

ID	Jnique_IC	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	Qtr 3, 2009		
													Jul	Sep	Nov
1	0	Version 2009 Dec 03			No		03/01/2000	17/09/2012	0%	-					
2	0	SA3 Rel-9 Stage 2 exceptions to 12/2009			No		03/01/2000	03/01/2000	0%	-					
3	0	"CTRL + a" to display all the 3GPP fields			No		03/01/2000	03/01/2000	0%	-					
4	0	Rel-9 Stage 3 exceptions to 03/2010			No		03/01/2000	03/01/2000	0%	-					
5	0	Gantt: dark blue=done; light blue=to be done; grey: previous			No		03/01/2000	03/01/2000	0%	-					
6	0				No		03/01/2000	03/01/2000	0%	-					
7	0	Release 10 Features	Rel-10	RP,SP	No		01/01/2000	01/01/2000	0%	-					
8	440043	Enhanced Home NodeB / eNodeB continuatio	Rel-10	S2	No	eEHNB	11/12/2008	23/09/2010	40%	-	yt applicable	Alcatel-Lucent			
9	420034	IMS aspects of Architecture for Home NodeB	Rel-10	S2	No	EHNB-IMS	11/12/2008	23/09/2010	40%	23.832, 23.232	SP-080799	Alcatel-Lucent			
10	450053	H(e)NB enhancements	Rel-10	S1	No	EHNBF	24/09/2009	18/03/2010	0%	22.220	SP-090472	NEC			
11	450153	H(e)NB enhancements	Rel-10	S1	No	EHNBF	24/09/2009	18/03/2010	0%	22.220	SP-090472	NEC			
12	350014	Registration in Densely-populated area (RED)	Rel-10	S1	No	RED	12/03/2007	24/09/2009	100%	WID identifies also	SP-070133	NTT DoCoMo			
13	370030	Stage 1 for RED	Rel-10	S1	No	RED	12/03/2007	15/03/2007	100%	22.101 CR#0207	SP-070133	NTT DoCoMo			
14	370031	Deleted - Stage 2 for RED	Rel-10	S2	No	RED	25/09/2007	24/09/2009	100%	draft TR 23.880 with	SP-070694	NTT DoCoMo			
15	410030	Network Improvements for Machine-Type Con	Rel-10	S1,S2	No	NIMTC	18/09/2008	17/09/2010	58%	-	SP-090658	KPN			
16	410031	Stage 1 for NIMTC	Rel-10	S1	No	NIMTC	18/09/2008	10/12/2009	100%	new 22.368	SP-090658	KPN			
17	450028	Stage 2 for NIMTC	Rel-10	S2	No	NIMTC	24/09/2009	17/09/2010	5%	23.888 (Architectura	SP-090658	Samsung			
18	420025	GTP-based S8 chaining	Rel-10	S2	No	GTPchaining	11/12/2008	11/03/2010	35%	-	SP-080798	Huawei			
19	420026	Stage 2 for GTPchaining	Rel-10	S2	No	GTPchaining	11/12/2008	11/03/2010	35%	23.402 (Chaining G	SP-080798	Huawei			
20	430035	Multi Access PDN Connectivity	Rel-10	S2	No	MAPCON	13/03/2009	11/03/2010	75%	23.401, 23.402, 23.2	SP-090659	Telecom Italia			
21	440052	IMS Service Continuity – Inter Device Transfer	Rel-10	S1,S2	No	IMS_SC_eIDT	04/06/2009	10/06/2010	47%	-	SP-090452	Huawei			
22	440152	Stage 1 for IMS_SC_eIDT	Rel-10	S1	No	IMS_SC_eIDT	04/06/2009	10/12/2009	90%	22.228	SP-090452	Huawei			
23	450029	IMS Inter-UE Transfer enhancements (Stage 2)	Rel-10	S2	No	IMS_SC_eIDT	24/09/2009	10/06/2010	15%	23.237, 23.292, new	SP-090613	Huawei			
24	450030	IP-Short-Message-Gateway enhancements for	Rel-10	S1,S2	No	CPM-SMS	24/09/2009	18/06/2010	41%	-	SP-090615	China Mobile			
28	450033	Completion of Communications on Not Logge	Rel-10	S1	No	CCNL	24/09/2009	24/09/2009	100%	-	SP-090493	Deutsche Telekom			
29	450034	Stage 1 for CCNL	Rel-10	S1	No	CCNL	24/09/2009	24/09/2009	100%	22.173 CR#0056r1	SP-090493	Deutsche Telekom			
30	450035	Local IP Access and Selected Internet IP Traff	Rel-10	S1,S3,S5	No	LIPA_SIPTO	24/09/2009	17/09/2010	11%	-	SP-090761	awei, China Mobile			
31	450036	TR on LIPA_SIPTO	Rel-10	S2	No	LIPA_SIPTO	24/09/2009	10/06/2010	45%	23.829 (Local IP Acc	SP-090761	uawei, China Mobile			
32	450037	Stage 1 for LIPA_SIPTO	Rel-10	S1	No	LIPA_SIPTO	24/09/2009	11/03/2010	25%	22.101, 22.220	SP-090761	uawei, China Mobile			
33	450038	Stage 2 for LIPA_SIPTO	Rel-10	S2	No	LIPA_SIPTO	24/09/2009	17/09/2010	0%	23.060, 23.203, 23.2	SP-090761	uawei, China Mobile			
34	450039	Security for LIPA_SIPTO	Rel-10	S3	No	LIPA_SIPTO	24/09/2009	16/09/2010	0%	33.102, 33.107, 33.1	SP-090761	, Qualcomm Europe			
35	450040	OAM&P for LIPA_SIPTO	Rel-10	S5	No	LIPA_SIPTO	24/09/2009	16/09/2010	0%	32.101, 32.102, 32.2	SP-090761	nn			
36	450041	IP Flow Mobility and seamless WLAN offload	Rel-10	S2,S1	No	IFOM	24/09/2009	10/06/2010	18%	-	SP-090616	Qualcomm Europe			
37	450042	Stage 1 for IFOM	Rel-10	S1	No	IFOM	24/09/2009	15/03/2010	0%	22.278	SP-090616	Qualcomm Europe			
38	450043	Stage 2 for IFOM	Rel-10	S2	No	IFOM	24/09/2009	10/06/2010	30%	23.203, 23.402, new	SP-090616	Qualcomm Europe			
39	450044	Enabling Coder Selection and Rate Adaptation	Rel-10	S2,S4,R2	No	ECSRA_LAA	24/09/2009	17/09/2010	2%	-	SP-090617	Qualcomm Europe			
40	450045	TR on ECSRA_LAA	Rel-10	S2,S4,R2	No	ECSRA_LAA	24/09/2009	10/06/2010	5%	23.860 (Enabling En	SP-090617	Qualcomm Europe			
41	450046	Stage 2 for ECSRA_LAA	Rel-10	S2	No	ECSRA_LAA	24/09/2009	17/09/2010	0%	23.060, 23.203, 23.2	SP-090617	Qualcomm Europe			
42	440055	EEA3 and EIA3 (new Encryption & Integrity EF	Rel-10	S3	No	EEA3_EIA3	04/06/2009	10/06/2010	0%	35.xxx (EEA3 & EIA	SP-090445	CATR			
43	380077	1.28 Mcps TDD Repeater	Rel-10	R4	No	RANimp-Repeate	04/12/2007	04/06/2010	85%	25.113, new 25.116,	RP-071003	RITT			
44	430017	UTRAN 2 ms TTI uplink range improvement	Rel-10	R2,R3,R4	No	RANimp-2mTTI_L	06/03/2009	17/09/2010	10%	25.133, 25.212, 25.2	RP-090333	a Siemens Networks			
45	450019	1.28 Mcps TDD Multi-carrier HSUPA	Rel-10	R2,R3,R4	No	TDD_MC_HSUPA	18/09/2009	03/12/2010	5%	25.102, 25.105, 25.1	RP-090990	CATR			
46	450027	A-GNSS Minimum Performance for UTRAN	Rel-10	R4	No	AGNSSPerf_UTR	18/09/2009	17/09/2010	0%	25.171, 34.108, 34.1	RP-090951	Thales			

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47	450016	UE Over The Air (Antenna) conformance test	Rel-10	R4	No	UEAnt_FSTest	18/09/2009	16/09/2011	5%	25.144, 25.914, 34.1	RP-090778	CATR			
48	440044	(Small) Technical Enhancements and Improve	Rel-10	All	No	TEI10	04/06/2009	10/12/2009	0%	-	not applicable	ALL			
49	460009	Uplink multiple antenna transmission for LTE	Rel-10	R1,R2,R4	No	LTEA	04/12/2009	16/06/2011	0%	36.101, 36.104, 36.1	RP-091430	Huawei			
50	460005	Inclusion in UTRAN of RF Pattern Matching Te	Rel-10	R2,R3	No	UMTS_LCS	04/12/2009	24/12/2010	0%	25.305, 25.453	RP-091427	Polaris Wireless			
51	460014	1.28 Mcps TDD Home NodeB RF requirements	Rel-10	R4	No	HNBLCRTDD	04/12/2009	24/12/2010	0%	25.105, 25.142, new	RP-091435	TD Tech			
52	460000	UMTS/LTE in 2 GHz band for Ancillary Terrest	Rel-10	R4,R2	No	UMTSLTE2GHzN	04/12/2009	24/09/2010	0%	25.101, 25.104, 25.1	RP-091425	TerreStar Networks			
53	460011	LTE in L-Band	Rel-10	R4,R2,R3	No	LTE_L_NA	04/12/2009	24/12/2010	0%	new TR xx.xxx (LTE	RP-091225	rra Communications			
54	460003	Minimization of Drive Tests for E-UTRAN and	Rel-10	R2,R4,R3	No	MDT	04/12/2009	24/12/2010	0%		RP-091423	Siemens Networks			
55	460004	Core specification on MDT for E-UTRAN and UT	Rel-10	R2,R4,R3	No	MDT	04/12/2009	24/12/2010	0%	25.133, 25.215, 25.3	RP-091423	Siemens Networks			
56	460000	E-UTRA UE category and requirement enhanc	Rel-10	R4,R2,R1	No		04/12/2009	24/12/2010	0%	36.101, 36.133, 36.3	RP-091241	Nokia			
57	460010	Fixed wireless Customer-Premises Equipmen	Rel-10	R4,R5	No	CPE_RF	04/12/2009	24/09/2010	0%	36.101, 36.521-1	RP-091432	??			
58	460000	Optimization for 1X-LTE voice interworking b	Rel-10	S2,R2	No	LTE_CDMA2000	04/12/2009	10/06/2010	0%		not applicable	Qualcomm Europe			
59	460000	Optimization for 1X-LTE voice interworking base	Rel-10	S2	No	LTE_CDMA2000-	04/12/2009	10/06/2010	0%	23.272 CR#170r? (S	RP-091239	Qualcomm Europe			
60	460000	Optimization for 1X-LTE voice interworking base	Rel-10	R2	No	LTE_CDMA2000-	04/12/2009	04/06/2010	0%	36.331	RP-091238	Qualcomm Europe			
61	460013	Relays for LTE	Rel-10	R1,R2,R4	No	LTEA_Relay	04/12/2009	24/09/2010	0%	36.101, 36.104, 36.1	RP-091434	??			
62	460008	Enhanced Downlink Multiple Antenna Transm	Rel-10	R1,R2,R4	No	LTEA_DL_MIMO	04/12/2009	24/12/2010	0%	36.101, 36.104, 36.1	RP-091429	NTT DoCoMo			
63	460012	Latency reductions for LTE	Rel-10	R2	No	LTE_LATRED	04/12/2009	24/09/2010	0%	36.300, 36.306, 36.3	RP-091433	Ericsson			
64	460000	Enhanced cell DTX for LTE	Rel-10	R4	No	LTEA_DTX	04/12/2009	24/12/2010	0%	36.133, 36.214	RP-091234	Ericsson			
65	460007	Carrier Aggregation for LTE	Rel-10	R2,R3,R4	No	LTE_CA	04/12/2009	24/12/2010	0%	36.101, 36.104, 36.1	RP-091428	Nokia			
66	460015	Four carrier HSDPA	Rel-10	R2,R3,R4	No	4C-HSDPA	04/12/2009	24/12/2010	0%	25.101, 25.104, 25.1	RP-091436	Qualcomm Europe			
67	460006	Conformance Test Aspects – Mobility between	Rel-8	R5	No	IWLAN_Mob_UE	04/12/2009	04/06/2010	0%	34.108, 34.123-1, 34	RP-091349	Qualcomm Europe			
68	460016	Study on Energy-saving enhancements for UT	Rel-10	R1	No	FS_UMTS_ESM	04/12/2009	24/12/2010	0%	new TR25.xxx (Ener	RP-091422	??			
69	460000	OAM&P 10	Rel-10	S5	No	OAM10	10/12/2009	18/03/2011	0%		not applicable				
70	460000	Network Infrastructure Management	Rel-10		No	OAM10-NIM	10/12/2009	18/03/2011	0%		not applicable				
71	460000	Common RAT Network Resource Model (NRM)	Rel-10	S5	No	RAT_NRM_comm	10/12/2009	18/03/2011	0%	new (TR 32.9xx, TS	SP-090758	Ericsson			
72	460000	Self-Organizing Networks (SON) - OAM aspects	Rel-10	S5	No	OAM10-SON	10/12/2009	24/12/2010	0%		not applicable				
73	460000	SON Self-optimization management continuation	Rel-10	S5	No	LTE-SON-OAM_!	10/12/2009	24/12/2010	0%	32.425, 32.521, 32.5	SP-090756	Huawei			
74	460000	SON Self-healing management	Rel-10	S5	No	LTE-SON-OAM_!	10/12/2009	24/12/2010	0%	new TS (32.541, 32.	SP-090757	ZTE			
75	460000	Study on Alignment of 3GPP Generic NRM IR	Rel-10	S5	No	FS_3GNRM_TMI	03/01/2000	30/06/2000	0%	32.8xy Alignment 3G	SP-090759	Siemens Networks			
76	460000	Study on Harmonization of 3GPP Alarm IRP a	Rel-10	S5	No	FS_3G_TMF_FM	10/12/2009	10/06/2010	0%	32.8xy Study on 3G	SP-090760	orks, Alcatel-Lucent			
77	380062	Deleted - Network Selection for non-3GPP Access	Rel-10	S1,C6	No	N3GtoNSP	07/12/2007	24/09/2009	100%	36.212	SP-070874	Telefonica O2			
78	380162	Deleted - Stage 1 for N3GtoNSP	Rel-10	S1	No	N3GtoNSP	07/12/2007	24/09/2009	100%	36.213	SP-070874	Telefonica O2			
79	380262	Deleted - CT6 issues for N3GtoNSP	Rel-10	C6	No	N3GtoNSP	07/12/2007	24/09/2009	100%	36.300	SP-070874	Telefonica O2			
80	0	Release 10 Studies	Rel-10	RP,SP	No		01/01/2000	01/01/2000	0%	36.306					
81	430030	Study on Haptic Services	Rel-10	S1	No	FS_Haptics	12/03/2009	11/03/2010	50%	36.321	SP-090664	SK Telecom			
82	380083	Study on advanced requirements for IP interco	Rel-10	S1	No	FS_IPXS	04/12/2007	10/12/2009	80%	36.323	SP-070878	Telefonica O2			
83	400037	Study on Unauthenticated PS Emergency Call	Rel-10	S1	No	FS_UAPSEC	05/06/2008	10/12/2009	20%	36.331	SP-080320	Siemens Networks			
84	410039	Study on Personal Broadcast Service	Rel-10	S1	No	FS_PBS	18/09/2008	10/12/2009	90%	36.101	SP-080504	ETRI			
85	410040	Study on LCS support in SAE for non-3GPP a	Rel-10	S1	No	FS_LCS_n3GPP	18/09/2008	10/12/2009	70%	36.104	SP-080648	SK Telecom			
86	370050	Study on System enhancements for the use o	Rel-10	S2	No	FS_IMS_LBO_OI	01/10/2007	10/12/2009	100%	36.133	SP-080556	Telecom Italia, BT			
87	390055	Study on Intra Domain Connection of RAN No	Rel-10	S2	No	FS_IDC	12/03/2008	11/03/2010	70%	36.141	SP-080094	China Mobile			
88	410041	Study on IMS Evolution	Rel-10	S2	No	FS_eIMS	18/09/2008	11/03/2010	70%	23.812	SP-080558	China Mobile			
89	410042	Study on enhancements to IMS border func	Rel-10	S2	No	FS_eIMS_IBCF	18/09/2008	10/06/2010	30%	23.848	SP-080559	Starent Networks			

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90	410043	Study on Multi Access PDN connectivity and I	Rel-10	S2,S1	No	FS_MAPIM	18/09/2008	11/03/2010	75%	23.861	SP-080560	Qualcomm Europe			
91	440047	Study on Policy solutions and enhancements	Rel-10	S2,S1	No	FS_PP	04/06/2009	17/09/2010	15%	23.813	SP-090361	AT&T			
92	440048	Study on IPv6 Migration	Rel-10	S2	No	FS_IP6M	04/06/2009	10/06/2010	25%	23.975	SP-090362	China Mobile			
93	440049	Study on SR-VCC Enhancements	Rel-10	S2	No	FS_eSRVCC	04/06/2009	17/09/2010	20%	23.856	SP-090363	China Mobile			
94	450014	Study on Uplink Tx Diversity for HSPA	Rel-10	R4	No	FS_UL-TxDiv-HS	18/08/2009	04/06/2010	20%	25.8xx	RP-090987	Qualcomm Europe			
95	450015	Study on RAN improvements for Machine-Typ	Rel-10	R1,R3,R4	No	FS_NIMTC-RAN	18/09/2009	04/06/2010	0%	TR on RAN Improve	RP-090991	Huawei			
96	460001	Study on GERAN improvements for Machine-T	Rel-10	GP	No	FS_GERANIMTC	20/11/2009	03/09/2010	0%	TR on GERAN Impr	GP-092418	Ericsson			
97	450047	Study on IMS based Peer-to-Peer Content Dis	Rel-10	S1,S2	No	FS_IMS_P2P	24/09/2009	24/06/2010	0%	22.8xy	SP-090491	China Mobile			
98	0	Release 9 Features	Rel-9	S1,RP,SP	No		01/01/2000	01/01/2000	0%	-					
99	400035	Enhanced Home NodeB / eNodeB	Rel-9	S1,GP,C1	No	EHNb	05/06/2008	21/05/2010	77%	-	SP-090214	T-Mobile			
100	400047	Stage 1 for EHNb	Rel-9	S1	No	EHNb	05/06/2008	04/06/2009	100%	22.220, 22.011	SP-080791	T-Mobile			
101	410026	Architecture aspects of EHNb	Rel-9	S2	No	EHNb	18/09/2008	24/09/2009	100%	23.830, 23.401, 23.4	SP-080636	T-Mobile			
102	420035	Security aspects of Enhanced Home NodeB / eN	Rel-9	S3	No	EHNb-Sec	11/12/2008	10/12/2009	90%	new 33.320	SP-080879	Huawei			
103	450003	CT1 aspects - Support of Home NB and Home e	Rel-9	C1	No	EHNb-CT1	18/09/2009	19/03/2010	95%	23.122, 24.008, 24.2	CP-090741	Qualcomm Europe			
104	450004	CT6 aspects - Support of Home NB and Home e	Rel-9	C6	No	EHNb-CT6	18/09/2009	19/03/2010	90%	31.102	CP-090741	Qualcomm Europe			
105	420036	3G HNB Gateway and LTE HeNB Gateway OAM&	Rel-9	S5	No	HNB-OAM_GW	11/12/2008	25/03/2010	50%	32.771, 32.772, 32.7	SP-090305	China Mobile			
106	430012	3G HNB and LTE HeNB OAM&P Type 1 Interface	Rel-9	S5	No	HNB_eHNB-OAM	12/03/2009	25/03/2010	60%	32.591, 32.592, 32.5	SP-090208	Huawei			
107	440066	3G HNB and LTE HeNB OAM&P Type 2 Interface	Rel-9	S5	No	HNB_eHNB-OAM	15/05/2009	25/03/2010	60%	new 32.571, 32.572	SP-090315	Ericsson			
108	420008	LTE FDD Home eNodeB RF Requirements	Rel-9	R4	No	HeNB-RF_FDD	05/12/2008	19/03/2010	70%	new TR 36.921, 36.7	RP-091300	Motorola			
109	430005	LTE TDD Home eNodeB RF Requirements	Rel-9	R4	No	HeNB-RF_TDD	06/03/2009	19/03/2010	80%	new TR 36.922, 36.7	RP-091301	China Mobile			
110	430025	Home NB and Home eNB enhancements - RAN3	Rel-9	R3	No	EHNb-RAN3	06/03/2009	04/12/2009	100%	25.413, 25.467, 25.4	RP-090349	Alcatel-Lucent			
111	430026	Home NB and Home eNB enhancements - RAN2	Rel-9	R2	No	EHNb-RAN2	06/03/2009	19/03/2010	90%	25.304, 25.331, 25.3	RP-091219	Huawei			
112	440001	Home NB and Home eNB enhancements - GERAN	Rel-9	GP	No	EHNb-GERAN	18/05/2009	21/05/2010	45%	43.055, 43.129, 44.0	GP-090975	Siemens Networks			
113	330017	Services Alignment and Migration	Rel-9	S1	No	ServAI	06/12/2006	18/09/2008	100%	-	SP-070126	China Mobile			
114	410001	Stage 1 for ServAI	Rel-9	S1	No	ServAI	06/12/2006	18/09/2008	100%	22.182	SP-070126	China Mobile			
115	370026	Value-Added Services for Short Message Serv	Rel-9	S1,C4,C1	No	VAS4SMS	10/09/2007	04/12/2009	100%	-	SP-070572	China Mobile			
116	370126	Stage 1 for VAS4SMS	Rel-9	S1	No	VAS4SMS	10/09/2007	12/03/2008	100%	22.142	SP-070572	China Mobile			
117	410011	VAS4SMS Interface and Signalling Flow - CT4 as	Rel-9	C4	No	VAS4SMS	12/09/2008	04/12/2009	100%	new 23.142	CP-090813	China Mobile			
118	410014	VAS4SMS Interface and Signalling Flow - CT1 as	Rel-9	C1	No	VAS4SMS	09/09/2008	04/12/2009	100%	23.040	CP-090813	China Mobile			
119	370027	End-User Identity	Rel-9	S1	No	EUI	03/09/2007	11/12/2008	100%	-	SP-090380	Siemens Networks			
120	410024	Definition of EUI	Rel-9	S1	No	EUI	03/09/2007	11/12/2008	100%	21.905	SP-090380	Siemens Networks			
121	380067	Customized Ringing Signal	Rel-9	S1,C1	No	CRS	06/12/2007	19/03/2010	93%	-	SP-080502	com, China Mobile			
122	410025	Stage 1 for CRS	Rel-9	S1	No	CRS	06/12/2007	11/12/2008	100%	22.183, 22.173	SP-080502	com, China Mobile			
123	440041	Stage 3 for IMS CRS Service	Rel-9	C1	No	CRS	29/05/2009	19/03/2010	85%	24.173, 24.183	CP-090444	China Mobile			
124	380057	Public Warning System	Rel-9	S1,C4,R2	No	PWS	06/12/2007	04/12/2009	100%	-	SP-070876	T-Mobile			
125	380058	Stage 1 for PWS	Rel-9	S1	No	PWS	06/12/2007	11/12/2008	100%	22.268	SP-070876	T-Mobile			
126	440029	Stage 3 for PWS	Rel-9	C1,C4	No	PWS-St3	29/05/2009	04/12/2009	100%		CP-090437	Qualcomm Europe			
127	440030	CT1 aspects of PWS-St3	Rel-9	C1	No	PWS-St3	29/05/2009	04/12/2009	100%	23.041	CP-090437	Qualcomm Europe			
128	440031	CT4 aspects of PWS-St3	Rel-9	C4	No	PWS-St3	30/05/2009	04/12/2009	100%	29.168	CP-090437	Qualcomm Europe			
129	440005	Public Warning System (PWS) – RAN aspects	Rel-9	R2,R3	No	PWS-RAN	30/05/2009	04/12/2009	100%	36.300, 36.302, 36.3	RP-090649	AT&T			
130	390073	Enhancements to Multimedia Priority Service	Rel-9	S1	No	ePRIOR	13/03/2006	05/06/2008	100%	-	SP-080051	Telcordia			
131	390074	Stage 1 for ePRIOR	Rel-9	S1	No	ePRIOR	13/03/2006	05/06/2008	100%	22.153, 22.278	SP-080051	Telcordia			
132	400031	Support of Personal Area Networks and Enha	Rel-9	S1,C1	No	PAN_EPNM	05/06/2008	19/03/2010	83%	-	SP-080430	Vodafone			

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133	400043	Stage 1 for PAN_EPNM	Rel-9	S1	No	PAN_EPNM	05/06/2008	05/06/2008	100%	22.259	SP-080430	Vodafone			
134	430002	Stage 2 for PAN_EPNM	Rel-9	C1	No	PAN_EPNM	06/03/2009	04/12/2009	100%	23.259	CP-090435	Huawei			
135	430102	Stage 3 for PAN_EPNM	Rel-9	C1	No	PAN_EPNM	09/03/2009	19/03/2010	70%	24.259	CP-090435	Huawei			
136	400032	Multi-Media Telephony Service enhancements	Rel-9	S1,S5,C1	No	eMMTel	05/06/2008	25/03/2010	87%	-	SP-080503	France Telecom			
137	400044	Stage 1 for eMMTel	Rel-9	S1	No	eMMTel	05/06/2008	11/12/2008	100%	22.173	SP-080503	France Telecom			
138	430031	Multimedia Telephony (MMTel) Service and Supp	Rel-9	S5	No	eMMTel-SS-CH	12/03/2009	25/03/2010	85%	32.275, 32.298, 32.2	SP-090196	Alcatel-Lucent			
139	430032	Support of Real-time Transfer of Tariff Informati	Rel-9	S5	No	IMSTSS-RTTI-CH	12/03/2009	25/03/2010	75%	32.27x, 32.240, 32.2	SP-090306	Orange			
140	440032	Stage 3 - Enhancements for Completion of Com	Rel-9	C1	No	eMMTel-CC	30/05/2009	04/12/2009	100%	24.642	CP-090490	France Telecom			
141	400034	User Data Convergence	Rel-9	S1,S5,C4	No	UDC	05/06/2008	25/03/2010	60%	-	SP-080448	China Mobile			
142	400046	Stage 1 for UDC	Rel-9	S1	No	UDC	05/06/2008	11/12/2008	100%	22.985, 22.101	SP-080448	China Mobile			
143	430003	UDC Technical Realization (Stage 2)	Rel-9	C4	No	UDC-CN	06/03/2009	19/03/2010	70%	new 23.335	CP-090017	Ericsson			
144	450002	UDC Protocol Description	Rel-9	C4	No	UDC-CN	18/09/2009	19/03/2010	30%	29.335	CP-090516	ina Mobile, Ericsson			
145	440060	User Data Convergence - Modelling and Manage	Rel-9	S5	No	UDC-MMAN	04/06/2009	25/03/2010	50%		SP-090309	ina Mobile, Ericsson			
146	440062	UDC – Framework for Model Handling and Manager	Rel-9	S5	No	UDC-MMAN-MFF	04/06/2009	25/03/2010	30%	32.172, new 32.181	SP-090311	T-Mobile			
147	440061	UDC – Common Baseline Information Model	Rel-9	S5	No	UDC-MMAN-CBII	04/06/2009	25/03/2010	70%	32.172, new 32.182	SP-090310	ina Mobile, Ericsson			
148	410032	IMS Services Centralization and Continuity	Rel-9	S1,S2,C1	No	IMS_SCC	18/09/2008	19/03/2010	91%	-	SP-080633	NEC			
149	410033	Stage 1 - Inter-Device Transfer – Requirements	Rel-9	S1	No	IMS_SCC-IDT	18/09/2008	11/12/2008	100%	22.101, 22.228	SP-080507	NEC			
150	410034	Stage 2 - IMS Service Continuity Enhancements	Rel-9	S2	No	IMS_SCC-SPI	18/09/2008	04/06/2009	100%	23.838, 23.237, 23.2	SP-080561	Huawei			
151	440034	Stage 3 - IMS Service Continuity Enhancements	Rel-9	C1	No	IMS_SCC-SPI	29/05/2009	19/03/2010	80%	24.216, 24.229, 24.2	CP-090440	Qualcomm Europe			
152	410035	Stage 2 - IMS Centralized Services	Rel-9	S2	No	IMS_SCC-ICS	18/09/2008	04/06/2009	100%	23.883, 23.292	SP-080634	Alcatel-Lucent			
153	440033	Stage 3 - Enhancements to IMS Centralized Serv	Rel-9	C1	No	IMS_SCC-ICS	29/05/2009	19/03/2010	98%	24.292, 24.604, 24.6	CP-090883	Siemens Networks			
154	430004	Stage 3 - IMS Centralized Services support via I	Rel-9	C1	No	IMS_SCC-ICS_I1	06/03/2009	19/03/2010	80%	24.237, 24.292, new	CP-090640	Huawei			
155	420020	Service Specific Access Control in EPS	Rel-9	S1,C1	No	SSAC	11/12/2008	19/03/2010	85%	-	SP-080882	NTT DoCoMo			
156	420021	Stage 1 for SSAC	Rel-9	S1	No	SSAC	11/12/2008	11/12/2008	100%	22.011 CR0136	SP-080882	NTT DoCoMo			
157	440040	Stage 3 for SSAC	Rel-9	C1	No	SSAC	29/05/2009	19/03/2010	85%	24.173, 27.007	CP-090885	NTT DoCoMo			
158	380064	Support for IMS Emergency Calls over GPRS ;	Rel-9	S2,R2,R3	No	IMS_EMER_GPR	14/01/2008	19/03/2010	97%	-	SP-080844	Alcatel-Lucent			
159	410036	Stage 1 of IMS_EMER_GPRS_EPS	Rel-9	S1	No	IMS_EMER_GPR	14/01/2008	11/12/2008	100%	22.101	SP-080844	Alcatel-Lucent			
160	410037	Stage 2 of IMS_EMER_GPRS_EPS	Rel-9	S2	No	IMS_EMER_GPR	14/01/2008	04/06/2009	100%	23.869, 23.060, 23.1	SP-080844	Alcatel-Lucent			
161	420022	Security aspects of IMS_EMER_GPRS_EPS	Rel-9	S3	No	IMS_EMER_GPR	12/12/2008	10/12/2009	80%	33.401, 33.402	SP-080844	Alcatel-Lucent			
162	440035	Stage 3 of IMS_EMER_GPRS_EPS	Rel-9	S1,C3,C4	No	IMS_EMER_GPR	29/05/2009	19/03/2010	98%		CP-090564	Alcatel-Lucent			
163	440036	CT1 aspects - Stage 3 of IMS_EMER_GPRS_EPS	Rel-9	C1	No	IMS_EMER_GPR	29/05/2009	19/03/2010	95%	23.122, 24.008, 24.2	CP-090564	Alcatel-Lucent			
164	440037	CT3 aspects - Stage 3 of IMS_EMER_GPRS_EPS	Rel-9	C3	No	IMS_EMER_GPR	29/05/2009	18/09/2009	100%	29.212, 29.213, 29.2	CP-090564	Alcatel-Lucent			
165	440038	CT4 aspects - Stage 3 of IMS_EMER_GPRS_EPS	Rel-9	C4	No	IMS_EMER_GPR	29/05/2009	04/12/2009	100%	23.003, 23.008, 29.0	CP-090564	Alcatel-Lucent			
166	420041	Support for IMS Emergency Calls over LTE	Rel-9	R2,R3	No	IMS_EMER_LTE	05/12/2008	18/09/2009	100%	36.331, 36.413	RP-081140	Alcatel-Lucent			
167	410038	SRVCC support for IMS Emergency Calls	Rel-9	S1,C4,C3	No	IMS_EMER_GPR	18/09/2008	10/12/2009	100%		SP-090099	China Mobile			
168	410138	SRVCC support for IMS Emergency Calls	Rel-9	S2	No	IMS_EMER_GPR	18/09/2008	10/12/2009	100%	23.870, 23.216, 23.2	SP-090099	China Mobile			
169	460000	CT aspects of SRVCC support for IMS Emergen	Rel-9	S1,C4,C3	No	IMS_EMER_GPR	29/05/2009	04/12/2009	100%		CP-090882	China Mobile			
170	440027	CT1 aspects of SRVCC support for IMS Emergency	Rel-9	C1	No	IMS_EMER_GPR	29/05/2009	04/12/2009	100%	24.229, 24.237	CP-090882	China Mobile			
171	440028	CT4 aspects of SRVCC support for IMS Emergency	Rel-9	C4	No	IMS_EMER_GPR	29/05/2009	04/12/2009	100%	29.205, 29.280	CP-090882	China Mobile			
172	460000	CT3 aspects of SRVCC support for IMS Emergency	Rel-9	C3	No	IMS_EMER_GPR	29/05/2009	04/12/2009	100%	29.163	CP-090882	China Mobile			
173	430006	LCS for LTE and EPS	Rel-9	S1,R3,R4	No	LCS_LTE_EPS	05/06/2008	19/03/2010	73%	-	SP-080445	Polaris Wireless			
174	400038	LCS Control Plane Solution for EPS	Rel-9	S2,C4,C1	No	LCS_EPS-CPS	05/06/2008	19/03/2010	81%	-	SP-080445	Polaris Wireless			
175	400048	Stage 2 for LCS_EPS_EPS	Rel-9	S2	No	LCS_EPS-CPS	05/06/2008	04/06/2009	100%	23.891, 23.271, 23.4	SP-080445	Polaris Wireless			

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176	440020	CT4 aspects - Control Plane LCS in the EPC	Rel-9	C4	No	LCS_EPS-CPS	29/05/2009	19/03/2010	80%	24.080, 29.002, 29.1	CP-090811	Polaris Wireless			
177	440120	CT1 aspects - Control Plane LCS in the EPC	Rel-9	C1	No	LCS_EPS-CPS	29/05/2009	19/03/2010	60%	24.301	CP-090518	Polaris Wireless			
178	420006	Positioning Support for LTE	Rel-9	R1,R3,R4	No	LCS_LTE	05/12/2008	19/03/2010	90%	36.133, 36.214, 36.3	RP-091348	Qualcomm Europe			
179	430011	Network-Based Positioning Support in LTE	Rel-9	R2,R3,R4	No	LCS_LTE-NBPS	06/03/2009	19/03/2010	30%	36.305, 36.455	RP-090354	TruePosition			
180	400039	MBMS support in EPS	Rel-9	R2,R3,R4	No	MBMS_EPS	05/06/2008	19/03/2010	89%	-	SP-080737	China Mobile			
181	400040	Stage 2 for MBMS_EPS	Rel-9	S2	No	MBMS_EPS	05/06/2008	04/06/2009	100%	23.246	SP-080737	China Mobile			
182	420023	Security for MBMS_EPS	Rel-9	S3	No	MBMS_EPS	11/12/2008	10/12/2009	50%	33.246	SP-080737	China Mobile			
183	430033	MBMS Charging in EPS	Rel-9	S5	No	MBMS_EPS	06/03/2009	10/12/2009	100%	32.273, 32.251, 32.2	SP-090052	ZTE			
184	440025	CT4 aspects of MBMS support in EPS (Stage 3)	Rel-9	C4	No	MBMS_EPS	29/05/2009	04/12/2009	100%	29.274, 29.281, 23.0	CP-090325	China Mobile, ZTE			
185	440026	CT3 aspects of MBMS support in EPS (Stage 3)	Rel-9	C3	No	MBMS_EPS	29/05/2009	03/12/2009	100%	29.061	CP-090330	ZTE, China Mobile			
186	430007	MBMS support in LTE	Rel-9	R2,R3,R4	No	MBMS_LTE	06/03/2009	19/03/2010	95%	36.101, 36.104, 36.1	RP-090619	Huawei			
187	420024	Access Network Discovery and Selection Fun	Rel-9	S2,S1,S3	No	eANDSF	11/12/2008	19/03/2010	85%	SA1 22.278, SA3 33	SP-080887	Motorola			
188	420040	Stage 2 for eANDSF	Rel-9	S2	No	eANDSF	11/12/2008	04/06/2009	100%	23.402, 23.002	SP-080887	Motorola			
189	450006	CT1 aspects - eANDSF	Rel-9	C1	No	eANDSF	18/09/2009	19/03/2010	70%	24.302, 24.312	CP-090742	Panasonic			
190	430034	Multiple PDN Connection to the Same APN for	Rel-9	S2,C4,C1	No	MUPSAP	13/03/2009	19/03/2010	95%	23.060, 23.203, 23.4	SP-090098	Samsung			
191	430134	Stage 2 for MUPSAP	Rel-9	S2	No	MUPSAP	13/03/2009	04/06/2009	100%	23.060, 23.203, 23.4	SP-090098	Samsung			
192	450007	MUPSAP - CT4 aspects	Rel-9	C4	No	MUPSAP	18/09/2009	04/12/2009	100%	29.275, 23.008, 29.2	CP-090515	Samsung			
193	450008	MUPSAP - CT1 aspects	Rel-9	C1	No	MUPSAP	18/09/2009	19/03/2010	90%	24.302	CP-090515	Samsung			
194	33025	Access Security Enhancements	Rel-9	S3	No	ACCSEC2	02/07/2007	04/06/2009	100%	33.102, 43.020, Sto	SP-040865	Ericsson			
195	410027	Protection against Unsolicited Communicatio	Rel-9	S3,S1	No	PUCI	18/09/2008	10/12/2009	87%	-	SP-080482	NEC			
196	410028	Stage 1 for PUCI	Rel-9	S1	No	PUCI	18/09/2008	11/12/2008	100%	22.228	SP-080482	NEC			
197	410029	SA3 work on PUCI	Rel-9	S3	No	PUCI	18/09/2008	10/12/2009	85%	33.837	SP-080482	NEC			
198	430036	IMS Media Plane Security	Rel-9	C1,C4,C3	No	MEDIASEC	03/01/2000	19/03/2010	51%	-	SP-090128	Vodafone			
199	430136	SA3 aspects - MEDIASEC	Rel-9	S3	No	MEDIASEC	13/03/2009	10/12/2009	90%	new 33.828, 33.328	SP-090128	Vodafone			
200	460000	CN aspects of IMS Media Plane Security	Rel-9	C1,C4,C3	No	MEDIASEC_COF	03/01/2000	19/03/2010	4%	-	CP-090884	Vodafone			
201	450010	CT1 aspects - MEDIASEC	Rel-9	C1	No	MEDIASEC_COF	18/09/2009	19/03/2010	20%	23.218, 24.229	CP-090884	Vodafone			
202	450011	CT4 aspects - MEDIASEC	Rel-9	C4	No	MEDIASEC_COF	18/09/2009	19/03/2010	0%	29.238, 23.334, 29.3	CP-090884	Vodafone			
203	460000	CT3 aspects - MEDIASEC	Rel-9	C3	No	MEDIASEC_COF	03/01/2000	03/01/2000	0%	29.162	CP-090884	Vodafone			
204	440053	GBAPush enhancements (Generic push layer)	Rel-9	S3	No	eGBAPush	12/03/2008	10/12/2009	85%	33.224	SP-090282	Ericsson			
205	420039	SA3 part of eGBAPush (Generic push layer)	Rel-9	S3	No	eGBAPush	12/03/2008	10/12/2009	85%	33.224	SP-090282	Ericsson			
206	440054	Extended Identity Management	Rel-9	S3,C4	No	GBA-IdM	04/06/2009	10/12/2009	90%	new 33.924, CP#45	SP-090284	Nokia			
207	440056	Network Domain Security (NDS) enhancement	Rel-9	S3,C4	No	NDS_Backhaul	04/06/2009	25/03/2010	57%	-	SP-090286	Vodafone			
208	440156	SA3 part of NDS_Backhaul	Rel-9	S3	No	NDS_Backhaul	04/06/2009	25/03/2010	30%	33.102, 33.210, 33.3	SP-090286	Vodafone			
209	440256	CT4 part of NDS_Backhaul	Rel-9	C4	No	NDS_Backhaul	04/06/2009	04/12/2009	100%	-	SP-090286	Vodafone			
210	440057	128 bit encryption for GSM and GPRS	Rel-9	2,G3new	No	A5/4-GEA4	04/06/2009	10/12/2009	96%	-	SP-090287	Ericsson			
211	440157	SA3 part of A5/4-GEA4	Rel-9	S3	No	A5/4-GEA4	04/06/2009	10/12/2009	80%	33.102,43.020, new	SP-090287	Ericsson			
212	440357	CT1 part of A5/4-GEA4	Rel-9	C1	No	A5/4-GEA4	04/06/2009	18/09/2009	100%	24.008,44.064	SP-090287	Ericsson			
213	440457	CT4 part of A5/4-GEA4	Rel-9	C4	No	A5/4-GEA4	04/06/2009	10/12/2009	100%	29.002, 29.060	SP-090287	Ericsson			
214	440557	GERAN2 part of A5/4-GEA4	Rel-9	G2	No	A5/4-GEA4	04/06/2009	04/09/2009	100%	44.018,48.008,48.01	GP-091212	Ericsson			
215	440657	GERAN3new (testing) part of A5/4-GEA4	Rel-9	G3new	No	A5/4-GEA4	04/06/2009	20/11/2009	100%	51.010	GP-091212	Ericsson			
216	440257	Deleted - SA2 part of A5/4-GEA4	Rel-9	S2	No	A5/4-GEA4	04/06/2009	24/09/2009	100%	23.060	SP-090287	Ericsson			
217	440071	Lawful Interception in the 3GPP Rel-9	Rel-9	S3	No	LI9	04/06/2009	10/12/2009	30%	33.106 (LI requireme	SP-090532	BMW, Nortel			
218	420027	Timed Graphics	Rel-9	S4	No	TG	11/12/2008	25/03/2010	60%	26.114, 26.140, 26.2	SP-080683	Ericsson			

