	Rel-5	All	03/01/2000	03/01/2000	100%	-	-			

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3535	25018	Test - (Small) Technical Enhancements and Improvements for Rel-5	TEI5_Test	1	Rel-5	R5,T1	03/01/2000	31/12/2008	100%	RAN5 WI	-			
3536	31013	Technical Report on UE Functionality Split	UESPLIT	1	Rel-5	S1	03/01/2000	01/05/2000	100%	SP-010484	Motorola			
3537	2520	User Equipment Management	UEM	1	Rel-5	S5	21/06/2001	28/06/2002	100%	SP-010286	Vodafone			
3539	50201	Flow control supporting an MS with multiple data flows with different QoS c	FlowCon	1	Rel-5	GP	24/06/2002	30/08/2002	100%	GP-021767	Ericsson			
3545	50058	<i>Deleted - Multiple TBF in A/Gb mode - Phase 1</i>	MULTBTF	1	Rel-5	GP	19/04/2002	28/11/2003	100%	GP-021263	Ericsson			
3552	2345	Alignment of 3G functional split and lu	GER3GAL	1	Rel-5	GP	08/06/2000	19/12/2003	100%	GP-021256	Ericsson			
3599	2330	GERAN support for IMS	GERIMS	1	Rel-5	GP	01/05/2000	20/12/2002	100%	GP-010420	Nokia			
3611	54001	MS Conformance Testing of Dual Transfer Mode	MSCTDTM	1	Rel-5	G4,G5	11/11/2002	07/02/2003	100%	GP-023236	Vodafone			
3612	32033	Handling of early Ues	LATE_UE	1	Rel-5	S2	03/01/2000	27/06/2003	100%	SP-030125	-			
3617	0	Release 4 Features	-	1	Rel-4	SP,TP	03/01/2000	30/03/2001	100%	-	-			
3618	1861	Miscellaneous UE Conformance Testing Activities	MISTST1	1	Rel-4	T1	02/04/2001	01/12/2004	100%	-	-			
3626	1340	Real Time Facsimile	FAX-RT	1	Rel-4	S1	22/02/2000	23/06/2000	100%	SP-000169	-			
3633	1539	Transparent End-to-End PS mobile streaming application	PSTREAM	1	Rel-4	S4	03/04/2000	21/03/2001	100%	SP-000345	-			
3634	1818	Multimedia Messaging	MMS	1	Rel-4	T2,S1	22/02/2000	14/03/2001	100%	TP-000078	Siemens			
3641	1541	Transcoder-Free Operation	TrFO	1	Rel-4	S2,N1	03/01/2000	30/03/2001	100%	-	-			
3650	2310	GERAN improvements 1 (Gb over IP)	GEIMP1	1	Rel-4	GP	09/05/2000	19/03/2001	100%	GP-000433	-			
3654	2314	GERAN improvements 2 (NACC)	GEIMP2	1	Rel-4	GP	06/11/2000	10/06/2003	100%	GP-012812	-			
3663	2324	GERAN improvements 4 (Delayed TBF)	GEIMP4	1	Rel-4	GP	15/01/2001	08/06/2001	100%	GP-010363	-			
3670	1222	Low Chip Rate TDD option	LCRTDD	1	Rel-4	R1	19/07/2000	02/12/2003	100%	RAN WI	CWTS			
3682	1322	Enable bearer independent CS architecture	CSSPLIT	1	Rel-4	N3,N4	03/01/2000	01/03/2002	100%	SP-000288	Siemens			
3692	1445	MExE enhancements Rel-4	MEXE	1	Rel-4	T2,S3	03/01/2000	14/12/2001	100%	TP-030052	-			
3700	1631	Tandem Free aspects for 3G and between 2G and 3G systems	TFO	1	Rel-4	S4	22/02/2000	15/06/2001	100%	-	-			
3706	2230	Advanced Speech Call Items enhancements_Rel-4	ASCI	1	Rel-4	N1	03/12/2000	14/03/2002	100%	NP-000730	Nortel			
3709	2403	700 MHz spectrum support	700SS	1	Rel-4	GP	03/01/2000	20/12/2002	100%	GP-000449	-			