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219	430037	Managing MTSI Media Adaptation	Rel-9	S4	No	M3A	12/03/2009	10/12/2009	100%	26.114	SP-090021	Samsung			
220	440046	PSS and MBMS Aspects	Rel-9	S4	No	PMA	12/03/2009	25/03/2010	57%	-	SP-090261	Ericsson, Nokia			
221	430038	PSS and MBMS extensions	Rel-9	S4	No	PMA-MBS_Ext	12/03/2009	25/03/2010	45%	26.234, 26.346	SP-090262	Ericsson			
222	430039	Improved Video Support for PSS and MBMS	Rel-9	S4	No	PMA-IVS	12/03/2009	25/03/2010	70%	26.234, 26.244, 26.3	SP-090263	Nokia			
223	430046	IMS based PSS and MBMS User Service exten	Rel-9	S4	No	IMS_PSS_MBMS	12/03/2009	10/12/2009	100%	26.237	SP-090225	Ericsson			
224	440051	Syndicated Feed Reception within 3GPP enviro	Rel-9	S4	No	SFR	04/06/2009	10/12/2009	100%	26.150	SP-090260	Ericsson			
225	450048	Distortion Measurement Test Methods and Re	Rel-9	S4	No	DTMR	24/09/2009	25/03/2010	55%	26.131, 26.132	SP-090575	Motorola			
226	420029	OAM&P 9	Rel-9	S5	No	OAM9	22/02/2008	25/03/2010	60%	-	not applicable				
227	420030	Network Infrastructure Management	Rel-9	S5	No	OAM9-NIM	11/12/2008	25/03/2010	44%	-	not applicable				
228	420031	Software Management for Network Elements	Rel-9	S5	No	OAM9-NE_SWM	11/12/2008	25/03/2010	75%	32.531, 32.532, 32.5	SP-080756	Siemens Networks			
229	440064	Service Oriented Architecture (SOA) for IRP	Rel-9	S5	No	OAM9	04/06/2009	25/03/2010	20%	32.101, 32.102, 32.1	SP-090313	Siemens Networks			
230	440065	IRP SOAP Solution Sets continuation from Rel-8	Rel-9	S5	No	OAM9	04/06/2009	25/03/2010	20%	32.127, 32.327, 32.3	SP-090314	Ericsson			
231	420032	Performance Management	Rel-9	S5	No	OAM9-PM	12/03/2009	25/03/2010	69%	-	not applicable				
232	430041	Enhancement of E-UTRAN Performance Measurem	Rel-9	S5	No	OAM9	12/03/2009	25/03/2010	30%	32.425	SP-090053	Motorola, Huawei			
233	430042	Enhancement of EPC Performance Measurements	Rel-9	S5	No	OAM9	12/03/2009	10/12/2009	100%	32.426	SP-090049	China Mobile			
234	440059	Enhancement of UTRAN Performance Measuremen	Rel-9	S5	No	OAM9	04/06/2009	10/12/2009	100%	32.405	SP-090308	China Mobile			
235	420033	Delete at TSG#46 - Trace	Rel-9	S5	No	OAM9-Trace	13/03/2009	10/12/2009	100%	-	not applicable				
236	430043	Self-Organizing Networks (SON) - OAM aspects	Rel-9	S5	No	OAM9-SON	22/02/2008	25/03/2010	68%	-	not applicable				
237	390007	SON self-optimization management	Rel-9	S5	No	LTE_SON-OAM	22/02/2008	25/03/2010	75%	32.425, new 32.521,	SP-090762	Huawei, ZTE			
238	440067	Automatic Radio Network Configuration Data Prepar	Rel-9	S5	No	OAM9	04/06/2009	25/03/2010	50%	32.501, 32.502, 32.5	SP-090317	Siemens Networks			
239	440058	Subscription Management (SuM) evolution	Rel-9	S5	No	OAM9-SuM	04/06/2009	25/03/2010	30%	32.140, 32.141, 32.1	SP-090307	Ericsson			
240	440068	Charging Management small Enhancements	Rel-9	S5	No	CH9	04/06/2009	25/03/2010	25%	-	not applicable				
241	440063	IWLAN mobility charging	Rel-9	S5	No	eIWLAN_Mob	04/06/2009	25/03/2010	25%	32.240, 32.252, 32.2	SP-090312	Orange			
242	380086	Definition of 3GPP UICC services over the new	Rel-10	C6	No	UICCHS	10/12/2007	24/12/2010	15%	31.xyz	CP-070837	Gemalto			
243	400008	CS-IBCF and CS-TrGW definition in 3GPP spe	Rel-9	C3,C4	No	CS-IBCF	30/05/2008	19/03/2010	99%	-	CP-090073	Telecom Italia			
244	400109	CT3 aspects of CS-IBCF	Rel-9	C3	No	CS-IBCF	30/05/2008	19/03/2010	98%	29.235	CP-090073	Telecom Italia			
245	400010	CT4 aspects of CS-IBCF	Rel-9	C4	No	CS-IBCF	30/05/2008	04/12/2009	100%	23.231, 29.232, new	CP-090073	Telecom Italia			
246	410008	IMS – Interconnection Border Control Functio	Rel-9	C4,C3	No	IMS_IBCF	12/09/2008	19/03/2010	99%	-	CP-090019	Alcatel-Lucent			
247	410108	CT4 part of IMS_IBCF	Rel-9	C4	No	IMS_IBCF	12/09/2008	04/12/2009	100%	new 29.238	CP-090019	Alcatel-Lucent			
248	410208	CT3 part of IMS_IBCF	Rel-9	C3	No	IMS_IBCF	12/09/2008	19/03/2010	98%	29.162, 29.235	CP-090019	Alcatel-Lucent			
249	410009	IMS Application Level Gateway Control Functi	Rel-9	C4	No	IMS_AGCF	12/09/2008	04/12/2009	100%	new (23.334, 29.334	CP-090020	Alcatel-Lucent			
250	420016	Enhancements of IMS Customized Alerting Tc	Rel-9	C1	No	eCAT	05/12/2008	19/03/2010	95%	-	CP-080796	China Mobile			
251	420017	Stage 3 Enhancements of IMS CAT Supplement	Rel-9	C1	No	eCAT-SS	05/12/2008	19/03/2010	95%	24.182	CP-080796	China Mobile			
252	440017	Completion of IMS Restoration Procedures	Rel-9	C3, C4,C1	No	eIMS_RP	29/05/2009	19/03/2010	33%	-	CP-090860	Ericsson			
253	440018	CT4 aspects of eIMS_RP	Rel-9	C4	No	eIMS_RP	29/05/2009	19/03/2010	60%	23.380, 23.820	CP-090860	Ericsson			
254	440019	CT1 aspects of eIMS_RP	Rel-9	C1	No	eIMS_RP	29/05/2009	19/03/2010	0%	24.229	CP-090860	Ericsson			
255	460000	CT3 aspects of eIMS_RP	Rel-9	C3	No	eIMS_RP	29/05/2009	19/03/2010	40%	29.061, 29.212, 29.2	CP-090860	Ericsson			
256	440039	IMS Stage 3 - IETF Protocol Alignment	Rel-9	C1	No	IMSProtoc3	29/05/2009	19/03/2010	95%	23.218, 24.229, 24.5	CP-090491	Alcatel-Lucent			
257	440070	Operational description of the Inter-IMS Netw	Rel-9	C3	No	II-NNI	29/05/2009	19/03/2010	80%	29.165	CP-090331	Orange			
258	450005	Definition of MI interface for Control Plane LC	Rel-9	C1	No	EMC2	18/09/2009	19/03/2010	75%	24.229	CP-090746	Alcatel-Lucent			
259	450009	PCC enhancements	Rel-9	C3	No	PCC-Enh	18/09/2009	04/12/2009	100%	29.212, 29.213, 29.2	CP-090744	Huawei			
260	410023	Rel-9 Improvements of the Radio Interface	Rel-9	RP,GP	No	RInImp9	30/11/2007	04/06/2010	81%	-	not applicable				
261	380073	UMTS/LTE 3500 MHz	Rel-10	R4,R2,R3	No	RInImp8-UMTSL1	30/11/2007	04/06/2010	55%	25.101, 25.104, 25.1	RP-081096	Ericsson			

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262	410017	LCR TDD UE OTA Performance Requirements	Rel-9	R4	No	RInImp9-RFLCR	12/09/2008	29/05/2009	100%	Produced no TR 25.	RP-080744	RITT			
263	410019	RF requirements for Multicarrier and Multi-RAT	Rel-9	R4,G1	No	RInImp9-RFmult	21/11/2008	19/03/2010	99%			Ericsson			
264	420009	RAN4 part of RF requirements for Multicarrier and Multi-RAT	Rel-9	R4	No	RInImp9-RFmult	05/12/2008	19/03/2010	98%	25.104, 25.105, 36.1	RP-091106	Ericsson			
265	420001	GERAN part of RF requirements for Multicarrier and Multi-RAT	Rel-9	G1	No	RInImp9-RFmult	21/11/2008	20/11/2009	100%	45.005, 51.021	GP-081945	Ericsson			
266	420010	Extended UMTS/LTE 800 MHz	Rel-9	R4,R2,R3	No	RInImp9-UMTSL	05/12/2008	18/09/2009	100%	36.800 (Extended U	RP-080884	NTT DoCoMo			
267	430009	UMTS/LTE 800 MHz for Europe	Rel-9	R4,R2,R3	No	RInImp9-UMTSL	06/03/2009	19/03/2010	65%	25.101, 25.104, 25.1	RP-090156	Ericsson			
268	430010	Performance requirement for LCR TDD with UE	Rel-9	R4	No	RInImp9-LCRTD	06/03/2009	04/12/2009	100%	25.102, 25.105, 25.1	RP-090258	CATT			
269	440004	Extended UMTS/LTE 1500 MHz	Rel-9	R4,R2,R3	No	UMTSLTE1500	30/05/2009	04/12/2009	100%	25.101, 25.104, 25.1	RP-090470	NTT DoCoMo			
270	440006	Rel-9 Improvements of the Radio Interface - U	Rel-9	R5	No	RInImp-UEConT	05/12/2008	04/06/2010	9%	-	not applicable				
271	420013	Conformance Test Aspects – LTE 3500	Rel-10	R5	No	LTE-UEConTest	05/12/2008	04/06/2010	2%	36.508, 36.521-1, 36	RP-080859	Ericsson			
272	420014	Conformance Test Aspects – UMTS 3500	Rel-10	R5	No	RInImp-UEConTe	05/12/2008	04/06/2010	2%	34.108, 34.121-1, 34	RP-080870	Nokia			
273	440007	Conformance Test Aspects – UMTS/LTE in 800 MHz	Rel-9	R5	No	RInImp-UEConTe	19/05/2009	19/03/2010	2%	34.108, 34.121-1, 34	RP-090485	Ericsson			
274	450017	Conformance Test Aspects – Extended UMTS/L	Rel-9	R5	No	UMTSLTE1500_L	18/09/2009	12/03/2010	5%	34.108, 34.121-1, 34	RP-090748	NTT DoCoMo			
275	440012	TDD UE Over The Air (Antenna) conformance test	Rel-9	R5	No	UEAnt_TDDTest	30/05/2009	18/09/2009	100%	34.114	RP-090621	CATR			
276	450018	Conformance Test Aspects – SMS over IMS in	Rel-9	R5	No	SMSoverIMS_UE	18/09/2009	18/06/2010	5%	34.229-1, 34.229-2,	RP-090959	Alcatel-Lucent			
277	430013	Rel-9 RAN improvements	Rel-9	RP	No	RANimp	06/03/2009	19/03/2010	99%	-	not applicable				
278	430014	Dual-Cell HSUPA	Rel-9	R2,R3,R4	No	RANimp-DC_HSI	06/03/2009	19/03/2010	95%	25.101, 25.104, 25.1	RP-090014	Siemens Networks			
279	430015	Support for different bands for Dual-Cell HSDPA	Rel-9	R4,R2,R3	No	RANimp-MultiBar	06/03/2009	04/12/2009	100%	25.101, 25.104, 25.1	RP-090973	Siemens Networks			
280	430016	Combination of DC-HSDPA with MIMO	Rel-9	R2,R3,R4	No	RANimp-DC_MIM	06/03/2009	04/12/2009	100%	25.101, 25.104, 25.1	RP-090332	Ericsson			
281	430018	Transmit Antenna Array (TxAA) extension for nc	Rel-9	R2,R3,R4	No	RANimp-TxAA_ni	06/03/2009	04/12/2009	100%	25.101, 25.104, 25.2	RP-090013	Nokia			
282	440014	Cell Portion for 1.28 Mcps TDD	Rel-9	R3,R1,R4	No	CP_LCRTDD	30/05/2009	04/12/2009	100%	25.102, 25.105, 25.1	RP-090659	CATT			
283	420007	LTE improvements	Rel-9	RP	No	LTEimp	06/03/2009	19/03/2010	88%	-	not applicable				
284	430019	LTE Pico NodeB RF Requirements	Rel-9	R4	No	LTEimp-Pico_eNI	06/03/2009	04/12/2009	100%	36.104, 36.141, new	RP-091155	Huawei			
285	430029	Enhanced Dual-Layer transmission for LTE	Rel-9	R1,R2,R4	No	LTEimp-eDL	06/03/2009	19/03/2010	80%	36.101, 36.104, 36.1	RP-090783	China Mobile			
286	450049	System aspects of vocoder rate adaptation for	Rel-9	S2,S4,R2	No	LTEimp-Vocode	30/05/2009	25/03/2010	94%	-	SP-090653	Qualcomm Europe			
287	450050	SA2 system aspects of vocoder rate adaptation	Rel-9	S2	No	LTEimp-Vocoder	04/06/2009	24/09/2009	100%	23.401 CR#1103r3	SP-090653	Qualcomm Europe			
288	450051	SA4 system aspects of vocoder rate adaptation	Rel-9	S4	No	LTEimp-Vocoder	04/06/2009	25/03/2010	90%	26.114 draft CR#001	SP-090653	Qualcomm Europe			
289	440013	Vocoder rate adaptation for LTE	Rel-9	R2	No	LTEimp-Vocoder	30/05/2009	18/09/2009	100%	36.300 CR#0114	RP-090978	Alcatel-Lucent			
290	420011	Self-Organizing Networks (SON)	Rel-9	R3,R2	No	SON	06/03/2009	04/12/2009	91%	25.413, 36.300, 36.4	RP-090162	Siemens Networks			
291	38002	A-GNSS Performances and Testing Procedure	Rel-9	GP	No	AGNSSPTP	16/05/2008	21/05/2010	50%	-	GP-081785	Thales			
292	38003	A-GNSS Minimum Performances	Rel-9	G1	No	AGNSSPTP- Perf	16/05/2008	05/03/2010	90%	45.005	GP-081786	Thales			
293	38004	A-GNSS Testing Procedures	Rel-9	G3new	No	AGNSSPTP-MSU	16/05/2008	21/05/2010	15%	51.010-1	GP-081787	Thales			
294	420002	Voice services over Adaptive Multi-user chan	Rel-9	GP	No	VAMOS	21/11/2008	21/05/2010	63%	-	GP-081949	orks, China Mobile			
295	420003	VAMOS Stage 2	Rel-9	GP	No	VAMOS	21/11/2008	21/05/2010	90%	45.001 (Overview of	GP-081964	orks, China Mobile			
296	420004	VAMOS Stage 3	Rel-9	GP	No	VAMOS	21/11/2008	21/05/2010	60%	24.008, 44.018, 45.0	GP-081965	orks, China Mobile			
297	420005	VAMOS Radio Performance Requirements	Rel-9	GP	No	VAMOS	24/11/2008	21/05/2010	40%	45.005 (Test Scenar	GP-081966	orks, China Mobile			
298	430001	Local Call Local Switch	Rel-9	R4,C3,C1	No	LCLS	20/02/2009	21/05/2010	73%	-	GP-090457	Huawei			
299	430101	Local Call Local Switch	Rel-9	GP	No	LCLS	20/02/2009	21/05/2010	60%	48.008 (MSC-BSS ir	GP-090457	Huawei			
300	440021	Study on CN aspects of Local Call Local Switch	Rel-9	C4	No	LCLS-CN	29/05/2009	19/03/2010	83%		CP-090812	Vodafone			
301	440022	Study on CN aspects of Local Call Local Switch	Rel-9	C4	No	LCLS-CN	29/05/2009	19/03/2010	60%	23.889	CP-090812	Vodafone			
302	440023	Deleted - CT3 aspects of LCLS	Rel-9	C3	No	LCLS-CN	29/05/2009	04/12/2009	100%		CP-090812	Vodafone			
303	440024	Deleted - CT1 aspects of LCLS	Rel-9	C1	No	LCLS-CN	29/05/2009	04/12/2009	100%		CP-090812	Vodafone			
304	440002	Cell Broadcast protocol Base Station Controll	Rel-9	GP,C1	No	CEBRO	15/05/2009	19/03/2010	39%	-	GP-091022	Ericsson			

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305	440102	Cell Broadcast protocol Base Station Controller	Rel-9	GP	No	CEBRO	15/05/2009	05/03/2010	80%	new 48.049	GP-091022	Ericsson			
306	440202	Cell Broadcast protocol Base Station Controller	Rel-9	C1	No	CEBRO	15/05/2009	19/03/2010	0%	23.041	GP-091022	Ericsson			
307	440003	Hybrid Location	Rel-9	GP	No	HILT	18/05/2009	20/11/2009	100%	43.059, 48.071	GP-091075	TruePosition			
308	420099	(Small) Technical Enhancements and Improve	Rel-9	All	No	TEI9	15/09/2008	10/12/2009	100%	-	not applicable	-			
309	460002	Test - (Small) Technical Enhancements and In	Rel-9	5,G3new	No	TEI9_Test	20/11/2009	24/12/2010	0%	-	not applicable	-			
310	390040	Deleted - SAES Enhancements (non RAN aspects)	Rel-9	S2	No	SAES_Ph2	25/06/2007	08/12/2008	100%	-		Siemens Networks			
311	350028	Deleted - Functions and procedures for SAE to support LTE ME	Rel-9	S2	No	SAES_Ph2	25/06/2007	08/12/2008	100%	-					
312	390041	Deleted - CS over EPS	Rel-9	S2	No	SAES_Ph2	12/03/2008	08/12/2008	100%	-					
313	390042	Deleted - SAE for generic support for non-3GPP accesses	Rel-9	S2	No	SAES_Ph2	25/06/2007	09/06/2008	100%	-					
314	390043	Deleted - Single Radio Aspects of SAE for Optimized Hanc	Rel-9	S2	No	SAES_Ph2	25/06/2007	09/06/2008	100%	-					
315	380071	Deleted - Harmonization of Gq/Rx for Common IMS	Rel-9	S2	No	IMS_Comm_GqF	14/01/2008	12/03/2009	100%	23.822, 23.203	SP-070822	Alcatel-Lucent			
316	380081	Deleted - Support of WIMAX - LTE Mobility	Rel-9	R2	No	WIMAX_LTE_Mo	06/06/2008	25/12/2009	100%	36.306, 36.331, 36.4	RP-070511	Samsung			
317	380082	Deleted - Support of WIMAX - UMTS Mobility	Rel-9	R2	No	WIMAX_UMTS_A	06/06/2008	25/12/2009	100%	25.306, 25.331, 25.4	RP-070511	Intel			
318	0	Release 9 Studies	Rel-9	RP,SP	No		01/01/2000	01/01/2000	0%	-					
319	370045	Study on enhanced voice service requirement	Rel-9	S1,S4	No	FS_EV_EPS	03/09/2007	25/03/2010	70%	22.813	SP-070698	Orange			
320	370047	Use cases definition and service and system rec	Rel-9	S1	No	FS_EV_EPS-S1	03/09/2007	11/12/2008	100%	22.813	SP-070698	Orange			
321	370048	Codec specific part of FS_EV_EPS	Rel-9	S4	No	FS_EV_EPS-S4	03/09/2007	25/03/2010	55%	22.813	SP-070698	Ericsson			
322	400036	Study on Service Specific Access Control in E	Rel-9	S1	No	FS_SSAC	05/06/2008	11/12/2008	100%	22.986	SP-080319	NTT DoCoMo			
323	350052	Study on CS Domain Services over EPS acces	Rel-9	S2	No	FS_CSoPS	25/04/2007	12/03/2009	100%	23.879	SP-080800	T-Mobile			
324	370043	Study on Extended Support of IMS Emergency	Rel-9	S2	No	FS_IMS-eCall	24/09/2007	11/12/2008	100%	23.868	SP-070547	Qualcomm Europe			
325	320031	Study on Service Continuity for Emergency Vo	Rel-9	S2	No	FS_VCCeM	08/06/2006	12/03/2009	100%	23.826	SP-080555	Nortel			
326	370053	Study on Security Aspects of Remote Provisi	Rel-9	S3,C6	No	FS_UM2M	06/04/2004	10/12/2009	100%	33.812	SP-070702	Ericsson			
327	380084	Study on UTRAN key management enhancem	Rel-10	S3	No	FS_UKM	20/12/2007	19/03/2010	30%	33.8xy	SP-090283	Ericsson			
328	430040	Study on Surround Sound codec extension fo	Rel-9	S4	No	FS_SS_PSS_MB	12/03/2009	25/03/2010	50%	26.950	SP-090019	inhofer Gesellschaft			
329	360006	Study on System Maintenance over ltf-N	Rel-9	S5	No	FS_OAM-Maint-It	07/06/2007	24/09/2009	100%	32.822	SP-070306	ZTE			
330	360007	Study on Self-Organizing Networks (SON) rela	Rel-9	S5	No	FS_OAM-SON-H	07/06/2007	04/06/2009	100%	32.821	SP-080461	Huawei			
331	390017	Study on Self-healing of Self-Organizing Netw	Rel-9	S5	No	FS_OAM-SON-S	22/02/2008	24/09/2009	100%	32.823	SP-080076	ZTE			
332	400029	Study on Service Oriented Architecture (SOA)	Rel-9	S5	No	FS_OAM_SOA_II	05/06/2008	04/06/2009	100%	32.824	SP-080281	Ericsson			
333	410044	Study on Rc Reference Point Functionalities a	Rel-10	S5	No	FS_OAM_Rc	18/09/2008	24/12/2010	90%	32.825	SP-080464	Huawei			
334	430044	Study on Telecommunication Management; E	Rel-10	S5	No	FS_OAM_ESM	12/03/2009	24/12/2010	60%	32.826	SP-090048	Orange, Vodafone			
335	440069	Study on Integration of Device Management Ir	Rel-10	S5	No	FS_IDMI_ltf-N	04/06/2009	24/12/2010	40%	32.827	SP-090462	Motorola			
336	440050	Study on EPC Charging enhancement	Rel-10	S5	No	FS_EPCcharg	04/06/2009	24/12/2010	5%	It has to be decided	SP-090318	Siemens Networks			
337	450012	Study on Interworking Proxy between GTP ba	Rel-9	C4	No	FS_GTP-MIP-IW	18/09/2009	19/03/2010	60%	29.875	CP-090517	NTT DoCoMo			
338	450013	Study on Policy and Charging Rules Function	Rel-10	C3	No	FS_PCRF-FR	18/08/2009	04/06/2010	50%	29.816	CP-090861	NEC			
339	380079	Study on Evaluation of the inclusion of Path L	Rel-9	R4	No	FS_RAN-Pathlos	17/12/2007	04/12/2009	100%	25.907	RP-071050	Polaris Wireless			
340	390031	Study on LTE-Advanced	Rel-9	R2,R3,R4	No	FS_RAN_LTEA	23/03/2007	19/03/2010	80%	36.913 , new 36.814	RP-091360	NTT DoCoMo			
341	410016	Study on 1.28 Mcps TDD Home NodeB	Rel-9	R4	No	FS_RAN-HNBLC	20/02/2008	04/12/2009	100%	25.866	RP-080767	TD Tech			
342	420012	Study on E-UTRAN Mobility Evaluation and Er	Rel-9	R1	No	FS_EUTRAN_mc	05/12/2008	29/05/2009	100%	-	RP-081137	Qualcomm Europe			
343	430020	Study on Measurement of Radiated Performar	Rel-10	R4	No	FS_HSPA_LTE_r	06/03/2009	04/06/2010	35%	New TR (25/36) on I	RP-090352	Vodafone			
344	430021	Study on Minimization of drive-tests in Next G	Rel-9	R2	No	FS_NGN_min_dr	06/03/2009	04/12/2009	100%	36.805	RP-090341	Qualcomm Europe			
345	430027	Study on Enhanced Interference Management	Rel-9	R4	No	FS_eInterfMgmt_L	06/03/2009	29/05/2009	100%	25.967	RP-090361	Qualcomm Europe			
346	440015	Study on Enhanced Interference Management	Rel-9	R3	No	FS_eInterfMgmt_IV	30/05/2009	18/09/2009	100%	25.967	RP-090667	Qualcomm Europe			
347	440016	Study on Extending 850 MHz	Rel-10	R4	No	FS_e850	30/05/2009	04/06/2010	5%	TR xx.yyy (Extending	RP-090666	Ericsson			

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348	320026	<i>Deleted - Study on Protection against SMS and MMS spam</i>	Rel-9	S3	No	FS_CPSMal	08/06/2006	24/09/2009	100%	33.9xx	SP-060446	Orange			
349	0	Release 8 Features	Rel-8	IP,RP,SP	No		03/01/2000	03/01/2000	0%	-					
350	320005	3GPP System Architecture Evolution Specific	Rel-8	SP,CP	No	SAES	12/04/2006	12/03/2010	99%	-	SP-080132	T-Mobile			
351	320022	Requirements for evolution of the 3GPP system	Rel-8	S1	No	AIPN-SAE	08/06/2006	12/12/2007	100%	22.278, 22.011, 22.2	SP-080132	T-Mobile			
352	370005	High level and common (for all accesses) functi	Rel-8	SP,CP	No	EPS-ComF	02/01/2007	29/05/2009	100%		SP-080132	Siemens Networks			
353	350024	Stage 2 for High level functions	Rel-8	S2	No	SAES-SA-HLF	02/01/2007	02/06/2008	100%	23.402	SP-080132	Motorola			
354	390044	Stage 2 Security Architecture	Rel-8	S3	No	SAES	12/03/2008	11/12/2008	100%	33.401, 33.210, 33.3	SP-080132	Siemens Networks			
355	340051	Stage 3 (CT1) for SAE impact on services, network functio	Rel-8	C1	No	SAES	05/02/2007	06/03/2009	100%	24.229, 24.305, 27.0	CP-080493	Siemens Networks			
356	340054	Stage 3 SAE impact on existing capabilities	Rel-8	C3	No	SAES	05/02/2007	05/12/2008	100%	29.061	CP-080772	Huawei			
357	340062	Stage 3 (CT4) of SAE impact on existing capabilities	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	100%	29.274, 29.275	CP-090247	Huawei			
358	340049	Stage 2/3 for Network selection procedures	Rel-8	C1	No	SAES	05/02/2007	05/12/2008	100%	23.122, 24.302	CP-080493	Siemens Networks			
359	340023	Stage 3 EPC interworking with external PDNs (SGi)	Rel-8	C3	No	SAES-St3-intwk	05/02/2007	29/05/2009	100%	29.061	CP-080772	Huawei			
360	340022	Stage 3 PCC within SAE	Rel-8	C3	No	SAES-St3-PCC	05/02/2007	29/05/2009	100%	29.212, 29.213, 29.2	CP-080576	Ericsson			
361	340028	Stage 3 for SAE / LTE identities	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	100%	23.003	CP-090247	Huawei			
362	370017	Unified guidelines for Diameter usage within 3GPP	Rel-8	C3	No	SAES-DIAM	21/09/2007	05/12/2008	100%	29.909	CP-080055	Huawei			
363	350025	SAE for LTE access	Rel-8	S1,C3,C4	No	SAES-LTE	02/01/2007	06/03/2009	100%		SP-080132	Motorola			
364	340060	CT4 Stage 3 for protocol between EPCs	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	100%	29.274, 29.275	CP-090247	Huawei			
365	350042	SAES-SA-FP_LTE with GTP variant	Rel-8	S2,C4	No	SAES-SA-FP_LT	02/01/2007	06/03/2009	100%		SP-080132	Siemens Networks			
366	370006	Stage 2 for SAES-SA-FP_LTE with GTP variant	Rel-8	S2	No	SAES-SA-FP_LT	02/01/2007	05/06/2008	100%	23.401, 23.060, 23.0	SP-080132	Siemens Networks			
367	340055	CT4 Stage 3 for GTP v2 protocol	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	100%	29.274	CP-090247	Huawei			
368	350043	SAES-SA-FP_LTE with PMIP variant	Rel-8	S2,C4	No	SAES-SA-FP_LT	02/01/2007	06/03/2009	100%		SP-080132	Siemens Networks			
369	370007	Stage 2 for SAES-SA-FP_LTE with PMIP variant	Rel-8	S2	No	SAES-SA-FP_LT	02/01/2007	05/06/2008	100%		SP-080132	Siemens Networks			
370	370018	CT4 Stage 3 for PMIP protocol within EPC	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	100%	29.275, 29.282	CP-090247	Huawei			
371	410004	Mobile IPv4 (MIPv4) based Mobility protocols	Rel-8	C4	No	SAES	05/02/2007	05/12/2008	100%	29.279	CP-090247	Motorola			
372	340020	Stage 3 for UE NAS mobility procedures in idle and active	Rel-8	C1	No	SAES	05/02/2007	06/03/2009	100%	24.007, 24.301	CP-080493	Siemens Networks			
373	340050	Stage 3 for Session management, bearer control and QoS	Rel-8	C1	No	SAES	05/02/2007	06/03/2009	100%	24.007, 24.301	CP-080493	Siemens Networks			
374	340053	Stage 3 for security aspects of LTE Access	Rel-8	C1	No	SAES	05/02/2007	06/03/2009	100%	24.008, 24.301	CP-080493	Siemens Networks			
375	340025	Stage 3 for QoS mechanisms	Rel-8	C3	No	SAES	05/02/2007	05/12/2008	100%	29.213	CP-080576	Ericsson			
376	340026	Stage 3 for EPC - HSS interface	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	100%	29.272	CP-090247	Huawei			
377	350026	SAE for Interoperation between LTE and legacy	Rel-8	S2,C1,C4	No	SAES-SA-FP_3G	05/02/2007	06/03/2009	100%		SP-080132	Motorola			
378	370008	Stage 2 for Interoperation between LTE and 2G/3G	Rel-8	S2	No	EPSto2_3G	05/02/2007	18/09/2008	100%	23.401, 23.402	SP-080132	Motorola			
379	380031	Stage 3 for Inter-system mobility between E-UTRAN and 2	Rel-8	C1	No	SAES	05/02/2007	06/03/2009	100%	24.008, 24.301	CP-080493	Siemens Networks			
380	340018	Stage 2 GPRS enhancements for LTE access	Rel-8	S2	No	SAES-GPRS_LTI	04/09/2007	18/09/2008	100%	23.401	SP-080132	Vodafone			
381	390008	Stage 2 GPRS for EPC (23.060, etc.)	Rel-8	S2	No	SAES	14/01/2008	18/09/2008	100%	23.060	SP-080132	Siemens Networks			
382	340056	Stage 3 for EPC - GPRS	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	100%	29.274, 29.275, 29.2	CP-090247	Huawei			
383	380032	Stage 3 for EPC to UTRAN	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	100%	29.274, 29.275, 29.2	CP-090247	Huawei			
384	380033	Stage 3 for EPC to 3GPP2	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	100%	29.277, 29.276	CP-090247	Huawei			
385	370009	Stage 2 for Interoperation between LTE and CDMA2000	Rel-8	S2	No	EPStoC2k	18/06/2007	18/09/2008	100%	23.401, 23.402	SP-080132	Motorola, Vodafone			
386	360023	Stage 3 for Inter-system mobility between E-UTRAN and C	Rel-8	C1	No	SAES	05/02/2007	06/03/2009	100%	24.301, 24.302	CP-080493	Siemens Networks			
387	340061	Stage 3 for MME - SGSN "signalling free" protocol	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	100%	29.272, 29.274	CP-090247	Huawei			
388	350027	SAE for support for non-3GPP accesses	Rel-8	S3,C1,C4	No	SAES-SA-FP_n3	02/01/2007	06/03/2009	100%	-	SP-080132	Motorola			
389	350044	Stage 2 for Host-based Mobility aspects	Rel-8	S2	No	SAES-SA-FP_n3	02/01/2007	05/06/2008	100%	23.402	SP-080132	Motorola			
390	350045	Stage 2 for Network-based Mobility aspects	Rel-8	S2	No	SAES-SA-FP_n3	02/01/2007	18/09/2008	100%	23.402	SP-080132	Motorola			

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391	360022	Stage 3 for Mobility management based on DSMIP v6	Rel-8	C1	No	SAES	05/02/2007	05/12/2008	100%	24.303	CP-080493	Siemens Networks			
392	390009	Stage 3 for Mobility management based on MIP v4	Rel-8	C1	No	SAES	05/02/2007	05/12/2008	100%	24.304	CP-080493	Siemens Networks			
393	380030	Stage 3 for Inter-system mobility between E-UTRAN and n	Rel-8	C1	No	SAES	05/02/2007	06/03/2009	100%	24.008, 24.301	CP-080493	Siemens Networks			
394	360019	Stage 2 for Optimized Dual-Radio Handover with WiMAX	Rel-8	S2	No	SAES-SA-FP_n3	25/06/2007	05/06/2008	100%	23.402	SP-080132	Motorola			
395	390045	Stage 2 Security aspects for non-3GPP Access	Rel-8	S3	No	SAES	12/03/2008	11/12/2008	100%	33.402, 33.210, 33.2	SP-080132	Siemens Networks			
396	370010	Stage 3 security aspects for DSMIP v6 Access	Rel-8	C1	No	SAES	05/02/2007	05/12/2008	100%	24.303	CP-080493	Siemens Networks			
397	390172	Stage 3 security aspects for MIPv4 Access	Rel-8	C1	No	SAES	05/02/2007	05/12/2008	100%	24.304	CP-080493	Siemens Networks			
398	360021	Stage 3 for Access to the EPC via non-3GPP access netw	Rel-8	C1	No	SAES	05/02/2007	06/03/2009	100%	24.302, 24.312	CP-080493	Siemens Networks			
399	370011	Stage 3 for interfaces within EPC	Rel-8	C4	No	SAES	19/09/2007	06/03/2009	100%	29.274, 29.281	CP-090247	Huawei			
400	340057	Stage 3 for Interfaces EPC - non-3GPP IP access	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	100%	29.273, 29.275	CP-090247	Huawei			
401	340058	Stage 3 for AAA/HSS related	Rel-8	C4	No	SAES	05/02/2007	05/12/2008	100%	29.273	CP-090247	Huawei			
402	340059	Stage 3 for EPC - AAA interface	Rel-8	C4	No	SAES	05/02/2007	05/12/2008	100%	29.273	CP-090247	Huawei			
403	360018	Deleted (already covered) SAES-SA-FP_n3GPP Optimizer	Rel-8	S2	No	SAES-SA-FP_n3	25/06/2007	25/06/2007	100%	-		Siemens Networks			
404	350030	Single Radio Voice Call Continuity for 3GPP (SR	Rel-8	S2,C1,C4	No	SAES-SRVCC	02/01/2007	06/03/2009	100%		SP-070949	Siemens Networks			
405	350130	Stage 2 for 2G/3G SRVCC	Rel-8	S2	No	SAES-SRVCC	02/01/2007	18/09/2008	100%	23.216	SP-070949	Siemens Networks			
406	410005	Stage 3 for SRVCC in EPS	Rel-8	C1	No	SAES-SRVCC	30/05/2008	06/03/2009	100%	23.009, 24.008, 24.3	CP-080793	Siemens Networks			
407	410006	MME to MSC interface for SRVCC	Rel-8	C4	No	SAES-SRVCC	12/09/2008	06/03/2009	100%	29.274, 29.277, 23.0	CP-080793	Siemens Networks			
408	360020	Voice Call Continuity for CDMA2000 1X	Rel-8	S2	No	SAES-VCC_1X	25/06/2007	05/06/2008	100%		SP-080132	Siemens Networks			
409	350031	SAE impacts on IMS	Rel-8	S2	No	SAES-SA_IMS	02/01/2007	05/06/2008	100%		SP-080132	Siemens Networks			
410	390036	CS Fallback in EPS	Rel-8	S2,C1,C4	No	SAES-CSFB	12/03/2008	06/03/2009	100%		SP-080097	T-Mobile, Vodafone			
411	400001	Stage 2 for CS Fallback in EPS	Rel-8	S2	No	SAES-CSFB	12/03/2008	05/06/2008	100%	23.272, 23.401	SP-080097	T-Mobile, Vodafone			
412	400102	Stage 3 for CS Fallback in EPS	Rel-8	C1	No	SAES-CSFB	30/05/2008	06/03/2009	100%	24.301, 24.801, 24.0	CP-080791	NEC			
413	400003	Stage 3 for CS Fallback in EPS	Rel-8	C4	No	SAES-CSFB	30/05/2008	05/12/2008	100%	23.007, 23.008, 29.2	CP-080791	NEC			
414	390039	System enhancements for the use of IMS service	Rel-8	S2	No	SAES-IMS_LBO	12/03/2008	05/06/2008	100%	23.228, 23.221, 23.2	SP-080090	Telecom Italia			
415	390010	EPC Data Definitions	Rel-8	S5	No	EPC-OAM	07/01/2008	12/03/2009	100%		not applicable				
416	380037	EPC Network Resource Model (NRM) Integration Referenc	Rel-8	S5	No	EPC-OAM	07/01/2008	12/03/2009	100%	32.751, 32.752, 32.7	SP-070737	Huawei			
417	390011	Performance measurements for EPC	Rel-8	S5	No	EPC-OAM	22/02/2008	12/03/2009	100%	32.426	SP-080061	China Mobile			
418	380038	EPC Charging	Rel-8	S5	No	EPC-CH	07/01/2008	12/03/2009	100%	32.240/296/251/252	SP-070736	Siemens Networks			
419	390018	Issues for CT1 TR 24.801	Rel-8	C1	No	SAES	04/01/2007	05/12/2008	100%	24.801	CP-080068	Siemens Networks			
420	390019	Issues for CT3 TR 29.804	Rel-8	C3	No	SAES	05/02/2007	12/09/2008	100%	29.804	CP-080068	Ericsson			
421	390020	Deleted - Issues for CT4 TR 29.803	Rel-8	C4	No	SAES	04/01/2007	12/09/2008	100%	29.803	CP-080068	Huawei			
422	400104	Domain Name System Procedures for Evolved F	Rel-8	C4	No	SAES-DEPS	30/05/2008	06/03/2009	100%	23.003, 29.303	CP-080280	TeliaSonera			
423	410007	InterWorking Function (IWF) between MAP base	Rel-8	C4	No	SAES-MAP2Dian	12/09/2008	06/03/2009	100%	29.305	CP-080644	Huawei			
424	390021	CT6 aspects of SAE	Rel-8	C6	No	SAES	07/03/2008	12/03/2010	80%		CP-080164	Nokia			
425	390121	CT6 aspects of SAE	Rel-8	C6	No	SAES	07/03/2008	29/05/2009	100%	31.102, 31.111	CP-080164	Nokia			
426	420018	Test interworking of LTE Terminals with the US	Rel-8	C6	No	SAES-USIM_LTE	05/12/2008	12/03/2010	60%	31.121, 31.124	CP-090711	Comprion			
427	350029	Deleted (covered by 380068): Functions and procedures for SA	Rel-8	S2	No	SAES-SA-FP_LC	03/03/2008	03/03/2008	100%	-		Siemens Networks			
428	350032	Deleted (covered by 380064): SAE aspects of Emergency Calls	Rel-8	S2	No	SAES-SA-EmCal	03/03/2008	03/03/2008	100%	-		Siemens Networks			
429	340019	Deleted - CT1 aspects of SAES	Rel-8	CP,C1	No	SAES-St3	04/09/2007	27/09/2007	100%		CP-060674				
430	350019	Deleted - CT1 aspects of SAES	Rel-8	C1	No	SAES-St3	04/09/2007	04/09/2007	100%		CP-060674				
431	340052	Deleted - Interoperability	Rel-8	C1	No	SAES-St3-interop	14/03/2008	14/03/2008	100%		CP-060674				
432	350020	Deleted - CT3 aspects of SAES	Rel-8	C3	No	SAES-St3	04/09/2007	04/09/2007	100%		CP-060675				
433	350021	Deleted - CT4 aspects of SAES	Rel-8	C4	No	SAES-St3	04/09/2007	04/09/2007	100%	29.803	CP-060676				

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434	340021	Deleted - UE to EPC NAS signalling (incl. MBMS and QoS aspe	Rel-8	C1	No	SAES-St3-sig	14/03/2008	14/03/2008	100%		CP-060674				
435	340027	Deleted - User and Control plane protocols	Rel-8	C4	No	SAES-St3-prot	21/09/2007	21/09/2007	100%		CP-060676				
436	340037	Deleted - Architecture enhancements for non-3GPP accesses	Rel-8	S2	No	SAES-non_3GPP	04/09/2007	04/09/2007	100%	23.402	SP-060926	Motorola			
437	320030	Deleted - Stage 2 of architecture for the 3GPP System Architec	Rel-8	S2	No	SAES-St2	02/10/2007	02/10/2007	100%	23.002, 23.060, 23.1	SP-060926	Vodafone			
438	350023	Deleted - SA aspects of System Architecture Evolution	Rel-8	S2	No	SAES-SA	12/04/2006	01/10/2007	100%	-					
439	450022	Conformance Test Aspects – Mobility manage	Rel-8	R5	No	DSMPv6_UECor	18/09/2009	18/06/2010	20%	36.508, 36.523-1, 36	RP-090754	Qualcomm Europe			
440	370025	IMS Centralized Service Control (ICSRA)	Rel-8	C1,C3,C4	No	ICSRA	03/09/2007	06/03/2009	100%	-	SP-070924	AT&T			
441	380039	Stage 1 for ICSRA	Rel-8	S1	No	ICSRA	03/09/2007	12/03/2008	100%	22.101	SP-070924	AT&T			
442	380040	Stage 2 for ICSRA	Rel-8	S2	No	ICSRA-St2	14/12/2007	05/06/2008	100%	23.292, 23.206	SP-070924	Alcatel-Lucent			
443	400205	Stage 3 for ICSRA – Protocol, Addressing, Subs	Rel-8	C1,C3,C4	No	ICSRA	30/05/2008	06/03/2009	100%		CP-090881	Ericsson			
444	400005	CT1 aspects - Stage 3 for ICSRA	Rel-8	C1	No	ICSRA	30/05/2008	06/03/2009	100%	24.229, new (24.292	CP-090881	Ericsson			
445	400006	CT3 aspects - Stage 3 for ICSRA	Rel-8	C3	No	ICSRA	30/05/2008	06/03/2009	100%	new 29.292	CP-090881	Mavenir			
446	400007	CT4 aspects - Stage 3 for ICSRA	Rel-8	C4	No	ICSRA	30/05/2008	05/12/2008	100%	23.003, 29.232, 23.0	CP-090881	Ericsson			
447	400105	Deleted - Stage 3 for ICSRA – I1 interface	Rel-8	C1	No	ICSRA	30/05/2008	12/09/2008	100%	24.293	CP-080492	Huawei			
448	370059	IMS Multimedia Telephony and Supplementar	Rel-8	C1,C3,C4	No	IMSTSS	02/05/2007	12/03/2009	100%	-	not applicable				
449	370060	General aspects of IMS Sup Services	Rel-8	C1,C3,C4	No	IMSSS-Gal	03/09/2007	06/03/2009	100%		SP-070691	Ericsson			
450	370023	Service and Capability for Core IMS - inclusion of TISpan	Rel-8	S1	No	TISCAPR8	03/09/2007	14/12/2007	100%	22.228, 22.115, 22.1	SP-070691	Ericsson			
451	380001	Documentation of TISpan R1 and R2 in CT1	Rel-8	C1	No	REDOC_TIS-C1	28/11/2007	12/09/2008	100%	24.141, 24.147, 24.1	CP-080213	Siemens Networks			
452	380002	Documentation of TISpan R1 and R2 in CT3	Rel-8	C3	No	REDOC_TIS-C3	28/11/2007	06/03/2009	100%	29.162, 29.163, 29.6	CP-080213	Siemens Networks			
453	380003	Documentation of TISpan R1 and R2 in CT4	Rel-8	C4	No	REDOC_TIS-C4	28/11/2007	12/09/2008	100%	29.228, 29.229	CP-080213	Siemens Networks			
454	370062	IMS Multimedia Telephony Service	Rel-8	S1,S5	No	IMS-MMTel	10/09/2007	12/03/2009	100%		not applicable				
455	370024	Merging TISpan MMTel [requirements] for Common IMS	Rel-8	S1	No	TMMTEL	10/09/2007	07/12/2007	100%	22.173	SP-070569	Siemens Networks			
456	380041	Multimedia Telephony Service and Supplementary Service	Rel-8	S5	No	MMTel-CH	07/01/2008	12/03/2009	100%	32.275, 32.298/299	SP-080848	Alcatel-Lucent			
457	380006	Call Completion on Busy Subscriber (CCBS)/Ca	Rel-8	C1,C3	No	CCBS_CCNR	02/05/2007	06/03/2009	100%		CP-080215	Deutsche Telekom			
458	380007	Stage 3 CCBS_CCNR	Rel-8	C1	No	CCBS_CCNR	02/05/2007	06/03/2009	100%	24.642, 24.229, 24.1	CP-080215	Deutsche Telekom			
459	380008	Stage 3 CCBS_CCNR	Rel-8	C3	No	CCBS_CCNR	02/05/2007	05/12/2008	100%	29.163	CP-080215	Deutsche Telekom			
460	390058	Flexible Alerting	Rel-8	S1,C1	No	FA	30/01/2008	06/03/2009	100%	-	CP-080219	Nortel			
461	390059	Stage 1 FA	Rel-8	S1	No	FA	30/01/2008	05/06/2008	100%	22.173		Telecom Italia			
462	390015	Stage 3 FA	Rel-8	C1	No	FA	30/01/2008	06/03/2009	100%	24.239, 24.173	CP-080219	Nortel			
463	380009	Communication Wait on IMS	Rel-8	C1,C3	No	CW_IMS	30/11/2007	06/03/2009	100%		CP-080214	Deutsche Telekom			
464	380010	Stage 3 CW-IMS	Rel-8	C1	No	CW_IMS	30/11/2007	06/03/2009	100%	24.615, 24.229, 24.1	CP-080214	Deutsche Telekom			
465	380011	Stage 3 CW-IMS	Rel-8	C3	No	CW_IMS	30/11/2007	04/12/2008	100%	29.163	CP-080214	Deutsche Telekom			
466	380042	Advice of Charge (AoC) support in IMS Charging	Rel-8	S5	No	IMSTSS	07/01/2008	12/03/2009	100%	32.280, 32.240/260/	SP-070739	Siemens Networks			
467	370003	Add Interconnection Border Control Function (IB	Rel-8	S5	No	IMSTSS	17/09/2007	12/03/2008	100%	32.260, 32.298	SP-070621	Alcatel-Lucent			
468	390035	3GPP2 Input to Common IMS	Rel-8	C1,C3,C4	No	CIMS_3GPP2	07/03/2008	11/12/2008	100%	-	SP-080220	Nortel			
469	390050	Stage 1 CIMS_3GPP2 (SA1)	Rel-8	S1	No	CIMS_3GPP2	12/03/2008	05/06/2008	100%	22.228, 22.173, 22.1	SP-080220	Nortel			
470	390051	Stage 2 CIMS_3GPP2 (SA2)	Rel-8	S2	No	IMS_Common	12/03/2008	05/06/2008	100%	23.002, 23.141, 23.2	SP-080220	Nortel			
471	390052	Security CIMS_3GPP2 (SA3)	Rel-8	S3	No	IMS_Common	12/03/2008	11/12/2008	100%	33.141, 33.203, 33.2	SP-080220	Nortel			
472	390013	Stage 3 CIMS_3GPP2 (CT1)	Rel-8	C1	No	REDOC_3GPP2	07/03/2008	05/12/2008	100%	23.218, 24.141, 24.1	CP-080795	Alcatel-Lucent			
473	390026	Stage 3 CIMS_3GPP2 (CT3)	Rel-8	C3	No	REDOC_3GPP2	07/03/2008	05/12/2008	100%	29.163, 29.212, 29.2	CP-080795	Alcatel-Lucent			
474	390027	Stage 3 CIMS_3GPP2 (CT4)	Rel-8	C4	No	REDOC_3GPP2	07/03/2008	11/12/2008	100%	29.228, 29.229, 29.3	CP-080795	Alcatel-Lucent			
475	350005	IMS Enhancements for support of Packet Cab	Rel-8	C1,C3,C4	No	PktCbl	06/12/2006	30/05/2008	100%	-	not applicable	Cablelabs			
476	350008	IMS Enhancements for Cable Client Types and C	Rel-8	S2,C1	No	PktCbl-Deploy	05/02/2007	30/05/2008	100%		SP-070105	Cablelabs			

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477	350009	Architecture aspects of PktCbl-Deploy	Rel-8	S2	No	PktCbl-Deploy	05/02/2007	06/12/2007	100%	23.228	SP-070105	Cablelabs			
478	350010	CT1 aspects of PktCbl-Deploy	Rel-8	C1	No	PktCbl-Deploy	26/03/2007	30/05/2008	100%		CP-070122	Cablelabs			
479	350011	IMS Inter-working aspects in Support of Cable R	Rel-8	S2,C1,C3	No	PktCbl-Intw	05/02/2007	14/03/2008	100%		SP-070107	Cablelabs			
480	350012	Architecture PktCbl-Interwork	Rel-8	S2	No	PktCbl-Intw	05/02/2007	14/09/2007	100%	23.228	SP-070107	Cablelabs			
481	350013	CT1,CT3 PktCbl-Interwork	Rel-8	C1,C3	No	PktCbl-Intw	26/03/2007	14/03/2008	100%	24.229	CP-070575	Cablelabs			
482	340008	IMS Enhancements for Security Requirements in	Rel-8	S1,C3,C4	No	PktCbl-Sec	06/12/2006	30/05/2008	100%		SP-060933	Cablelabs			
483	350033	SA3 Aspects of PktCbl-Sec	Rel-8	S3	No	PktCbl-Sec	06/12/2006	12/03/2008	100%	33.203, 33.210, 33.2	SP-060933	Cablelabs			
484	350006	CT1 Aspects of PktCbl-Sec	Rel-8	C1	No	PktCbl-Sec	26/03/2007	30/05/2008	100%	24.229	CP-070124	Cablelabs			
485	380029	CT3 Aspects of PktCbl-Sec	Rel-8	C3	No	PktCbl-Intw	26/03/2007	30/11/2007	100%	29.163	CP-070124	Cablelabs			
486	350007	CT4 Aspects of PktCbl-Sec	Rel-8	C4	No	PktCbl-Sec	26/03/2007	14/03/2008	100%	29.228, 29.229, 23.0	CP-070124	Cablelabs			
487	360012	IMS System enhancements for corporate netw	Rel-8	S1,C1,C4	No	IMS_Corp	22/06/2007	04/12/2009	99%	-	SP-080095	Orange			
488	390049	SA1 aspects of IMS_Corp	Rel-8	S1	No	IMS_Corp	12/03/2008	05/06/2008	100%		SP-080095	Telecom Italia			
489	360014	SA2 aspects of IMS_Corp	Rel-8	S2	No	IMS_Corp	22/06/2007	18/09/2008	100%	23.228	SP-080095	Orange			
490	390022	CT1 aspects of IMS_Corp	Rel-8	C1	No	IMS_Corp	07/03/2008	04/12/2009	98%	24.229, 24.503	CP-080220	Alcatel-Lucent			
491	390023	CT4 aspects of IMS_Corp	Rel-8	C4	No	IMS_Corp	26/02/2008	05/12/2008	100%	29.228, 29.229, 23.0	CP-080220	Alcatel-Lucent			
492	380069	Maintenance of TISPAN documentation		S1,C3,C4	No	MAINTISP	02/07/2007	05/06/2008	100%	-	Not applicable				
493	380004	Maintenance of TISPAN R1	Rel-7	S1,C3,C4	No	MAINT_R1	09/11/2007	07/03/2008	100%	24.404, 24.405, 24.4	CP-080211	Alcatel-Lucent			
494	380005	Maintenance of TISPAN R2	Rel-8	S1,C3,C4	No	MAINT_R2	09/11/2007	07/03/2008	100%	24.406, 24.407, 24.4	CP-080229	Alcatel-Lucent			
495	380043	Documentation of TISPAN NGN R1 and R2 in 3G	Rel-8	S2	No	IMS_Comm_Doc	14/01/2008	05/06/2008	100%	23.228, 23.204, 23.1	SP-070823	Siemens Networks			
496	380072	Maintenance of TISPAN release 1 common IMS	Rel-7	S2,S1	No	IMS_Comm_Mtce	02/07/2007	06/12/2007	100%	22.273, 22.401, 23.4	SP-080501	BT, Ericsson			
497	380044	Maintenance of TISPAN release 2 common IMS	Rel-8	S2	No	IMS_Comm_Mtce	02/07/2007	06/12/2007	100%	23.506, 23.507, 23.5	SP-070916	Telecom Italia			
498	390056	IMS Service Continuity	Rel-8	S2,S1,C1	No	IMS-Cont	12/03/2008	29/05/2009	100%	-	SP-080092	LG Electronics			
499	390072	Stage 1 IMS Service Continuity	Rel-8	S1	No	IMS-Cont	12/03/2008	05/06/2008	100%		SP-080092	LG Electronics			
500	390057	Stage 2 IMS Service Continuity	Rel-8	S2	No	IMS-Cont	12/03/2008	05/06/2008	100%	23.237, 23.292	SP-080092	LG Electronics			
501	400011	Stage 3 IMS Service Continuity	Rel-8	C1	No	IMS-Cont	30/05/2008	29/05/2009	100%	24.237, 24.229, 24.2	CP-080491	Huawei			
502	370078	Security Enhancements for IMS	Rel-8	S3,C1,C4	No	IMS-Sec	19/09/2006	06/03/2009	100%	-	SP-070496	Ericsson			
503	360017	Stage 2 for IMS-Sec	Rel-8	S3	No	IMS-Sec	01/03/2007	11/12/2008	100%	33.203, 33.141, 33.9	SP-070496	Ericsson			
504	390054	CT1 part of Stage 3 for IMS-Sec	Rel-8	C1	No	IMS-Sec	19/09/2006	05/12/2008	100%	-		Ericsson			
505	390154	CT4 part of Stage 3 for IMS-Sec	Rel-8	C4	No	IMS-Sec	07/06/2007	06/03/2009	100%	-		Ericsson			
506	380012	CT1 part of NASS Bundled Authentication	Rel-8	C1	No	NBA	14/11/2007	06/03/2009	100%	24.229	CP-070781	Alcatel-Lucent			
507	380013	CT4 part of NASS Bundled Authentication	Rel-8	C4	No	NBA-CT4	14/11/2007	30/05/2008	100%	29.229, 29.228, 23.0	CP-070781	Alcatel-Lucent			
508	34046	IMS initiated and controlled PSS and MBMS U	Rel-8	S4,S3	No	IMS_PSS_MBMS	12/03/2008	12/03/2009	100%	26.237, 26.234, 26.3	SP-080201	FT, Ericsson			
509	713024	Multimedia interworking between IMS and CS	Rel-8	C3,C4	No	MIW-IMS	23/09/2005	05/12/2008	100%	-	CP-070729	Vodafone			
510	7013	Note: Stages 1 and 2 defined in earlier Release	Rel-8	S2	No	MIW-IMS	23/09/2005	30/11/2005	100%	-		Vodafone			
511	7014	Stage 3 of MW-IMS	Rel-8	C3	No	MIW-IMS-St3	23/09/2005	30/11/2007	100%	29.863, 29.163	CP-070096	Vodafone			
512	380021	Stage 3 for MW-IMS, MONA extension	Rel-8	C3	No	MIW-IMS	05/11/2007	05/12/2008	100%	29.863, 29.163	CP-070729	Vodafone			
513	380022	Mn interface (MGCF – IM GW)	Rel-8	C4	No	MIW-IMS	21/11/2007	05/12/2008	100%	29.332	CP-070729	Vodafone			
514	360029	IMS Stage 3 IETF Protocol Alignment	Rel-8	C1	No	IMSProtoc2	22/06/2007	06/03/2009	100%	23.218, 24.229, 24.9	CP-080794	Alcatel-Lucent			
515	380014	Interworking between User-to-User Signalling	Rel-8	C1,C3	No	UUSIW	30/11/2007	12/03/2009	100%	-	CP-070782	Huawei			
516	380015	Stage 3 MGCF UUSIW	Rel-8	C1	No	UUSIW	30/11/2007	05/12/2008	100%	24.279, 24.229	CP-070782	Huawei			
517	380016	Stage 3 MGCF UUSIW	Rel-8	C3	No	UUSIW	30/11/2007	12/03/2009	100%	29.163	CP-070782	Huawei			
518	380018	Support of Overlap signalling	Rel-8	S3,C1,C4	No	Overlap	30/11/2007	06/03/2009	100%	-	CP-070731	Deutsche Telekom			
519	380019	Stage 3 Overlap (CT1)	Rel-8	C1	No	Overlap	30/11/2007	06/03/2009	100%	24.229	CP-070731	Deutsche Telekom			

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520	380020	Stage 3 Overlap (CT3)	Rel-8	C3	No	Overlap	30/11/2007	06/03/2009	100%	29.163	CP-070731	Deutsche Telekom			
521	380120	Stage 3 Overlap (CT4)	Rel-8	C4	No	Overlap	30/11/2007	05/12/2008	100%	29.228, 29.229	CP-070731	Deutsche Telekom			
522	380035	AS/MRFC Stage 2 and 3	Rel-8	C1	No	MRFC_TS	14/11/2007	05/12/2008	100%	23.218, 24.229, 24.1	CP-070784	HP			
523	400012	IMS Restoration Procedures	Rel-8	C4,C1	No	IMS_RP	30/05/2008	06/03/2009	100%	-	CP-080447	Ericsson			
524	400026	IMS Restoration Procedures	Rel-8	C4	No	IMS_RP	30/05/2008	06/03/2009	100%	23.380, 29.228, 29.2	CP-080447	Ericsson			
525	400027	IMS Restoration Procedures	Rel-8	C1	No	IMS_RP	30/05/2008	06/03/2009	100%	24.229	CP-080447	Ericsson			
526	410003	IMS Application Server Service Data Descripti	Rel-8	C4	No	IMS_ASIO	12/09/2008	06/03/2009	100%	29.328, 29.329, 29.3	CP-080451	Alcatel-Lucent			
527	340030	I-WLAN Network Selection Principle (NSP)	Rel-8	S1,C1,C6	No	IWLANNSP	14/06/2007	06/03/2009	100%	-	SP-060932	Telefonica O2			
528	390024	Stage 1 for I-WLAN NSP	Rel-8	S1	No	IWLANNSP	14/06/2007	14/06/2007	100%	22.234	SP-060932	Telefonica O2			
529	390025	Stage 3 for I-WLAN NSP	Rel-8	C1	No	IWLANNSP	07/03/2008	06/03/2009	100%	24.234	CP-080217	RIM			
530	390125	Stage 3 for I-WLAN NSP	Rel-8	C6	No	IWLANNSP	07/03/2008	11/12/2008	100%	31.102, 31.111	CP-080217	RIM			
531	370049	Mobility between 3GPP-WLAN Interworking ar	Rel-8	S2,C1	No	IWLAN_Mob	14/09/2007	06/03/2009	100%	-	SP-070701	Orange			
532	380045	Stage 2: I-WLAN Mobility	Rel-8	S2	No	IWLAN_Mob	14/09/2007	05/06/2008	100%	23.327	SP-070701	Orange			
533	400013	CT1 aspects of I-WLAN Mobility	Rel-8	C1	No	IWLAN_Mob	30/05/2008	06/03/2009	100%	24.327, 24.303	CP-080320	Orange			
534	7042	Enhancements for VGCS Applications (EVA)	Rel-8	S1,C4,G2	No	EVA	15/03/2006	18/09/2009	100%	-	SP-070904	Nortel			
535	320021	SA1 aspects of EVA	Rel-8	S1	No	EVA	15/03/2006	06/12/2006	100%	42.068	SP-070904	Nortel			
536	370019	VGCS/VBS and GPRS Interactions	Rel-8	S1	No	EVA	03/09/2007	21/03/2008	100%	42.068, 42.069	SP-070653	Huawei			
537	320019	CT1 aspects of EVA	Rel-8	C1	No	EVA	02/06/2006	18/09/2009	100%	43.068, 44.068	CP-060260	Nortel			
538	320020	CT4 aspects of EVA	Rel-8	C4	No	EVA	02/06/2006	30/11/2007	100%	29.002	CP-060260	Nortel			
539	52148	GERAN2 aspects of EVA	Rel-8	G2	No	EVA	30/06/2006	22/02/2008	100%	44.018, 48.008	GP-071855	Nortel			
540	31081	Personal Network Management	Rel-8	S1,C1,S3	No	PNM	11/07/2005	06/03/2009	100%	-	SP-080327	Vodafone			
541	7012	Stage 1 for PNM	Rel-8	S1	No	PNM	11/07/2005	31/07/2006	100%	22.259	SP-080327	Vodafone			
542	350050	Stage 2 for PNM	Rel-8	C1	No	PNM	26/03/2007	05/12/2008	100%	23.259	CP-080065	Vodafone			
543	350041	Stage 3 for PNM	Rel-8	C1,C4	No	PNM	26/03/2007	06/03/2009	100%	-	CP-080065	Vodafone			
544	350001	CT1 aspects of Stage 3 PNM	Rel-8	C1	No	PNM	26/03/2007	06/03/2009	100%	24.259, 24.229	CP-080065	Vodafone			
545	350002	CT4 aspects of Stage 3 PNM	Rel-8	C4	No	PNM	26/03/2007	05/12/2008	100%	-	CP-080065	Vodafone			
546	340010	Key establishment between a UICC hosting devi	Rel-8	S3	No	PNM	06/12/2006	30/10/2007	100%	33.259	SP-060839	Ericsson			
547	350049	Deleted - Actual Requirements of PNM	Rel-8	C1	No	PNM	26/03/2007	26/03/2007	100%	-		Ericsson			
548	330005	eCall Data Transfer	Rel-8	S1,C1	No	EData	28/09/2006	06/03/2009	100%	-	SP-060678	Airbiquity			
549	370081	eData Requirements	Rel-8	S1	No	EData	28/09/2006	12/03/2008	100%	22.101, 22.105	SP-060678	Airbiquity			
550	400014	Transfer of data during an emergency call	Rel-8	C1	No	EData	30/05/2008	06/03/2009	100%	24.008	CP-080316	T-Mobile			
551	34042	eCall data transfer Phase 2: Comparison of all	Rel-8	S4	No	eCall_Phase2	06/12/2007	24/09/2009	100%	26.267, 26.268, 26.2	SP-070756	Airbiquity			
552	450001	eCall Conformance Testing	Rel-8	G3new	No	eCall_MSTest	04/09/2009	14/05/2010	45%	51.010-1, 51.010-2	GP-091098	Qualcomm Europe			
553	450023	Conformance Test Aspects - non-modem proce	Rel-8	R5	No	UMTS_eCall_UEI	18/09/2009	12/03/2010	15%	34.108, 34.123-1, 34	RP-090952	Qualcomm Europe			
554	380060	IP Interconnection of Services	Rel-8	S2,S5,C3	No	IPinterc	16/08/2006	06/03/2009	100%	-	SP-080565	Telefonica O2			
555	380061	Stage 1 for IPinterc	Rel-8	S1	No	IPinterc	06/12/2007	12/03/2008	100%	22.101, 22.228	SP-080565	Telefonica O2			
556	7005	System enhancements for interconnection inter	Rel-8	S2,S5,C3	No	IMS_NNI	16/08/2006	06/03/2009	100%	-	SP-080554	Telecom Italia			
557	360024	Stage 2 for IMS_NNI	Rel-8	S2	No	IMS_NNI	22/06/2007	06/12/2007	100%	23.002, 23.228	SP-080554	Telecom Italia			
558	360011	IMS inter-operator service interconnection ir	Rel-8	C3	No	FBI2-IOPSI	01/06/2007	06/03/2009	100%	29.865, 29.165	CP-080578	Telecom Italia			
559	330011	Charging harmonization for NGN between 3G	Rel-8	S5	No	FBI2-TISP2-CH	28/09/2006	07/12/2006	100%	32.297	SP-060545	Amdocs			
560	7007	Deleted - Protocol impact of FBI for TISPAN R2	Rel-8	C1	No	FBI2-TISP2-c1	16/08/2006	15/03/2007	100%	-		Ericsson			
561	7006	Deleted (never approved) - Stage 2 of FBI for TISPAN R2	Rel-8	S2	No	FBI2-TISP2-s2	30/11/2007	30/11/2007	100%	-		Siemens Networks			
562	360025	Support of (G)MSC-S – (G)MSC-S Nc Interface	Rel-8	C4,C3	No	SIP_Nc	14/09/2007	06/03/2009	100%	-	CP-080282	Vodafone			

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563	410002	Stage 1 for SIP_Nc (covered by Feature IPinterc)	Rel-8	S1	No	IPinterc	06/12/2007	12/03/2008	100%	22.101, 22.228	SP-070871	Telefonica O2			
564	360026	SIP-I based circuit-switched core network; Stage 1	Rel-8	C4	No	SIP_Nc-St2	14/09/2007	05/12/2008	100%	23.231, 23.153, 23.2	CP-080282	Vodafone			
565	360027	Application of SIP-I Protocols to Circuit Switched	Rel-8	C4	No	SIP_Nc-St3	14/09/2007	05/12/2008	100%	29.231, 29.232, 29.3	CP-080282	Vodafone			
566	360028	Interworking between the 3GPP CS domain with	Rel-8	C3	No	SIP_Nc	14/09/2007	06/03/2009	100%	29.235, 23.172, 23.2	CP-080282	Siemens Networks			
567	370051	Earthquake and Tsunami Warning System	Rel-8	S2,CP,G2	No	ETWS	10/09/2007	15/05/2009	100%	-	SP-070815	NTT DoCoMo			
568	370052	Stage 1 for ETWS	Rel-8	S1	No	ETWS	10/09/2007	12/03/2008	100%	22.168	SP-070815	NTT DoCoMo			
569	380056	SA2 aspects of ETWS	Rel-8	S2	No	ETWS	14/01/2008	18/09/2008	100%	23.828, 23.401	SP-070815	NTT DoCoMo			
570	400015	CT1 aspects of ETWS	Rel-8	C1	No	ETWS	30/05/2008	05/12/2008	100%	23.041	CP-080951	NTT DoCoMo			
571	410021	CT4 aspects of ETWS	Rel-8	C4	No	ETWS	26/09/2008	05/12/2008	100%	29.168	CP-080951	NTT DoCoMo			
572	430045	ETWS primary notification message definition in	Rel-8	G2	No	ETWS	12/03/2009	15/05/2009	100%	44.018, 44.060	SP-090154	Ericsson			
573	440011	Conformance Test Aspects – UMTS Earthquake and Tsunami Warning System	Rel-8	R5	No	ETWS_UMTS_UI	29/05/2009	12/03/2010	8%	34.108, 34.123-1, 34	RP-090467	NTT DoCoMo			
574	380059	In Case of Emergency numbers storage and e	Rel-8	S1,C6	No	ICE	13/03/2007	06/03/2009	100%	-	SP-070944	Vodafone			
575	380159	Stage 1 for ICE	Rel-8	S1	No	ICE	13/03/2007	12/03/2008	100%	22.030, 22.101	SP-070944	Vodafone			
576	380259	CT6 aspects of ICE	Rel-8	C6	No	ICE	13/03/2007	06/03/2009	100%	31.102	SP-070944	Vodafone			
577	330006	Local Charging Zone Requirements	Rel-8	S1	No	LCZR	28/09/2006	12/03/2008	100%	22.115	SP-060482	China Mobile			
578	340029	Customized Alerting Tone (CAT) Service	Rel-8	S1,C3,C4	No	CAT	06/12/2006	18/09/2009	100%	-	SP-070122	China Mobile			
579	370028	Stage 1 for CAT	Rel-8	S1	No	CAT	06/12/2006	20/09/2007	100%	22.182	SP-070122	China Mobile			
580	370029	TISPAN requirements for customized multimedia	Rel-8	S1	No	TISCM	03/09/2007	10/12/2007	100%	22.182	SP-070880	China Mobile			
581	390014	IMS CAT Supplementary Service	Rel-8	C1	No	CAT-SS	21/04/2008	04/12/2008	100%	24.182	CP-080496	Nortel			
582	390071	CAT solution for voice and video call in CS domain	Rel-8	C3	No	CAT-SS	12/03/2008	18/09/2009	100%	29.163	CP-080496	Nortel			
583	410010	CAT Service in 3GPP CS domain	Rel-8	C4	No	CAT-3G_CS	12/09/2008	06/03/2009	100%	23.205, 23.231, 29.0	CP-080445	China Mobile			
584	410015	CAT Service in 3GPP CS domain	Rel-8	C1	No	CAT-3G_CS	12/09/2008	05/12/2008	100%	24.008, 23.014	CP-080445	China Mobile			
585	340031	Service-Level Interworking for Messaging Service	Rel-8	S2,C3,C1	No	MESSIW	26/03/2007	06/03/2009	100%	-	SP-070816	Huawei			
586	350047	Stage 1 for MESSIW	Rel-8	S1	No	MESSIW	26/03/2007	26/03/2007	100%	22.105, 22.340	SP-070816	Huawei			
587	350048	Stage 2 for MESSIW	Rel-8	S2	No	MESSIW	26/04/2007	07/03/2008	100%	23.811, 23.204	SP-070816	Huawei			
588	400016	Stage 3 for MESSIW	Rel-8	C3	No	MESSIW	30/05/2008	06/03/2009	100%	29.311	CP-080773	Huawei			
589	400017	Stage 3 for MESSIW	Rel-8	C1	No	MESSIW	30/05/2008	05/12/2008	100%	24.229	CP-080773	Huawei			
590	340044	Multimedia Priority Service	Rel-8	S1,C3,C4	No	PRIOR	08/06/2006	18/09/2009	100%	-	SP-060780	Telcordia			
591	320023	Service Requirements for PRIOR	Rel-8	S1	No	PRIOR-EMR	08/06/2006	06/12/2007	100%	22.153	SP-060780	Telcordia			
592	340012	Stage 3 for PRIOR	Rel-8	C1	No	PRIOR	01/12/2006	18/09/2009	100%	24.229	CP-070576	Alcatel-Lucent			
593	370020	Deleted - Stage 3 for PRIOR	Rel-8	C3	No	PRIOR	21/09/2007	29/05/2009	100%	29.212, 29.213, 29.2	CP-070576	Alcatel-Lucent			
594	370021	Stage 3 for PRIOR	Rel-8	C4	No	PRIOR	21/09/2007	06/03/2009	100%	23.008, 29.228, 29.2	CP-070576	Alcatel-Lucent			
595	360010	OSA Rel-8	Rel-8	S1,C5	No	OSA8	23/08/2007	30/05/2008	100%	-	SP-070692	Orange			
596	360004	OSA Stage 1 - Service Requirements	Rel-8	S1	No	OSA8	23/08/2007	12/03/2008	100%	22.127		Orange, AePONA			
597	370034	OSA Stage 1 - NGN Service Requirement	Rel-8	S1	No	OSA8-IMS	03/09/2007	14/03/2008	100%	22.127	SP-070692	Orange			
598	360005	OSA Stage 2/3 enhancements	Rel-8	C5	No	OSA8	25/10/2007	30/05/2008	100%	23.198, 29.198, 29.1	CP-080429	Alcatel-Lucent			
599	370012	Delete - Ensure Parlay-X composable with identity management	Rel-8	C5	No	OSA8	25/10/2007	30/05/2008	100%	existing 29.199-xy	CP-080429	Telecom Italia			
600	370013	Parlay-X Content Management web service (store/manage)	Rel-8	C5	No	OSA8	25/10/2007	30/05/2008	100%	29.199-21	CP-080429	Alcatel-Lucent			
601	370014	Parlay-X Policy web service	Rel-8	C5	No	OSA8	25/10/2007	30/05/2008	100%	29.199-22	CP-080429	Alcatel-Lucent			
602	370015	Parlay-X Terminal status web service	Rel-8	C5	No	OSA8	25/10/2007	30/05/2008	100%	29.199-08	CP-080429	Alcatel-Lucent			
603	370016	Delete - Identify communication format used by a particular	Rel-8	C5	No	OSA8	25/10/2007	30/05/2008	100%	existing 29.199-xy	CP-080429	Ericsson			
604	380047	Delete - Security on User Profile Management - reuse GUI	Rel-8	C5	No	OSA8	05/12/2007	30/05/2008	100%	PXWS Framework	CP-080429	Telecom Italia			
605	380048	Delete - Privacy on Subscriber Identity (Liberty Alliance, O	Rel-8	C5	No	OSA8	05/12/2007	30/05/2008	100%	PXWS Framework	CP-080429	Telecom Italia			

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606	380049	Delete - Topology Hiding (22.127 CR 0086 S1-071838)	Rel-8	C5	No	OSA8	05/12/2007	30/05/2008	100%	PXWS Framework	CP-080429	Telecom Italia			
607	380050	Delete - Subscriber event notification (22.127 CR 0087 S1-071839)	Rel-8	C5	No	OSA8	05/12/2007	30/05/2008	100%	PXWS Framework	CP-080429	Telecom Italia			
608	380051	Delete - Event notification (22.127 CR 0088 S1-071762)	Rel-8	C5	No	OSA8	05/12/2007	30/05/2008	100%	PXWS Framework	CP-080429	Telecom Italia			
609	380052	Delete - Access policy (22.127 CR 0089 S1-071763)	Rel-8	C5	No	OSA8	05/12/2007	30/05/2008	100%	PXWS Framework	CP-080429	Telecom Italia			
610	380053	Delete - API usage accounting (22.127 CR 0090 S1-071764)	Rel-8	C5	No	OSA8	05/12/2007	30/05/2008	100%	PXWS Framework	CP-080429	Telecom Italia			
611	380054	Presence alignment with OMA and IETF (22.127 CR 0092 S1-071837)	Rel-8	C5	No	OSA8	05/12/2007	30/05/2008	100%	29.199-14/13	CP-080429	Alcatel-Lucent			
612	380055	Delete - Service identification (22.127 CR 0095 S1-071837)	Rel-8	C5	No	OSA8	05/12/2007	30/05/2008	100%	existing 29.199-xy	CP-080429	Ericsson			
613	390067	Framework Enterprise Operator (Service Subscription func	Rel-8	C5	No	OSA8	10/01/2008	30/05/2008	100%	29.198-03	CP-080429	Alcatel-Lucent			
614	390068	Mobility Emergency Location	Rel-8	C5	No	OSA8	10/01/2008	30/05/2008	100%	29.198-06	CP-080429	Alcatel-Lucent			
615	390069	Connectivity Manager SCF	Rel-8	C5	No	OSA8	10/01/2008	30/05/2008	100%	29.198-10	CP-080429	Alcatel-Lucent			
616	390070	PAM Presence Agent	Rel-8	C5	No	OSA8	10/01/2008	30/05/2008	100%	29.198-14	CP-080429	Alcatel-Lucent			
617	360032	Paging Permission with Access Control (PPACR)	Rel-8	S1,C1	No	PPACR	12/06/2007	05/12/2008	100%	-	SP-070501	NTT DoCoMo			
618	370084	Stage 1 for PPACR	Rel-8	S1	No	PPACR-S1	12/06/2007	14/09/2007	100%	22.011	SP-070501	NTT DoCoMo			
619	380017	Stage 3 for PPACR (CT1)	Rel-8	C1	No	PPACR-CT1	14/11/2007	05/12/2008	100%	24.008, 23.122, 24.3	CP-070783	NTT DoCoMo			
620	380063	Charging for multi-phases services	Rel-8	S1	No	CHRGMPH	06/12/2007	12/03/2008	100%	22.115	SP-080053	Telecom Italia			
621	380070	Stage 1 for CHRGMPH	Rel-8	S1	No	CHRGMPH-s1	06/12/2007	12/03/2008	100%	22.115	SP-080053	Telecom Italia			
622	380065	Home NodeB / eNodeB	Rel-8	S1,C1,C4	No	HomeNB	06/12/2007	06/03/2009	100%	-	SP-070952	Vodafone			
623	380066	Stage 1 for HNB_eHNB	Rel-8	S1	No	HomeNB-S1	06/12/2007	12/03/2008	100%	22.011, 22.115	SP-070952	Vodafone			
624	410012	CSG and Idle Mode Mobility for LTE Home eNodeB	Rel-8	C1	No	HomeNB-LTE	12/09/2008	06/03/2009	100%	23.122, 24.301, 24.3	CP-080498	Huawei			
625	410013	CSG and Idle Mode Mobility for 3G Home NodeB	Rel-8	C1	No	HomeNB-3G	12/09/2008	06/03/2009	100%	23.122, 24.008, 24.3	CP-080792	Qualcomm Europe			
626	420019	Support of Closed Subscriber Group (CSG)	Rel-8	C4	No	HomeNB	05/12/2008	06/03/2009	100%	29.002, 29.272, 23.0	non-existent	CT#42			
627	390033	UTRA HNB	Rel-8	RP,S5	No	HNB	07/03/2008	04/06/2009	100%	-	not applicable				
628	400053	Support of UTRA HNB	Rel-8	R2	No	HNB-supp	30/05/2008	06/03/2009	100%	25.304, 25.306, 25.3	RP-080752	Huawei			
629	390034	FDD Home NodeB RF requirements	Rel-8	R4	No	HNB-RF	07/03/2008	06/03/2009	100%	25.104, 25.141, 25.3	RP-080971	Motorola			
630	400054	UTRAN Architecture for 3G HNB	Rel-8	R3	No	HNB-arch	30/05/2008	05/12/2008	100%	25.401, 25.410, 25.4	RP-080487	Alcatel-Lucent			
631	420037	3G Home NodeB OAM&P Type 1 Management In	Rel-8	S5	No	HNB-3G_OAM	11/12/2008	04/06/2009	100%	32.581, 32.582, 32.5	SP-080708	Huawei			
632	430022	UTRA HNB – UE Conformance Testing	Rel-8	R5	No	HNB-UEConTest	06/03/2009	04/06/2010	60%	-	not applicable				
633	430023	Conformance Test Aspects – UTRA HNB (FDD)	Rel-8	R5	No	HNB-UEConTest	06/03/2009	04/06/2010	60%	34.108, 34.123-1, 34	RP-090023	Huawei			
634	350015	Lawful Interception in the 3GPP Rel-8	Rel-8	S3	No	LI8	12/03/2007	12/03/2009	100%	33.106, 33.107, 33.1	SP-070238	BMWl, Verizon			
635	390046	Generic Bootstrapping Architecture Push Fun	Rel-8	S3,C1,C4	No	GBAPush	12/03/2008	06/03/2009	100%	-	SP-080133	Ericsson			
636	390146	SA3 part of GBAPush (33.223)	Rel-8	S3	No	GBAPush	12/03/2008	05/12/2008	100%	33.223	SP-080133	Ericsson			
637	390246	CT1 part of GBAPush	Rel-8	C1	No	GBAPush	12/03/2008	06/03/2009	100%	24.109	CP-090112	Ericsson			
638	390346	CT4 part of GBAPush	Rel-8	C4	No	GBAPush	12/03/2008	06/03/2009	100%	29.109	CP-090112	Ericsson			
639	34045	Requirements and Test methods for Wideband	Rel-8	S4	No	RETEM_WB_T	12/03/2008	11/12/2008	100%	26.131, 26.132	SP-080004	FT, Ericsson			
640	34043	Extending PSS and MBMS User Services for c	Rel-8	S4	No	PSS_MBMS_OM	06/12/2007	11/12/2008	100%	26.234, 26.346, 26.3	SP-070757	Ericsson			
641	400028	Encoding formats, transport formats and med	Rel-8	S3,C1,C4	No	MTSI_eMHI	06/12/2007	12/03/2009	100%	-	SP-080443	Qualcomm Europe			
642	34041	MTSI Video - Dynamic Rate Adaptation/Signallin	Rel-8	S4	No	MTSI_eMHI-DRA	06/12/2007	12/03/2009	100%	26.114	SP-080246	n Europe, Samsung			
643	400018	CT3 part of Enhancement of interworking betwe	Rel-8	C3	No	MTSI_eMHI	30/05/2008	06/03/2009	100%	29.163	CP-080774	Huawei			
644	400019	CT1 part of Enhancement of interworking betwe	Rel-8	C1	No	MTSI_eMHI	30/05/2008	12/12/2008	100%		CP-080774	Huawei			
645	400020	CT4 part of Enhancement of interworking betwe	Rel-8	C4	No	MTSI_eMHI	30/05/2008	06/03/2009	100%	29.332	CP-080774	Huawei			
646	340063	OAM&P 8	Rel-8	S5,C1	No	OAM8	07/06/2007	04/12/2009	100%	-	not applicable				
647	340064	Network Infrastructure Management	Rel-8	S5	No	OAM8-NIM	07/06/2007	04/12/2009	100%		not applicable				
648	35051	Telecom Management Methodology	Rel-8	S5	No	OAM8	07/06/2007	12/03/2009	100%	32.155, 32.153	SP-070296	Ericsson			

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649	35053	Advanced Alarming on Itf-N	Rel-8	S5	No	OAM8	07/06/2007	12/06/2008	100%	32.121, 32.122, 32.1	SP-070492	Siemens Networks			
650	35056	CN CS Bearer Transport Network (BTN) relative NRM	Rel-8	S5	No	OAM8	07/06/2007	12/06/2008	100%	32.632/3/5	SP-070300	China Mobile			
651	390016	Alignment with eTOM and M.3060 architectural concepts	Rel-8	S5	No	OAM8	22/02/2008	11/12/2008	100%	32.101/2, 32-series	SP-080068	TeliaSonera			
652	400030	IRP SOAP Solution Sets	Rel-8	S5	No	OAM8	05/06/2008	12/03/2009	100%	32.111-7, 32.617, 32	SP-090148	Ericsson			
653	450052	Create missing specifications for IRP XML definitions	Rel-8	S5	No	OAM8	24/09/2009	04/12/2009	100%	new TS (32.125, 32.	SP-090553	ZTE			
654	370002	Deleted - End point modelling for reference point	Rel-8	S5	No	OAM8	17/09/2007	11/12/2008	100%	32.152, 32.62/3/4x.	SP-070618	Motorola			
655	340065	Performance Management	Rel-8	S5	No	OAM8-PM	07/06/2007	12/03/2009	100%		t applicable				
656	35061	IP bearer network Performance measurement definitions	Rel-8	S5	No	OAM8	07/06/2007	11/12/2008	100%	32.321/2/3/5	SP-070301	China Mobile			
657	360001	HSUPA performance measurements	Rel-8	S5	No	OAM8	07/06/2007	11/12/2008	100%	32.405	SP-070835	China Mobile			
658	360002	Key Performance Indicators (KPIs) for UMTS and GSM	Rel-8	S5	No	OAM8	07/06/2007	12/03/2009	100%	32.410	SP-070299	China Mobile			
659	340066	Trace Management	Rel-8	C1,C3,C4	No	OAM8-Trace	07/03/2008	05/12/2008	100%		t applicable				
660	11067	Service Level Tracing in IMS	Rel-8	C1	No	OAM8-Trace	07/03/2008	05/12/2008	100%	24.323, 24.229	CP-080315	Vodafone			
661	400021	Service Level Tracing in IMS	Rel-8	C3	No	OAM8-Trace	07/03/2008	05/12/2008	100%		CP-080315	Vodafone			
662	400022	Service Level Tracing in IMS	Rel-8	C4	No	OAM8-Trace	07/03/2008	05/12/2008	100%	29.228, 29.229	CP-080315	Vodafone			
663	350016	Charging Management small Enhancements	Rel-8	S5	No	CH8	16/03/2006	11/12/2008	100%	-	t applicable				
664	350038	Online charging correlation	Rel-8	S5	No	CH8	16/03/2006	14/12/2007	100%	32.296	SP-070077	Orange			
665	360003	SMS online charging	Rel-8	S5	No	CH8	07/06/2007	14/12/2007	100%	32.274, 32.240/299	SP-070293	Vodafone			
666	410045	Introduce Online Charging from SMS-SC into the	Rel-8	S5	No	CH8	18/09/2008	11/12/2008	100%	32.274, 32.299	SP-080463	Acision			
667	380046	Deleted - WLAN Offline Charging	Rel-8	S5	No	CH8	07/01/2008	11/12/2008	100%	32.252, 32.298, 32.2	SP-070750	Alcatel-Lucent			
668	380024	Conferencing enhancements for Mp interface	Rel-8	C4	No	eMp	30/11/2007	05/12/2008	100%	-	CP-080725	Huawei			
669	380025	Stage 2 for eMp	Rel-8	C4	No	eMp	30/11/2007	05/12/2008	100%	23.333	CP-080725	Huawei			
670	380026	Stage 3 for eMp	Rel-8	C4	No	eMp	30/11/2007	05/12/2008	100%	29.333	CP-080725	Huawei			
671	320014	Contact Manager for 3GPP UICC applications	Rel-8	C6	No	eUPHBOOK	22/06/2006	05/12/2008	100%	-	CP-080382	Gemalto			
672	320015	Requirements for Contact Manager	Rel-8	C6	No	eUPHBOOK-SI1	22/06/2006	21/12/2007	100%	21.111	CP-080382	Gemalto			
673	350046	External interface for eUPHBOOK	Rel-8	C6	No	eUPHBOOK-Ext	07/05/2007	07/03/2008	100%	31.220	CP-080382	Gemalto			
674	370004	Internal interface for eUPHBOOK	Rel-8	C6	No	eUPHBOOK-Int	07/05/2007	05/12/2008	100%	31.221	CP-080382	Gemalto			
675	320016	Deleted - Implementation of eUPHBOOK	Rel-8	C6	No	eUPHBOOK-SI2	21/06/2007	21/06/2007	100%	31.102	CP-060355	Hieseecke & Devrient			
676	400023	Contact Manager Conformance Test specifica	Rel-8	C6	No	eUPHBOOK-Tes	02/06/2008	04/12/2009	0%	-	CP-080430	Comprion, Gemalto			
677	400123	Contact Manager for 3GPP UICC applications te	Rel-8	C6	No	eUPHBOOK-Tes	02/06/2008	04/12/2009	0%	31.320 (external inte	CP-080430	Comprion			
678	400223	Contact Manager API for Java™ Card test speci	Rel-8	C6	No	eUPHBOOK-Tes	02/06/2008	04/12/2009	0%	31.321 (internal inte	CP-080430	Gemalto			
679	20068	Rel-8 LTE – 3G Long Term Evolution - Evolve	Rel-8	RP,S5	No	LTE	25/09/2006	12/03/2009	100%	36.300, 36.938	RP-071031	NTT DoCoMo			
680	330018	LTE – Physical Layer	Rel-8	R1	No	LTE-Phys	25/09/2006	07/03/2008	100%	36.201, 36.211, 36.2	RP-060630	NTT DoCoMo			
681	330019	LTE – Radio Interface Layer 2 and 3 Protocol As	Rel-8	R2	No	LTE-L23	25/09/2006	05/12/2008	100%	36.302, 36.304, 36.3	RP-060630	Siemens Networks			
682	330020	LTE – eUTRAN Interfaces	Rel-8	R3	No	LTE-interfaces	25/09/2006	05/12/2008	100%	36.401, 36.410, 36.4	RP-060630	Ericsson			
683	330021	LTE – Evolved UTRA and UTRAN RF Radio Tran	Rel-8	R4	No	LTE-RF	25/09/2006	05/12/2008	100%	36.101, 36.104, 36.1	RP-060630	Siemens Networks			
684	370046	LTE – FDD repeaters	Rel-8	R4	No	LTE-Repeater	14/09/2007	06/03/2009	100%	36.106, 36.143, 25.1	RP-070749	Andrew Wireless			
685	390001	E-UTRAN Data Definitions	Rel-8	S5	No	E-UTRAN-OAM	17/09/2007	12/03/2009	100%		t applicable				
686	370001	Subscriber and Equipment Trace for E-UTRAN and EPC	Rel-8	S5	No	E-UTRAN-OAM	17/09/2007	12/03/2009	100%	32.42x, 32.44x	SP-070617	Ericsson			
687	380036	E-UTRAN Network Resource Model (NRM) Integration Rel	Rel-8	S5	No	E-UTRAN-OAM	07/01/2008	12/03/2009	100%	32.761, 32.762, 32.7	SP-070738	Ericsson			
688	390002	Performance measurements for E-UTRAN	Rel-8	S5	No	E-UTRAN-OAM	22/02/2008	12/03/2009	100%	32.425	SP-080062	Motorola, Huawei			
689	390003	Key Performance Indicators (KPIs) for E-UTRAN	Rel-8	S5	No	E-UTRAN-OAM	22/02/2008	12/03/2009	100%	32.450, 32.451	SP-080063	Ericsson			
690	390004	Self-Organizing Networks (SON)	Rel-8	S5	No	LTE_SON-OAM	22/02/2008	11/12/2008	100%		SP-080275	Vodafone			
691	390104	SON Concepts and requirements	Rel-8	S5	No	LTE_SON-OAM	22/02/2008	11/12/2008	100%	32.500	SP-080275	Vodafone			