3716	2463	Operator Determined Barring for Packet Oriented Services	ODB	1	Rel-4	NP	01/06/2000	19/03/2001	100%	NP-010089	NEC			
3717	2546	UMTS QoS Architecture for PS Domain	QoSPS	1	Rel-4	R3,GP	03/01/2000	27/11/2002	100%	SP-010342	Ericsson			
3736	1993	(Small) Technical Enhancements and Improvements for Rel-4	TEI4	1	Rel-4	All	03/01/2000	30/03/2001	100%	-	-			
3737	25017	Test - (Small) Technical Enhancements and Improvements for Rel-4	TEI4_Test	1	Rel-4	R5,T1	03/01/2000	30/03/2001	100%	RAN5 WI	-			
3738	400002	Rel-4 Evolutions of the transport in the UTRAN	ETRAN	1	Rel-4	RP	21/08/2000	23/08/2002	100%	RAN Wis	Alcatel			
3743	400004	Rel-4 Evolutions of the transport in the CN	CNTRSP	1	Rel-4	N2,S2	29/05/2000	23/03/2001	100%	-	-			
3751	401216	Rel-4 Improvements of Radio Interface	RInImp	1	Rel-4	RP	10/07/2000	14/03/2003	100%	RAN Wis	-			
3766	400009	Rel-4 RAN improvements	RANimp	1	Rel-4	RP	14/08/2000	17/03/2004	100%	RAN Wis	-			
3776	401652	Rel-4 Emergency call enhancements	EMC1	1	Rel-4	S1,T1	03/01/2000	28/05/2002	100%	-	Ericsson			
3783	401826	Rel-4 Terminal interfaces	TI	1	Rel-4	T2	03/01/2000	15/03/2001	100%	-	-			
3789	401536	Rel-4 Location Services enhancements	LCS1	1	Rel-4	R3,R2	03/04/2000	28/12/2001	100%	SP-010518	Nokia			
3802	401560	Rel-4 UICC/(U)SIM enhancements and interworking	UICC1	1	Rel-4	T3	24/07/2000	23/03/2001	100%	-	-			
3804	401800	Rel-4 (U)SIM toolkit enhancements	USAT1-LocLn	1	Rel-4	T3	05/06/2000	23/03/2001	100%	-	Gemplus			
3806	401571	Rel-4 Security enhancements	SEC1	1	Rel-4	N4,N1	03/01/2000	15/03/2002	100%	SP-000421	Vodafone			
3817	401142	Rel-4 Charging and OAM&P	OAM	1	Rel-4	S5	01/12/2000	05/10/2001	100%	SP-010461	-			
3824	1517	Global Text Telephony	GTT	1	Rel-4	T1,R5	03/01/2000	18/09/2009	100%	SP-010340	Ericsson			
3831	0	Release 1999 Features	-	1	R99	P,SMG	01/01/1999	31/12/1999	100%	-	-			
3832	60150	UMTS Features	-	1	R99	N4,RP	01/01/1999	31/12/1999	100%	-	-			
3844	60151	UMTS and GSM Features	-	1	R99	R2,R3	01/01/1999	31/12/1999	100%	-	-			

ID	Jnique_IC	Name	Acronym	Outline Level	Release	Resou Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name			
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3899	60152	GSM Features	-	1	R99	,N3,N4	01/01/1999	31/12/1999	100%	-	-			
3923	60153	GSM Features transposed to UMTS	-	1	R99	,N2,N4	01/01/1999	31/12/1999	100%	-	-			
3931	60154	Charging	CH	1	R99	S1,S5	01/01/1999	31/12/1999	100%	-	-			
3934	60155	Operations, Administration, Maintenance and Provisioning (OAM&P)	OAM	1	R99	S5	01/01/1999	31/12/1999	100%	SP-99581	-			
3940	60106	Vocabulary	Vocabulary	1	R99	S1	01/01/1999	31/12/1999	100%	-	-			
3941	60037	Emergency	Emergency	1	R99	S1	01/01/1999	31/12/1999	100%	-	-			
3942	60049	GSM General Bearer Services (GBS) and interworking scenarios support in	GSM_to_UMT:	1	R99	S1	01/01/1999	31/12/1999	100%	-	-			