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692	390005	Self-Establishment of eNBs, including automated Software	Rel-8	S5	No	LTE_SON-OAM	22/02/2008	11/12/2008	100%	32.501, 32.502, 32.5	SP-080849	Siemens Networks			
693	390006	SON Automatic Neighbour Relations (ANR) List Managem	Rel-8	S5	No	LTE_SON-OAM	22/02/2008	11/12/2008	100%	32.511, 32.761, 32.7	SP-080066	Ericsson			
694	25029	Rel-8 LTE – Terminal Conformance Test Spec	Rel-8	R5	No	LTE-UEConTest	01/06/2007	04/12/2009	99%	-	t applicable				
695	25041	3G LTE – Terminal Protocol Conformance Test	Rel-8	R5	No	LTE-UEConTest	01/06/2007	04/12/2009	100%	36.521-1, 36.521-2,	RP-080647	NEC, Motorola			
696	25042	LTE – Terminal Radio Transmission and Recept	Rel-8	R5	No	LTE-UEConTest	01/06/2007	04/12/2009	100%	36.521-1, 36.521-2,	RP-080601	Agilent			
697	350040	Rel-8 Improvements of the Radio Interface	Rel-8	RP	No	RInImp8	05/03/2007	06/03/2009	100%	-	t applicable				
698	350034	UMTS 1500 MHz	Rel-8	R4	No	RInImp8-UMTS1	05/03/2007	14/09/2007	100%	25.101, 25.104, 25.1	RP-070078	NTT DoCoMo			
699	350035	UMTS 700 MHz FDD	Rel-8	R4	No	RInImp8-UMTS7	05/03/2007	30/05/2008	100%	25.101, 25.104, 25.1	RP-070127	Nokia			
700	380074	UMTS 2300 MHz TDD LCR	Rel-8	R4	No	RInImp8-UMTS2	17/12/2007	12/09/2008	100%	25.102, 25.105, 25.1	RP-071016	CATT			
701	350037	Further Improved Minimum Performance Requir	Rel-8	R4	No	RInImp8-2BIC	05/03/2007	07/03/2008	100%		RP-070254	AT&T			
702	370032	CS Voice Service over HSPA	Rel-8	R2	No	RInImp8-CsHspa	19/07/2007	07/03/2008	100%	25.323, 25.331, 25.3	RP-070823	Siemens Networks			
703	370033	Performance requirements for 15 code reception	Rel-8	R4	No	RInImp8-Hsdpa1	11/06/2007	07/03/2008	100%	25.101	RP-070824	Vodafone			
704	410018	UMTS 1880 MHz TDD	Rel-8	R4	No	RInImp9-UMTS1	12/09/2008	06/03/2009	100%	25.102, 25.105, 25.1	RP-080757	CATT			
705	350036	<i>Deleted - UMTS 2300 MHz FDD/TDD</i>	Rel-8	R4	No	RInImp8-UMTS2	05/03/2007	12/09/2008	100%	25.101, 25.104, 25.1	RP-070128	AT&T			
706	25125	Rel-8 Improvements of the Radio Interface - U	Rel-8	R5	No	RInImp-UEConT	01/06/2007	05/12/2008	100%	-	t applicable				
707	25050	Conformance Test Aspects – CS Voice Service	Rel-8	R5	No	RInImp8-CsHspa	01/06/2007	12/09/2008	100%	34.108, 34.123-1, 34	RP-080160	Huawei			
708	400055	Conformance Test Aspects – Performance requi	Rel-8	R5	No	RInImp8-UEConT	07/03/2008	05/12/2008	100%	34.121-1, 34.121-2	RP-080311	Ericsson			
709	370035	Rel-8 RAN improvements	Rel-8	RP	No	RANimp	04/06/2007	29/05/2009	100%	-	t applicable				
710	360013	Combination of 64QAM and MIMO for HSDPA (F	Rel-8	R1	No	RANimp-64Qam	04/06/2007	12/09/2008	100%	25.308, 25.211, 25.2	RP-070500	Ericsson			
711	370036	Improved L2 for uplink	Rel-8	R2	No	RANimp-UplinkL2	14/09/2007	30/05/2008	100%	25.319, 25.301, 25.3	RP-070717	Ericsson			
712	370037	Enhanced Uplink for CELL_FACH State in FDD	Rel-8	R2	No	RANimp-UplinkEr	14/09/2007	05/12/2008	100%	25.309, 25.211, 25.2	RP-070677	Siemens Networks			
713	370038	Enhanced UE DRX for FDD	Rel-8	R2	No	RANimp-DRX	14/09/2007	12/09/2008	100%	25.306, 25.308, 25.3	RP-070679	Nokia			
714	370039	Enhancements for SRNS Relocation Procedure	Rel-8	R3	No	RANimp-SrnsReli	14/09/2007	12/09/2008	100%	25.306, 25.308, 25.3	RP-070759	Siemens Networks			
715	370040	Enhancements for FDD HSPA Evolution	Rel-8	R3,R2	No	RANimp-HSPAEx	14/09/2007	05/12/2008	100%	25.401, 25.413, 25.4	RP-080830	Siemens Networks			
716	380075	64QAM for 1.28 Mcps TDD HSDPA	Rel-8	R1	No	RANimp-64Qam1	04/12/2007	05/12/2008	100%	25.102, 25.105, 25.1	RP-070924	ZTE			
717	380076	Enhanced CELL_FACH state in 1.28 Mcps TDD	Rel-8	R2	No	RANimp-EnhStat	04/12/2007	05/12/2008	100%	25.123, 25.221, 25.2	RP-071038	ZTE			
718	390028	Continuous Connectivity for packet data users f	Rel-8	R1	No	RANimp-LCRCPC	07/03/2008	29/05/2009	100%	25.929, 25.308, 25.3	RP-080085	TD Tech			
719	390029	HSPA VoIP to WCDMA/GSM CS continuity	Rel-8	R2	No	RANimp-HSPAVc	07/03/2008	06/03/2009	100%	25.331, 25.413	RP-080749	Nokia			
720	390030	HS-DSCH Serving Cell Change Enhancements	Rel-8	R2	No	RANimp-HSDSCI	07/03/2008	05/12/2008	100%	25.101, 25.104, 25.1	RP-080227	Ericsson			
721	400050	MIMO for 1.28 Mcps TDD	Rel-8	R1,R4	No	RANimp-MIMOLC	01/11/2007	06/03/2009	100%	25.201, 25.221, 25.2	RP-080485	CATT			
722	400052	Dual-Cell HSDPA operation on adjacent carriers	Rel-8	R1,R4	No	RANimp-DCHSDI	30/05/2008	11/12/2008	100%	25.101, 25.104, 25.1	RP-080490	Ericsson			
723	25126	Rel-8 RAN improvements - UE Conformance T	Rel-8	R5	No	RANimp-UECon	30/05/2008	17/09/2010	57%	-	t applicable				
724	410020	Conformance Test Aspects – Combination of 64	Rel-8	R5	No	RANimp-UEConT	12/09/2008	04/12/2009	100%	34.108, 34.121-1, 34	RP-080759	Ericsson			
725	400056	Conformance Test Aspects – Improved L2 for up	Rel-8	R5	No	RANimp-UEConT	30/05/2008	18/09/2009	100%	34.108, 34.123-1, 34	RP-080606	Ericsson			
726	400057	Conformance Test Aspects – 64QAM for 1.28 Mc	Rel-8	R5	No	RANimp-UEConT	30/05/2008	29/05/2009	100%	34.108, 34.122, 34.1	RP-080334	ZTE			
727	420015	Conformance Test Aspects – Dual-Cell HSDPA c	Rel-8	R5	No	RANimp-UEConT	05/12/2008	19/03/2010	80%	34.108, 34.121-1, 34	RP-080996	Qualcomm Europe			
728	430024	Conformance Test Aspects – Enhanced Uplink f	Rel-8	R5	No	RANimp-UEConT	06/03/2009	12/03/2010	40%	34.108, 34.121-1, 34	RP-090152	Nokia			
729	430028	Conformance Test Aspects – Receiver Type 3i	Rel-8	R5	No	RANimp-UEConT	06/03/2009	04/12/2009	100%	34.108, 34.121-1, 34	RP-090010	Qualcomm Europe			
730	440009	Conformance Test Aspects – Enhanced CELL_F	Rel-8	R5	No	RANimp-UEConT	30/05/2009	17/09/2010	25%	34.108, 34.123-1, 34	RP-090490	CATT			
731	440010	Conformance Test Aspects – 1.28 Mcps TDD Im	Rel-8	R5	No	RANimp-UEConT	29/05/2009	10/09/2010	30%	34.108, 34.123-1, 34	RP-090491	CATT			
732	450024	Conformance Test Aspects – Continuous Conne	Rel-8	R5	No	RANimp-UEConT	18/09/2009	17/09/2010	5%	34.108, 34.123-1, 34	RP-090751	ZTE			
733	450025	Conformance Test Aspects – MIMO for 1.28 Mcp	Rel-8	R5	No	RANimp-UEConT	18/09/2009	04/06/2010	5%	34.108, 34.123-1, 34	RP-090752	ZTE			
734	450026	Conformance Test Aspects – HS-DSCH Serving	Rel-8	R5	No	HSDSCH_UECor	18/09/2009	12/03/2010	5%	34.108, 34.121-1, 34	RP-090756	Qualcomm Europe			

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735	360008	3.84 Mcps TDD MBSFN Integrated Mobile Bro	Rel-8	R1	No	MBSFN-DOB	04/06/2007	05/12/2008	100%	25.102, 25.105, 25.1	RP-081124	Ericsson			
736	440008	Conformance Test Aspects – 3.84 Mcps TDD I	Rel-8	R5	No	MBSFN_IMB_UE	30/05/2009	19/03/2010	95%	34.108, 34.122, 34.1	RP-090583	IPwireless			
737	50583	GERAN support for GERAN - 3G Long Term E	Rel-8	GP	No	GELTE	08/09/2006	20/02/2009	100%	24.008, 43.055, 43.1	GP-061757	Siemens Networks			
738	50586	U-TDOA Enhancement	Rel-8	GP	No	GUTEN	18/05/2007	16/11/2007	100%	43.059, 45.008, 48.0	GP-070865	TruePosition			
739	50587	GAN Enhancements	Rel-8	GP	No	GANENH	15/05/2007	04/09/2009	100%	-	GP-071484	T-Mobile			
740	50588	Update to GAN specifications	Rel-8	GP	No	GANENH-SPEC	31/08/2007	22/02/2008	100%	43.318, 44.318	GP-071560	T-Mobile			
741	53089	Update TS 51.010 Mobile Station (MS) Conforma	Rel-8	G3new	No	GANENH-MStest	15/05/2007	04/09/2009	100%	51.010	GP-071563	T-Mobile			
742	50591	AoIP (A-interface over IP)	Rel-8	C4,C1,C3	No	AoIP	03/01/2000	11/12/2008	100%	-	GP-081361	Ericsson			
743	400041	GERAN aspects of AoIP	Rel-8	GP	No	AoIP	03/01/2000	21/11/2008	100%	48.001, 48.002, 48.0	GP-081362	Ericsson			
744	400042	Media Requirements for CS over IP based User	Rel-8	S4	No	AoIP-CSolP	05/12/2007	11/12/2008	100%	26.102, 26.103, 26.2	SP-080444	Ericsson			
745	400024	Core Network Impacts for A-Interface User Plan	Rel-8	C4	No	AoIP-CN	30/05/2008	05/12/2008	100%	23.205, 23.153, 23.2	CP-080722	Ericsson			
746	400124	Core Network Impacts for A-Interface User Plan	Rel-8	C1	No	AoIP-CN	30/05/2008	05/12/2008	100%	23.009	CP-080722	Ericsson			
747	400224	Core Network Impacts for A-Interface User Plan	Rel-8	C3	No	AoIP-CN	30/05/2008	05/12/2008	100%	29.007	CP-080722	Ericsson			
748	51147	New multicarrier BTS class	Rel-8	G1	No	MCBTS	31/08/2007	29/08/2008	100%	45.005, 45.050, 51.0	GP-071542	Alcatel-Lucent			
749	38001	Support for Additional Navigation Satellite Sy	Rel-8	S1,G2	No	ANSS	16/05/2008	11/12/2008	100%	-	GP-081784	Qualcomm Europe			
750	420038	Stage 1 for ANSS for LCS	Rel-8	S1	No	ANSS	11/12/2008	11/12/2008	100%	22.071	not applicable				
751	38101	Support for Additional Navigation Satellite Sy	Rel-8	G2	No	ANSS	16/05/2008	21/11/2008	100%	43.059, 44.031, 49.0	GP-081784	Qualcomm Europe			
752	400051	Support for Additional Navigation Satellite Sy	Rel-8	R2	No	RANimp-ANSS	30/05/2008	05/12/2008	100%	25.305, 25.306, 25.3	RP-080346	Qualcomm Europe			
753	51149	Conformance testing for the Latency Reductio	Rel-8	G3new	No	CTLATRED	22/02/2008	05/03/2010	97%	-	GP-080367	Ericsson			
754	53090	MS conformance testing for the Latency Reduct	Rel-8	G3new	No	CTLATRED-MStest	22/02/2008	05/03/2010	95%	51.010	GP-080368	Ericsson			
755	51150	BTS conformance testing for the Latency Reduc	Rel-8	G1	No	CTLATRED-BTSi	22/02/2008	20/02/2009	100%	51.021	GP-080369	Ericsson			
756	53091	MS conformance testing of changes introduce	Rel-8	G3new	No	PSHCT-MStest	22/02/2008	21/11/2008	100%	51.010	GP-080411	Rohde & Schwarz			
757	320001	(Small) Technical Enhancements and Improve	Rel-8	All	No	TEI8	01/01/2007	11/12/2008	100%	-	not applicable	ALL			
758	400025	Test - (Small) Technical Enhancements and In	Rel-8	G3new	No	TEI8_Test	07/03/2007	24/12/2010	60%	-	not applicable	ALL			
759	31067	<i>Deleted - All-IP Network</i>	Rel-8	S1	No	AIPN	28/06/2004	15/03/2006	100%	-	SP-050181	NTT DoCoMo			
760	31068	<i>Deleted - Stage 1</i>	Rel-8	S1	No	AIPN	28/06/2004	15/03/2006	100%	22.258	SP-050181	NTT DoCoMo			
761	340032	<i>Deleted - was Rel7 - LCS for 3GPP Interworking WLAN</i>	Rel-8	S2	No	LCS4_IWLAN	28/09/2007	28/09/2007	100%	23.234, 23.271, 23.2	SP-060818	LG Electronics			
762	330010	<i>Deleted - never approved- FBI Phase 2</i>	Rel-8	S2	No	FBI2	28/09/2007	28/09/2007	100%	-		Siemens Networks			
763	330007	<i>Deleted -Enhancements to BS30 Bearer service for Videotelephony</i>	Rel-8	S1	No	BS30	15/03/2007	15/03/2007	100%	22.002, 22.004, 22.0	SP-060484				
764	370055	<i>Deleted - IMS Enhancements Rel-8</i>	Rel-8	S1	No	IMS8	03/09/2007	14/12/2007	100%	-		Telecom Italia			
765	53092	<i>Deleted - MS conformance testing of Support of Conversational Ser</i>	Rel-8	G3new	No	SCSAGBCT-MStest	25/02/2008	04/09/2009	100%	51.010	GP-080330	Nokia			
766	0	Release 8 Studies	Rel-8	RP,RP,SP	No		20/03/2008	20/03/2008	0%	-					
767	7026	Study on Customised Alerting Tone (CAT) Re	Rel-8	S1	No	FS_CAT	07/10/2005	14/09/2006	100%	22.982	SP-060474	China Mobile			
768	7027	Study on Facilitating Machine to Machine Con	Rel-8	S1	No	FS_M2M	04/11/2005	08/03/2007	100%	22.868	SP-050527	Siemens			
769	31089	Study on Network Composition	Rel-8	S1	No	FS_NetComp	07/12/2005	12/12/2007	100%	22.980	SP-060478	Siemens Networks			
770	320024	Study on Requirements of IMS Multimedia Co	Rel-8	S1	No	FS_IMSconf	08/06/2006	12/09/2007	100%	22.948	SP-060479	China Mobile			
771	320025	Study on support of a Public Warning System	Rel-8	S1	No	FS_PWS	03/09/2007	14/03/2008	100%	22.968	SP-080054	T-Mobile			
772	330016	Study on Paging Permission with Access Con	Rel-8	S1	No	FS_PPAC	28/09/2006	20/09/2007	100%	22.908	SP-060785	NTT DoCoMo			
773	340033	Study on Non 3GPP access NSP	Rel-8	S1	No	FS_N3GtoNSP	06/12/2006	05/06/2008	100%	22.912	SP-080318	Telefonica O2			
774	340034	Study on Value Added Services for Short Mes	Rel-8	S1	No	FS_VAS4SMS	06/12/2006	07/12/2007	100%	22.942	SP-060786	China Mobile			
775	340035	Study on Service continuity between mobile a	Rel-8	S1	No	FS_SMLSWLAN	06/12/2006	06/12/2007	100%	22.937	SP-060936	BT			
776	370086	Study on Services Alignment and Migration	Rel-8	S1	No	FS_ServAI	06/12/2006	12/03/2008	100%	22.983	SP-070126	China Mobile			
777	32085	Study on 3GPP System Architecture Evolutio	Rel-8	S2,S3	No	FS_SAE	03/12/2004	12/03/2009	100%	-	SP-070163	Vodafone			

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778	32086	Stage 2 Interim conclusion for RAN Work to star	Rel-8	S2	No	FS_SAE	03/12/2004	18/09/2008	100%	23.882	SP-070163	Vodafone			
779	32087	Stage 2 study on 3GPP architectural developme	Rel-8	S2	No	FS_SAE	09/01/2006	18/09/2008	100%	23.882	SP-070163	Vodafone			
780	7024	Security study for Inter-access mobility between	Rel-8	S3	No	FS_SAE	03/09/2007	12/03/2009	100%	33.821, 33.822	SP-070163	Nokia			
781	320028	Study on Stage 2 aspects of IMS Service Brok	Rel-8	S2	No	FS_ISB_ST2	19/06/2006	18/09/2008	100%	23.810	SP-060443	Telcordia			
782	7049	Study on IMS utilizing multicast bearer service	Rel-8	S2	No	FS_MLTICAST-IM	22/03/2006	06/12/2007	100%	23.847	SP-060148	Siemens Networks			
783	350017	Study on Mobility between 3GPP-WLAN Interv	Rel-8	S2	No	FS_SM3GWWLAN	20/03/2007	18/09/2008	100%	23.827 withdrawn	SP-070106	Orange			
784	350051	Study on Multimedia Session Continuity	Rel-8	S2	No	FS_MMSC	26/04/2007	05/06/2008	100%	23.893	SP-070818	LG Electronics			
785	380034	Study on centralized IMS service control	Rel-8	S2,S1	No	FS_ICS	23/10/2006	12/03/2008	100%	-	SP-070494	Ericsson			
786	370087	Study on centralized IMS services requirements	Rel-8	S1	No	FS_ICS-S1	05/03/2007	12/03/2008	100%	22.892	SP-070494	Ericsson			
787	330012	Study on centralized IMS services control	Rel-8	S2	No	FS_IMS_CSC	23/10/2006	12/03/2008	100%	23.892	SP-070494	Alcatel-Lucent			
788	380078	Study on Architecture of IMS based Customiz	Rel-8	S2	No	FS_CAT-St2	04/12/2007	18/09/2008	100%	23.872	SP-070905	China Mobile			
789	380085	Study on Home (e)NodeB Security	Rel-8	S3	No	FS_HNB_Sec	20/12/2007	12/03/2009	100%	33.820	SP-070783	Huawei			
790	360015	Study on Transferring of emergency call data	Rel-8	S4	No	eCALLIBMS	07/12/2006	12/12/2007	100%	26.967	SP-060935	Airbiquity			
791	35065	Study on Element Operations Systems Functi	Rel-8	S5	No	OAM7-NIM- EOS	07/06/2007	12/06/2008	100%	32.819	SP-070307	China Mobile			
792	35074	Study on SA5 MTOSI XML Harmonization	Rel-8	S5	No	OAM8-NIM-XML	10/05/2006	12/09/2007	100%	32.818	SP-070305	Nortel			
793	320006	Study on Common Profile Storage (CPS) Frar	Rel-8	S5	No	OAM7-CPS	03/07/2006	07/06/2007	100%	32.808	SP-060263	T-Mobile			
794	340036	Study on Management for LTE and SAE	Rel-8	S5	No	FS_OAM_LTE_S	07/12/2006	11/12/2008	100%	32.816	SP-060753	Ericsson			
795	350004	Study on Charging Aspects of 3GPP System E	Rel-8	S5	No	FS_SAEchrg	02/04/2007	06/12/2007	100%	32.820	SP-070174	Siemens Networks			
796	7048	Study on AS-MRFC media server control protc	Rel-8	C1	No	MRFC	22/03/2006	13/06/2008	100%	24.880	CP-060180	HP			
797	350018	Study on IMS Restoration Procedures	Rel-8	C4	No	FS_IMS_RP	26/03/2007	30/05/2008	100%	23.820	CP-070031	Ericsson			
798	360030	Study on IMS Application Server Service Data	Rel-8	C4	No	FS_IMS_ASIO	14/09/2007	12/09/2008	100%	29.864	CP-070685	Alcatel-Lucent			
799	360031	Study on Customized Alerting Tone (CAT) sol	Rel-8	C4	No	FS_CAT_VVC_C	14/09/2007	12/09/2008	100%	29.882	CP-070518	China Mobile			
800	380023	Study on InterWorking Function between MAF	Rel-8	C4	No	FS_MAP2Diam	30/11/2007	05/12/2008	100%	29.805	CP-070760	Huawei			
801	370041	Study on Scope of future HSPA Evolution for	Rel-8	R1	No	FS_RAN-LCRTD	14/09/2007	30/05/2008	100%	25.824	RP-070748	RITT			
802	370042	Study on Synchronized E-DCH for UTRA FDD	Rel-8	R1	No	FS_RAN-UplinkS	14/09/2007	07/03/2008	100%	25.823	RP-070678	Siemens Networks			
803	360016	Study on Improved network controlled mobilit	Rel-8	R4	No	FS_RAN-LTEmot	04/06/2007	03/12/2007	100%	36.938	RP-070511	Motorola			
804	350039	Study on 3G Home NodeB/eNodeB	Rel-8	R4	No	FS_RAN-HNBetN	05/03/2007	30/05/2008	100%	25.820	RP-070257	Motorola			
805	380080	Study on HS-PDSCH serving cell change enha	Rel-8	R4	No	FS_RAN-HSPDS	17/12/2007	07/03/2008	100%	none	RP-071044	Qualcomm Europe			
806	390032	Study on Dual-Cell HSDPA operation	Rel-8	R1	No	FS_RAN-DCHS	15/08/2007	06/03/2009	100%	withdrawn 25.825 v1	RP-080228	Qualcomm Europe			
807	50589	Study on A-interface over IP	Rel-8	GP	No	AIN TIP	31/08/2007	22/02/2008	100%	43.903	GP-071562	ina Mobile, Ericsson			
808	50590	Study on Multi-User Reusing-One-Slot	Rel-8	GP	No	MUROS	16/11/2007	05/03/2010	98%	45.914	GP-072033	Siemens Networks			
809	51148	Study on Optimized Transmit Pulse Shape for	Rel-8	G1	No	WIDER	16/11/2007	20/11/2009	95%	45.913	GP-072026	Siemens Networks			
810	370044	Deleted - equals 340035 -FS on Service continuity between mobile a	Rel-8	S1	No	FSSCMobToW	03/09/2007	14/12/2007	100%	22.937	SP-070557	BT			
811	380068	Deleted - Study on Evaluation of LCS Control Plane Solution for EPS	Rel-8	S2	No	FS_LCS_EPS	14/01/2008	30/05/2008	100%	23.891	SP-070819	SIRF			
812	0	Release 7 Features	Rel-7	IP,RP,SP	No		03/01/2000	03/01/2000	0%	-					
813	732097	Identification of Communication Services in II	Rel-7	S1,C1,S5	No	ServID	02/05/2005	14/09/2007	100%	-	SP-060293	Ericsson			
814	32106	TR on ServID	Rel-7	S2	No	ServID	02/05/2005	21/03/2006	100%	23.816	SP-060293	Ericsson			
815	32107	Stage 1,2 of ServID	Rel-7	S1,S2	No	ServID	11/11/2005	31/05/2006	100%	22.228, 23.228, 23.2	SP-060293	Ericsson			
816	320010	Stage 3 of ServID	Rel-7	C1	No	ServID	31/03/2006	15/03/2007	100%	23.218, 24.229	CP-060259	Ericsson			
817	7035	Charging of ServID	Rel-7	S5	No	ServID	31/03/2006	14/09/2007	100%	32.260, 32.298, 32.2	SP-060293	Orange			
818	32116	Supporting Globally Routable User Agent URI	Rel-7	S2,S1,C1	No	GRUU	14/11/2005	15/06/2007	100%	-	SP-050633	RIM			
819	7009	Deleted - TR on GRUU	Rel-7	S2	No	GRUU	14/11/2005	14/09/2006	100%		SP-050633	RIM			
820	7010	Stage 1,2 of GRUU	Rel-7	S1,S2	No	GRUU	03/07/2006	29/09/2006	100%	22.228, 23.228, 23.2	SP-050633	RIM			

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821	320011	Stage 3 of GRUU	Rel-7	C1	No	GRUU	02/06/2006	15/06/2007	100%	24.229	CP-060358	CableLabs			
822	7038	Multimedia Telephony Service for IMS	Rel-7	S1,C1,S4	No	MTSI	01/02/2006	15/06/2007	100%	-	SP-060224	Ericsson			
823	7039	Stage 1 of MTSI	Rel-7	S1	No	MTSI-REQ	01/02/2006	29/09/2006	100%	22.173	SP-060224	Ericsson			
824	7037	Stage 3 of MTSI	Rel-7	C1	No	MTSI	10/03/2006	14/06/2007	100%	24.173	CP-060257	Ericsson			
825	7040	Media handling and interaction in MTSI	Rel-7	S4	No	MTSI-MHI	15/03/2006	15/03/2007	100%	26.114	SP-060225	Ericsson			
826	7023	<i>Deleted - duplicates UID7039 - IMS Multimedia Telephony Serv</i>	Rel-7	S1	No	MMTEL	15/06/2007	15/06/2007	100%	22.173	SP-050387	Ericsson			
827	350147	Multimedia Telephony Service for IMS (MTSI)	Rel-7	R5	Yes	MTSI-UEConfTes	19/09/2007	12/03/2009	100%	34.123-1, 34.123-2,	RP-080605	Ericsson, Motorola			
828	377001	TISPAN requirements for Multimedia Telephon	Rel-7	S1	No	TMMTEL7	18/09/2007	06/12/2007	100%	22.273 (EI 181 002)	SP-070568				
829	387001	Maintenance of TISPAN release 1 common IM	Rel-7	S2	No	MCIMSTR1	18/09/2007	06/12/2007	100%	http://www.3gpp.org	SP-070915	Ericsson			
830	387002	SA1 aspects of MCIMSTR1	Rel-7	S1	No	MCIMSTR1-S1	18/09/2007	06/12/2007	100%	22.173, 22.273	SP-070915	Telecom Italia			
831	387003	SA2 aspects of MCIMSTR1	Rel-7	S2	No	MCIMSTR1-S2	18/09/2007	06/12/2007	100%	23.406, 23.417, 23.5	SP-070915	Ericsson			
832	32045	PS domain and IMS impacts for supporting IM	Rel-7	S2,S1	No	EMC1	18/09/2000	15/06/2007	100%	-	SP-050604	Siemens			
833	1314	Service Requirements for IP-based emergency calls	Rel-7	S1	No	EMC1	18/09/2000	25/06/2004	100%	22.976 (DB shows 0	SP-050604	Siemens			
834	32046	Study on Stage 2 for IMS-level solution	Rel-7	S2	No	EMC1	26/02/2003	16/09/2005	100%	23.867	SP-050604	Siemens			
835	32080	Study on Stage 2 for GPRS-level solution	Rel-7	S2	No	EMC1	14/10/2004	08/12/2005	100%	23.867	SP-050604	Siemens			
836	32100	Stage 2 Specification Phase - IMS-level	Rel-7	S2	No	EMC1	05/09/2005	09/06/2006	100%	23.167, 23.228, 23.0	SP-050604	Siemens			
837	32101	<i>Deleted - Stage 2 Specification Phase - GPRS-level</i>	Rel-7	S2	No	EMC1	02/03/2007	02/03/2007	100%		SP-050604	Siemens			
838	1653	Emergency Call Enhancements for IP& PS Based Calls – st	Rel-7	C1	No	EMC1	09/01/2006	15/06/2007	100%		CP-050529	Ericsson			
839	1315	CT1 IMS aspects to support IMS Emergency sessions	Rel-7	C1	No	EMC1	09/01/2006	15/06/2007	100%	24.229	CP-050529	Ericsson			
840	13028	<i>Deleted - CT3 IMS aspects to support IMS Emergency ses</i>	Rel-7	C3	No	EMC1	08/05/2006	15/09/2006	100%	29.163	CP-050529	Ericsson			
841	13031	<i>Deleted - CT3 PS domain aspects to support IMS Emergei</i>	Rel-7	C3	No	EMC1	08/05/2006	15/09/2006	100%	29.061	CP-050529	Ericsson			
842	1646	CT1 PS domain aspects to support IMS Emergency sessic	Rel-7	C1	No	EMC1	09/01/2006	15/06/2007	100%	24.008, 24.234	CP-050529	Ericsson			
843	14026	CT4 PS domain aspects to support IMS Emergency sessic	Rel-7	C4	No	EMC1-GPRSc4	09/01/2006	01/06/2007	100%	29.060	CP-050529	Ericsson			
844	11065	IMS Support of Conferencing	Rel-7	C1	No	IMSconf	04/11/2005	15/03/2007	100%	24.147, 24.229	CP-070120	Alcatel-Lucent			
845	34033	Performance Characterization of VoIMS over I	Rel-7	S4	No	VoIMS-PCVoIMS	15/03/2005	06/12/2007	100%	26.935	SP-050089	Alcatel-Lucent			
846	31062	WLAN-UMTS Interworking Phase 2	Rel-7	S1	No	WLAN2	05/01/2004	07/06/2005	100%	33.234 (SP-36 SA3	SP-030712	Telenor			
847	31057	Stage 1 on Session Continuity	Rel-7	S1	No	WLAN-SC	05/01/2004	11/06/2004	100%	22.234					
848	32096	Stage 2 on Session Continuity: covered by SAE	Rel-7	S2	No	WLAN-SC	07/06/2005	07/06/2005	100%	-					
849	32110	WLAN Interworking – Private Network access	Rel-7	S1,C3,C4	No	WLANPNA	10/10/2005	26/09/2006	100%	-	SP-050489	NEC			
850	32111	WLAN-PNA - Stage 2	Rel-7	S2	No	WLANPNA-st2	10/10/2005	23/06/2006	100%	23.234, 33.234	SP-050489	NEC			
851	11059	WLAN-PNA - Stage 3	Rel-7	S1,C3,C4	No	WLANPNA-st3	01/02/2006	26/09/2006	100%		CP-060256	NEC			
852	11064	CT1 aspets for WLAN-PNA	Rel-7	C1	No	WLANPNA-st3	01/02/2006	26/09/2006	100%	24.234	CP-060256	NEC			
853	13027	CT3 aspets for WLAN-PNA	Rel-7	C3	No	WLANPNA-st3	01/02/2006	26/09/2006	100%	29.161	CP-060256	NEC			
854	14024	<i>Deleted - CT4 aspets for WLAN-PNA</i>	Rel-7	C4	No	WLANPNA-st3	01/02/2006	26/09/2006	100%	29.234	CP-060256	NEC			
855	32092	Enhancements to support QoS provisioning c	Rel-7	S2,C4,C1	No	WLANQOS	14/03/2005	09/03/2007	100%	-	SP-050682	Samsung			
856	7015	<i>Deleted - TR on support of QoS on WLAN</i>	Rel-7	S2	No	WLANQOS	14/03/2005	31/01/2006	100%	23.836	SP-050682	Samsung			
857	7016	Stage 2 on support of QoS over 3GPP/WLAN interworking	Rel-7	S2	No	WLANQOS	01/02/2006	30/06/2006	100%	23.234	SP-050682	Samsung			
858	14028	Stage 3 CT4 on support of QoS over 3GPP/WLAN Interworking	Rel-7	C4	No	WLANQOS	22/09/2006	09/03/2007	100%	29.234, 23.008	CP-060418	Huawei			
859	340005	Stage 3 CT1 on support of QoS over 3GPP/WLAN Interworking	Rel-7	C1	No	WLANQOS	04/09/2006	30/11/2006	100%	24.234	CP-060418	Huawei			
860	32079	Location Services enhancements	Rel-7	S1P,C4,R2	No	LCS3	28/06/2004	17/12/2007	100%	-	SP-040682				
861	32093	Stage 2 for LCS3 (including IMS emergency location aspects)	Rel-7	S2	No	LCS3	31/12/2004	15/09/2006	100%	23.271	SP-050119	SiRF			
862	50558	LCS Enhancements related to Location-Based Services	Rel-7	GP	No	LCS3-LBS	03/01/2005	31/08/2007	100%	43.059, 44.031, 48.0	GP-050265	SiRF			
863	14025	CT4 aspects for LCS UEPos-LBS	Rel-7	C4	No	LCS3-UEPos-LBS	02/01/2006	01/12/2006	100%	24.030, 24.080, 29.0	CP-050240	SiRF			

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													Jul	Sep	Nov
864	20042	UE positioning - Velocity	Rel-7	R2	No	LCS3-UEPos-Vel	15/03/2005	15/09/2006	100%	25.305, 25.331, 25.4	RP-050300	SiRF			
865	20012	Inclusion of Uplink TDOA UE positioning metho	Rel-7	R2	No	LCS3-UEPos-UT	15/09/2004	17/12/2007	100%	25.305, 25.453	RP-040387	TruePosition			
866	31052	LCS for 3GPP Interworking WLAN	Rel-7	S1	No	LCS3-IWLAN	28/06/2004	02/03/2007	100%	22.935	SP-060291	Telcordia			
867	32077	FS on 3GPP system to WLAN Interworking with LCS	Rel-7	S1	No	LCS3-IWLAN-FS	28/06/2004	30/06/2006	100%	22.935	SP-060291	Telcordia			
868	32108	<i>Delete - Study of work on an LCS architecture for I-WLAN.</i>	Rel-7	S2	No	LCS3-IWLAN-FS	26/06/2006	02/03/2007	100%	23.837	SP-060291	LG Electronics			
869	340007	Stage 2 for LCS architecture for I-WLAN	Rel-7	S2	No	LCS3-IWLAN	23/10/2006	02/03/2007	100%	23.234, 23.271, 23.1	SP-060818	LG Electronics			
870	20030	<i>Deleted - UE positioning Rel-7</i>	Rel-7	RP	No	LCS3-UEpos	15/09/2004	17/12/2007	100%	-					
871	20054	<i>Deleted - RAN2 aspects for LBS</i>	Rel-7	R2	No	LCS3-UEPos-LB	15/06/2005	15/06/2005	100%	25.305, 25.331, 25.4		SiRF			
872	31084	MBMS Enhancements	Rel-7	S1	No	MBMSE	11/07/2005	30/11/2007	100%	-	SP-050389	China Mobile			
873	340041	Stage 1 of MBMSE	Rel-7	S1,R1,C3	No	MBMSE	11/07/2005	08/12/2005	100%	22.146, 22.246, 22.2	SP-050389	China Mobile			
874	340042	MBMS FDD Physical layer Enhancements	Rel-7	R1	No	MBMSE-RANPhy	15/12/2006	04/06/2007	100%	25.211, 25.212, 25.2	RP-070226	Ericsson			
875	340043	MBMS TDD Physical layer Enhancements	Rel-7	R1	No	MBMSE-RANPhy	15/12/2006	04/06/2007	100%	25.346, 25.221, 25.2	RP-070241	IPWireless			
876	350022	MBMS Low Chip Rate TDD Physical Layer Enhai	Rel-7	R1	No	MBMSE-RANPhy	16/03/2007	10/09/2007	100%	25.346, 25.221, 25.2	RP-070253	RITT			
877	340046	MBMS Mz interface	Rel-7	C3	No	MBMSMz	04/12/2006	30/11/2007	100%	29.061	CP-070109	Huawei			
878	400058	MBMS - UE Conformance Testing	Rel-7	R5	No	MBMSE_UECon	01/06/2007	04/12/2009	100%	-	not applicable				
879	25049	Conformance Test Aspects – MBMS TDD Physic	Rel-7	R5	No	MBMSE-RANPhy	01/06/2007	12/09/2008	100%	34.108, 34.122, 34.1	RP-080155	IPWireless			
880	400059	Conformance Test Aspects – MBMS LCR TDD P	Rel-7	R5	No	MBMSE-RANPhy	30/05/2008	18/09/2009	100%	34.108, 34.123-1	RP-080318	CATT			
881	400060	Conformance Test Aspects – MBSFN for FDD	Rel-7	R5	No	MBMSE-UEConT	30/05/2008	04/12/2009	100%	34.108, 34.109, 34.1	RP-080336	Huawei			
882	34038	MBMS User Service Extensions	Rel-7	S4	No	MBMSUSE	07/12/2005	07/06/2007	100%	26.346, 26.946	SP-050838	Ericsson			
883	31051	Advanced Global Navigation Satellite System	Rel-7	S1,GP,R2	No	LCS3-AGNSS	28/06/2004	31/08/2007	100%	-	SP-040681	Alcatel			
884	50548	Towards A-GNSS Concept	Rel-7	GP	No	AGNSS-GP	28/06/2004	31/08/2007	100%		GP 042677	Alcatel			
885	20050	Global Navigation Satellite System (GNSS) in U1	Rel-7	R2	No	LCS3-GNSS-UTF	15/12/2005	04/06/2007	100%	25.305, 25.331, 25.3	RP-060211	France Telecom			
886	50551	<i>Deleted - Towards A-GNSS Concept</i>	Rel-7	S1	No	GNSS	16/02/2007	16/02/2007	100%		GP-042677	Alcatel			
887	50581	A-GPS Minimum Performance	Rel-7	GP	No	GAGR	28/04/2006	31/08/2007	100%	45.005, 51.010	GP-060834	Spirent			
888	31048	USSD message delivery and transfer to USIM	Rel-7	S1,C6	No	USSD-USIM	05/03/2004	12/08/2005	100%	-	SP-040104	Axalto			
889	31060	Stage 1	Rel-7	S1	No	USSD-USIM	18/03/2004	15/10/2004	100%	22.090	SP-040104	Axalto			
890	43008	Alignment with requirements regarding USSD u:	Rel-7	C6	No	USSD-USIM	05/03/2004	12/08/2005	100%		TP-040069	Axalto			
891	31063	Combinational Services	Rel-7	S2,C1,S4	No	CSICS	17/01/2005	06/03/2006	100%	-	SP-050228	TeliaSonera			
892	31064	Stage 1 for CSICS	Rel-7	S1	No	CSICS	17/01/2005	09/06/2005	100%	22.279	SP-050228	TeliaSonera			
893	32084	Stage 2 for CSICS	Rel-7	S2	No	CSICS	17/01/2005	15/07/2005	100%	23.279	SP-050228	TeliaSonera			
894	11054	Stage 3 for CSICS CN aspects	Rel-7	C1	No	CSICS	02/05/2005	06/03/2006	100%	24.879, 24.279, 24.2	CP-060105	Vodafone			
895	34031	Stage 3 for codec aspects	Rel-7	S4	No	CSICS-Codec	15/03/2005	07/12/2005	100%	26.141, 26.235	SP-050091	Ericsson			
896	31065	CAMEL Trunk Triggers	Rel-7	S1,C4	No	TTCAMEL	17/12/2004	05/12/2005	100%	-	SP-040743	Nortel			
897	31066	Stage 1 for CAMEL Trunk Triggers	Rel-7	S1	No	TTCAMEL	17/12/2004	05/12/2005	100%	22.078	SP-040743	Nortel			
898	14017	CAMEL Trunk Originated Trigger Detection Points	Rel-7	C4	No	CamelR7	17/12/2004	05/12/2005	100%		NP-040550	Nortel			
899	31088	IMS Service Brokering enhancements	Rel-7	S1	No	ISB	07/12/2005	13/03/2006	100%	22.228	SP-050830	Telcordia			
900	320027	Stage 1 for ISB	Rel-7	S1	No	ISB-s1	07/12/2005	13/03/2006	100%	22.228	SP-050830	Telcordia			
901	11045	Enhancements of VGCS for public authority o	Rel-7	S1,C4,G2	No	EVGCS	27/08/2004	15/06/2007	100%	43.068, 44.068, 24.0					
902	31061	Stage 1	Rel-7	S1	No	EVGCS	27/08/2004	27/08/2004	100%	42.068, 43.068	SP-040304	Siemens			
903	11056	Architecture and protocol aspects	Rel-7	C1,C4	No	EVGCS	27/08/2004	15/06/2007	100%	43.068, 44.068	CP-050528	Siemens			
904	11062	CT1 aspects of EVGCS	Rel-7	C1	No	EVGCS	27/08/2004	15/06/2007	100%	43.068, 44.068, 24.0		Siemens			
905	14022	CT4 aspects of EVGCS	Rel-7	C4	No	EVGCS	27/08/2004	10/03/2006	100%	29.002	CP-050528	Siemens			
906	752076	GERAN2 aspects	Rel-7	G2	No	EVGCS	27/08/2004	16/02/2007	100%		GP-071855	Siemens			

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907	11055	Improvements of VGCS for parallel use of ser	Rel-7	S1	No	IVGCS	15/03/2005	15/03/2007	100%	-	SP-070167				
908	31070	Service Requirements for VGCS improvements	Rel-7	S1	No	IVGCS	15/03/2005	08/06/2005	100%	42.068	SP-070167	T-Mobile			
909	32090	Stage 2 modifications for VGCS improvements	Rel-7	C1	No	IVGCS	01/12/2005	14/03/2007	100%	43.068	NP-050141	T-Mobile			
910	11057	Protocol aspects	Rel-7	C1	No	IVGCS	01/12/2005	15/03/2007	100%	44.068	NP-050141	T-Mobile			
911	11063	CT1 aspects of IVGCS	Rel-7	C1	No	IVGCS	01/12/2005	15/03/2007	100%	43.068, 44.068	CP-070118	T-Mobile			
912	14023	<i>Deleted - CT4 aspects of IVGCS</i>	Rel-7	C4	No	IVGCS-St3-c4	09/03/2007	09/03/2007	100%	29.002	NP-050141	T-mobile			
913	31071	OSA Rel-7	Rel-7	S1,C5	No	OSA7	15/03/2005	08/06/2007	100%	-	SP-050183	AePONA			
914	31072	Service Requirements for OSA Service Broker	Rel-7	S1	No	OSA7-SB	15/03/2005	08/06/2005	100%	22.127	SP-050183	AePONA			
915	43011	Stage 2 OSA API Service Brokering	Rel-7	C5	No	OSA7-SB	28/04/2006	01/12/2006	100%	23.198	CP-060607	AePONA			
916	7017	Stage 3 OSA API Service Brokering	Rel-7	C5	No	OSA7-SB	28/04/2006	01/12/2006	100%	29.198-16		AePONA			
917	15039	OSA Stage 2/3 enhancements	Rel-7	C5	No	OSA7	28/04/2006	08/06/2007	100%	29.198/9, 23.198	CP-070200	AePONA			
918	7018	Parlay X Message Broadcast Web Service	Rel-7	C5	No	OSA7	28/04/2006	01/12/2006	100%	29.199-15, 23.198		ETRI			
919	7019	Parlay X Geocoding Web Service	Rel-7	C5	No	OSA7	28/04/2006	01/12/2006	100%	29.199-16, 23.198		ETRI			
920	7020	Parlay X Application driven QoS Web Service	Rel-7	C5	No	OSA7	28/04/2006	09/03/2007	100%	29.199-17, 23.198		BT			
921	340001	Parlay-X Device Capabilities and Configuration	Rel-7	C5	No	OSA7	26/10/2006	08/06/2007	100%	29.199-18, 23.198		Telenor			
922	340002	Parlay-X Multimedia Streaming Session Management Web	Rel-7	C5	No	OSA7	26/10/2006	09/03/2007	100%	29.199-19, 23.198		Telenor			
923	340003	Parlay-X Multimedia Multicast Control Web Service	Rel-7	C5	No	OSA7	26/10/2006	09/03/2007	100%	29.199-20, 23.198		ETRI			
924	340004	OSA API Conference Call Control SCF	Rel-7	C5	No	OSA7	26/10/2006	09/03/2007	100%	29.198-04-5, 23.198		Ericsson			
925	31053	Selective Disabling of UE Capabilities	Rel-7	S1,S2,C1	No	SDoUE	24/01/2005	15/06/2007	100%	-	SP-050182	Motorola			
926	32088	Stage 1 of SDoUE	Rel-7	S1	No	SDoUE-CR	24/01/2005	08/12/2006	100%	22.011	SP-050182	Motorola			
927	32089	<i>Deleted - TR on different possible architectures</i>	Rel-7	S2	No	SDoUE-FS	21/03/2005	16/12/2005	100%	23.805 abandoned	SP-050182	Vodafone			
928	7036	Stage 3 of SDoUE	Rel-7	C1	No	SDoUE	10/03/2006	15/06/2007	100%	24.305	CP-070121	Ericsson			
929	7041	Network selection enhancements (NSP)	Rel-7	S1	No	NSP-CR	15/03/2006	15/06/2007	100%	22.101, 22.011, 23.1	SP-060220	O2			
930	320012	Stage 1 of NSP	Rel-7	S1	No	NSP-TS	15/03/2006	06/12/2006	100%	22.101, 22.011, 23.1	SP-060220	O2			
931	320013	Procedural aspects of NSP	Rel-7	C1	No	NSP-CR	02/06/2006	15/06/2007	100%	23.122, 24.008, 31.1	CP-060357	Motorola			
932	25048	Network Selection enhancements (NSP) - UE	Rel-7	R5	Yes	NSP-CR_UECon	01/06/2007	05/12/2008	100%	34.108, 34.123-1, 34	RP-080135	Nokia			
933	32064	Access Class Barring and Overload Protection	Rel-7	S2,C1	No	ACBOP	15/03/2004	08/09/2006	100%	23.898	SP-040338	Vodafone			
934	32065	TR on Stage 2	Rel-7	S2	No	ACBOP	15/03/2004	31/03/2005	100%	23.898	SP-040338	NTT DoCoMo			
935	11048	Stage 3 CN aspects of ACBOP	Rel-7	C1	No	ACBOP	06/06/2005	31/01/2006	100%	24.008					
936	20010	<i>Deleted - Potential impact on lu interface Overload functionality</i>	Rel-7	RP	No	ACBOP	15/03/2004	15/03/2004	100%	25.413					
937	20009	<i>Deleted - Extra ACBOP information in RAN</i>	Rel-7	RP	No	ACBOP	15/03/2004	15/03/2004	100%	25.331					
938	50117	<i>Deleted - Extra ACBOP information in GERAN</i>	Rel-7	GP	No	ACBOP	08/09/2006	08/09/2006	100%	44.018					
939	32074	System enhancements for fixed broadband ac	Rel-7	S1,C3,C4	No	FBI	05/11/2003	14/03/2007	100%	-					
940	7001	TISPAN Rel 1 related aspects	Rel-7	S2	No	FBI-TIS1	05/11/2003	09/03/2007	100%	-					
941	32075	Stage 2 of FBI for TISPAN R1	Rel-7	S2	No	FBI-TIS1	14/10/2004	08/03/2006	100%	-					
942	11050	Protocol impact of FBI for TISPAN R1	Rel-7	C1	No	FBI-TIS1	05/11/2003	09/03/2007	100%		NP-040618	Siemens			
943	11060	CT1 aspects of FBI for TISPAN R1	Rel-7	C1	No	FBI-TIS1	05/11/2003	30/11/2006	100%	24.819, 24.229	NP-040618	Siemens			
944	13025	CT3 aspects of FBI for TISPAN R1	Rel-7	C3	No	FBI-TIS1	05/11/2003	08/12/2006	100%	29.163, 29.209	NP-040618	Siemens			
945	14020	CT4 aspects of FBI for TISPAN R1	Rel-7	C4	No	FBI-TIS1-st3-c4	13/01/2006	09/03/2007	100%	29.229	NP-040618	Siemens			
946	33027	Security Enhancements for FBI	Rel-7	S3	No	FBI-ISE	28/06/2005	08/12/2005	100%	33.203	SP-050395	Ericsson			
947	7002	PacketCable Related aspects	Rel-7	S2,S5,C1	No	FBI-PCBL	01/02/2006	14/03/2007	100%	-	SP-060145	CableLabs			
948	7003	Stage 1,2 of FBI for PacketCable	Rel-7	S2	No	FBI-PCBL	01/02/2006	15/12/2006	100%	22.228, 23.228	SP-060145	CableLabs			
949	7004	Protocol impact of FBI for PacketCable	Rel-7	C1	No	FBI-PCBL	01/05/2006	14/03/2007	100%	-					

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950	7032	SA5 Charging aspects of FBI for PacketCable	Rel-7	S5	No	FBI-PCBL-CH	31/03/2006	07/12/2006	100%	32.240, 32.260, 32.2	SP-060145	CableLabs			
951	32081	Support of SMS over generic 3GPP IP access	Rel-7	S2,C4,C1	No	SMSIP	14/10/2004	14/06/2007	100%	-	SP-060658	Huawei			
952	32094	FS on SMSIP	Rel-7	S2	No	SMSIP	14/10/2004	13/06/2005	100%	23.804	SP-060658	Huawei			
953	32095	Stage 2 for SMSIP	Rel-7	S2	No	SMSIP	08/06/2005	15/09/2006	100%	23.204	SP-060658	Huawei			
954	310001	Stage 3 for SMSIP	Rel-7	C4,C1	No	SMSIP-St3	08/06/2005	14/06/2007	100%		CP-060697	Nokia			
955	310002	CT1 aspects for SMSIP	Rel-7	C1	No	SMSIP	08/06/2005	14/06/2007	100%	23.040, 24.229	CP-060697	Nokia			
956	310003	CT4 aspects for SMSIP	Rel-7	C4	No	SMSIP-St3-c4	08/06/2005	01/06/2007	100%	23.008, 29.002	CP-060697	Nokia			
957	32082	Evolution of Policy Control and Charging	Rel-7	S5,C3,C1	No	PCC	14/10/2004	30/11/2007	100%	-	SP-060217	Nokia			
958	32102	<i>Deleted - TR for PCC</i>	Rel-7	S2	No	PCC	14/10/2004	29/12/2005	100%	23.803	SP-060217	Nokia			
959	32103	Stage 2 for PCC	Rel-7	S2	No	PCC	04/07/2005	15/09/2006	100%	23.203	SP-060217	Nokia			
960	32109	Evolution of policy control and flow based bearer level charging	Rel-7	S2	No	PCC	01/08/2006	29/12/2006	100%	23.207, 23.002, 23.2	SP-060217	Nokia			
961	7033	SA5 Charging aspects of PCC	Rel-7	S5	No	PCC-CH	31/03/2006	15/06/2007	100%	32.250, 32.251, 32.2	SP-060217	Orange			
962	13029	Gx reference point for Policy and Charging Control	Rel-7	C3	No	PCC-Gx	02/12/2005	30/11/2007	100%	29.212 (not progres	CP-060434	Siemens			
963	13030	Rx reference point for PCC CT3 aspects	Rel-7	C3,C1	No	PCC-Rx	02/12/2005	30/11/2007	100%		CP-060435	Ericsson			
964	310006	PCC-Rx CT3 aspects	Rel-7	C3	No	PCC-Rx-c3	02/12/2005	30/11/2007	100%	29.213, 29.214 (not	CP-060435	Ericsson			
965	7008	PCC-Rx CT1 aspects	Rel-7	C1	No	PCC-Rx-Gx-c1	02/12/2005	15/06/2007	100%	24.229	CP-060435	Ericsson			
966	32091	Voice call continuity between CS and IMS (inc	Rel-7	S5,C1,C4	No	VCC	31/12/2004	15/06/2007	100%	-	SP-060292	Alcatel-Lucent			
967	32104	TR for VCC	Rel-7	S2	No	VCC	31/12/2004	08/12/2005	100%	23.806	SP-060292	Alcatel-Lucent			
968	31085	Stage 1 for VCC	Rel-7	S1	No	VCC	17/03/2005	28/09/2005	100%	22.101	SP-060292	Alcatel-Lucent			
969	32105	Stage 2 for VCC	Rel-7	S2	No	VCC	06/09/2005	08/09/2006	100%	23.206	SP-060292	Alcatel-Lucent			
970	35079	SA5 Charging aspects of VCC	Rel-7	S5	No	VCC-CH	17/03/2006	14/06/2007	100%	32.250, 32.260	SP-060292	Orange			
971	11058	Stage 3 for VCC	Rel-7	C1,C4	No	VCC	01/02/2006	15/06/2007	100%		CP-070186	Alcatel-Lucent			
972	11066	CT1 aspects of VCC	Rel-7	C1	No	VCC	01/02/2006	15/06/2007	100%	24.206, 24.216	CP-070186	Alcatel-Lucent			
973	14027	CT4 aspects of VCC	Rel-7	C4	No	VCC-St3-c4	09/06/2006	09/03/2007	100%	23.003	CP-070186	Alcatel-Lucent			
974	13032	<i>Deleted - CT3 aspects of VCC</i>	Rel-7	C3	No	VCC	02/11/2006	02/11/2006	100%	29.163	CP-070186	Alcatel-Lucent			
975	7046	One Tunnel solution for optimization of Packe	Rel-7	S2	No	OPTUNEL	27/03/2006	31/10/2007	100%	-	SP-060819	Nokia			
976	320002	<i>Deleted - Study on Stage 2 for One Tunnel solution</i>	Rel-7	S2	No	OPTUNEL-Study	27/03/2006	15/09/2006	100%	23.809	SP-060819	Nokia			
977	340013	One Tunnel Deployment Guideline	Rel-7	S2	No	OPTUNEL-Guide	23/10/2006	31/10/2007	100%	23.919	SP-060819	Huawei			
978	320003	Stage 2 specification for One Tunnel solution	Rel-7	S2	No	OPTUNEL-Stage	11/09/2006	15/12/2006	100%	23.060	SP-060819	Nokia			
979	320029	CSI Terminating Session handling	Rel-7	S2,C1	No	CSItemS	08/06/2006	15/06/2007	100%	-	SP-060437	Samsung			
980	340014	Stage 2 of CSItemS	Rel-7	S2	No	CSItemS	08/06/2006	02/03/2007	100%	23.279	SP-060437	Samsung			
981	340015	Stage 3 of CSItemS	Rel-7	C1	No	CSItemS	14/12/2006	15/06/2007	100%	24.229, 24.279	CP-070239	Samsung			
982	340011	<i>Deleted - duplicated with UID 340015 -Stage 3 CSI Terminating</i>	Rel-7	C1	No	CSItemS	09/03/2007	09/03/2007	100%	24.229, 24.179, 24.2	CP-060647	Samsung			
983	33022	Liberty Alliance and 3GPP Security Interworki	Rel-7	S3	No	LibSec	10/03/2005	30/11/2006	100%	33.980	SP-050145	Nokia			
984	33023	Trust Requirements for Open Platforms in 3G	Rel-7	S3	No	TrustOP	03/01/2005	30/11/2006	100%	33.905	SP-040863	Nokia			
985	33024	Development of UEA2 and UIA2	Rel-7	S3	No	AlgUEA2	01/12/2004	09/12/2005	100%	35.919, 35.215, 35.2	SP-040864	TeliaSonera			
986	33026	Lawful Interception in the 3GPP Rel-7 architec	Rel-7	S3	No	LI-7A	28/06/2005	08/12/2005	100%	33.106, 33.107, 33.1	SP-050237	BMWl			
987	33028	Key establishment between a UICC and a term	Rel-7	S3	No	KeyEstUTerm	07/12/2005	28/09/2006	100%	33.110	SP-050780	Gemalto			
988	330008	NDS Authentication Framework Extension for	Rel-7	S3	No	NDSAF TLS	28/09/2006	06/12/2006	100%	33.310	SP-060507	Nokia			
989	732030	Security enhancements	Rel-7	S3,C1,C4	No	SEC7	12/09/2005	30/11/2006	100%	-					
990	732031	HTTPS connection between a UICC and a NAF	Rel-7	S3,C1	No	SEC7-HSUN	12/09/2005	12/09/2005	100%	33.918, 33.222, 24.1	SP-050573	Gemalto			
991	732032	2G GBA: 2G SIM usage in 3GPP GAA framework	Rel-7	S3	No	SEC7-2GGBA	12/09/2005	05/12/2005	100%	33.920, 33.220	SP-050576	Nokia			
992	732033	Generic Authentication Architecture usage extensions and optir	Rel-7	S3	No	SEC7-GAA2	12/09/2005	30/11/2006	100%	33.220, 29.109, 24.1	SP-060429	Nokia			

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													Jul	Sep	Nov
993	32034	SS7 TCAP security Gateway	Rel-7	S3,C4	No	SEC7-NDS-TCAI	12/09/2005	14/08/2006	100%		SP-050579	Siemens			
994	310004	SA3 aspects of SEC7-NDS-TCAPsec	Rel-7	S3	No	SEC7-NDS-TCAI	12/09/2005	10/03/2006	100%	33.204	SP-050579	Siemens			
995	310005	TCAPsec Gateway	Rel-7	C4	No	SEC7-TCAP	03/04/2006	14/08/2006	100%	29.204, 29.002	CP-060170	Siemens			
996	711052	IMS Stage 3 IETF Protocol alignment	Rel-7	C1	No	IMSProtoc	10/12/2004	14/03/2007	100%	24.930	CP-060101				
997	7043	Interoperability between VGCS/VBS and A/Gb	Rel-7	C1,C4	No	VGCSFlex	22/03/2006	09/03/2007	100%	-	CP-060102	Siemens			
998	7044	CT1 aspects of VGCSFlex	Rel-7	C1	No	VGCSFlex	22/03/2006	30/10/2006	100%	43.068, 43.069	CP-060102	Siemens			
999	7045	CT4 aspects of VGCSFlex	Rel-7	C4	No	VGCSFlex-c4	22/03/2006	09/03/2007	100%	29.002	CP-060102	Siemens			
1000	13023	DIAMETER on the GGSN Gi interface	Rel-7	C3	No	DIAMGi	10/09/2004	08/12/2006	100%	29.061	CP-060431	Vodafone			
1001	13022	DIAMETER on the PDG Wi interface	Rel-7	C3	No	DIAMWi	10/09/2004	08/12/2006	100%	29.161	CP-060432	Vodafone			
1002	13033	Interworking between the 3GPP CS domain w	Rel-7	C3	No	ExtSIPI	22/09/2006	22/07/2008	100%	29.164	CP-070101	Siemens			
1003	340047	PDU multiplexing at Nb Interface with IP trans	Rel-7	C3	No	NbIPMux	04/12/2006	22/07/2008	100%	29.414	CP-070105	Alcatel-Lucent			
1004	14012	Mp (MRFC - MRFP) interface	Rel-7	C4,C1	No	Mp	13/02/2006	08/06/2007	100%	-	CP-070246	Ericsson			
1005	11061	CT1 aspects of Mp	Rel-7	C1	No	Mp	13/02/2006	13/02/2006	100%	24.229	CP-070246	Ericsson			
1006	13026	Deleted - CT3 aspects of Mp	Rel-7	C3	No	Mp	22/09/2006	22/09/2006	100%	29.162		Ericsson			
1007	320009	Procedures description	Rel-7	C4	No	Mp-PROCc4	02/06/2006	09/03/2007	100%	23.333	CP-070246	Huawei			
1008	14021	Stage 3	Rel-7	C4	No	Mp-St3c4	13/02/2006	08/06/2007	100%	29.333	CP-070246	Ericsson			
1009	340016	Routeing of MT-SMS via the HPLMN	Rel-7	C4,C1	No	SMSviaH	01/12/2006	09/03/2007	100%	23.040, 29.002	CP-070032	Vodafone			
1010	350003	Mobile Termination whilst the MS is moving to	Rel-7	C4	No	MTmovMS	09/03/2007	31/05/2007	100%	23.008, 23.012, 23.0	CP-070334	Alcatel-Lucent			
1011	743009	ISIM API for Java Card	Rel-7	C6	No	APIJAVA	14/03/2005	27/07/2007	100%	31.103, 102.241	CP-050145	Sun			
1012	440042	Rel-7 (U)SIM API Testing	Rel-7	C6	No	USIM_API_test	30/05/2009	12/03/2010	0%	31.213	CP-090450	Sagem Orga			
1013	330001	High speed interface between the UICC and th	Rel-7	C6	No	HSI	22/09/2006	30/11/2007	100%	31.101	CP-070259	Gemalto			
1014	34030	Video Codec Performance Requirements	Rel-7	S4	No	VICPer	03/01/2005	07/06/2007	100%	26.234, 26.235, 26.3	SP-040836	Siemens			
1015	34032	Dynamic and Interactive Multimedia Scenes	Rel-7	S4	No	DIMS	15/03/2005	07/06/2007	100%	26.140, 26.142, 26.2	SP-050195	Streamezzo			
1016	34034	3G-324M Video Telephony Call Setup Times Ir	Rel-7	S4	No	VTCSTI	08/06/2005	27/09/2006	100%	26.911	SP-050404	Vodafone			
1017	34035	Optimizations for Multimedia Telephony over	Rel-7	S4	No	OMTIMS	28/09/2005	28/09/2005	100%	26.235, 26.236	SP-060226	Ericsson			
1018	34037	Deleted - Characterisation of Adaptive Jitter Management Perfo	Rel-7	S4	No	OMTIMS-CAJMP	28/09/2005	28/09/2005	100%		SP-050432	Lucent			
1019	34036	End-to-End Multimedia Services Performance	Rel-7	S4	No	E2EMSPM	28/09/2005	15/03/2007	100%	26.944	SP-050433	China Mobile			
1020	34039	Packet Switched Streaming Enhancements	Rel-7	S4	No	PSSe	08/06/2006	07/06/2007	100%	26.234, 26.244	SP-060361	Ericsson			
1021	35041	OAM&P Rel-7	Rel-7	S5	No	OAM7	02/09/2005	26/06/2007	100%	-	TR 30.817	Huawei			
1022	35042	Network Infrastructure Management	Rel-7	S5	No	OAM7-NIM	02/09/2005	14/06/2007	100%	-					
1023	35044	Enhance NRM to accommodate NGN (IMS as basis of the	Rel-7	S5	No	OAM7-NIM	02/09/2005	14/06/2007	100%	32.731/2/3/5, 32.631	SP-050302	Motorola			
1024	35046	Co-operative Element Management interface (CO-OP) (Sti	Rel-7	S5	No	OAM7-NIM	02/09/2005	15/03/2007	100%	32.806, 32.814, 32.1	SP-050304	Motorola			
1025	35047	Network Management (NM) Itf-N performance criteria	Rel-7	S5	No	OAM7-NIM	02/09/2005	14/06/2007	100%	32.811	SP-050305	China Mobile			
1026	35048	Delta synchronization between IRP Manager and IRP Ager	Rel-7	S5	No	OAM7-NIM	02/09/2005	14/06/2007	100%	32.391/2/3/5	SP-050306	Siemens			
1027	35049	Subscription Management (SuM) IRP Solution Sets	Rel-7	S5	No	OAM7-NIM	02/09/2005	07/12/2006	100%	32.307/317/607/667.	SP-060739	Ericsson			
1028	35050	Integration Reference Point (IRP) Security Management	Rel-7	S5	No	OAM7-NIM	02/09/2005	15/03/2007	100%	32.372/3/5, 32.111,3	SP-050308	Huawei			
1029	35052	Partial suspension of Itf-N during maintenance/testing (Stu	Rel-7	S5	No	OAM7-NIM	02/09/2005	14/06/2007	100%	32.381/2/3/5	SP-050310	Siemens			
1030	35054	Deleted - Management of Legacy Equipment	Rel-7	S5	No	OAM7-NIM	02/09/2005	15/12/2006	100%	new 32.xxx	SP-050312	Siemens			
1031	35055	Deleted - Rules for Vendor Specific Extensions	Rel-7	S5	No	OAM7-NIM	02/09/2005	15/03/2007	100%	32.62n; For n = 1 to	SP-050313	Siemens			
1032	35064	Backward and Forward Compatibility of IRP systems	Rel-7	S5	No	OAM7-NIM	02/09/2005	14/06/2007	100%	32.154	SP-050630	Ericsson			
1033	35071	Repeater Network Resource Model (NRM) definition	Rel-7	S5	No	OAM7-NIM	13/02/2006	07/12/2006	100%	32.721/2/3/5	SP-050731	China Mobile			
1034	35072	UTRAN radio channel power monitoring	Rel-7	S5	No	OAM7-NIM	13/02/2006	15/03/2007	100%	32.405, 32.64n; For	SP-050733	China Mobile			
1035	340009	Notification XML Schema	Rel-7	S5	No	OAM7-NIM	07/12/2006	15/03/2007	100%	New 32.325/345/365	SP-060754	Huawei			

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1036	35043	Performance Management	Rel-7	S5	No	OAM7-PM	02/09/2005	14/06/2007	100%	-					
1037	35057	Performance measurements definition for CN CS	Rel-7	S5	No	OAM7-PM	02/09/2005	15/03/2007	100%	32.407, 32.408	SP-050315	China Mobile			
1038	35058	Enhancement UTRAN performance measurements definiti	Rel-7	S5	No	OAM7-PM	02/09/2005	14/06/2007	100%	32.405	SP-050316	China Mobile			
1039	35059	Add TDD specific counters in Performance measurement	Rel-7	S5	No	OAM7-PM	02/09/2005	07/12/2006	100%	32.405	SP-050317	CATT			
1040	35060	ATM bearer network Performance measurements	Rel-7	S5	No	OAM7-PM	02/09/2005	15/03/2007	100%	No impact on 32.404	SP-050318	ZTE			
1041	35069	Performance measurements definition for IMS	Rel-7	S5	No	OAM7-PM	02/09/2005	14/06/2007	100%	32.404,32.409,32.43	SP-050631	China Mobile			
1042	35073	HSDPA performance measurements	Rel-7	S5	No	OAM7-PM	13/02/2006	14/06/2007	100%	32.405	SP-060379	China Mobile			
1043	35039	Trace Management	Rel-7	S5	No	OAM7-Trace	02/09/2005	26/06/2007	100%	-	SP-050628	Vodafone			
1044	35040	End-to-end Service Level tracing for IMS	Rel-7	S5	No	OAM7-Trace	11/11/2005	15/03/2007	100%	CR 32.101, 32.421/2	SP-050627	Vodafone			
1045	35062	Trace record content for UTRAN TDD	Rel-7	S5	No	OAM7-Trace	02/09/2005	07/12/2006	100%	CR 32.421/2/3.	SP-050628	Nokia			
1046	35063	IRP for Subscriber and Equipment Trace Management	Rel-7	S5	No	OAM7-Trace	02/09/2005	14/06/2007	100%	32.441/2/3/5, CRs 3	SP-050629	Nokia			
1047	11046	Deleted - SIP enhancements for trace	Rel-7	C1	No	OAM7-Trace	15/06/2007	26/06/2007	100%	-					
1048	35070	Deleted - duplicated with UID 35063 - IRP for Subscriber a	Rel-7	S5	No	OAM7-Trace	02/09/2005	15/12/2006	100%	32.421,32.422,32.42	SP-050629	Nokia			
1049	320007	Charging Management small Enhancements F	Rel-7	S5	No	CH7	22/05/2006	14/06/2007	100%	-		Orange			
1050	320008	Alternate Charged Party (ACP) for IMS	Rel-7	S5	No	CH7-IMS-ACP	22/05/2006	14/06/2007	100%	32.240, 32.260, 32.2	SP-060442	Lucent			
1051	330004	Align 3GPP Charging with OMA PoC Enabler Release 2.0	Rel-7	S5	No	CH7-PoC	28/09/2006	14/06/2007	100%	32.240, 32.272, 32.2	SP-060546	Siemens			
1052	2468	Multiple Input Multiple Output antennas (MIMO)	Rel-7	R1	No	MIMO	14/03/2003	17/09/2007	100%	25.876, 25.996	RP-030192	Alcatel-Lucent			
1053	21006	MIMO - Physical layer	Rel-7	R1	No	MIMO-Phys	12/09/2003	15/03/2007	100%	25.211, 25.212, 25.2	RP-030192	Alcatel-Lucent			
1054	22003	MIMO - Layer 2,3 aspects	Rel-7	R2	No	MIMO-L23	12/09/2003	15/03/2007	100%	25.876	RP-030192	Alcatel-Lucent			
1055	23008	MIMO - lub/lur Protocol Aspects	Rel-7	R3	No	MIMO-lur lub	14/03/2003	15/03/2007	100%		RP-030192	Alcatel-Lucent			
1056	24008	MIMO - RF Radio Transmission/Reception, Syst	Rel-7	R4	No	MIMO-RF	12/12/2003	17/09/2007	100%		RP-030192	Alcatel-Lucent			
1057	20028	Rel-7 Improvements of the Radio Interface	Rel-7	RP	No	RInImp	15/09/2004	04/06/2007	100%	-					
1058	20060	Extended UMTS 1.7/2.1 GHz	Rel-7	R4	No	RInImp-UMTS17	15/03/2006	15/12/2006	100%	25.806, 25.101, 25.1	RP-060180	Ericsson			
1059	20067	UMTS 2.6 GHz 7.68 Mcps TDD	Rel-7	R4	No	RInImp-UMTS26	15/06/2006	15/09/2006	100%	25.102, 25.105, 25.1	RP-060349	IPWireless			
1060	20021	UMTS 2.6 GHz	Rel-7	R4	No	RInImp-UMTS26	15/09/2004	14/06/2005	100%	25.101, 25.104, 25.1	RP-040397	Nokia			
1061	20025	UMTS 2.6 GHz TDD	Rel-7	R4	No	RInImp-UMTS26	15/12/2004	14/12/2005	100%	25.102, 25.105, 25.1	RP-040553	IPWireless			
1062	20027	UMTS 900 MHz	Rel-7	R4	No	RInImp-UMTS90	15/12/2004	14/12/2005	100%	25.101, 25.104, 25.1	RP-040541	Nortel			
1063	20043	UMTS 1700 MHz	Rel-7	R4	No	RInImp-UMTS17	15/03/2005	14/12/2005	100%	25.101, 25.104, 25.1	RP-050385	NTT DoCoMo			
1064	20024	UE Antenna Performance Evaluation Method an	Rel-7	R4	No	RInImp-UEAnt	15/12/2004	04/06/2007	100%	25.101, 25.963	RP-050122	TeliaSonera			
1065	20045	Improved Performance Requirements for HSDP	Rel-7	R4	No	RInImp-HSPerf-T	15/03/2005	15/03/2005	100%	25.101	RP-050362	Cingular			
1066	20062	Additional minimum UE performance requireme	Rel-7	R4	No	RInImp-RxDiv	15/09/2005	15/12/2006	100%	25.101		Qualcomm Europe			
1067	20048	Additional minimum UE performance requirement for DL p	Rel-7	R4	No	RInImp-RxDiv-DC	15/09/2005	14/06/2006	100%	25.101	RP-060185	Cingular			
1068	7028	Additional minimum UE performance requirement for down	Rel-7	R4	No	RInImp-RxDiv-ME	15/03/2006	15/12/2006	100%	25.101	RP-060183	Qualcomm Europe			
1069	7029	Additional minimum UE performance requirement for down	Rel-7	R4	No	RInImp-RxDiv-EC	15/03/2006	15/12/2006	100%	25.101	RP-060184	Qualcomm Europe			
1070	20049	Deleted Improved support of gaming over HSDPA/EDCH	Rel-7	R2	No	RInImp-Gaming	15/12/2005	15/12/2006	100%		Work_Items	Cingular			
1071	20047	Deleted (not approved at PCG) - UMTS 2.6 GHz FDD DL Exter	Rel-7	R4	No	RInImp-UMTS26	15/09/2005	15/09/2005	100%	25.101, 25.104, 25.1		T-mobile			
1072	25025	Rel-7 Improvements of the Radio Interface - U	Rel-7	R5	No	RInImp-UEConT	11/11/2005	12/09/2008	100%	-	ot applicable				
1073	25007	UE Conformance Test for UMTS 2600 MHz	Rel-7	R5	No	RInImp-UMTS26	11/11/2005	02/06/2006	100%	34.108, 34.121	_Work_Items	Nokia			
1074	25008	UE Conformance Test for UMTS 900 MHz (band	Rel-7	R5	No	RInImp-UMTS90	11/11/2005	02/06/2006	100%	34.108, 34.121	_Work_Items	Qualcomm Europe			
1075	25013	Conformance Test Aspects – Improved Perform	Rel-7	R5	No	RInImp-HSPerf-T	10/03/2006	01/12/2006	100%	34.121, 34.108	_Work_Items	Motorola			
1076	25020	UE antenna Over The Air (OTA) conformance tes	Rel-7	R5	Yes	RInImp-UEAnt_T	20/09/2006	12/09/2008	100%	34.114	RP-060486	Nokia			
1077	25015	UE conformance testing for FDD Inter-Band Ope	Rel-7	R5	No	RInImp-InterBand	02/06/2006	01/12/2006	100%	34.108, 34.123-1, 34	_Work_Items	NEC, Motorola			
1078	25028	Conformance Test Aspects – Extended UMTS 1.	Rel-7	R5	No	RInImp-UEConTe	01/12/2006	01/06/2007	100%	34.108, 34.121-1, 34	RP-060676	Motorola			

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1079	25039	Conformance Test Aspects – Minimum UE perf	Rel-7	R5	No	RInImp-UEConTe	01/06/2007	07/12/2007	100%		RP-070414	Motorola			
1080	25040	Conformance Test Aspects – Minimum UE perf	Rel-7	R5	Yes	RInImp-UEConTe	01/06/2007	07/03/2008	100%		RP-070381	Ericsson			
1081	20029	Rel-7 RAN improvements	Rel-7	RP	No	RANImp	15/12/2004	15/06/2007	100%	-					
1082	20026	Optimization of channelisation code utilisation f	Rel-7	R1	No	RANImp-RABSE-	15/12/2004	15/12/2006	100%		RP-040552	UTStarcom			
1083	20031	Delay optimization for procedures applicable to	Rel-7	R2	No	RANImp-DelayOf	15/03/2005	15/09/2006	100%	25.815, 25.321, 25.3	RP-050386	Nokia			
1084	20132	Improved support of IMS Realtime Services usir	Rel-7	R2	No	RANImp-IMSReal	15/03/2005	14/12/2005	100%		RP-050160	Cingular			
1085	20033	UE Performance Requirements for MBMS (TDD)	Rel-7	R4	No	MBMS-RAN-RF-	15/03/2005	15/06/2006	100%	25.102, 25.123	RP-050156	IPwireless			
1086	20046	Continuous connectivity for packet data users	Rel-7	R1	No	RANImp-CPC	14/03/2005	15/03/2007	100%	25.903, 25.201, 25.2	RP-050870	Siemens			
1087	7030	Extended WCDMA Cell Range	Rel-7	R3	No	RANImp-ExtCell	15/03/2006	15/12/2006	100%	25.133, 25.423, 25.4	RP-060212	Ericsson			
1088	7031	7.68 Mcps TDD Enhanced Uplink	Rel-7	R1	No	RANImp-VHCRTI	15/03/2006	15/12/2006	100%	25.201, 25.202, 25.2	RP-060119	IPwireless			
1089	330009	Enhanced CELL_FACH State in FDD	Rel-7	R2	No	RANImp-EnhStat	25/09/2006	04/06/2007	100%	25.308, 25.304, 25.3	RP-070245	Nokia			
1090	340038	64QAM for HSDPA (FDD)	Rel-7	R1	No	RANImp-64QamC	15/12/2006	04/06/2007	100%	25.308, 25.211, 25.2	RP-070223	Ericsson			
1091	340039	Improved L2 support for high data rates	Rel-7	R2	No	RANImp-L2DataF	15/12/2006	04/06/2007	100%	25.301, 25.308, 25.3	RP-070242	Ericsson			
1092	340040	Introduction of 16QAM in HSUPA (FDD)	Rel-7	R1	No	RANImp-16QamL	15/12/2006	04/06/2007	100%	25.319, 25.101, 25.1	RP-060844	Nokia			
1093	20066	Interface to control Tower Mounted Amplifiers (T	Rel-7	R3	No	RANImp-TMA	26/01/2007	15/06/2007	100%	-	RP-060418	Vodafone			
1094	340045	OAM aspects to Interface to control TMAs	Rel-7	S5	No	RANImp-TMA-OA	26/01/2007	15/06/2007	100%	32.642/3/5 – Align w		Vodafone			
1095	25026	Rel-7 RAN improvements - UE Conformance T	Rel-7	R5	No	RANImp-UECon	20/09/2006	18/09/2009	100%	-	Not applicable				
1096	25021	Conformance Test Aspects - 3.84 Mcps and 7.68	Rel-7	R5	Yes	RANImp-UEConT	20/09/2006	12/09/2008	100%	34.108, 34.122, 34.1	RP-060484	IPWireless			
1097	25031	Conformance Test Aspects – 64QAM for HSDPA	Rel-7	R5	Yes	RANImp-UEConT	09/03/2007	03/03/2008	100%	34.108, 34.121-1, 34	RP-071319	Ericsson			
1098	25032	Conformance Test Aspects – 16QAM for HSUPA	Rel-7	R5	Yes	RANImp-UEConT	09/03/2007	30/05/2008	100%	34.108, 34.121-1, 34	RP-070022	Motorola			
1099	25033	Conformance Test Aspects – Improved L2 supp	Rel-7	R5	Yes	RANImp-UEConT	09/03/2007	30/05/2008	100%	34.108, 34.123-1, 34	RP-070020	Ericsson			
1100	25034	Conformance Test Aspects – Continuous conne	Rel-7	R5	Yes	RANImp-UEConT	09/03/2007	30/05/2008	100%	34.108, 34.121-1, 34	RP-070023	Nokia			
1101	25035	Conformance Test Aspects – Enhanced CELL_F	Rel-7	R5	No	RANImp-UEConT	09/03/2007	18/09/2009	100%	34.108, 34.123-1, 34	RP-080730	Nokia			
1102	20014	7.68 Mcps TDD option	Rel-7	RP	No	VHCRTDD	15/09/2004	15/06/2006	100%	-	RP-060119	IPwireless			
1103	20015	VHCRTDD: Stage 2	Rel-7	R1	No	VHCRTDD-Stage	15/09/2004	15/03/2006	100%	25.202	Items_History	IPWireless			
1104	20016	VHCRTDD: Physical Layer	Rel-7	R1	No	VHCRTDD-Phys	15/09/2004	15/03/2006	100%	25.221, 25.222, 25.2	Items_History	IPWireless			
1105	20017	VHCRTDD: Layer 2 and layer 3 protocol aspects	Rel-7	R2	No	VHCRTDD-L23	15/09/2004	15/03/2006	100%	25.301, 25.302, 25.3	Items_History	IPWireless			
1106	20018	VHCRTDD: UTRAN Iub/Iur Protocol Aspects	Rel-7	R3	No	VHCRTDD-IurIub	15/09/2004	15/03/2006	100%	25.401, 25.420, 25.4	Items_History	IPWireless			
1107	20019	VHCRTDD: RF Radio Transmission/ Reception, :	Rel-7	R4	No	VHCRTDD-RF	15/09/2004	15/06/2006	100%	25.102, 25.105, 25.1	Items_History	IPWireless			
1108	20035	3.84 Mcps TDD Enhanced Uplink	Rel-7	RP	No	EDCHTDD	15/03/2005	15/09/2006	100%	-	RP-050100	IPWireless			
1109	20036	EDCHTDD: Stage 2	Rel-7	R2	No	EDCHTDD-Stage	15/03/2005	15/06/2006	100%		Items_History	IPWireless			
1110	20037	EDCHTDD: Physical Layer	Rel-7	R1	No	EDCHTDD-Phys	15/03/2005	15/09/2006	100%	25.201, 25.221, 25.2	Items_History	IPWireless			
1111	20038	EDCHTDD: Layer 2 and 3 Protocol Aspects	Rel-7	R2	No	EDCHTDD-L23	15/03/2005	15/09/2006	100%	25.301, 25.302, 25.3	Items_History	IPWireless			
1112	20039	EDCHTDD: UTRAN Iub/Iur Protocol Aspects	Rel-7	R3	No	EDCHTDD-IurIub	15/03/2005	15/09/2006	100%	25.401, 25.420, 25.4	Items_History	Interdigital			
1113	20040	EDCHTDD: RF Radio Transmission/ Reception, :	Rel-7	R4	No	EDCHTDD-RF	15/03/2005	15/09/2006	100%	25.102, 25.105, 25.1	Items_History	IPWireless			
1114	20055	1.28 Mcps TDD Enhanced Uplink	Rel-7	RP	No	LCRTDD-EDCH	15/03/2006	15/06/2007	100%	-	RP-060202	CATT			
1115	20056	1.28 Mcps TDD Enhanced Uplink: Physical Laye	Rel-7	R1	No	LCRTDD-EDCH-I	15/03/2006	15/03/2007	100%	25.201, 25.221, 25.2	Work_Items	CATT			
1116	20057	1.28 Mcps TDD Enhanced Uplink: Layer 2 and 3	Rel-7	R2	No	LCRTDD-EDCH-I	15/03/2006	15/03/2007	100%	25.301, 25.302, 25.3	Work_Items	CATT			
1117	20058	1.28 Mcps TDD Enhanced Uplink: UTRAN Iub/Iur	Rel-7	R3	No	LCRTDD-EDCH-I	15/03/2006	15/03/2007	100%	25.401, 25.420, 25.4	Work_Items	CATT			
1118	20059	1.28 Mcps TDD Enhanced Uplink: RF Radio Trar	Rel-7	R4	No	LCRTDD-EDCH-I	15/03/2006	15/06/2007	100%	25.102, 25.105, 25.1	Work_Items	CATT			
1119	350146	1.28 Mcps TDD Enhanced Uplink - UE Confor	Rel-7	R5	Yes	LCRTDD-EDCH-I	20/09/2007	12/09/2008	100%	34.108, 34.122, 34.1	RP-070724	CATT			
1120	50118	MS Antenna Performance Evaluation Method :	Rel-7	GP	No	APEMR	28/01/2005	16/11/2007	100%	25.914, 25.144, 45.0	GP-050284	TeliaSonera			
1121	50119	Lower 700 MHz Inclusion in the GERAN Speci	Rel-7	GP	No	GSM710	03/01/2005	30/06/2006	100%	24.008, 43.022, 44.0	GP-050543	UTC			