3943	60043	GPRS_Mobile_IP_interworking	GPRS_Mobile_	1	R99	N3	01/01/1999	31/12/1999	100%	-	-			
3944	60046	GSM/UMTS interworking	2G3Ginterwork	1	R99	1,SMG	01/01/1999	31/12/1999	100%	-	-			
3945	60050	Handover	Handover	1	R99	,N2,N4	01/01/1999	31/12/1999	100%	-	-			
3946	60120	2G3Ghandover	2G3Ghandove	1	R99	SMG2	01/01/1999	31/12/1999	100%	-	-			
3947	60088	Service Provider Name Indication	SPANME	1	R99	S1	01/01/1999	31/12/1999	100%	-	-			
3948	60026	Data & Data_CleanUp	Data_Data_Ck	1	R99	SMG1	01/01/1999	31/12/1999	100%	-	-			
3949	60125	Unstructured Supplementary Service Data	USSD	1	R99	G1,N4	01/01/1999	31/12/1999	100%	-	-			
3950	60126	Man-Machine Interface (MMI) of the User Equipment (UE)	MMI	1	R99	S1	01/01/1999	31/12/1999	100%	-	-			
3951	60127	Network Identity and Timezone (NITZ)	NITZ	1	R99	,SMG3	01/01/1999	31/12/1999	100%	-	-			
3952	60128	Deleted - Operator Determined Barring for Packet Oriented Services	ODB_Enh.	1	R99	S1	01/01/1999	31/12/1999	100%	-	-			
3953	60068	Packet Flow Management	Packet_Flow_I	1	R99	SMG2	01/01/1999	31/12/1999	100%	-	-			
3954	60044	GPRS_Point-To-Multipoint Group call	GPRS_PTMG	1	R99	SMG1	01/01/1999	31/12/1999	100%	-	-			
3955	60156	Call Forwarding	-	1	R99	,N2,N4	01/01/1999	31/12/1999	100%	-	-			
3959	60157	Quality of Service	-	1	R99	,N2,N4	01/01/1999	31/12/1999	100%	-	-			
3964	60129	Support of Localised Service Area	SoLSA	1	R99	G7,N2	01/01/1999	31/12/1999	100%	-	-			
3965	60100	Transcoder_location	Transcoder_lo	1	R99	S2	01/01/1999	31/12/1999	100%	-	-			
3966	60113	Antenna_test_methods	Antenna_test_	1	R99	SMG2	01/01/1999	31/12/1999	100%	-	-			
3967	60107	WBAMR / high quality speech in UMTS Phase 1 but not in R99	WBAMR	1	R99	S1	01/01/1999	31/12/1999	100%	-	-			
3968	60138	Codec	-	1	R99	S4	01/01/1999	31/12/1999	100%	-	-			
3975	60143	Advanced Speech Call Items enhancements	ASCI	1	R99	,S1,T2	01/01/1999	31/12/1999	100%	-	-			
3976	60009	Call Control improvements	CC_Related_it	1	R99	N1	01/01/1999	31/12/1999	100%	-	-			
3977	60059	Multimedia	Multimedia	1	R99	N1,N3	01/01/1999	31/12/1999	100%	-	-			
3978	60089	Sub-System Number allocation for RANAP, RNSAP	SSN_allocator	1	R99	N2	01/01/1999	31/12/1999	100%	-	-			
3979	60053	Intranet / ISP access with DHCP end-to-end	ISPaccess	1	R99	N3	01/01/1999	31/12/1999	100%	-	-			
3980	60072	Point_to_Multipoint_Services	Point_to_Multi	1	R99	N3	01/01/1999	31/12/1999	100%	-	-			
3981	60146	Facsimile	FAX	1	R99	S1	01/01/1999	31/12/1999	100%	-	-			
3982	60081	Realtime_NT_FAX_in_UMTS	Realtime_NT_I	1	R99	N3	01/01/1999	31/12/1999	100%	-	-			
3983	60042	Gateway Location Register (GLR) - Mobile Application Part (MAP) specifical	GLR	1	R99	N4	01/01/1999	31/12/1999	100%	-	-			