ID	Jnique_IC	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	Qtr 3, 2009		
													Jul	Sep	Nov
1122	51138	Inclusion of the 698 – 746 MHz band into GERAN core specific	Rel-7	G1	No	GSM710-core	03/01/2005	30/06/2005	100%	24.008, 43.022, 44.0					
1123	53084	G1 aspects of GSM710	Rel-7	G1	No	GSM-710-test	31/08/2005	30/06/2006	100%	51.021					
1124	55094	G3 aspects of GSM710	Rel-7	G3new	No	GSM-710-test	31/08/2005	30/06/2006	100%	51.010					
1125	50564	Support of Conversational Services in A/Gb m	Rel-7	GP	No	SCSAGB	08/04/2005	31/08/2007	100%	-	GP-061501	Ericsson			
1126	52143	Minimise the transfer delay between the SGSN and the MS	Rel-7	GP	No	SCSAGB-MTD	08/04/2005	31/08/2007	100%		GP-061501	Ericsson			
1127	51137	Definition of radio resource management functionality	Rel-7	G1	No	SCSAGB-RRM	08/04/2005	31/08/2007	100%		GP-061502	Ericsson			
1128	52144	Support of Conversational Services in A/Gb mode via the PS dr	Rel-7	G2	No	SCSAGB-RLCNF	30/06/2006	17/11/2006	100%	43.955, 43.064, 44.0	GP-061503	Ericsson			
1129	52138	<i>Deleted- Radio Channel Support</i>	<i>Rel-7</i>	G2	No	SCSAGB-RCHS	17/07/2006	17/07/2006	100%		GP-051166	Ericsson			
1130	52139	<i>Deleted- Modifications to FLO</i>	<i>Rel-7</i>	G2	No	SCSAGB-FLO	17/07/2006	17/07/2006	100%		GP-051165	Ericsson			
1131	50565	Addition of new frequency band to GSM (T-G5	Rel-7	GP	No	TGSM810	08/04/2005	31/08/2007	100%	45.005, 45.050, 24.0	GP-050945	Huawei			
1132	50566	Changes to core specification	Rel-7	GP	No	TGSM810-Core	08/04/2005	02/09/2005	100%	45.005, 45.050, 24.0	GP-050946	Huawei			
1133	55092	Changes to MS testing specification	Rel-7	G3new	No	TGSM810-MSTes	08/04/2005	31/08/2007	100%	51010-1	GP-050947	Huawei			
1134	53082	Changes to BTS testing specification	Rel-7	G1	No	TGSM810-BTSte	08/04/2005	11/11/2005	100%	51021	GP-050948	Huawei			
1135	50567	Handover of dedicated and shared resources	Rel-7	GP	No	HODSRDTM	08/04/2005	17/11/2006	100%	-	GP-050979	Nokia			
1136	55093	Handover of dedicated and shared resources while in Dual Tra	Rel-7	G2	No	HODSRDTM-G2	08/04/2005	30/06/2006	100%	43.055, 44.018, 44.0	GP-050979	Nokia			
1137	55095	<i>Deleted - MS Conformance Testing</i>	<i>Rel-7</i>	G3new	No	HODSRDTM-Mst	08/04/2005	17/11/2006	100%	51-010	GP-050979	Nokia			
1138	53083	<i>Deleted - BTS conformance testing</i>	<i>Rel-7</i>	G1	No	HODSRDTM-BT	08/04/2005	17/11/2006	100%	51.026	GP-050979	Nokia			
1139	50569	Mobile Station Receive Diversity (DARP Phase	Rel-7	GP	No	MSRD2	11/11/2005	16/11/2007	100%	24.008, 45.005, 51.0	GP-061491	Nokia			
1140	50571	Performance Requirements for Mobile Station Receive Diversity	Rel-7	GP	No	MSRD2-PerfReq	11/11/2005	16/02/2007	100%	45.005	GP-060115	Nokia			
1141	50572	Capability signalling of Mobile Station Receive Diversity, DARP	Rel-7	GP	No	MSRD2-CapSig	11/11/2005	16/02/2007	100%	24.008	GP-060116	Nokia			
1142	50573	Test Scenarios for Mobile Station Receive Diversity, DARP Phase	Rel-7	GP	No	MSRD2-TestSc	11/11/2005	16/02/2007	100%	45.005	GP-060117	Nokia			
1143	50570	MS conformance test of DARP Phase II (MSRD)	Rel-7	GP	No	MSRD2-Msconf	11/11/2005	16/11/2007	100%	51.010	GP-060114	Nokia			
1144	50579	Downlink Dual Carrier	Rel-7	GP	No	GDCDL	20/01/2006	31/08/2007	100%	-	GP-061331	Siemens Networks			
1145	51139	Downlink Dual Carrier Stage 2	Rel-7	G1	No	GDCDL-Stage2	20/01/2006	30/06/2006	100%	43.055, 43.064	GP-060484	Siemens Networks			
1146	52142	Downlink Dual Carrier Stage 3	Rel-7	G1	No	GDCDL-Stage2	20/01/2006	31/08/2007	100%	24.008, 44.018, 44.0	GP-060485	Siemens Networks			
1147	59579	Downlink Dual Carrier – MS Conformance Tes	Rel-7	G3new	No	GDCDL-Stage3	20/01/2006	04/09/2009	100%	51.010	GP-060486	Siemens Networks			
1148	53086	Downlink Dual Carrier – MS Conformance Test	Rel-7	G3new	No	GDCDL-Stage3	20/01/2006	04/09/2009	100%	51.010	GP-060486	Siemens Networks			
1149	50580	Support of SIGTRAN in GERAN	Rel-7	G3new	No	GDCDL-MStest	20/01/2006	30/06/2006	100%	48.001, 48.006, 43.0	GP-060450	Ericsson			
1150	50582	Latency Reductions	Rel-7	GP	No	LATRED	30/06/2006	31/08/2007	100%	45.001, 45.002, 45.0	GP-061519	Ericsson			
1151	52145	Improved Ack/Nack reporting	Rel-7	G2	No	LATRED-ACKNA	30/06/2006	31/08/2007	100%	45.001, 45.002, 45.0	GP-061520	Ericsson			
1152	52146	Reduced TTI	Rel-7	G2	No	LATRED-REDTTI	30/06/2006	31/08/2007	100%	45.001, 45.002, 45.0	GP-061521	Ericsson			
1153	52147	PS Handover between GERAN/UTRAN mode a	Rel-7	G2	No	GUGAN	30/06/2006	16/02/2007	100%	43.318, 44.318, 43.1	GP-061349	Ericsson			
1154	50584	Higher Uplink performance for GERAN Evolut	Rel-7	GP	No	HUGE	08/09/2006	29/08/2008	100%	-	GP-071083	letworks, Ericsson			
1155	51140	Stage 2 of HUGE	Rel-7	G1	No	HUGE-Stage2	08/09/2006	07/09/2007	100%	43.055, 43.064	GP-061902	Networks, Ericsson			
1156	51141	Layer 1 Support of HUGE	Rel-7	G1	No	HUGE-Layer1	08/09/2006	22/02/2008	100%	45.001, 45.002, 45.0	GP-061903	Networks, Ericsson			
1157	52149	Layer 2/3 Support of HUGE	Rel-7	G2	No	HUGE-Layer23	08/09/2006	31/08/2007	100%	24.008, 44.018, 44.0	GP-061904	Networks, Ericsson			
1158	51142	Performance requirements	Rel-7	G1	No	HUGE-Perffreq	08/09/2006	29/08/2008	100%	45.005	GP-061905	Networks, Ericsson			
1159	59584	HUGE Conformance Testing	Rel-7	1,G3new	No	HUGE	08/09/2006	05/03/2010	57%	-	GP-061906	letworks, Ericsson			
1160	53087	HUGE - MS Conformance Test	Rel-7	G3new	No	HUGE-Mstest	08/09/2006	05/03/2010	20%	51.010	GP-061906	Networks, Ericsson			
1161	51143	HUGE - BTS Conformance Test	Rel-7	G1	No	HUGE-BTStest	08/09/2006	04/09/2009	100%	51.021	GP-061907	Networks, Ericsson			
1162	50121	REduced symbol Duration, Higher Order mod	Rel-7	GP	No	REDHOT	17/11/2006	16/05/2008	100%	-	GP-071080	Networks, Marvell			
1163	51144	Stage 2 for REDHOT	Rel-7	G1	No	REDHOT-Stage2	17/11/2006	31/08/2007	100%	43.055, 43.064	GP-062489	is Networks, Marvell			
1164	51145	Stage 3 for REDHOT	Rel-7	G1	No	REDHOT-Stage3	17/11/2006	16/05/2008	100%	24.008, 44.018, 44.0	GP-062490	is Networks, Marvell			

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1165	59121	REDHOT Conformance Testing	Rel-7	1,G3new	No	REDHOT	17/11/2006	05/03/2010	54%	-	ot applicable	Networks, Marvell			
1166	53088	REDHOT - MS Conformance Tests	Rel-7	G3new	No	REDHOT-Mstest	17/11/2006	05/03/2010	20%	51.010	GP-062491	Ericsson			
1167	51146	BTS Conformance Tests	Rel-7	G1	No	REDHOT-BTStes	17/11/2006	15/05/2009	100%	51.021	GP-062492	is Networks, Marvell			
1168	60110	(Small) Technical Enhancements and Improve	Rel-7	All	No	TEI7	26/03/2007	26/03/2007	100%	CP-070260					
1169	32113	<i>Deleted - PS domain and IMS support for IMS Emergency sessions</i>	Rel-7	S2	No	IMS-EMER	23/06/2006	21/09/2006	100%	23.867, 23.abc, 23.0	SP-050604	Nokia			
1170	32114	<i>Deleted - IMS aspects to support IMS Emergency sessions</i>	Rel-7	S2	No	IMS-EMER	23/06/2006	21/09/2006	100%	23.867, 23.abc, 23.0	SP-050604	Nokia			
1171	32115	<i>Deleted - PS domain aspects to support IMS Emergency sessio</i>	Rel-7	S2	No	IMS-EMER	23/06/2006	21/09/2006	100%	23.867, 23.abc, 23.0	SP-050604	Nokia			
1172	31077	<i>Deleted - Covered by SI - Personal Network (PN) and Personal Area</i>	Rel-7	S1	No	PNPAN	08/12/2005	20/12/2005	100%	-	SP-050386	Vodafone			
1173	31078	<i>Deleted - Covered by SI - Multimedia Telephony Capabilities for IMS</i>	Rel-7	S1	No	MITE	08/12/2005	20/12/2005	100%	-	SP-050387	Ericsson			
1174	31079	<i>Deleted - Covered by SI - Transferring of emergency Call data</i>	Rel-7	S1	No	eCALL	08/12/2005	08/12/2005	100%	-	SP-050388	Motorola			
1175	31080	<i>Deleted - Covered by SI - MBMS Enhancements</i>	Rel-7	S1	No	MBMSE	08/12/2005	08/12/2005	100%	-	SP-050389	China Mobile			
1176	32099	<i>Deleted - VoIMS bearer related enhancements</i>	Rel-7	S2	No	VoIMS	21/07/2006	21/07/2006	100%	-					
1177	32098	<i>Deleted - FS on enhancement of radio performance for VoIMS</i>	Rel-7	S2	No	VoIMS	21/07/2006	21/07/2006	100%	23.807	SP-050351	Nortel			
1178	0	Release 7 Studies	Rel-7	3P,RP,SP	No		03/01/2000	03/01/2000	0%	-					
1179	31082	Study on Multimedia Telephony Capabilities for	Rel-7	S1	No	MITE	11/07/2005	31/07/2006	100%	22.973	SP-050387	Ericsson			
1180	7022	<i>Deleted covered by UID_31082 - Study of (MITE) - IMS Multime</i>	Rel-7	S1	No	MITE	11/07/2005	31/07/2006	100%	22.973	SP-050387	Ericsson			
1181	31050	Study on Behaviour of Multi system UEs	Rel-7	S1	No	BMSU	28/06/2004	15/12/2005	100%	22.936	SP-050502	Qualcomm Europe			
1182	31055	Study on Combining CS calls and IMS session	Rel-7	S1	No	IRTSD-CS_IMS	28/06/2004	17/03/2005	100%	22.979	SP-040467				
1183	31059	Study on All-IP Network	Rel-7	S1	No	FS_AIPN	28/06/2004	16/03/2005	100%	22.978	SP-040303	NTT DoCoMo			
1184	31075	Study on Videotelephony teleservice	Rel-7	S1	No	VidTel	01/03/2005	17/01/2006	100%	22.903	SP-050506	T-Mobile			
1185	31073	Study on Network Selection Principles	Rel-7	S1	No	NetSel	15/03/2005	08/12/2005	100%	22.811	SP-050227	O2			
1186	31041	Study on Multimedia Priority Service	Rel-7	S1	No	PRIOR-MM	28/03/2003	30/06/2006	100%	22.953	SP-060329	Telcordia			
1187	31083	Study on Transferring of emergency Call data	Rel-7	S1	No	eCALL	11/07/2005	31/03/2006	100%	22.967	SP-050388	Motorola			
1188	32073	Study on Enhancement of E2E QoS	Rel-7	S2	No	QoS7	28/06/2004	15/09/2005	100%	23.802	SP-040326	Huawei			
1189	7034	Study on Bandwidth Saving at Nb Interface wi	Rel-7	C3	No	BSNblP	10/03/2006	09/03/2007	100%	29.814	CP-060438	Siemens			
1190	14019	Study on Routeing of MT-SMS via the HPLMN	Rel-7	C4	No	SMS7	07/10/2005	01/12/2006	100%	23.840	CP-060701	Vodafone			
1191	7025	Study on the TCAPsec Gateway concept	Rel-7	C4	No	SEC7-TCAP	28/10/2005	10/03/2006	100%	29.800	CP-050687	Siemens			
1192	7050	Study on using M2PA in 3GPP network	Rel-7	C4	No	FS-M2PA	22/03/2006	08/06/2007	100%	29.801	CP-060698	China Mobile			
1193	320018	Study on Support of (G)MSC-S - (G)MSC-S Nc	Rel-7	C4	No	NcSIP	15/05/2006	14/09/2007	100%	29.802	CP-070034	Vodafone			
1194	330002	CT4 aspects of NcSIP	Rel-7	C4	No	NcSIP	15/05/2006	01/06/2007	100%	29.802	CP-070034	Vodafone			
1195	330003	CT3 aspects of NcSIP	Rel-7	C3	No	NcSIP	15/05/2006	14/09/2007	100%	29.802	CP-070034	Ericsson			
1196	35066	Study on SOAP/HTTP IRP Solution Sets	Rel-7	S5	No	OAM7-NIM-XML	02/09/2005	07/12/2006	100%	32.809	SP-050610	Nortel			
1197	35067	Study on Itf-N Implementation Conformance S	Rel-7	S5	No	OAM7-NIM-ICS	02/09/2005	15/03/2007	100%	32.812	SP-050609	China Mobile			
1198	35068	Study on IRP Information Model	Rel-7	S5	No	OAM7-NIM-IM	02/09/2005	15/03/2007	100%	32.810	SP-050611	Motorola			
1199	20023	Study on Evolved UTRA and UTRAN	Rel-7	RP	No	RANFS-Evo	15/12/2004	15/09/2006	100%	25.912	RP-040461	NTT DoCoMo			
1200	20034	Study on Performance Evaluation of the UE b	Rel-7	R4	No	RANFS-HSTrains	15/03/2005	15/06/2006	100%	none	RP-050146	Vodafone			
1201	20041	Study on UTRA Tower Mounted Amplifier (FDI	Rel-7	R4	No	RANFS-TMA	15/06/2005	14/03/2006	100%	25.818	Items_History	Ericsson			
1202	20044	Study on Continuous connectivity for packet c	Rel-7	R1	No	RANFS-cont-pacl	15/03/2005	14/09/2005	100%	none	RP-050391	Siemens			
1203	20051	Study on Improvement of the Multimedia Broa	Rel-7	R2	No	RANFS-MBMSIm	15/12/2005	15/12/2006	100%	25.905	RP-050746	LG Electronics			
1204	20052	Study on Performance Improvements in Small	Rel-7	R4	No	SMALLCELLS	15/12/2005	15/06/2006	100%	none	RP-050782	Cingular			
1205	20053	Study on Further Improved Performance Requ	Rel-7	R4	No	RANFS-IC	15/12/2005	04/06/2007	100%	25.963	RP-050880	Cingular			
1206	20065	Study on Scope of future FDD HSPA Evolution	Rel-7	RP	No	RANFS-HSPAEv	15/03/2006	17/09/2007	100%	25.999	RP-060217	Cingular			
1207	330013	Study on Dynamically reconfiguring a FDD UE	Rel-7	R4	No	FSUEPow	22/06/2007	22/06/2007	100%	25.906	RP-060641	Nokia			

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1208	50568	Study on Future GERAN Evolution	Rel-7	GP	No	FGE	08/04/2005	16/02/2007	100%	45.912	GP-051052	Nokia			
1209	50120	Study on GAN Enhancements	Rel-7	GP	No	EGAN	31/08/2007	31/08/2007	100%	43.902	GP-062298	T-Mobile			
1210	732028	<i>Deleted - covered by UID33027 - IMS security extensions</i>	Rel-7	S3	No	IMS-SE	08/12/2005	08/12/2005	100%	-	SP-050395	Ericsson			
1211	320017	<i>Deleted - covered by 32108 - Study of work on an LCS architecture</i>	Rel-7	S2	No	IMS-SE	08/12/2006	08/12/2006	100%	-		LG Electronics			
1212	32029	<i>Deleted: Study on applicability of GALILEO for LCS</i>	Rel-7	S2	No	Galileo	30/06/2005	30/06/2005	100%	-	SP-020541				
1213	32058	<i>Deleted - TR on Stage 2</i>	Rel-7	S2	No	Galileo	30/06/2005	30/06/2005	100%	-					
1214	50095	<i>Deleted - GERAN review of the TR</i>	Rel-7	GP	No	Galileo	30/06/2005	30/06/2005	100%	-					
1215	32005	<i>Deleted - IMS Local services</i>	Rel-7	S2	No	IMSLocal	06/01/2006	06/01/2006	100%	23.228					
1216	32019	<i>Deleted - Stage 2</i>	Rel-7	S2	No	IMSLocal	06/01/2006	06/01/2006	100%	-					
1217	11035	<i>Deleted - Stage 3 for IMS Local services</i>	Rel-7	C1	No	IMSLocal	06/01/2006	06/01/2006	100%	-		Lucent			
1218	32078	<i>Deleted - IMS Phase 3</i>	Rel-7	S2	No		06/01/2006	06/01/2006	100%	-					
1219	701216	<i>Deleted - Improvements of Radio Interface</i>	Rel-7	RP	No	RlnImp	15/09/2004	15/09/2004	100%	-	_Work_Items				
1220	14018	<i>Deleted: Generic User Profile Phase 2</i>	Rel-7	C4	No		08/08/2005	30/06/2006	100%	-					
1221	42003	<i>Deleted - Stage 3 - Common objects</i>	Rel-7	C4	No		08/08/2005	30/06/2006	100%	24.241	TP-020275				
1222	31087	<i>Delete was duplicated- Study of Customised Alerting Tone (CAT) Re</i>	Rel-7	S1	No	CAT	30/06/2006	30/06/2006	100%	-	SP-050607				
1223	50552	<i>Deleted - FS of enhanced support of Video Telephony</i>	Rel-7	GP	No	VIDGER	30/06/2006	30/06/2006	100%	-	GP-042221	Ericsson			
1224	34040	<i>Deleted (moved to Rel8) - Study on Transferring of emergency call c</i>	Rel-7	S4	No	eCALLIBMS	22/06/2007	22/06/2007	100%	26.967	SP-060935	Airbiquity			
1225	360009	<i>Deleted - covered by UID 20053 - Study on Interference Cancellatio</i>	Rel-7	R4	No	RANFS-InterfCar	28/03/2007	28/03/2007	100%	-					
1226	7011	<i>Deleted - Study of Personal Network and Personal Area Network</i>	Rel-7	S1	No	PNPAN	20/10/2006	20/10/2006	100%	-					
1227	31054	<i>Deleted - Study on IMS with real time services deployment</i>	Rel-7	S1	No	IRTSD	28/06/2004	12/09/2005	100%	-	SP-040465				
1228	32076	<i>Deleted - Study on Stage 2 (IMS services using CS bearers)</i>	Rel-7	S2	No	IRTSD-IMSCS	28/06/2004	12/09/2005	100%	23.899	SP-040479	Nortel			
1229	32112	<i>Deleted - Study on IMS enhancements and optimizations for real tim</i>	Rel-7	S2	No	IMS-RT	10/10/2005	01/06/2007	100%	23.818	SP-050492	Ericsson			
1230	32117	<i>Deleted - Study on Terminating Session handling</i>	Rel-7	S2	No	CSlterm	09/01/2006	29/12/2006	100%	23.819	SP-050811	Samsung			
1231	35045	<i>Deleted - Study on IRP usage scenarios</i>	Rel-7	S5	No	OAM-Study	02/09/2005	07/12/2006	100%	32.8xy	SP-050303	Lucent			
1232	0	Release 6 Features	Rel-6	RP,SP,TP	No		03/01/2000	03/01/2000	0%	-					
1233	1216	Rel-6 Improvements of Radio Interface	Rel-6	RP	No	RlnImp	14/08/2000	14/12/2005	100%	-	Work_Items				
1234	20032	Improved support of IMS Realtime Services using HSDPA/EDC	Rel-6	R2	No	RlnImp-IMSRealT	15/03/2005	14/12/2005	100%	-		Cingular			
1235	24006	Improving Receiver Performance Requirements for the FDD UE	Rel-6	R4	No	RlnImp-UERecPe	08/03/2002	19/09/2003	100%	25.101	Items_History	Intel			
1236	24004	Base station classification	Rel-6	R4	No	RlnImp-BSCClass	14/08/2000	04/12/2002	100%	-					
1237	1476	FDD Base station classification	Rel-6	R4	No	RlnImp-BSCClass-	14/08/2000	04/12/2002	100%	25.104, 25.141	Items_History	Nokia			
1238	24007	UMTS-850	Rel-6	R4	No	RlnImp-UMTS850	06/12/2002	12/12/2003	100%	25.101, 25.104, 25.1	Items_History	Cingular			
1239	24009	DS-CDMA introduction in the 800 MHz band	Rel-6	R4	No	RlnImp-UMTS800	14/03/2003	12/12/2003	100%	25.101, 25.104, 25.1	Items_History	NTT DoCoMo			
1240	24010	UMTS 1.7/2.1 GHz	Rel-6	R4	No	RlnImp-UMTS172	14/03/2003	12/03/2004	100%	25.101, 25.104, 25.1	Items_History	Nokia			
1241	24013	Improved Receiver Performance Requirements for HSDPA	Rel-6	R4	No	RlnImp-HSPerf	15/12/2003	14/06/2005	100%		Work_Items	Nokia			
1242	20011	Improved Minimum Performance Requirements for HSDPA	Rel-6	R4	No	RlnImp-HSPerf-1	15/09/2004	14/06/2005	100%	25.101	Items_History	Nokia			
1243	24014	Performance Requirements of Receive Diversity for HSDP	Rel-6	R4	No	RlnImp-HSPerf-R	15/12/2003	14/03/2005	100%	25.101	Items_History	NTT DoCoMo			
1244	3	Rel-6 RAN Feasibility Studies	Rel-6	RP	No		14/08/2000	14/03/2005	100%	-	ems_History				
1245	23007	FS of the improved access to UE measurement data for CRNC	Rel-6	R3	No	RANimp-RRMopt	06/12/2002	18/12/2003	100%	25.801, 25.423	Items_History	Interdigital			
1246	1506	FS on Radio link performance enhancements	Rel-6	R1	No	RlnImp-Rlperf	14/08/2000	14/09/2004	100%	25.899	_Study_Items	Nokia			
1247	21000	FS on Improvement of inter-frequency and inter-system measur	Rel-6	R1	No	RlnImp-IfIsMLCR	14/12/2001	19/09/2003	100%	25.888	Items_History	Samsung			
1248	21003	FS for the analysis of OFDM for UTRAN enhancement	Rel-6	R1	No	RlnImp-FSOFDM	10/06/2002	14/06/2004	100%	25.892	Items_History	Nortel			
1249	21004	FS on Uplink Enhancements for Dedicated Transport Channels	Rel-6	R1	No	RlnImp-FSUpDTr	06/09/2002	12/03/2004	100%	25.896	Items_History	Nokia			
1250	21005	FS on Analysis on Higher Chip Rates for UTRA TDD evolutions	Rel-6	R1	No	RlnImp-FSVHCR	06/09/2002	14/09/2004	100%	25.895	_Study_Items	IPWireless			

ID	Jnique_IC	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	Qtr 3, 2009		
													Jul	Sep	Nov
1251	24011	FS on Low Output Powers for general purpose FDD BSs	Rel-6	R3	No	RInImp-FSLoPw	13/06/2003	12/03/2004	100%	25.807	Items_History	Telefonica			
1252	21007	FS on Uplink enhancements for UTRA TDD	Rel-6	R1	No	RInImp-FSUpEnh	06/06/2003	14/03/2005	100%	25.804	Study_Items	Interdigital			
1253	24005	FS on UE antenna efficiency test methods performance require	Rel-6	R4	No	RInImp-UEAnTM	08/03/2002	06/09/2002	100%		Items_History	Allgon			
1254	23006	<i>Deleted - FS on the evolution of the UTRAN architecture</i>	Rel-6	R3	No	RANImp-FSEvo	09/09/2002	14/12/2004	100%		Study_Items	Nokia			
1255	20003	FDD Enhanced Uplink	Rel-6	RP	No	EDCH	15/03/2004	14/09/2005	100%	-	Work_Items	Ericsson			
1256	20004	FDD Enhanced Uplink - Stage 2	Rel-6	R2	No	EDCH-Stage2	15/03/2004	14/12/2004	100%	25.309	Work_Items				
1257	20005	FDD Enhanced Uplink - Physical Layer	Rel-6	R1	No	EDCH-Phys	15/03/2004	14/03/2005	100%	25.211, 25.212, 25.2	Work_Items	Nokia			
1258	20006	FDD Enhanced Uplink - Layer 2 and 3 Protocol Aspects	Rel-6	R2	No	EDCH-L23	15/03/2004	14/03/2005	100%	25.301, 25.302, 25.3	Work_Items	Ericsson			
1259	20007	FDD Enhanced Uplink - UTRAN lub/lur Protocol Aspects	Rel-6	R3	No	EDCH-lur lub	15/03/2004	14/03/2005	100%	25.401, 25.420, 25.4	Work_Items	Nortel			
1260	20008	FDD Enhanced Uplink - RF Radio Transmission/ Reception, Sy	Rel-6	R4	No	EDCH-RF	15/03/2004	14/09/2005	100%	25.101, 25.104, 25.1	Work_Items	Ericsson			
1261	9	Rel-6 RAN improvements	Rel-6	RP	No	RANImp	09/09/2002	14/03/2005	100%	-	Work_Items				
1262	624	RAB support enhancement	Rel-6	R2	No	RANImp-RABSE	14/03/2003	14/03/2005	100%	25.862	Work_Items	Nokia			
1263	21008	Optimization of downlink channelisation code utilisation	Rel-6	R1	No	RANImp-RABSE-	12/03/2004	14/03/2005	100%		Work_Items	Nortel			
1264	21009	optimization of channelisation code utilisation for 3.84 Mcp	Rel-6	R1	No	RANImp-RABSE-	15/03/2004	14/03/2005	100%		Items_History	IPWireless			
1265	20013	HS-DPCCH ACK/NACK Enhancement	Rel-6	R1	No	RANImp-RABSE-	15/09/2004	14/12/2004	100%	25.212, 25.214, 24.3		Nokia			
1266	23009	<i>Deleted - lu enhancements for IMS support in RAN</i>	Rel-6	R3	No	RANImp-RABSE-	14/03/2003	03/06/2004	100%		Items_History	Nortel			
1267	23005	<i>Deleted - Improvement of RRM across RNS and RNS/BSs</i>	Rel-6	R3	No	RANImp-RRM1	05/12/2003	05/12/2003	100%		Work_Items	Nokia			
1268	20999	Beamforming Enhancements	Rel-6	R1	No	RANImp-BFE	19/09/2003	19/12/2003	100%	24.215, 25.423, 25.4	Items_History	Nokia			
1269	23012	Rel6 RRM optimization for lur and lub	Rel-6	R3	No	RANImp-RRMop	19/09/2003	12/03/2004	100%		Work_Items	Ericsson			
1270	23014	Improved access to UE measurement data for CRNC to su	Rel-6	R3	No	RANImp-RRMopt	19/09/2003	12/03/2004	100%	25.423	Items_History	Interdigital			
1271	23010	Remote Control of Electrical Tilting Antennas	Rel-6	R3	No	RANImp-TiltAnt	14/03/2003	16/09/2004	100%		Work_Items	Vodafone			
1272	23015	Tilting Antenna - RAN aspects	Rel-6	R3	No	RANImp-TiltAnt	14/03/2003	14/09/2004	100%	25.460, 25.461, 25.4	Work_Items	Vodafone			
1273	35023	OAM&P impacts	Rel-6	S5	No	RANImp-TiltAnt-C	27/02/2004	16/09/2004	100%	32.804, 32.64x	S5-048270	Vodafone			
1274	23011	Network Assisted Cell Change (NACC) from UTRAN to GERAN	Rel-6	R3	No	RANImp-NACC	09/09/2002	15/06/2004	100%		Items_History	Vodafone			
1275	32023	Location Services enhancements 2	Rel-6	\$5,N4,RP	No	LCS2	15/01/2001	16/12/2004	100%	23.271	SP-030127				
1276	32024	Improvement on Le interface	Rel-6	S2	No	LCS2	17/06/2002	15/12/2004	100%	-					
1277	32051	Stage 2	Rel-6	S2	No	LCS2	17/06/2002	22/09/2003	100%	-					
1278	32053	Stage 3 - impacts MLP (Mobile Location Protocol)	Rel-6	OMA	No	LCS2	01/01/2004	15/12/2004	100%	-					
1279	32001	Enhanced support for anonymity and user privacy	Rel-6	S2	No	LCS2	08/07/2002	15/12/2004	100%	-					
1280	32047	Stage 2	Rel-6	S2	No	LCS2	08/07/2002	27/06/2003	100%	-					
1281	32054	Stage 3 - impacts MLP and RLP	Rel-6	OMA	No	LCS2	01/01/2004	15/12/2004	100%	-					
1282	32025	Enhanced inter-GMLC interface	Rel-6	S2	No	LCS2	24/06/2002	15/12/2004	100%	-					
1283	32048	Stage 2	Rel-6	S2	No	LCS2	24/06/2002	05/09/2003	100%	-					
1284	32055	Stage 3 - definition of RLP and PCP	Rel-6	OMA	No	LCS2	01/01/2004	15/12/2004	100%	-					
1285	32012	Location Services support for IMS public identities	Rel-6	S2	No	LCS2	24/02/2003	15/12/2004	100%	-					
1286	32049	Stage 2	Rel-6	S2	No	LCS2	24/02/2003	23/01/2004	100%	-					
1287	32056	Stage 3 - impacts MLP, RLP and PCP	Rel-6	OMA	No	LCS2	01/01/2004	15/12/2004	100%	-					
1288	32026	New area event for location service triggering reports	Rel-6	S2	No	LCS2	03/06/2002	15/12/2004	100%	-					
1289	32050	Stage 2	Rel-6	S2	No	LCS2	03/06/2002	27/06/2003	100%	-					
1290	14015	Stage 3 for UE-CN signalling	Rel-6	N4	No	LCS2	09/10/2003	31/08/2004	100%	-					
1291	32057	Stage 3 - impacts MLP, RLP and PCP	Rel-6	OMA	No	LCS2	01/01/2004	15/12/2004	100%	-					
1292	20001	UE positioning	Rel-6	RP	No	LCS2-UEPos	15/01/2001	14/09/2004	100%	-					
1293	2475	Open SMLC-SRNC Interface within the UTRAN to support	Rel-6	R2	No	LCS-Rel4Pos	15/01/2001	19/09/2003	100%	25.305, 25.401, 25.4	Items_History	Siemens			

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1294	24012	A-GPS minimum performance specification	Rel-6	R4	No	LCS-UEPos-AGP	06/06/2003	14/09/2004	100%	25.171	_Work_Items	AT&T Wireless			
1295	22002	FS on Enhancements to OTDOA Positioning using advanc	Rel-6	R2	No	LCS2-UEpos-FSt	01/07/2002	19/09/2003	100%		Items_History	Positioning Systems			
1296	2457	<i>Deleted - UE positioning enhancements - other methods</i>	Rel-6	R2	No	<i>LCS2-UEpos-ent</i>	26/09/2003	26/09/2003	100%		_Work_Items	Siemens			
1297	35035	LCS charging	Rel-6	S5	No	LCS2-CH	21/03/2003	16/12/2004	100%	32.271	SP-040778	France Telecom			
1298	1571	Rel-6 Security enhancements	Rel-6	S3	No	SEC1	03/01/2001	26/11/2004	100%	-	SP-000421	Vodafone			
1299	2026	Enhanced HE control of security (including positive auther	Rel-6	S3	No	SEC1	03/01/2001	25/09/2003	100%	-	SP-000421	Vodafone			
1300	2027	<i>Deleted - SEC1 Stage 2 (Enhanced HE control of security)</i>	Rel-6	S3	No	SEC1	03/01/2001	14/06/2002	100%	-					
1301	33006	Network domain security	Rel-6	S3	No	SEC1-NDS	17/06/2002	25/09/2003	100%	-	SP-000513	Telenor			
1302	33007	IP network layer security (NDS/IP)	Rel-6	S3	No	SEC1-NDS-IP	17/06/2002	25/09/2003	100%	33.210					
1303	33017	Network Domain Security; Authentication Framework (NDS/AF)	Rel-6	S3	No	SEC1-NDS-AF	15/02/2002	13/02/2004	100%		SP-030108	Nokia			
1304	33019	Key Management of group keys for Voice Group Call Services	Rel-6	S3	No	SECGKYV	26/09/2003	26/11/2004	100%	42.068, 43.068, 44.0	SP-030491	Vodafone			
1305	32021	IMS Phase 2	Rel-6	S3,S5,NP	No	IMS2	28/08/2000	30/12/2005	100%	23.228					
1306	14014	Enhancements to the Cx and Sh interfaces	Rel-6	N4	No	IMS2-CCR	06/06/2003	31/08/2004	100%		NP-030229				
1307	31025	IMS Group Management	Rel-6	S1	No	IMSGM	14/03/2002	08/12/2004	100%	-	SP-020065	Nokia			
1308	31026	Stage 1 - TS on IMS group management	Rel-6	S1	No	IMSGM	14/03/2002	09/12/2002	100%	-		Nokia			
1309	32036	Stage 2	Rel-6	S2	No	IMSGM	26/05/2003	31/12/2003	100%	-					
1310	11036	Stage 3 for IMS Group management (e.g. chat)	Rel-6	N1	No	IMSGM	13/12/2002	08/12/2004	100%		NP-040494	Lucent			
1311	11037	IMS Conferencing	Rel-6	N1	No		04/11/2002	08/12/2004	100%	-					
1312	32037	Stage 2	Rel-6	S2	No		04/11/2002	31/12/2003	100%	-					
1313	32038	Stage 3	Rel-6	N1	No		13/12/2002	08/12/2004	100%		NP-040494	Lucent			
1314	31022	IMS Messaging	Rel-6	S1	No	IMSM	14/03/2002	30/12/2005	100%	-	SP-020065	Nokia			
1315	31023	TR on support of messaging in the IMS	Rel-6	S1	No	IMSM-TR	14/03/2002	09/12/2002	100%	-		Nokia			
1316	31034	Stage 1 22.340	Rel-6	S1	No	IMSM-TS	11/11/2002	11/12/2002	100%	22.340		Nokia			
1317	31033	CRs to 22.140 & 22.228	Rel-6	S1	No	IMSM-CR	14/03/2002	17/03/2003	100%	22.140,22.228		Nokia			
1318	32700	Stage 2	Rel-6	S2	No		04/11/2002	31/08/2004	100%	-					
1319	11039	Stage 3 for IMS Messaging	Rel-6	N1	No		13/12/2002	08/12/2004	100%		NP-040494	Lucent			
1320	60001	SIP/SIMPLE Instant messaging	Rel-6	OMA	No		01/01/2004	30/12/2005	100%	-					
1321	11040	Additional SIP Capabilities support not covered by Rel-5	Rel-6	N1	No		11/11/2002	17/06/2005	100%	-					
1322	32041	Stage 2 for add SIP cap (e.g. forking)	Rel-6	S2	No		11/11/2002	20/02/2004	100%	-					
1323	32042	Stage 3 for Additional SIP Capabilities	Rel-6	N1	No		13/12/2002	08/09/2004	100%		NP-040494	Lucent			
1324	11052	Procedured associated with IMS-ALG	Rel-6	N1	No		06/09/2004	17/06/2005	100%	-					
1325	11041	Review additional SIP Capabilities against IMS	Rel-6	N1	No		13/12/2002	08/09/2004	100%		NP-040494	Lucent			
1326	2048	Interworking between IMS and IP networks	Rel-6	N3	No	IMS-CCR-IWIP	28/08/2000	08/12/2004	100%	23.821, 29.061, 29.1	NP-020091	BT			
1327	13004	Interworking for 3GPP_SIP and IETF_SIP	Rel-6	N3	No		28/08/2000	13/06/2003	100%	New 29.962		Siemens			
1328	13005	Interworking for IPv6 to IPv4	Rel-6	N3	No		28/08/2000	08/12/2004	100%	29.163					
1329	11044	Interworking for IPv6 to IPv4 (SIP / SDP aspects)	Rel-6	N1	No		11/05/2004	08/09/2004	100%	-					
1330	11017	stage 3 of interworking with non-IMS IP networks	Rel-6	N1	No		14/03/2001	08/09/2004	100%	-					
1331	2047	Interworking between IMS and CS networks	Rel-6	N3	No	IMS-CCR-IWCS	28/08/2000	18/03/2004	100%	29.163, 29.061, 24.2	NP-030292	Vodafone			
1332	14001	Mn interface (IM-MGW to MGCF) enhancements (CN4 Part)	Rel-6	N4	No	IMS-CCR-Mn	07/08/2001	01/09/2004	100%	-					
1333	31036	Study of subscriber and operators relationship in IMS and relate	Rel-6	S1	No		15/11/2002	12/12/2002	100%	-		Nokia			
1334	33012	Lawful Interception in the 3GPP Rel-6 architecture	Rel-6	S3	No	SEC1-LI	09/12/2002	18/12/2003	100%	33.106, 33.107, 33.1	SP-030106	Reg TP			
1335	31042	IMS Subscription and access scenarios	Rel-6	S1	No		16/12/2002	13/06/2003	100%	22.800					
1336	35032	IMS charging	Rel-6	S5	No	IMS2-CH	21/03/2003	16/12/2004	100%	32.260	SP-030049	Ericsson			

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1337	11051	IMS Management objects	Rel-6	N1	No		03/09/2004	04/11/2005	100%	24.167	NP-040494				
1338	32027	<i>Deleted - Stage 2 of IMS Phase 2</i>	<i>Rel-6</i>	S2	No	IMS2	19/09/2003	19/09/2003	100%		SP-020544				
1339	32063	3GPP Enablers for services like Push to Talk c	Rel-6	S2,S4,S5	No	PoC	08/09/2003	09/06/2005	100%		SP-030384	Ericsson			
1340	32068	Feasibility Study	Rel-6	S2	No	PoC	08/09/2003	30/11/2004	100%	23.979	SP-030384	Ericsson			
1341	60002	Dependencies on OMA PoC	Rel-6	OMA	No	PoC	01/01/2004	28/02/2005	100%	-					
1342	34029	Selection of one or more PoC codec(s) for PoC	Rel-6	S4	No	PoC	13/09/2004	16/12/2004	100%	26.235, 26.236					
1343	35036	PoC charging	Rel-6	S5	No	PoC-CH	27/09/2004	09/06/2005	100%	32.272	SP-050032	Siemens			
1344	32062	Study on Interworking aspects and migration	Rel-6	S2	No	IPv4IMS	08/09/2003	25/06/2004	100%	23.981	SP-040327	Siemens			
1345	11032	Interoperability and Commonality between IM	Rel-6	S2	No	IMSCOOP	16/09/2002	12/12/2003	100%	23.864					
1346	32028	Stage 2 for Interoperability	Rel-6	S2	No	IMSCOOP	16/09/2002	30/09/2003	100%	23.864	SP-020543	Nokia			
1347	32061	Stage 2 for commonality	Rel-6	S2	No	IMSCOOP	16/09/2002	19/09/2003	100%	23.864	SP-020543	Nokia			
1348	11033	Stage 3	Rel-6	N1	No	IMSCOOP	14/10/2002	12/12/2003	100%		NP-020572	Lucent			
1349	1365	Support of Push Services	Rel-6	S1	No	PUSH	03/01/2001	27/02/2004	100%	23.976	SP-000669	NTT Comware			
1350	31004	Stage 1	Rel-6	S1	No	PUSH	03/01/2001	14/06/2002	100%	-					
1351	32701	TR 23.976 on Push Architecture	Rel-6	S2	No	PUSH	11/11/2002	27/02/2004	100%	23.976	SP-030126	RIM			
1352	42009	Multimedia Messaging (MMS) enhancements	Rel-6	S5,OMA	No	MMS6	15/08/2002	07/12/2005	100%	-	TP-030175	Siemens			
1353	42010	Definition of service requirements	Rel-6	S1	No	MMS6-SR	15/11/2002	19/12/2003	100%	22.140					
1354	31031	Definition of service requirements charging	Rel-6	S1	No	MMS6-SR	15/11/2002	19/12/2003	100%	22.140		Siemens			
1355	42011	Technical realization	Rel-6	T2	No	MMS6	06/09/2002	10/12/2004	100%	23.140		Siemens			
1356	42012	OMA dependencies	Rel-6	OMA	No	MMS6	15/08/2003	29/04/2005	100%	OMA specs					
1357	42013	MMS formats and codecs	Rel-6	S4	No	MMS6-Codec	15/08/2002	07/12/2005	100%	26.140, 26.936		Nokia			
1358	42014	Handling of private addressing schemes in MMS	Rel-6	T2	No	MMS6	10/12/2003	10/12/2004	100%	23.140	TP-030299	T-Mobile			
1359	35034	MMS charging	Rel-6	S5	No	MMS6-CH	21/03/2003	16/09/2004	100%	32.270	SP-040778				
1360	<i>42015</i>	<i>Deleted - FS Multiple MMS Relay/Server Architecture</i>	<i>Rel-6</i>	<i>T2</i>	<i>No</i>	<i>MMS6</i>	<i>10/12/2004</i>	<i>10/12/2004</i>	<i>100%</i>	<i>probably Annex to 2</i>	TP-030301	Telefónica Móviles			
1361	42005	Rel-6 MEXE enhancements	Rel-6	T2	No	MEXE6	08/03/2002	06/06/2003	100%	-					
1362	42006	MEXE Rel-6 Improvements and Investigations	Rel-6	T2	No	MEXE6-ENHANC	08/03/2002	12/03/2003	100%		TP-020017	TTPCom			
1363	42007	MEXE Run-Time Independent Framework Feasibility Study	Rel-6	T2	No	MEXE6-RTIF	08/03/2002	06/06/2003	100%	22.857	TP-020086	Intel			
1364	2062	Subscription Management	Rel-6	S5	No	SuM	20/09/2002	17/03/2005	100%	32.140/1, 32.171/2/3	SP-040763	T-Mobile			
1365	2499	Presence Capability	Rel-6	S1	No	PRESNC	19/03/2001	07/12/2005	100%	-	SP-010064	Motorola			
1366	2501	Stage 1	Rel-6	S1	No	PRESNC	19/03/2001	18/07/2003	100%	22.141					
1367	2502	Stage 2	Rel-6	S2	No	PRESNC	12/09/2001	20/09/2002	100%		SP-010517	Nokia			
1368	2503	Stage 3	Rel-6	N1	No	PRESNC	01/04/2002	08/12/2004	100%		NP-040492	Lucent			
1369	13018	Stage 3 (CN3 Part Pk interface)	Rel-6	N3	No	PRESNC	01/04/2002	11/03/2005	100%	-					
1370	34025	Media Codecs and Formats for IMS Messaging and Presence	Rel-6	S4	No	PRESNC-COFIM	12/06/2003	07/12/2005	100%	26.141, 26.936	SP-030212	Nokia			
1371	2504	Security issues	Rel-6	S3	No	PRESNC	26/08/2002	12/12/2002	100%		SP-020514				
1372	60003	SIMPLE Presence	Rel-6	OMA	No	PRESNC	01/01/2004	31/03/2005	100%	-					
1373	50056	Enhanced A/Gb feasibility study	Rel-6	GP	No	AGbEnFS	30/08/2002	08/11/2002	100%	None	GP-022565	Vodafone			
1374	50057	Feasibility study on A/Gb enhancements	Rel-6	G2	No	AGbEnFS-FS	30/08/2002	08/11/2002	100%	None	GP-022565	Vodafone			
1375	50080	Requirements for the support of conversational services	Rel-6	GP	No	AGbEnFS-FS	30/08/2002	08/11/2002	100%	None					
1376	50084	Identification of the different building blocks for the provisio	Rel-6	GP	No	AGbEnFS-FS	30/08/2002	08/11/2002	100%	None					
1377	50093	Outline of impact and feasibility of these building blocks an	Rel-6	GP	No	AGbEnFS-FS	30/08/2002	08/11/2002	100%	None					
1378	50081	Impact on 3GPP architecture and requirement to co-ordina	Rel-6	GP	No	AGbEnFS-FS	30/08/2002	08/11/2002	100%	None					
1379	50082	Standardisation effort	Rel-6	GP	No	AGbEnFS-FS	30/08/2002	08/11/2002	100%	None					

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1380	50083	Dependency to other features	Rel-6	GP	No	AGbEnFS-FS	30/08/2002	08/11/2002	100%	None					
1381	50063	Flexible Layer One for GERAN	Rel-6	GP	No	FLOGER	03/01/2000	25/06/2004	100%	-	GP-021018	Nokia			
1382	50064	Realisation of a Flexible Layer One	Rel-6	GP	No	FLOGER-Real	03/01/2000	23/04/2004	100%	-	GP-021019	Nokia			
1383	50065	Technical Report	Rel-6	GP	No	FLOGER-Real	19/04/2002	06/02/2004	100%	-					
1384	51002	Architecture in 45.001 and 43.051	Rel-6	G1	No	FLOGER-Real	19/04/2002	23/04/2004	100%	-					
1385	51003	Multiplexing in 45.002	Rel-6	G1	No	FLOGER-Real	19/04/2002	23/04/2004	100%	-					
1386	51004	Channel Coding in 45.003	Rel-6	G1	No	FLOGER-Real	19/04/2002	23/04/2004	100%	-					
1387	51005	Performance Requirements in 45.005	Rel-6	G1	No	FLOGER-Real	03/01/2000	23/04/2004	100%	-					
1388	51006	Radio subsystem link control in 45.008	Rel-6	G1	No	FLOGER-Real	19/04/2002	23/04/2004	100%	-					
1389	52071	Requirements in 44.004	Rel-6	G2	No	FLOGER-Real	19/04/2002	23/04/2004	100%	-					
1390	52072	Signalling and protocol support for a Flexible Layer One	Rel-6	G2	No	FLOGER-SigPro	19/04/2002	25/06/2004	100%	-	GP-021020	Nokia			
1391	52073	Modifications to RLC/MAC in 44.060 and 44.160	Rel-6	G2	No	FLOGER-SigPro	19/04/2002	25/06/2004	100%	-					
1392	52074	Modifications to RRC in 44.118 and 44.018	Rel-6	G2	No	FLOGER-SigPro	19/04/2002	25/06/2004	100%	-					
1393	52075	Security for a Flexible Layer One	Rel-6	S3, G2	No	FLOGER-SecFL	19/04/2002	29/08/2003	100%	-	GP-021021	Nokia			
1394	52076	Ciphering in 44.160,44.118, 44.060 and 44.018	Rel-6	S3, G2	No	FLOGER-SecFL	19/04/2002	29/08/2003	100%	-					
1395	55077	Deleted - GERAN MS Conformance test for the Flexible Layer (Rel-6	G4,G5	No	FLOGER-Msconf	06/02/2004	06/02/2004	100%	-	GP-021022	Nokia			
1396	55078	Deleted at TSG #27 - MS Test in 51.010	Rel-6	G4,G5	No	FLOGER-Msconf	06/02/2004	06/02/2004	100%	-					
1397	55079	Deleted - GERAN BTS Conformance test for the Flexible Layer	Rel-6	G3new	No	FLOGER-BTSconf	06/02/2004	06/02/2004	100%	-	GP-021023	Nokia			
1398	53080	Deleted at TGS #27 - BTS Test in 51.021 - DELETE	Rel-6	G3new	No	FLOGER-BTSconf	06/02/2004	06/02/2004	100%	-					
1399	50041	Uplink TDOA feasibility study	Rel-6	GP	No	TDOAF	30/11/2001	28/06/2002	100%	45.811	GP-012794	TruePosition			
1400	2544	Multimedia Broadcast and Multicast Service	Rel-6	1,RP,GP	No	MBMS	11/05/2001	07/03/2008	100%	-					
1401	2545	Stage 1	Rel-6	S1	No	MBMS	11/05/2001	01/04/2002	100%	22.146, 22.101					
1402	32002	Stage 2	Rel-6	S2	No	MBMS	24/09/2001	17/03/2004	100%	-	SP-010516				
1403	32702	TR on Architectural Study	Rel-6	S2	No	MBMS	24/09/2001	23/08/2002	100%	23.846					
1404	32703	Stage 2 Specification Work	Rel-6	S2	No	MBMS	19/08/2002	17/03/2004	100%	23.246					
1405	2481	Introduction of MBMS in RAN	Rel-6	R2	No	MBMS-RAN	01/01/2002	14/09/2005	100%	25.346, 25.304, 25.3	Work_Items	Nokia			
1406	20022	Introduction of MBMS in RAN (physical & upper layers, acc	Rel-6	R2	No	MBMS-RAN	01/01/2002	14/12/2004	100%	25.346, 25.304, 25.3		Nokia			
1407	20020	UE Performance Requirements for MBMS	Rel-6	R4	No	MBMS-RAN-RF	15/09/2004	14/09/2005	100%	25.101, 25.133	_Work_Items	Ericsson			
1408	11030	Support of the MBMS in CN protocols	Rel-6	N1	No	MBMS	18/06/2002	08/12/2004	100%		NP-040493				
1409	13015	Gmb interface for MBMS (CN3 part)	Rel-6	N3	No	MBMS	29/08/2003	08/12/2004	100%	29.061					
1410	33008	Security Aspects of MBMS	Rel-6	S3	No	MBMS	01/07/2002	18/03/2005	100%		SP-020514	3			
1411	50085	Support of MBMS in GERAN	Rel-6	GP	No	MBMS-GERAN	30/08/2001	28/01/2005	100%	-	GP-022566				
1412	50086	Impact on the logical and physical channels	Rel-6	GP	No	MBMS-GERAN	30/08/2002	28/01/2005	100%	-					
1413	52085	Re-synchronisation at cell change	Rel-6	G2	No	MBMS-GERAN	30/08/2002	28/01/2005	100%	-					
1414	50098	Simultaneous support of MBMS services	Rel-6	GP	No	MBMS-GERAN	30/08/2002	28/01/2005	100%	-					
1415	50099	Simultaneous support of MBMS and non-MBMS services	Rel-6	GP	No	MBMS-GERAN	30/08/2001	28/01/2005	100%	-					
1416	50100	Resynchronisation at cell change	Rel-6	GP	No	MBMS-GERAN	30/08/2001	28/01/2005	100%	-					
1417	50087	Decision making process between point-to-point or pont-to	Rel-6	GP	No	MBMS-GERAN	30/08/2002	28/01/2005	100%	-					
1418	50088	MBMS channel allocations procedures to multiple MSs	Rel-6	GP	No	MBMS-GERAN	30/08/2002	28/01/2005	100%	-					
1419	50089	Changes to the Gb interface	Rel-6	GP	No	MBMS-GERAN	30/08/2002	28/01/2005	100%	-					
1420	50090	GERAN specific changes to the lu-ps interface	Rel-6	GP	No	MBMS-GERAN	30/08/2002	28/01/2005	100%	-					
1421	50091	Interaction between MBMS and lu-flex	Rel-6	GP	No	MBMS-GERAN	30/08/2002	28/01/2005	100%	-					
1422	50092	Security aspects	Rel-6	GP	No	MBMS-GERAN	30/08/2002	28/01/2005	100%	-					

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1423	53081	MBMS-GERAN - MS conformance tests	Rel-6	G3new	No	MBMS-GERAN	25/01/2002	28/01/2005	100%	-					
1424	55091	<i>Deleted - MS conformance tests - G5</i>	Rel-6	G5	No	MBMS-GERAN	27/06/2003	27/06/2003	100%	-					
1425	31045	MBMS User Services	Rel-6	S1	No	MBMS	13/05/2003	16/03/2006	100%	22.246					
1426	31044	MBMS User Services Stage 1	Rel-6	S1	No	MBMS	13/05/2003	01/04/2004	100%	22.246					
1427	34026	Definition of MBMS user services, media codecs, formats :	Rel-6	S4	No	MBMS-TSMBMS	12/06/2003	16/03/2006	100%	26.346, 26.936, 26.9	SP-030674	Nokia			
1428	35038	MBMS charging	Rel-6	S5	No	MBMS-CH	11/01/2005	09/06/2005	100%	32.273	SP-040779				
1429	25024	MBMS UE Conformance Testing	Rel-6	R5,T1	Yes	MBMS-UEConTe	10/03/2006	07/03/2008	100%	34.108, 34.109, 34.	Work Items				
1430	25014	RF/RRM Conformance Test Aspects – MBMS (FDD)	Rel-6	R5,T1	Yes	MBMS-RAN-RF_	02/06/2006	07/03/2008	100%	34.108, 34.109, 34.	Work Items	Ericsson			
1431	25022	Conformance Test Aspects - MBMS for 3.84 Mcps and 7.6	Rel-6	R5,T1	No	MBMS-UEConTe	20/09/2006	07/12/2007	100%	34.108, 34.122, 34.	Work Items	IPWireless			
1432	25023	Signalling Conformance Test Aspects – MBMS for LCR TC	Rel-6	R5,T1	No	MBMS-UEConTe	20/09/2006	07/12/2007	100%	34.108, 34.123-1, 3	Work Items	DATANG			
1433	25011	Conformance Test Aspects – MBMS	Rel-6	R5,T1	No	MBMS_Test	10/03/2006	14/09/2007	100%	34.108, 34.123-1, 3	Work Items	Qualcomm Europe			
1434	25038	Conformance Test Aspects - 1.28 Mcps TDD MBMS RF/R	Rel-6	R5,T1	No	MBMS-UEConTe	01/06/2007	07/12/2007	100%	34.108, 34.109, 34.	Work Items	Datang Mobile			
1435	31006	Speech Recognition and Speech Enabled Ser	Rel-6	S1	No	SRSES	08/10/2001	30/12/2005	100%	-	SP-010572				
1436	31007	Speech Enabled Services Based on Distributed Speech Recog	Rel-6	S1	No	DSR	08/10/2001	15/03/2002	100%	22.941, 23.207, 22.2	SP-010581	Qualcomm Europe			
1437	32999	TR on Architectural impacts	Rel-6	S2	No	SRSES	12/05/2003	02/03/2004	100%	23.877					
1438	34700	Codec Work to Support Speech Recognition Framework for Au	Rel-6	S4	No	SRSES-Codec	15/10/2002	16/12/2004	100%	26.235, 26.236, 26.	SP-020687	Motorola			
1439	60004	Multimodal support	Rel-6	OMA	No	SRSES	01/01/2004	30/12/2005	100%	-					
1440	11021	<i>Deleted - SES codec negotiation at Session Description Protoc</i>	Rel-6	N1	No	SRSES	04/06/2003	04/06/2003	100%	-					
1441	31008	Generic User Profile Rel-6	Rel-6	S1	No	GUP	08/10/2001	03/03/2005	100%	-	SP-040515				
1442	31009	Stage 1 - Requirements	Rel-6	S1	No	GUP	08/10/2001	30/05/2003	100%	22.240, 22.228		T-Mobile			
1443	32008	Stage 2 - Architecture	Rel-6	S2	No	GUP	28/01/2002	06/06/2003	100%	23.240	SP-020539	Nokia			
1444	42002	Stage 2 - Data Description Method	Rel-6	N4	No	GUP	05/12/2002	03/03/2005	100%	23.241	TP-020275	T-Mobile			
1445	14008	Stage 3 - Network	Rel-6	N4	No	GUP	19/05/2003	03/03/2005	100%	29.240					
1446	33009	Security Aspects	Rel-6	S3	No	GUP	16/07/2002	18/09/2003	100%	33.102, 33.203, 33.2	SP-030109	Lucent			
1447	31010	Digital Rights Management	Rel-6	S1	No	DRM	08/10/2001	28/05/2004	100%	-	SP-010577				
1448	31011	Requirements	Rel-6	S1	No	DRM	08/10/2001	13/06/2002	100%	-		Openwave			
1449	60005	Stage 2	Rel-6	OMA	No	DRM	01/01/2004	28/05/2004	100%	-					
1450	60006	Stage 3	Rel-6	OMA	No	DRM	01/01/2004	28/05/2004	100%	-					
1451	33001	Security	Rel-6	OMA	No	DRM	17/06/2002	03/03/2003	100%	-					
1452	31037	<i>Deleted - Monitoring of Stages 2 and 3 progress (actual work to</i>	Rel-6	S1	No	DRM	21/03/2003	21/03/2003	100%	-					
1453	31012	WLAN-UMTS Interworking Rel-6	Rel-6	S1	No	WLAN	03/01/2000	22/09/2005	100%	-	SP-030712	Telenor			
1454	31020	Technical Report	Rel-6	S1	No	WLAN-TR	03/01/2000	13/06/2003	100%	22.934, 22.101, 22.1	SP-030712	Telenor			
1455	31035	Stage 1	Rel-6	S1	No	WLAN-TS	06/01/2003	11/06/2004	100%	22.234	SP-030712	Telenor			
1456	31058	Global stage 1	Rel-6	S1	No	WLAN-TS	06/01/2003	11/06/2004	100%	22.234	SP-030712	Telenor			
1457	32018	Architecture Definition for scenarii 2 and 3	Rel-6	S2	No	WLAN	25/03/2002	31/05/2004	100%	23.234	SP-020542				
1458	32704	Security	Rel-6	S3	No	WLAN	30/09/2002	21/03/2003	100%	21.133, 33.106, 33.1	SP-020514	Ericsson			
1459	14013	Stage 3 - CN4 aspects	Rel-6	N4	No	WLAN-IW	23/05/2003	01/09/2004	100%	29.234, 29.061	NP-030490	Nokia			
1460	13019	Stage 3 - CN3 aspects (Wi Interface for Scenario 3)	Rel-6	N3	No	WLAN	23/05/2003	30/09/2004	100%	29.161					
1461	11042	Stage 3 for scenario 2	Rel-6	N1	No	WLAN	23/05/2003	08/09/2004	100%		NP-030490				
1462	11047	Stage 3 for scenario 3	Rel-6	N1	No	WLAN	23/05/2003	08/12/2004	100%	-					
1463	35033	WLAN charging	Rel-6	S5	No	WLAN-CH	21/03/2003	22/09/2005	100%	32.252	SP-030048	Nokia			
1464	43010	USIM enhancements for WLAN Interworking	Rel-6	T3	No	WLAN	05/09/2003	04/03/2005	100%		TP-030185	Axalto			
1465	31015	Priority Service	Rel-6	S1	No	PRIOR1	30/05/2002	26/09/2003	100%	-	SP-010523	Telcordia			

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1466	31016	Feasibility Study	Rel-6	S1	No	PRIOR-FS	14/06/2002	14/06/2002	100%	22.950	SP-010523	Telcordia			
1467	31017	Stage 1 - Requirements	Rel-6	S1	No	PRIOR-SR	30/05/2002	17/09/2003	100%	-	SP-010523	Telcordia			
1468	31043	Priority service implementation guide	Rel-6	S1	No	PRIOR1	28/03/2003	26/09/2003	100%	22.952	SP-010523	Telcordia			
1469	31018	Network Sharing	Rel-6	S1	No	NTShar	20/01/2003	15/12/2004	100%	-	SP-010739	T-Mobile			
1470	31019	Technical Report	Rel-6	S1	No	NTShar-TR	20/01/2003	19/12/2003	100%	22.951	SP-010739	T-Mobile			
1471	31038	Stage 1 - CRs to implement Network Sharing	Rel-6	S1	No	NTSharCR	20/01/2003	19/12/2003	100%	22.011, 22.101, 22.1	SP-010739	T-Mobile			
1472	32044	Stage 2	Rel-6	S2	No	NTShar	27/02/2003	30/07/2004	100%	23.002, 23.060, 23.2	SP-030123	T-Mobile			
1473	11043	Network sharing - stage 3	Rel-6	N1	No	NTShar	23/05/2003	08/12/2004	100%	23.008, 23.122, 24.0	NP-040429	T-Mobile			
1474	22004	Enhancement of the support of network sharing in the UTRAN	Rel-6	R2	No	NTShar-UTRANE	19/09/2003	15/12/2004	100%	25.401, 25.413, 25.5	_Work_Items	TeliaSonera			
1475	32016	QoS Improvements	Rel-6	S2,N3	No	QoS1	15/07/2002	08/12/2004	100%	23.107, 23.207, 23.2	SP-010719	Nokia			
1476	32017	FS on Dynamic Policy control enhancements for end-to-end QoS	Rel-6	S2	No	QoS1	15/07/2002	23/04/2004	100%	23.917 withdrawn (C	SP-020540	Nortel			
1477	32059	Definition of the Gq interface	Rel-6	S2	No	QoS1	01/07/2003	23/04/2004	100%	23.207	SP-030306				
1478	13016	Gq interface specification for Dynamic Policy control enhancem	Rel-6	N3	No	QoS1	29/08/2003	08/12/2004	100%	29.207, 29.208, 29.2	NP-030198	Nokia			
1479	33002	Subscriber certificates	Rel-6	T3,OMA	No	SEC1-SC	25/02/2002	08/12/2004	100%		SP-010622	Nokia			
1480	32705	Stage 1	Rel-6	S3	No	SEC1-SC	25/02/2002	12/09/2002	100%	33.220, 33.221, 33.2	SP-010622	Nokia			
1481	32706	Architecture review	Rel-6	S2	No	SEC1-SC	14/10/2002	14/11/2002	100%	-		Nokia			
1482	14504	Stage 3	Rel-6	N4,T3	No	SEC1-SC	19/09/2003	30/11/2004	100%	23.003, 23.008, 29.1	NP-030399	Nokia			
1483	11049	Stage 3 Ua & Ub interfaces	Rel-6	N1	No	SEC1-SC	03/11/2003	08/12/2004	100%	24.109		Nokia			
1484	60007	OMA dependencies on Subscriber certificates	Rel-6	OMA	No	SEC1-SC	01/01/2004	08/06/2004	100%	-		Nokia			
1485	15010	Rel-6 OSA enhancements	Rel-6	N5	No	OSA3	31/10/2002	10/03/2005	100%	22.127, 23.198, 29.1	NP-040351	Alcatel			
1486	31040	Scope of the Open Service Access Release 6	Rel-6	S1	No	OSA3	28/03/2003	27/06/2003	100%		SP-030038				
1487	15038	OSA Stage 2	Rel-6	N5	No	OSA3	13/08/2004	10/03/2005	100%	23.198 OSA Stage 2					
1488	15026	Multi Media Messaging function	Rel-6	N5	No	OSA3	31/10/2002	10/09/2004	100%	29.198-15					
1489	15028	Policy management extensions	Rel-6	N5	No	OSA3	31/10/2002	12/12/2003	100%	29.198, 29.998					
1490	15029	TS on Presence and Availability Management (from the PRESN	Rel-6	N5	No	OSA3	31/10/2002	26/03/2004	100%	29.198-14					
1491	15032	OSA interfaces at different levels of abstractions (Parlay X, Wei	Rel-6	N5	No	OSA3	14/07/2003	10/09/2004	100%	29.199					
1492	15033	Introduction of migration support mechanism	Rel-6	N5	No	OSA3	31/10/2002	10/12/2003	100%	29.198, 29.998					
1493	15036	Framework Function for Federation	Rel-6	N5	No	OSA3	03/02/2003	12/12/2003	100%	29.198, 29.998					
1494	60008	OMA potential overlaps with 3GPP OSA Stage 3 (Web services	Rel-6	OMA	No	OSA3	18/12/2003	16/09/2004	100%	-					
1495	15037	<i>Deleted - TR on Presence and Availability Management (from th</i>	Rel-6	N5	No	OSA3	17/09/2004	17/09/2004	100%	-					
1496	50401	Addition of frequency bands to GSM (TAPS)	Rel-6	GP	No	TAPS	28/06/2002	28/01/2005	100%	-	GP-022072	Nokia			
1497	50094	Addition of frequency bands to GSM – Changes to core sp	Rel-6	G1	No	TAPS-Specs	15/11/2002	20/12/2002	100%	-	GP-022073	Nokia			
1498	51102	Changes to core specs	Rel-6	G1	No	TAPS-Specs	15/11/2002	20/12/2002	100%	-	GP-022073	Nokia			
1499	54102	<i>Deleted - Addition of frequency bands to GSM – Changes for co</i>	Rel-6	G4	No	TAPS-Conf	28/06/2002	28/01/2005	100%	-	GP-022074	Nokia			
1500	54103	<i>Deleted - 51.010-1 Add testing</i>	Rel-6	G4	No	TAPS-Conf	28/06/2002	28/01/2005	100%	-	GP-022074	Nokia			
1501	50130	Seamless support of streaming services in A/	Rel-6	GP	No	SSStrea	03/01/2000	17/06/2005	100%	-	GP-022561	Vodafone			
1502	51131	Identification of requirements for streaming	Rel-6	G1	No	SSStrea	27/06/2003	29/08/2003	100%	-	GP-022564	Vodafone			
1503	51133	Requirements	Rel-6	G1	No	SSStrea	27/06/2003	29/08/2003	100%	-		Vodafone			
1504	51132	Performance study of cell change mechanisms	Rel-6	G1	No	SSStrea	03/01/2000	29/08/2003	100%	-	GP-022562	Vodafone			
1505	51134	Performance of NACC	Rel-6	G1	No	SSStrea	03/01/2000	29/08/2003	100%	-		Vodafone			
1506	51135	Performance of cell change in DTM for the PS domain	Rel-6	G1	No	SSStrea	03/01/2000	29/08/2003	100%	-		Vodafone			
1507	51136	Handover	Rel-6	G1	No	SSStrea	03/01/2000	29/08/2003	100%	-		Vodafone			
1508	52131	Reduction of service interruption times and packet loss du	Rel-6	G2	No	SSStrea	27/06/2003	17/06/2005	100%	-	GP-022563	Vodafone			

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1509	52133	optimizations of existing mechanisms/procedures	Rel-6	G2	No	SSStrea	27/06/2003	21/11/2003	100%	-		Vodafone			
1510	52134	Inter-system NACC	Rel-6	G2	No	SSStrea	27/06/2003	21/11/2003	100%	-		Vodafone			
1511	52135	PS Handover (within GERAN and between GERAN and U	Rel-6	G2	No	SSStrea	27/06/2003	17/06/2005	100%	-		Vodafone			
1512	52136	Dependency to other features	Rel-6	G2	No	SSStrea	27/06/2003	21/11/2003	100%	-		Vodafone			
1513	54131	Deleted - MS conformance testing	Rel-6	G3new	No	SSStrea	19/12/2003	30/01/2004	100%	-	GP-023424	Vodafone			
1514	54132	Deleted - MS conformance tests	Rel-6	G4,G5	No	SSStrea	19/12/2003	30/01/2004	100%	-	GP-023424	Vodafone			
1515	33013	GERAN A/Gb mode security enhancements	Rel-6	S3	No	SSStrea	26/09/2002	28/01/2005	100%	33.102	SP-030107	Vodafone			
1516	34300	Performance characterisation of default code	Rel-6	S4	No	CODCAR	13/09/2002	10/06/2004	100%	26.935	SP-020433	Nokia			
1517	31030	Study on Privacy Capability	Rel-6	S1	No	PrivCap	10/11/2003	03/03/2004	100%	22.949	SP-020579	Lucent			
1518	35010	OAM&P Rel-6	Rel-6	S5	No	OAM	12/09/2002	11/03/2005	100%	-	SP-040766	Motorola			
1519	35011	Principles, high level Requirements and Architecture	Rel-6	S5	No	OAM-AR	12/09/2002	16/09/2004	100%	32.101, 32.102	SP-040767	Motorola			
1520	35012	Performance Management	Rel-6	S5	No	OAM-PM	12/09/2002	16/12/2004	100%	32.401/3, 52.402, 32	SP-040782	Nortel			
1521	35014	Network Infrastructure Management	Rel-6	S5	No	OAM-NIM	12/09/2002	16/12/2004	100%	32.15x, 32.3/6/7xy	SP-040789	Ericsson			
1522	35015	Trace Management Rel-6	Rel-6	S5	No	OAM-Trace	20/09/2002	11/03/2005	100%	32.42x, 52.008	SP-040782	Nokia			
1523	35022	Subscriber and UE trace management	Rel-6	S5	No	OAM-Trace	20/09/2002	16/12/2004	100%	32.421/2/3, 52.008		Nokia			
1524	23013	Subscriber and equipment trace in UTRAN	Rel-6	R3	No	OAM-Trace-RAN	06/06/2003	15/06/2004	100%	25.413, 25.420, 25.4	Items_History	Nortel			
1525	14016	Trace Management, Stage3	Rel-6	N4	No	OAM-Trace	09/06/2004	11/03/2005	100%	23.205, 29.232, 29.	NP-040411	Nokia			
1526	35016	Charging Management	Rel-6	S5	No	CH	21/11/2002	09/06/2005	100%	32.2xy	SP-040773	T-Mobile			
1527	35037	Charging architecture and principles	Rel-6	S5	No	CH	21/03/2003	16/09/2004	100%	32.240					
1528	35024	Charging Data Record (CDR) file format and transfer	Rel-6	S5	No	CH	21/03/2003	18/03/2004	100%	32.297					
1529	35025	CDR parameter description	Rel-6	S5	No	CH	21/03/2003	09/06/2005	100%	32.298					
1530	35026	Diameter charging applications	Rel-6	S5	No	CH	21/03/2003	16/09/2004	100%	32.299					
1531	35027	Online Charging System (OCS) architecture study	Rel-6	S5	No	CH	21/03/2003	18/09/2003	100%	32.815					
1532	35028	OCS: Applications and interfaces	Rel-6	S5	No	CH	21/03/2003	16/12/2004	100%	32.296					
1533	35017	Charging Management for Bearer level	Rel-6	S5	No	CH-BC	21/03/2003	16/09/2004	100%	-	SP-030048	Nokia			
1534	35029	CS domain charging	Rel-6	S5	No	CH	21/03/2003	18/03/2004	100%	32.250					
1535	35030	PS domain charging	Rel-6	S5	No	CH	21/03/2003	16/09/2004	100%	32.251					
1536	35031	CDR transfer	Rel-6	S5	No	CH	21/03/2003	16/09/2004	100%	32.295					
1537	35018	Charging Management for the IMS	Rel-6	S5	No	IMS2-CH	21/03/2003	16/12/2004	100%	32.260	SP-030049	Ericsson			
1538	35019	Charging Management for the Service domain	Rel-6	S5	No	CH	21/03/2003	09/06/2005	100%	32.252, 32.270, 32.2	SP-040778	Siemens			
1539	32030	Overall architectural aspects of IP flow based bearer level c	Rel-6	S2	No	CH-FBC	21/11/2002	11/03/2005	100%	23.125	SP-040041				
1540	32069	Overall definition of FBC architecture	Rel-6	S2	No	CH-FBC	21/11/2002	02/03/2004	100%	-					
1541	32070	Study on providing policy control with FBC	Rel-6	S2	No	CH-FBC	02/02/2004	30/07/2004	100%	-					
1542	13020	Gx interface for flow based charging	Rel-6	N3	No	CH-FBC	02/02/2004	08/12/2004	100%	29.210	NP-040245	Nokia			
1543	13021	Rx interface for flow based charging	Rel-6	N3	No	CH-FBC	02/02/2004	11/03/2005	100%	29.209	NP-040339	Nortel			
1544	1800	Rel-6 UICC/USIM enhancements and interworl	Rel-6	T3	No	USAT1	25/09/2000	10/03/2005	100%		not needed				
1545	1802	UICC API	Rel-6	T3	No	USAT1-API	20/03/2002	10/03/2005	100%	-	not needed				
1546	43001	Java API Test specification	Rel-6	T3	No	USAT1-API	20/03/2002	10/06/2002	100%		TP-020029	lectrónica Española			
1547	43006	2G/3G Java Card™ API based applet interworking	Rel-6	T3	No	USAT1-API	17/03/2003	05/03/2004	100%		TP-030031	Arthur Card Systems			
1548	43007	(U)SIM API for Java Card Testing	Rel-6	T3	No	USAT1-API	17/03/2003	10/03/2005	100%	31.213	TP-040186	Axalto			
1549	43003	Deleted - Java API Test specification (TS 43.019 Rel-5)	Rel-6	T3	No	USAT1-API	30/05/2002	09/06/2003	100%		TP-020122	lectrónica Española			
1550	43004	Rel-6 USIM toolkit enhancements	Rel-6	T3	No	USAT1-API-MUL	25/09/2000	04/03/2005	100%	-	not needed	Aspects Software			
1551	502031	C SIM API	Rel-6	T3	No	USAT1-API-MUL	25/09/2000	27/09/2002	100%	31.101, 31.102, 31.1	TP-000155	Aspects Software			

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1552	502032	Specification	Rel-6	T3	No	USAT1-API-MUL	25/09/2000	27/09/2002	100%		TP-000155	Aspects Software			
1553	502033	Test specification	Rel-6	T3	No	USAT1-API-MUL	01/01/2001	28/09/2001	100%		TP-000155	Aspects Software			
1554	43009	USIM application toolkit Conformance Test Specification fo	Rel-6	T3	No	USAT1-API-MUL	05/12/2003	04/03/2005	100%	31.124	TP-030259	Gemplus			
1555	34022	Packet Switched Streaming Services Rel-6	Rel-6	S4,S1	No	PSSrel6	18/11/2002	07/12/2005	100%	-	SP-020685	Ericsson			
1556	31039	Stage 1	Rel-6	S1	No	PSSrel6	18/11/2002	17/03/2003	100%	22.233	SP-020685	Ericsson			
1557	34024	Stage 3	Rel-6	S4	No	PSSrel6-Stage3	13/12/2002	07/12/2005	100%	26.233, 26.234, 26.2	SP-020685	Ericsson			
1558	34023	AMR-WB extension for high audio quality	Rel-6	S4	No	AMRWB+	13/12/2002	07/12/2005	100%	26.290, 26.304, 26.2	SP-030083	Nokia			
1559	34027	Codec Enhancements for Packet Switched Co	Rel-6	S4	No	CEPSCM	16/03/2004	16/12/2004	100%	26.235, 26.236	SP-040066	Nokia			
1560	34028	3G-324M Improvements	Rel-6	S4	No	3G-324MI	16/03/2004	16/12/2004	100%	26.111, 26.911	SP-040067	Ericsson			
1561	51101	Single Antenna Receiver Interference Cancell	Rel-6	GP,G1	No	SAIC	15/11/2002	25/06/2004	100%	45.903	GP-023400	Cingular			
1562	12006	Enhancement of dialled service for CAMEL	Rel-6	S1,N2,N4	No	EDCAMEL	28/03/2003	31/12/2003	100%	22.078	SP-020818	Samsung			
1563	12007	Stages 2 and 3	Rel-6	N2,N4	No	EDCAMEL	28/03/2003	31/12/2003	100%	23.008, 23.016, 23.0	NP-030153	Samsung			
1564	32060	Study on Bandwidth and resource savings in	Rel-6	S2	No	BARS	01/06/2003	16/06/2004	100%	23.977	SP-030308				
1565	33018	FS on (U)SIM Security Reuse by Peripheral De	Rel-6	S3	No		03/07/2003	26/12/2003	100%	33.817	SP-030341	Toshiba			
1566	50600	Multiple TBF in A/Gb mode	Rel-6	GP,G2	No	MULTBF	05/04/2002	28/01/2005	100%	-	GP-021263	Ericsson			
1567	50601	Multiple TBF in A/Gb mode	Rel-6	GP,G2	No	MULTBF-Agbmc	05/04/2002	29/08/2003	100%	-	GP-021263	Ericsson			
1568	50602	Multiple TBF Concept paper	Rel-6	GP,G2	No	MULTBF-Agbmc	05/04/2002	29/08/2003	100%	-					
1569	50603	Multiple TBF Stage 2 (43.064) CRs	Rel-6	GP,G2	No	MULTBF-Agbmc	05/04/2002	29/08/2003	100%	-					
1570	50604	Multiple TBF Stage 3 (44.060) CRs	Rel-6	GP,G2	No	MULTBF-Agbmc	05/04/2002	29/08/2003	100%	-					
1571	50605	<i>Deleted - Multiple TBF in A/Gb mode - MS testing</i>	Rel-6	G3new	No	MULTBF-Testing	28/01/2005	28/01/2005	100%		GP-022098	Ericsson			
1572	50096	Alignment between the test-regimes for GERA	Rel-6	G3new	No	ALTERE	29/08/2003	02/09/2005	100%	-	GP-032236	Ericsson			
1573	50097	Determine the controversial test cases in the different test regin	Rel-6	G3new	No	ALTERE-TC	29/08/2003	02/09/2005	100%	-					
1574	50444	Addition of U-TDOA in the CS domain	Rel-6	GP	No	UTDOACS	21/11/2003	23/04/2004	100%	-	GP-032773	TruePosition			
1575	50445	Addition of U-TDOA in the PS domain	Rel-6	GP	No	UTDOAPS	27/06/2003	12/11/2004	100%	-	GP-032774	TruePosition			
1576	50101	Downlink Advanced Receiver Performance	Rel-6	GP	No	DARP	21/11/2003	02/09/2005	100%	-	GP-041966	Nokia			
1577	50102	DARP test scenarios	Rel-6	GP	No	DARP-TS	21/11/2003	27/08/2004	100%		GP-041967	Nokia			
1578	50103	DARP for GMSK modulated voice services	Rel-6	GP	No	DARP-GMSK	06/02/2004	12/11/2004	100%	-	GP-041968	Nokia			
1579	50104	Performance requirements in 45.005	Rel-6	GP	No	DARP-GMSK-Pe	06/02/2004	12/11/2004	100%	-					
1580	50105	Radio subsystem link control in 45.008	Rel-6	GP	No	DARP-GMSK-LC	06/02/2004	12/11/2004	100%	-					
1581	50106	DARP for GPRS and EGPRS MCS1-MCS4	Rel-6	GP	No	DARP-GPRSE	06/02/2004	12/11/2004	100%	-	GP-041969	Nokia			
1582	50107	Performance requirements in 45.005	Rel-6	GP	No	DARP-GPRSE-P	06/02/2004	12/11/2004	100%	-					
1583	50108	Radio subsystem link control in 45.008	Rel-6	GP	No	DARP-GPRSE-L	06/02/2004	12/11/2004	100%	-					
1584	50115	DARP Capability signalling	Rel-6	GP	No	DARP-CAPSIG	21/11/2003	12/11/2004	100%		GP-041970	Nokia			
1585	50116	GERAN MS Conformance test for DARP	Rel-6	G3new	No	ARP-ConfTest	27/08/2004	02/09/2005	100%		GP-041971	Nokia			
1586	50109	Reduction of PS service interruption in Dual T	Rel-6	G2	No	PSintDTM	21/11/2003	24/06/2005	100%	-	GP-032548	Siemens			
1587	50110	Use case and requirement definition	Rel-6	G2	No	PSintDTM-Req	21/11/2003	23/04/2004	100%		GP-032549	Siemens			
1588	50111	Performance Study of Current Procedures	Rel-6	G2	No	PSintDTM-Perf	21/11/2003	23/04/2004	100%		GP-032550	Siemens			
1589	50112	Reduction of service interruption times and packet loss during I	Rel-6	G2	No	PSintDTM-Reduc	23/04/2004	12/11/2004	100%		GP-032551	Siemens			
1590	50113	<i>Deleted - MS Conformance testing - Reduction of PS service in</i>	Rel-6	G3new	No	PSintDTM-ConfM	25/06/2004	24/06/2005	100%	-					
1591	50114	<i>Deleted - BTS Conformance testing - Reduction of PS service in</i>	Rel-6	G3new	No	PSintDTM-ConfB	24/06/2005	24/06/2005	100%	-					
1592	12008	CAMEL prepay interworking with SCUDIF	Rel-6	N4,N3,S1	No	SCCAMEL	08/12/2003	05/10/2004	100%	22.078, 23.078, 29.0	NP-030584	Nokia			
1593	31046	Circuit Switched Video and Voice Service Imp	Rel-6	S2,C1	No	CS_VSS	12/01/2004	02/09/2005	100%	-	SP-040331	Vodafone			
1594	31047	<i>Deleted - Stage 1 - Requirements</i>	Rel-6	S1	No	CS_VSS	12/01/2004	14/10/2004	100%	22.101	SP-040331	Vodafone			

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1595	32071	Stage 2 Study on architecture alternatives	Rel-6	S2	No	CS_VSS	12/01/2004	16/12/2004	100%	23.903	SP-040331	Vodafone			
1596	32072	Deleted - Stage 2 description on Redial	Rel-6	S2	No	CS_VSS	03/05/2004	16/12/2004	100%	-	SP-040331	Vodafone			
1597	11053	Switching between voice and video call - Redial solution	Rel-6	C1	No	CS_VSS	03/01/2005	17/06/2005	100%	23.009, 24.008	SP-040331	Vodafone			
1598	52137	Deleted - CS_VSS - GERAN2 Part	Rel-6	G2	No	CS_VSS	02/09/2005	02/09/2005	100%	-	SP-040331	Vodafone			
1599	13017	Deleted - CS_VSS - CN3 Part	Rel-6	N3	No	CS_VSS	14/10/2004	14/10/2004	100%	-	SP-040331	Vodafone			
1600	33020	Network Domain Security; MAP application la	Rel-6	S3	No	MAPSEC	06/07/2004	29/12/2004	100%	-	SP-040280	Vodafone			
1601	33021	FS on Security for early IMS	Rel-6	S3	No	SEC-IMS	01/10/2004	28/03/2005	100%	33.978	SP-040691	Vodafone			
1602	13024	Reorganisation of CS Data Specifications	Rel-6	N3	No	CS Data	19/11/2004	08/12/2004	100%	23.910, 29.007, new	NP-040563	Siemens			
1603	50553	Generic Access to A/Gb Interface (GAAI)	Rel-6	GP	No	GAAI	25/06/2004	20/01/2006	100%	-	GP-042247	Motorola			
1604	50544	FS on GAAI	Rel-6	GP	No	GAAG	25/06/2004	27/08/2004	100%	43.901	GP-041592	Motorola			
1605	50554	GAAI – Stage 2	Rel-6	GP	No	GAAI-Stage2	27/08/2004	08/04/2005	100%	43.318		Ericsson			
1606	50555	GAAI – Stage 3	Rel-6	GP	No	GAAI-Stage3	27/08/2004	08/04/2005	100%	44.318					
1607	50556	MS Conformance Test for GAAI	Rel-6	GP	No	GAAI-CT	27/08/2004	20/01/2006	100%	-					
1608	50559	Support of PS Handover for GERAN A/Gb mo	Rel-6	GP,G2	No	SPSHAGB	03/11/2003	24/08/2005	100%	-	GP-051160	Ericsson			
1609	50560	Stage 2	Rel-6	GP,G2	No	SPSHAGB-Stage	03/11/2003	24/08/2005	100%	43.129	GP-051161	Ericsson			
1610	50561	PS handover	Rel-6	GP,G2	No	SPSHAGB-PSHC	03/11/2003	24/08/2005	100%		GP-051162	Ericsson			
1611	50562	Definition of radio resource management functionality	Rel-6	GP,G2	No	SPSHAGB-RRM	03/11/2003	24/08/2005	100%		GP-051163	Ericsson			
1612	60111	small Technical Enhancements and Improver	Rel-6	All	No	TEI6	02/06/2006	06/05/2008	100%	-					
1613	25019	Small Technical Enhancements and Improvements for Rel-6 Cc	Rel-6	R5,T1	Yes	TEI6_Test	02/06/2006	06/05/2008	100%	34.108,34.121-1/2,3	_Work_Items				
1614	31029	Deleted - Study of Feature Interactions Requirements	Rel-6	S1	No	FINTER	01/10/2004	01/10/2004	100%	-	SP-020578				
1615	50563	Deleted - Enhancements of VGCS in public networks for communica	Rel-6	GP,G2	No	EVGCS	24/08/2005	02/09/2005	100%	44.018, 44.068, 48.0	GP-041837	Siemens			
1616	50500	Deleted - Support of Conversational Services in A/Gb mode via the I	Rel-6	GP	No	SCSAGB	21/11/2003	19/02/2004	100%	-	GP-030443	Ericsson			
1617	50501	Delete - Creation of a TR	Rel-6	GP	No	SCSAGB-TR	21/11/2003	21/11/2003	100%		GP-030444	Ericsson			
1618	50502	Delete - Stage 2	Rel-6	GP	No	SCSAGB-Stage2	21/11/2003	21/11/2003	100%		GP-030445	Ericsson			
1619	50503	Delete - Radio Channel Support	Rel-6	GP	No	SCSAGB-RCS	21/11/2003	21/11/2003	100%		GP-030446	Ericsson			
1620	50504	Delete - Definition of radio resource management functionality	Rel-6	GP,G2	No	SCSAGB-RRM	21/11/2003	21/11/2003	100%		GP-030447	Ericsson			
1621	50505	Delete, replaced by 50561 - PS Handover	Rel-6	GP, N1	No	SCSAGB-PSH	21/11/2003	19/02/2004	100%		GP-030448	Ericsson			
1622	50506	Delete - Modifications to FLO	Rel-6	GP,G2	No	SCSAGB-FLO	21/11/2003	21/11/2003	100%		GP-030449	Ericsson			
1623	2	Deleted - Rel-6 Evolutions of the transport in the UTRAN	Rel-6	RP	No	ETRAN	31/12/2003	31/12/2003	100%	-	_Work_Items	Alcatel			
1624	0	Release 5 Features	Rel-5	RP,SP,TP	No		03/01/2000	03/01/2000	0%	-					
1625	625	IP transport in the UTRAN	Rel-5	R3	No	ETRAN-IPtrans	17/07/2000	29/03/2002	100%	-	RAN_Wis	Alcatel			
1626	2455	FS on Usage of SUA	Rel-5	N4	No	SS7IP	12/03/2001	21/12/2001	100%	-	NP-010460				
1627	2476	High Speed Downlink Packet Access	Rel-5	R2	No	HSDPA	02/04/2001	06/06/2003	100%	-	RAN_Wis	Motorola			
1628	2477	Physical Layer	Rel-5	R1	No	HSDPA-Phys	05/04/2001	29/03/2002	100%		RP-010262	Motorola			
1629	2478	Layer 2 and 3 aspects	Rel-5	R2	No	HSDPA-L23	05/04/2001	29/03/2002	100%		RAN_Wis	Motorola			
1630	2479	lub/lur protocol aspects	Rel-5	R3	No	HSDPA-lub/lur	02/04/2001	29/03/2002	100%		RP-010262	Motorola			
1631	2480	RF Radio Transmission/ Reception, System Performance Requ	Rel-5	R4	No	HSDPA-RF	09/04/2001	06/06/2003	100%		RP-010262	Motorola			
1632	501216	Rel-5 Improvements of Radio Interface	Rel-5	RP	No	RInImp	14/08/2000	30/08/2002	100%	-	RAN_Wis				
1633	1471	Base station classification	Rel-5	R4	No	RInImp-BSCClass	14/08/2000	14/06/2002	100%	-	RAN_Wis	Nokia			
1634	1477	TDD Base station classification	Rel-5	R4	No	RInImp-BSCClass-	14/08/2000	08/03/2002	100%		RAN_Wis	Nokia			
1635	24002	Base Station Classification for 1.28 Mcps TDD option	Rel-5	R4	No	RInImp-BSCClass-	15/06/2001	14/06/2002	100%	-		Siemens			
1636	2469	Enhancement on the DSCH hard split mode	Rel-5	R1	No	RInImp-DSCHhsç	16/03/2001	29/03/2002	100%	-		Samsung			
1637	1217	Hybrid ARQ II/III	Rel-5	R2	No	RInImp-HARQ	21/08/2000	28/12/2001	100%		RAN_Wis	Siemens			