3984	60056	Multiple Subscriber Profile phase 2	MSP2	1	R99	S1,N4	01/01/1999	31/12/1999	100%	-	-			
3985	60074	Prepaging	Prepaging	1	R99	N2,N4	01/01/1999	31/12/1999	100%	-	-			
3986	60148	Re-definition of channel quality measure used for AMR link adaptation for C	-	1	R99	SMG	01/01/1999	31/12/1999	100%	-	-			
3987	60051	Harmonized Standard	HS	1	R99	SMG2	01/01/1999	31/12/1999	100%	-	-			
3988	60090	Streamlining of specifications	Streamlining	1	R99	N3	01/01/1999	31/12/1999	100%	-	-			
3989	60079	R99_Service_Clean_up	R99_Service_	1	R99	N3	01/01/1999	31/12/1999	100%	-	-			
3990	60094	(Small) Technical Enhancements and Improvements for R99	TEI	1	R99	N3	01/01/1999	31/12/1999	100%	-	-			
3993	25016	R99 UE Conformance Testing	TEI_Test	1	R99	R5,T1	01/01/1999	31/12/1999	100%	-	-			

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4001	60028	<i>Deleted - Dual Tone Multi-Frequency signalling : Support in the whole 3GPP system</i>	DTMF	1	R99	N1	01/01/1999	31/12/1999	100%	-	-			
4002	60052	<i>Deleted - Intersystem_Change</i>	Intersystem_C	1	R99	SMG	01/01/1999	31/12/1999	100%	-	-			
4003	60054	<i>Deleted - Long_Forwardedto_Numbers</i>	Long_Forward	1	R99	N2	01/01/1999	31/12/1999	100%	-	-			
4004	60080	<i>Deleted - RANimp-FSEarlyUE</i>	RANimp-FSEa	1	R99	R3	01/01/1999	31/12/1999	100%	-	-			
4005	0	Release 1999 Studies	-	1	R99	S1,T2	01/01/1999	31/12/1999	100%	-	-			
4006	60061	Advanced Addressing/Numbering	Numbering	1	R99	S1	01/01/1999	31/12/1999	100%	-	Vodafone			
4007	60161	Combined GSM and Mobile IP mobility handling in UMTS IP CN	-	1	R99	S2	01/01/1999	31/12/1999	100%	SMG 98/0760	-			
4008	60101	UE Capabilities Requirements	UCR	1	R99	T2	01/01/1999	31/12/1999	100%	TP-000022	-			
4009	60158	Electrical safety requiremets and regulations	-	1	R99	T2	01/01/1999	31/12/1999	100%	TP-000022	-			
4010	60159	Specific Absorbion Rate (SAR) requirements and regulations in different re	-	1	R99	T2	01/01/1999	31/12/1999	100%	TP-000022	-			
4011	60160	Multi-mode UE issues	-	1	R99	T2	01/01/1999	31/12/1999	100%	TP-000022	-			
4012	60162	Provision of fax service in GSM and UMTS	-	1	R99	T2	01/01/1999	31/12/1999	100%	-	Ericsson			
4013	60163	Separating Radio Resources and Mobility Management specific parts of the	-	1	R99	T2	01/01/1999	31/12/1999	100%	-	-			

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Date: 11/12/2013

Critical		Baseline Split		Rolled Up Critical Progress		External Tasks	
Critical Split		Baseline Milestone		Rolled Up Task		Project Summary	
Critical Progress		Milestone		Rolled Up Split		External Milestone	
Task		Summary Progress		Rolled Up Task Progress		Deadline	
Split		Summary		Rolled Up Baseline			
Task Progress		Rolled Up Critical		Rolled Up Baseline Milestone			
Baseline		Rolled Up Critical Split		Rolled Up Milestone	