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1638	1221	FS on USTS	Rel-5	R1	No	RInImp-USTS	14/08/2000	21/12/2001	100%		RAN_Sis	SK Telecom			
1639	1997	FS on UE antenna efficiency test method performance requirem	Rel-5	R4	No	RInImp-UEAnTM	25/09/2000	14/09/2001	100%		RAN_Sis	Alligon			
1640	2494	FS on the re-introduction of the downlink SIR measurement	Rel-5	R4	No	RInImp-SIR	12/03/2001	14/12/2001	100%	-		Ericsson			
1641	2493	FS on mitigating the effect of CPICH interference at the UE	Rel-5	R4	No	RInImp-CPICH_Ir	19/03/2001	08/03/2002	100%	-		Intel			
1642	1839	<i>Deleted - Conformance Test Spec. improvements in Radio Inte</i>	Rel-5	T1	No		18/02/2002	30/08/2002	100%	-					
1643	2210	<i>Deleted - Testing improvement of inter-frequency and inter</i>	Rel-5	T1	No		18/02/2002	30/08/2002	100%	-					
1644	2211	<i>Deleted - Testing Hybrid ARQ II/III</i>	Rel-5	T1	No		18/02/2002	30/08/2002	100%	-					
1645	500009	Rel-5 RAN improvements	Rel-5	RP	No	RANimp	16/03/2001	01/03/2004	100%	-	RAN_Wis				
1646	656	RRM optimization for Iur and Iub	Rel-5	R3	No	RANimp-RRMop	16/03/2001	04/06/2002	100%	-	RAN_Wis	Ericsson			
1647	23000	Iur common transport channel efficiency optimization	Rel-5	R3	No	RANimp-RRMopt	16/03/2001	29/03/2002	100%	-		Ericsson			
1648	23001	Iur neighbouring cell reporting efficiency optimization	Rel-5	R3	No	RANimp-RRMopt	16/03/2001	29/03/2002	100%	-		Ericsson			
1649	23002	FS Introduction of direct transport bearers between SRNC	Rel-5	R3	No	RAN-imp-RRMop	15/06/2001	04/06/2002	100%	-		Ericsson			
1650	2488	RL Timing Adjustment	Rel-5	R3	No	RANimp-RLTA	16/03/2001	29/03/2002	100%	-		Ericsson			
1651	2489	Separation of resource reservation and radio link activation	Rel-5	R3	No	RANimp-SepRR	16/03/2001	29/03/2002	100%	-		Ericsson			
1652	23003	FS SRNS Relocation Procedure Enhancement	Rel-5	R3	No	RANimp-SRNS	15/06/2001	03/09/2002	100%	-		Nokia			
1653	2490	FS Improvement of Radio Resource Management across RNS	Rel-5	R3	No	RANimp-ImpRRM	16/03/2001	21/12/2001	100%	-		Nokia			
1654	2491	Re-arrangements of Iub transport bearers	Rel-5	R3	No	RANimp-TTPS	16/03/2001	29/03/2002	100%	-		Nokia			
1655	22000	RAB support enhancement for Rel-5	Rel-5	R2	No	RANimp-RABSEt	02/04/2001	28/06/2002	100%		RAN_Wis	Nokia			
1656	21001	Beamforming requirements for UE	Rel-5	R1	No	RANimp-BFR-UE	21/09/2001	14/12/2001	100%	-		Nokia			
1657	21002	Support of Site Selection Diversity Transmission in UTRAN	Rel-5	R1	No	RANimp-SSDT	14/12/2001	04/06/2002	100%	-		NEC			
1658	2472	Node B Synchronisation for 1.28 Mcps TDD	Rel-5	R1	No	RANimp-NBSLCF	16/03/2001	29/03/2002	100%	-		CATT			
1659	2102	<i>Deleted - Conformance Test Aspects - RAN Improvements</i>	Rel-5	T1	No		01/01/2002	01/03/2004	100%	0%					
1660	2222	<i>Deleted - Testing Radio access bearer support enhancem</i>	Rel-5	T1	No		01/01/2002	02/09/2002	100%	-					
1661	41010	<i>Deleted - General changes to TS34.121 and TS34.122 cor</i>	Rel-5	T1	No	RANimp-test	03/03/2003	01/03/2004	100%	34.108, 34.121, 34.1					
1662	23004	UTRAN Sharing in Connected Mode	Rel-5	R3	No	NETSHARE	03/12/2001	03/09/2002	100%	-		Ericsson			
1663	1273	Provisioning of IP-based multimedia services	Rel-5	S1,S2,S5	No	IMS	03/01/2000	03/03/2004	100%	-	SP-000216	Openwave			
1664	1274	Call control and roaming to support IMS in UMTS	Rel-5	S2	No	IMS-CCR	03/01/2000	14/06/2002	100%	-	SP-010339	Lucent			
1665	1633	Stage 1	Rel-5	S1	No	IMS-CCR	21/02/2000	15/12/2000	100%	22.228		Motorola			
1666	1514	Stage 2 (Architecture and Main flows)	Rel-5	S2	No	IMS-CCR	14/04/2000	23/03/2001	100%	23.228	SP-000289	Lucent			
1667	1296	Impact on MM/CC/SM	Rel-5	N1	No	IMS-CCR-IWMM	28/08/2000	08/03/2002	100%		NP-010434	Lucent			
1668	2233	SIP Call Control protocol for the IMS	Rel-5	N1	No	IMS-CCR	03/01/2000	14/06/2002	100%	24.228, 24.229, 23.	NP-010643	Lucent			
1669	1998	IMS signalling flows	Rel-5	N1	No	IMS-CCR	02/10/2000	22/03/2002	100%	24.228					
1670	1278	IMS stage 3	Rel-5	N1	No	IMS-CCR	02/10/2000	22/03/2002	100%	24.229					
1671	2255	IMS Session Handling; stage 2	Rel-5	N1	No	IMS-CCR	02/10/2000	22/03/2002	100%	23.218					
1672	10004	Main IETF dependencies	Rel-5	NP	No	IMS	03/01/2000	07/06/2002	100%	-					
1673	2521	IETF: RFC 3261 (Session Initiation Protocol)	Rel-5	N1	No	IMS	24/11/2000	22/03/2002	100%	-					
1674	2523	IETF: RFC 3262 (Reliability of provisional respon	Rel-5	N1	No	IMS	24/11/2000	22/03/2002	100%	-					
1675	2522	IETF: RFC 3312 (Without COMET)(Integration of	Rel-5	N1	No	IMS	24/11/2000	13/05/2002	100%	-					
1676	2524	IETF: RFC 3323 (SIP extensions for caller identit	Rel-5	N1	No	IMS	24/11/2000	13/05/2002	100%	-					
1677	2525	IETF: RFC 3313 (SIP extensions for media authc	Rel-5	N1	No	IMS	24/11/2000	13/05/2002	100%	-					
1678	11000	IETF: RFC 3265 (specific event notification)	Rel-5	N1	No	IMS	24/11/2000	22/03/2002	100%	-					
1679	11001	IETF: RFC editor Queue (refer method)	Rel-5	N1	No	IMS	24/11/2000	07/06/2002	100%	-					
1680	11002	IETF: RFC editor Queue (DHCP options for SIP s	Rel-5	N1	No	IMS	24/11/2000	13/05/2002	100%	-					

ID	Jnique_IC	Name	Release	Resource Names	Modifié	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	Qtr 3, 2009		
													Jul	Sep	Nov
1681	11004	IETF: RFC 3267 (AMR and AMR WB RTP and S	Rel-5	N1	No	IMS	24/11/2000	22/03/2002	100%	-					
1682	11005	IETF: RFC 3266 (IPv6 support within SDP)	Rel-5	N1	No	IMS	03/01/2000	22/03/2002	100%	-					
1683	11022	IETF: RFC 3311 (The Update method)	Rel-5	N1	No	IMS	24/11/2000	13/05/2002	100%	-					
1684	11023	IETF: RFC 3324 (Network Asserted Identity)	Rel-5	N1	No	IMS	24/11/2000	13/05/2002	100%	-					
1685	11024	IETF: RFC editor Queue (Various 3GPP Private	Rel-5	N1	No	IMS	24/11/2000	13/05/2002	100%	-					
1686	1290	Addressing	Rel-5	S2	No	IMS	09/10/2000	22/03/2002	100%	-					
1687	1291	Architectural issues	Rel-5	S2	No	IMS	09/10/2000	31/08/2001	100%	-					
1688	1292	Impact on HSS	Rel-5	N4	No	IMS	15/11/2000	22/03/2002	100%	-					
1689	2530	Service Examples (Work stopped)	Rel-5	S1	No	IMS-Sex	17/04/2001	14/06/2002	100%	22.928		Motorola			
1690	2531	IMS Framework Report (work stopped)	Rel-5	S1	No	IMS-FrWk	17/04/2001	14/06/2002	100%	22.941		SBC			
1691	1298	Access Security for IMS	Rel-5	S3	No	IMS-ASEC	08/10/2001	28/06/2002	100%	-	SP-010323	Ericsson			
1692	43000	IMS impacts on UICC (ISIM application)	Rel-5	T3	No		08/10/2001	21/06/2002	100%		TP-010251	Vodafone			
1693	11014	SIP extensions for Integrity protection	Rel-5	N1	No		17/12/2001	28/06/2002	100%	-					
1694	2574	Security Aspects of Requirement for Network Configuration Indr	Rel-5	S3	No	SEC1-NCI	02/07/2001	28/12/2001	100%		SP-010324	AT&T Wireless			
1695	1299	Lawful interception	Rel-5	S3	No	IMS-LI	04/09/2000	29/03/2002	100%		SP-010621	Reg TP			
1696	35007	Charging and OAM&P for IMS	Rel-5	S5	No	IMS-OAM	25/12/2000	12/06/2002	100%	32-series	SP-010461	iceStream, Motorola			
1697	2036	Multimedia codecs and protocols for conversational PS se	Rel-5	S4	No	IMS-CODEC	26/07/2000	27/09/2002	100%	26.235, 26.236	SP-000398	Toshiba, Nokia			
1698	2039	Codecs	Rel-5	S4	No		26/07/2000	14/03/2002	100%	26.235, 26.236	SP-000398				
1699	34020	Transport protocols	Rel-5	S4	No	IMS-CODEC	12/03/2002	12/03/2002	100%	26.236		Nokia			
1700	34006	recommendation for QoS parameter values for various me	Rel-5	S4	No		31/12/2001	27/09/2002	100%	-					
1701	11025	IETF: RFC 3310 (HTTP Digest Authentication using AKA)	Rel-5	N1	No		24/11/2000	13/05/2002	100%	-					
1702	11026	IETF: RFC 3329 (Security mechanism agreement for SIP c	Rel-5	N1	No		24/11/2000	13/05/2002	100%	-					
1703	32003	SIP message compression	Rel-5	S2	No		24/09/2001	07/06/2002	100%	-					
1704	32004	Stage 2	Rel-5	S2	No		24/09/2001	26/10/2001	100%	-					
1705	11015	Compression signalling	Rel-5	N1	No		28/09/2001	07/06/2002	100%	-					
1706	10001	Stage 3 description of IMS interfaces	Rel-5	NP	No		14/03/2001	30/08/2002	100%	-					
1707	1286	Cx interface (HSS to CSCF)	Rel-5	N4	No		14/03/2001	07/06/2002	100%		NP-010626				
1708	14997	Mp interface (MRFC - MRFP) enhancements	Rel-5	N4	No		14/03/2001	08/03/2002	100%	-					
1709	11016	Mw interface (CSCF to P-CSCF)	Rel-5	N1	No		14/03/2001	07/06/2002	100%	-					
1710	11018	Mr interface (CSCF to MRF)	Rel-5	N1	No		14/03/2001	29/03/2002	100%	-					
1711	14003	Dx interface (I-CSCF to SLF)	Rel-5	N4	No		14/03/2001	07/06/2002	100%	-					
1712	13001	Go interface (GGSN to PCF)	Rel-5	N3	No		14/03/2001	07/06/2002	100%	-					
1713	11019	ISC (IMS Service Control) Interface	Rel-5	N1	No		14/03/2001	07/06/2002	100%	-					
1714	14006	Sh interface (HSS to AS)	Rel-5	N4	No		14/02/2002	07/06/2002	100%	-					
1715	14998	Si interface (HSS to IM-SSF)	Rel-5	N4	No		16/01/2002	30/08/2002	100%	-					
1716	11020	Gm interface (UE to CSCF)	Rel-5	N1	No		14/03/2001	07/06/2002	100%	-					
1717	11027	Mi interface (CSCF to BGCF)	Rel-5	N1	No		14/03/2001	07/06/2002	100%	-					
1718	11028	Mj interface (BGCF to MGCF)	Rel-5	N1	No		14/03/2001	07/06/2002	100%	-					
1719	11029	Mk interface (BGCF to BGCF)	Rel-5	N1	No		14/03/2001	07/06/2002	100%	-					
1720	1310	Support of VHE/OSA by entities and protocols of the IMS (e.g. C	Rel-5	N5	No	IMS-ONOSA	21/09/2001	07/06/2002	100%	29.198, 29.998	NP-010692	Ericsson			
1721	12000	CAMEL control of IMS services	Rel-5	N2	No	IMS-CAMEL	16/04/2001	06/09/2002	100%	-	NP-020305	Lucent			
1722	12001	Stage2 work 'general'	Rel-5	N2	No		16/04/2001	06/09/2002	100%	-					
1723	12002	Stage3 work 'CAP'	Rel-5	N2	No		07/01/2002	06/09/2002	100%	-					

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													Jul	Sep	Nov
1724	12003	Stage2 work 'Si interface'	Rel-5	N2	No		07/01/2002	06/09/2002	100%	-					
1725	12004	Stage3 work 'Si interface'	Rel-5	N4	No		14/02/2002	07/06/2002	100%	-					
1726	14004	<i>Deleted - SDM issues for CAMEL control of IMS</i>	Rel-5	N4	No		14/02/2002	07/06/2002	100%	-					
1727	31002	Pre-pay/real-time charging in IMS	Rel-5	S1	No		15/06/2001	15/03/2002	100%	-					
1728	35005	Charging	Rel-5	S2,S5	No	OAM-CH	06/08/2001	12/09/2002	100%	32.225	SP-010631	T-Mobile			
1729	32006	Charging Implications of IMS architecture	Rel-5	S2	No		06/08/2001	16/11/2001	100%		SP-010519				
1730	35006	Charging management for IMS (off-line & on-line)	Rel-5	S5	No	OAM-CH	19/11/2001	12/09/2002	100%	32.225					
1731	34012	Billing, accounting and call detail record aspects	Rel-5	S5	No	OAM-CH	27/09/2001	12/09/2002	100%	32.225	SP-010631	T-Mobile			
1732	10002	Other IETF dependencies	Rel-5	NP	No		24/11/2000	07/06/2002	100%	-					
1733	11011	IETF: draft-ietf-aaa-diameter - should be CN4	Rel-5	NP	No		24/11/2000	07/06/2002	100%	-					
1734	11999	IETF: draft-johansson-aaa-diameter-mm-app - should be C	Rel-5	NP	No		24/11/2000	07/06/2002	100%	-					
1735	1844	Conformance Test Aspects - Provisioning of IMS	Rel-5	T1	No	IMS-TEST	18/03/2002	27/12/2002	100%	-					
1736	41004	Testing of support for IMS - prose	Rel-5	T1	No		18/09/2002	30/09/2003	100%	34.108, 34.123	TP-030052	Anritsu			
1737	41005	Testing of support for IMS - TTCN	Rel-5	T1	No		18/09/2002	03/03/2004	100%	34.108, 34.123	TP-030052	Anritsu			
1738	34001	Extended Transparent End-to-End PS Streami	Rel-5	S4	No	PSS-E	03/01/2002	17/03/2003	100%	26.233, 26.234	SP-010392	Ericsson			
1739	34002	Stage 1	Rel-5	S1	No		18/11/2002	17/03/2003	100%	22.233	SP-010392	Vodafone			
1740	31032	Interaction with other services	Rel-5	S1	No		18/11/2002	17/03/2003	100%	22.233		Vodafone			
1741	34003	Stage 2 (version Rel5 of TS 26.234)	Rel-5	S4	No		03/01/2002	14/03/2002	100%	26.234	SP-010392				
1742	34019	RTP usage model	Rel-5	S4	No		03/01/2002	06/12/2002	100%	26.937					
1743	501637	Rel-5 OSA enhancements	Rel-5	S1	No	OSA1	27/04/1999	20/12/2002	100%	22.127, 23.127, 29.1	SP-000216	Siemens			
1744	32010	General Stage 2 for Rel5	Rel-5	S2	No		11/09/2001	07/06/2002	100%	-					
1745	1429	OSA APIs for Multimedia Call Control	Rel-5	S2	No	OSA1-CSCF	11/07/2000	07/06/2002	100%	-					
1746	1430	Stage 1	Rel-5	S1	No		11/07/2000	14/03/2002	100%	22.127		Siemens			
1747	15002	(Multimedia) Call Control - Stages 2 and 3	Rel-5	N5	No		11/09/2001	07/06/2002	100%	29.198-04					
1748	15003	Generic user interaction - Stage 3	Rel-5	N5	No		11/09/2001	07/06/2002	100%	29.198-05					
1749	15004	Charging - Stage 3	Rel-5	N5	No		11/09/2001	07/06/2002	100%	29.198-12					
1750	15007	Call Control Service Mapping; Multiparty Call Control SIP - Stag	Rel-5	N5	No		11/09/2001	07/06/2002	100%	29.998-04-4					
1751	15999	WSDL APIs for SOAP/HTTP - Stage 3	Rel-5	N5	No		11/09/2000	07/06/2002	100%	29.198, 29.998					
1752	1419	OSA security	Rel-5	S3	No	OSA1-SEC	11/07/2000	20/12/2002	100%	-	SP-000302	BT			
1753	2121	Stage 1	Rel-5	S1	No		11/07/2000	09/11/2001	100%	22.127		Siemens			
1754	1421	Stage 3	Rel-5	S3	No		23/10/2000	14/06/2002	100%	-					
1755	1422	security related SCF(s) definition	Rel-5	N5	No		21/09/2001	07/06/2002	100%	29.198, 29.998	NP-010692	Ericsson			
1756	1423	(possibly) changes required from supporting platforms, e.g	Rel-5	S3	No		11/09/2000	14/12/2000	100%	-					
1757	15017	Security (moved from Rel-6)	Rel-5	S3	No		14/03/2002	20/12/2002	100%	-					
1758	401424	Interactions OSA - e-commerce	Rel-5	S2	No	OSA1-ECOM	27/04/1999	07/06/2002	100%	-					
1759	1425	Stage 1	Rel-5	S1	No		27/04/1999	28/12/2000	100%	22.127		Siemens			
1760	1529	Stages 2 and 3	Rel-5	N5	No		21/09/2001	07/06/2002	100%	29.198, 29.998	NP-010692	Ericsson			
1761	15005	Policy Management - Stage 3	Rel-5	N5	No		11/09/2001	07/06/2002	100%	29.198-13					
1762	15006	Presence and Availability Management (PAM) - Stage 3	Rel-5	N5	No		11/09/2001	07/06/2002	100%	29.198-14					
1763	1786	CHECK STATUS - LCS - OSA interfaces	Rel-5	S1	No	OSA1-LCSI	11/09/2000	07/06/2002	100%	-		Siemens			
1764	1787	Stage 1	Rel-5	S1	No		11/09/2000	08/12/2000	100%	22.127		Siemens			
1765	2124	Stage 2	Rel-5	S2	No		11/12/2000	11/12/2000	100%	23.127		Ericsson			
1766	1788	Stage 3	Rel-5	N5	No		21/09/2001	07/06/2002	100%	29.198, 29.998	NP-010692	Ericsson			

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1767	2540	Access to User Profile	Rel-5	S1	No	OSA2-UP	01/06/2001	20/12/2001	100%	-					
1768	1433	Retrieval of Terminal capabilities	Rel-5	S2	No	OSA2-TC	11/07/2000	13/12/2002	100%	-					
1769	1434	Stage 1	Rel-5	S1	No		11/07/2000	10/01/2001	100%	22.127		Siemens			
1770	1436	Stages 2 and 3	Rel-5	N5	No		21/09/2001	13/12/2002	100%	29.198, 29.998	NP-010692	Ericsson			
1771	2122	Provisioning of the terminal capabilities	Rel-5	T2	No		02/04/2001	13/12/2002	100%	23.057					
1772	1638	CAMEL phase 4	Rel-5	S1	No	CAMEL4	17/04/2000	06/09/2002	100%	-	NP-020486	Nokia			
1773	1461	Service requirements	Rel-5	S1	No		17/04/2000	14/06/2002	100%	-					
1774	2012	Call Party Handling	Rel-5	N2	No	CAMEL4-CPH	10/07/2000	07/06/2002	100%	-					
1775	2013	Mid call procedure for MO and MT calls	Rel-5	N2	No	CAMEL4-MCP	17/07/2000	07/06/2002	100%	-					
1776	2014	Interactions with Optimal Routing	Rel-5	N2	No	CAMEL4-IOR	17/07/2000	08/03/2002	100%	-					
1777	2015	Inclusion of flexible tone injection	Rel-5	N2	No	CAMEL4-IFT1	17/07/2000	08/03/2002	100%	-					
1778	2016	CSE control over MT SMS	Rel-5	N2	No	CAMEL4-CCSM	17/07/2000	08/03/2002	100%	-					
1779	2460	Notification of GPRS mobility management to CSE	Rel-5	N2	No	CAMEL4-NMM	02/03/2001	07/06/2002	100%	-					
1780	2458	Provision of location information of called subscriber	Rel-5	N2	No	CAMEL4-LOCB	02/03/2001	08/03/2002	100%	-					
1781	2514	Inclusion of ODB data in the CSE_HLR interface	Rel-5	N2	No	CAMEL4-ODB	09/07/2001	08/03/2002	100%	-					
1782	2515	Location information during an ongoing call (Handover DP)	Rel-5	N2	No	CAMEL4-HODP	14/05/2001	07/06/2002	100%	-					
1783	2516	GPRS Any Time Interrogation	Rel-5	N2	No	CAMEL4-ATI	09/07/2001	07/06/2002	100%	-					
1784	2599	Transfer of IMEI (with SW version) to CSE	Rel-5	N2	No	CAMEL4-ATI	09/07/2001	07/06/2002	100%	-					
1785	12005	Handling of partial implementations of CAMEL4	Rel-5	N2	No	CAMEL4-SUB	08/03/2002	06/09/2002	100%	-					
1786	2464	Rel-5 MEXE enhancements	Rel-5	T2	No	MEXE5	26/03/2001	08/03/2002	100%	-					
1787	2466	MEXE Rel-5 Improvements and Investigations	Rel-5	T2	No	MEXE5-ENHANC	26/03/2001	08/03/2002	100%	22.057, 23.057	TP-010071	Motorola			
1788	1625	Wideband Telephony Service - AMR	Rel-5	S4	No	AMRWB	01/01/2000	19/12/2003	100%	-	SP-99354	Siemens			
1789	62	Specification	Rel-5	S4	No		01/01/2000	07/06/2002	100%	-					
1790	31005	Stage 1	Rel-5	S1	No		01/10/2001	22/03/2002	100%	-					
1791	32007	Stage 2	Rel-5	S4	No		03/01/2000	17/04/2000	100%	-					
1792	1459	Design Constraints	Rel-5	S4[96%]	No		03/01/2000	07/02/2000	100%	-					
1793	1460	General Description	Rel-5	S4	No		07/02/2000	17/04/2000	100%	-					
1794	1626	Feasibility Study	Rel-5	S4	No		28/04/2000	02/06/2000	100%	26.901	SP-000024				
1795	1656	N1 Aspects	Rel-5	N1	No		21/09/2001	21/12/2001	100%	-					
1796	14005	N4 work	Rel-5	N4	No		13/02/2002	07/06/2002	100%		N4-010538				
1797	67	Codec issues	Rel-5	S4	No		03/01/2000	07/06/2002	100%	-					
1798	1627	Codec qualification	Rel-5	S4	No		02/02/2000	31/05/2000	100%	-					
1799	74	Codec selection tests	Rel-5	S4	No		01/06/2000	20/10/2000	100%	-					
1800	891	Codec selection	Rel-5	S4	No		23/10/2000	27/10/2000	100%	-					
1801	34007	TFO AMR-WB	Rel-5	S4	No	AMRWB-TFO	18/12/2001	14/03/2002	100%	-					
1802	890	Other codec issues (verif., characterization)	Rel-5	S4	No		29/09/2000	07/06/2002	100%	26.976					
1803	34008	AMR-WB and narrowband interworking	Rel-5	S4	No	AMRWB-IWG	27/09/2001	14/03/2002	100%	-					
1804	34009	Interworking with fixed broadband networks	Rel-5	S4	No		27/09/2001	14/03/2002	100%	-					
1805	34010	Tones and announcements	Rel-5	S4	No		27/09/2001	14/03/2002	100%	-					
1806	34011	<i>Deleted - WB Conferencing and WB Voice Group call</i>	Rel-5	S1	No		03/01/2000	03/01/2000	100%	-					
1807	1855	Conformance tests (CRs to 34 series)	Rel-5	T1	No		01/01/2000	12/04/2000	100%	-					
1808	76	Terminal Acoustic Characteristics	Rel-5	S4	No		01/01/2000	12/04/2000	100%	-					
1809	1628	Definition	Rel-5	S4[95%]	No		01/01/2000	31/01/2000	100%	26.131					

ID	Jnique_IC	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	Qtr 3, 2009		
													Jul	Sep	Nov
1810	1629	Test specification	Rel-5	S4	No		01/02/2000	12/04/2000	100%	26.132					
1811	34004	Floating-point ANSI-C code for the AMR-WB speech codec	Rel-5	S4	No	AMRWB-FP	25/09/2001	14/03/2002	100%	26.204	SP-010459	Nokia			
1812	80	Support of AMR-WB in GERAN: GMSK and 8PSK WB FR / I	Rel-5	GP	No	GAMRWB	03/01/2000	28/06/2002	100%	-	GP-000453				
1813	50298	Channel coding in 45.003	Rel-5	GP	No		03/01/2000	05/04/2002	100%	-					
1814	2266	Signalling for the A interface	Rel-5	GP	No		03/01/2000	29/06/2001	100%	-					
1815	2267	Signalling for lu	Rel-5	GP	No		03/01/2000	28/06/2002	100%	-					
1816	2268	Receiver performance in TS 45.005	Rel-5	GP	No		02/04/2001	28/06/2002	100%	-					
1817	50000	Link Adaptation in 45.009	Rel-5	GP	No		26/03/2001	28/06/2002	100%	-					
1818	2269	<i>Deleted - GERAN MS conformance test for AMR-WB</i>	Rel-5	GP	No		03/01/2000	19/12/2003	100%	-	GP-000454				
1819	2270	<i>Deleted - MS test for AMR-WB</i>	Rel-5	GP	No		03/01/2000	19/12/2003	100%	-					
1820	2271	GERAN BTS conformance test for AMR-WB	Rel-5	GP	No		03/01/2000	02/12/2002	100%	-	GP-000455				
1821	2272	BTS test	Rel-5	GP	No		03/01/2000	02/12/2002	100%	-					
1822	1826	Terminal interfaces	Rel-5	T2	No	TI	14/05/2001	20/03/2002	100%	-	not needed				
1823	2573	Terminal local model enhancements	Rel-5	T2	No	TLM5	14/05/2001	20/03/2002	100%	23.227	TP-010224				
1824	1536	Rel-5 Location Services enhancements	Rel-5	S2,S5	No	LCS1	03/04/2000	27/06/2003	100%	-	SP-010518	Nokia			
1825	1600	UE positioning	Rel-5	RP	No	LCS1-UEpos	15/01/2001	29/03/2002	100%		RAN_Wis				
1826	2474	UE positioning enhancements for 1.28 Mcps TDD	Rel-5	R2	No	LCS-128Pos	09/04/2001	29/03/2002	100%		RAN_Wis	CATT			
1827	2125	Open SMLC-SRNC Interface within the UTRAN to support	Rel-5	R2	No	LCS-INTF	15/01/2001	12/10/2001	100%		RAN_Wis	Qualcomm Europe			
1828	1171	Event based and Periodic LCS	Rel-5	S1	No	LCS1-EBP	22/05/2000	07/06/2002	100%	-					
1829	1641	Stage 1	Rel-5	S1	No		22/05/2000	17/11/2000	100%	22.071		Pacific Bell Wireless			
1830	1538	Stage 2 specification	Rel-5	S2	No		06/11/2000	26/01/2001	100%	-					
1831	1179	Impact on MAP	Rel-5	N4	No		15/03/2002	07/06/2002	100%	-					
1832	2436	Location Services for GERAN in A/Gb Mode	Rel-5	GP	No	LCS-GERAN	03/04/2000	08/02/2002	100%	-	GP-011925				
1833	2437	GERAN LCS Stage 2 (first release)	Rel-5	32,G1,G2	No		03/04/2000	08/02/2002	100%	-					
1834	2438	Gb interface support for LCS	Rel-5	GP	No		03/04/2000	31/08/2001	100%	-					
1835	2440	L3 protocol support for LCS	Rel-5	GP	No		03/04/2000	01/06/2001	100%	-					
1836	2441	Stage 3 specifications	Rel-5	GP	No		03/04/2000	01/06/2001	100%	-					
1837	2442	Location Services for GERAN in lu Mode	Rel-5	32,R2,R3	No		03/04/2000	28/06/2002	100%	-	GP-011926				
1838	2443	GERAN LCS Stage 2	Rel-5	32,G1,G2	No		03/04/2000	28/06/2002	100%	-					
1839	2444	lu-ps interface support for LCS	Rel-5	R2,R3	No		03/04/2000	28/06/2002	100%	-					
1840	2445	lu-cs interface support for LCS	Rel-5	R2,R3	No		03/04/2000	28/06/2002	100%	-					
1841	2446	lu-r-g interface support for LCS	Rel-5	G1,G2	No		23/01/2002	19/04/2002	100%	-					
1842	2447	RRC protocol support for LCS	Rel-5	32,R2,R3	No		20/08/2001	30/11/2001	100%	-					
1843	2448	Additional impacts on Broadcast of LCS data on packet ch	Rel-5	32,R2,R3	No		20/08/2001	05/12/2001	100%	-					
1844	2449	Stage 3 specifications	Rel-5	32,R2,R3	No		25/03/2002	28/06/2002	100%	-					
1845	50068	GERAN MS Conformance test for LCS	Rel-5	GP	No	LCS-GERAN-MS	03/06/2002	27/06/2003	100%	-	GP-000458				
1846	55069	Develop LCS MS test case work plan (Release 98/99/4)	Rel-5	G4,G5	No		03/06/2002	27/06/2003	100%	-					
1847	55070	Develop LCS MS test cases	Rel-5	G4,G5	No		03/06/2002	27/06/2003	100%	-					
1848	50069	<i>Deleted - GERAN BTS Conformance test for LCS</i>	Rel-5	GP	No	LCS-GERAN-BT	03/06/2002	27/06/2003	100%	-	GP-000459				
1849	55071	<i>Deleted - Develop LCS BTS test case work plan (Release</i>	Rel-5	G4,G5	No		03/06/2002	27/06/2003	100%	-					
1850	55072	<i>Deleted - Develop LCS BTS test cases</i>	Rel-5	G4,G5	No		03/06/2002	27/06/2003	100%	-					
1851	544	LCS interoperation stage 2 aspects	Rel-5	S2	No		28/08/2000	28/06/2002	100%	-					
1852	2434	LCS interoperability aspects to GERAN	Rel-5	GP,S5	No	LCS-GERAN	28/08/2000	28/06/2002	100%	-	GP-000456				

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1853	2435	Co-ordinated development of GSM LCS Phase 2 and UMT	Rel-5	R3,G2,G1	No	LCS-GERAN	28/08/2000	28/06/2002	100%	-					
1854	1183	FS on LCS support in the IMS	Rel-5	S1	No		12/02/2001	18/01/2002	100%	-					
1855	35008	Charging and OAM&P for LCS enhancements	Rel-5	S5	No	LCS1-OAM	21/09/2001	28/06/2002	100%	32-series	SP-010461	iceStream, Motorola			
1856	521	New security aspects of LCS (not identified)	Rel-5	S3	No	LCS1-SEC	14/04/2000	28/12/2001	100%		SP-000421	Nokia			
1857	32011	Specification for the Le Interface	Rel-5	S2	No	LCS1-Le	14/01/2002	15/03/2002	100%		SP-020180				
1858	32022	<i>Deleted - CHECK STATUS - Inter-GMLC interface</i>	Rel-5	S2	No		30/05/2002	30/12/2002	100%	-					
1859	501571	Rel-5 Security enhancements	Rel-5	S3	No		21/02/2000	28/06/2002	100%	-	SP-000421	Vodafone			
1860	1576	Network domain security	Rel-5	S3	No	SEC1-NDS	21/02/2000	28/06/2002	100%	-	SP-000420	Telenor			
1861	1577	<i>Deleted -Control plane protection in core network (e.g., G7</i>	Rel-5	S3	No		12/05/2000	07/06/2002	100%	-					
1862	1578	<i>Deleted - Main aspects</i>	Rel-5	S3	No		12/05/2000	21/06/2001	100%	-					
1863	1579	<i>Deleted -Integration of GTP signalling security archite</i>	Rel-5	N4	No		14/09/2001	07/06/2002	100%	-					
1864	1580	<i>Deleted -User plane protection in core network (e.g., provi</i>	Rel-5	S3	No		21/02/2000	28/06/2002	100%	-					
1865	1581	<i>Deleted -Main aspects</i>	Rel-5	S3	No		21/02/2000	21/06/2001	100%	-					
1866	1582	<i>Deleted -Integration of GTP signalling security archite</i>	Rel-5	N4	No		14/09/2001	28/06/2002	100%	-					
1867	2576	IP network layer security (NDS/IP)	Rel-5	S3	No	SEC1-NDS-IP	15/06/2000	15/03/2002	100%	33.210	SP-010326	Telenor			
1868	2243	Intra Domain Connection of RAN Nodes to Mu	Rel-5	S2	No	IUFLEX	02/10/2000	28/06/2002	100%	23.236	SP-000619	Ericsson			
1869	2244	Overall System Architecture	Rel-5	S2	No		03/01/2001	21/09/2001	100%	-					
1870	20000	Stage 3: RAN node selecting CN node	Rel-5	R3	No		24/09/2001	22/03/2002	100%	-		Vodafone			
1871	2248	N1 work	Rel-5	N1	No		17/09/2001	28/06/2002	100%	24.008 and check 2	NP-010693				
1872	2249	N4 work	Rel-5	N4	No		02/10/2000	08/03/2002	100%		NP-000737				
1873	50067	GERAN work for Intra Domain Connection of RAN Nodes to	Rel-5	GP	No	IDCRAN-GERAN	08/02/2002	28/06/2002	100%	-	GP-020492	Ericsson			
1874	51068	Stage 2 (changes to)	Rel-5	G1	No		08/02/2002	28/06/2002	100%	-					
1875	51069	43.051 Introduction of support for IDNNS in GERAN lu mo	Rel-5	G1	No		08/02/2002	28/06/2002	100%	-					
1876	52070	Stage 3 (changes to)	Rel-5	G2	No		08/02/2002	28/06/2002	100%	-					
1877	52077	48.016 Use of Gb interface concepts when a network appli	Rel-5	G2	No		08/02/2002	28/06/2002	100%	-					
1878	52078	48.018 Include MSC/VLR identity in CS IMSI paging	Rel-5	G2	No		08/02/2002	28/06/2002	100%	-					
1879	2320	<i>Deleted - GERAN improvements 3 (new transport layer on interface</i>	Rel-5	GP	No	GEIMP3	06/04/2001	20/12/2002	100%	-	GP-010909				
1880	2321	<i>Deleted - Evolution of the transport for A</i>	Rel-5	GP	No	<i>GEIMP3-Eta</i>	06/04/2001	20/12/2002	100%	-	GP-010910				
1881	2322	<i>Deleted - Definition of a new A/Ater interface Transport Lay</i>	Rel-5	GP	No		06/04/2001	20/12/2002	100%	-					
1882	2323	<i>Deleted - Adaptation of the Layer 3 BSSMAP procedures ε</i>	Rel-5	GP	No		06/04/2001	20/12/2002	100%	-					
1883	501142	Rel-5 Charging and OAM&P	Rel-5	S5	No	OAM	10/09/2001	12/09/2002	100%	-	SP-010461	iceStream, Motorola			
1884	35002	Rel5 Principles, high level Requirements and Architecture	Rel-5	S5	No	OAM-AR/PR	17/09/2001	28/06/2002	100%	32.101, 32.102	SP-010461	Motorola			
1885	35003	Rel5 Performance Management	Rel-5	S5	No	OAM-PM	17/09/2001	12/09/2002	100%	32.4xy, 52.402	SP-010631	Nortel			
1886	35004	Rel5 Charging Management	Rel-5	S5	No	OAM-CH	10/09/2001	12/09/2002	100%	32.200, 32.205, 32.2	SP-010631	T-Mobile			
1887	35001	Rel5 Network Infrastructure Management	Rel-5	S5	No	OAM-NIM	21/09/2001	12/09/2002	100%	32.6xy, 32.3xy	SP-010461	Ericsson			
1888	2392	GERAN enhancements for streaming services	Rel-5	GP	No		06/11/2000	28/06/2002	100%	-	GP-010429				
1889	2394	Concept	Rel-5	GP	No		06/11/2000	31/10/2001	100%	-					
1890	2395	RLC protocol enhancement (SDU Discard)	Rel-5	GP	No		06/11/2000	28/06/2002	100%	-					
1891	2396	GERAN enhancements for streaming services	Rel-5	GP	No		06/11/2000	28/06/2002	100%	-	GP-010430	Ericsson			
1892	2398	Usage of ECSD Concept	Rel-5	GP	No		06/11/2000	19/04/2002	100%	-					
1893	2399	Stage 2	Rel-5	GP	No		06/11/2000	19/04/2002	100%	-					
1894	2400	Stage 3	Rel-5	GP	No		06/11/2000	28/06/2002	100%	-					
1895	2401	RLC PDU formats	Rel-5	GP	No		06/11/2000	28/06/2002	100%	-					

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1896	2402	MAC header	Rel-5	GP	No		06/11/2000	28/06/2002	100%	-					
1897	2412	GERAN/UTRAN interface evolution 1 (evolutio	Rel-5	GP,R3	No	GERUEV1	01/09/2000	28/06/2002	100%	-	GP-010481	SBC			
1898	2413	Evolution of lu ps	Rel-5	GP,R3	No	GERUEV1-luPs	01/09/2000	28/06/2002	100%	-					
1899	2414	Identification of GERAN requirements on lu ps	Rel-5	GP,R3	No		01/09/2000	30/11/2001	100%	-					
1900	2415	Update of specifications	Rel-5	GP,R3	No		03/12/2001	28/06/2002	100%	-					
1901	2416	GERAN/UTRAN interface evolution 2 (evolutio	Rel-5	GP,R3	No	GERUEV2	01/09/2000	28/06/2002	100%	-	GP-010417				
1902	2417	Evolution of lu cs	Rel-5	GP,R3	No	GERUEV2-luCS	01/09/2000	28/06/2002	100%	-	GP-000430	Lucent			
1903	2418	Identification of GERAN requirements on lu cs	Rel-5	GP,R3	No		01/09/2000	24/06/2002	100%	-					
1904	2419	Update of specifications	Rel-5	GP,R3	No		01/09/2000	28/06/2002	100%	-					
1905	2556	End to End QoS for PS Domain including IMS	Rel-5	S2	No	E2EQoS	28/08/2000	28/06/2002	100%	-	SP-010343	Ericsson			
1906	2557	E2E QoSConcept and Architecture	Rel-5	S2	No		03/01/2001	07/09/2001	100%	23.207					
1907	2558	E2E QoS interworking	Rel-5	N3	No	E2EQoS-IW	28/08/2000	07/06/2002	100%	29.208, 29.207, 27.0	NP-010528	Lucent			
1908	2559	QoS Management (Provisioning and Monitoring)	Rel-5	S5	No	E2EQoS-OAM	21/09/2001	28/06/2002	100%	32-series	SP-010461	iceStream, Motorola			
1909	2569	Messaging enhancements Rel-5	Rel-5	T2	No	MESS5	15/06/2001	31/03/2003	100%	-					
1910	2571	Multimedia Messaging (MMS) enhancements	Rel-5	T2	No	MESS5-MMS	15/06/2001	31/03/2003	100%	-	TP-010130	Siemens			
1911	31000	Definition of service requirements	Rel-5	S1	No	MESS5-SR	15/06/2001	15/03/2002	100%	22.140		Siemens			
1912	42000	Technical realization	Rel-5	T2	No		15/06/2001	07/06/2002	100%	23.140		Siemens			
1913	42008	WAP Forum dependency: MM1 stage 3	Rel-5	T2	No		15/06/2001	31/03/2003	100%	-					
1914	34018	MMS formats and codecs	Rel-5	S4	No		03/12/2001	15/03/2002	100%	26.140					
1915	2572	Enhanced Messaging Service (EMS) enhancements	Rel-5	T2	No	MESS5-EMS	15/06/2001	08/03/2002	100%	23.040	TP-010153	Ericsson			
1916	31001	Definition of service requirements	Rel-5	S1	No		15/06/2001	14/09/2001	100%	-		Ericsson			
1917	42001	Technical realization	Rel-5	T2	No		15/06/2001	08/03/2002	100%	23.040		Ericsson			
1918	50001	GERAN Inter BSC NACC improvements over t	Rel-5	GP	No	GERNACC	03/09/2001	28/06/2002	100%	-	GP-012313				
1919	14501	Modification of core network protocols for GERAN Inter BS	Rel-5	N4,S2	No	GERNACC-Cnm	03/09/2001	19/04/2002	100%	-	GP-011877				
1920	32502	Stage 2 - Concept	Rel-5	N4,S2	No		03/09/2001	31/10/2001	100%	-					
1921	14502	Stage 2 - 23.060 change - Definition of Inter BSC NACC	Rel-5	N4,S2	No		03/09/2001	19/04/2002	100%	-					
1922	14503	Stage 3 (changes to TS 29.060)	Rel-5	N4	No		03/09/2001	08/03/2002	100%	-					
1923	50002	Modification of Gb protocols for GERAN Inter BSC NACC o	Rel-5	GP	No	GERNACC-Gbm	30/11/2001	28/06/2002	100%	-	GP-012314				
1924	50003	Stage 3 (changes to TS 48.018)	Rel-5	GP	No		30/11/2001	28/06/2002	100%	-					
1925	50033	Enhanced Power Control	Rel-5	GP	No	EPC	26/11/2001	19/12/2003	100%	-	GP-012748				
1926	50034	Realization of Enhanced power control and signalling support	Rel-5	GP	No		26/11/2001	30/11/2001	100%		GP-012749				
1927	50035	<i>Deleted - GERAN MS Conformance test for Enhanced Power C</i>	Rel-5	GP	No		10/12/2001	19/12/2003	100%		GP-012750				
1928	50036	<i>Deleted - GERAN BTS Conformance test for Enhanced Power</i>	Rel-5	GP	No		10/12/2001	19/12/2003	100%		GP-012751				
1929	50037	8PSK AMR HR	Rel-5	GP	No	8PSK-AH	10/12/2001	19/12/2003	100%	-	GP-012752				
1930	50038	Definition of channel coding, performance requirements ar	Rel-5	GP	No		10/12/2001	28/06/2002	100%	-	GP-012753				
1931	50061	Concept	Rel-5	GP	No		10/12/2001	28/06/2002	100%	-					
1932	52004	Changes to 44.018	Rel-5	G2	No		10/12/2001	28/06/2002	100%	-					
1933	51025	Changes to 45.001	Rel-5	G1	No		10/12/2001	28/06/2002	100%	-					
1934	51026	Changes to 45.002	Rel-5	G1	No		10/12/2001	28/06/2002	100%	-					
1935	51027	Changes to 45.003	Rel-5	G1	No		10/12/2001	28/06/2002	100%	-					
1936	51028	Changes to 45.005	Rel-5	G1	No		10/12/2001	28/06/2002	100%	-					
1937	52005	Changes to 24.008	Rel-5	G2	No		10/12/2001	28/06/2002	100%	-					
1938	52006	Changes to 48.058	Rel-5	G2	No		10/12/2001	28/06/2002	100%	-					

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1939	50039	<i>Deleted - GERAN MS Conformance test for 8PSK HR</i>	Rel-5	GP	No		10/12/2001	19/12/2003	100%		GP-012754				
1940	50040	GERAN BTS Conformance test for 8PSK HR	Rel-5	GP	No		10/12/2001	20/12/2002	100%		GP-012755				
1941	13000	Service Change and UDI Fallback	Rel-5	N3	No	SCUDIF	08/10/2001	07/06/2002	100%	29.007, 27.001, 24.0	NP-020164	Ericsson			
1942	501800	Rel-5 USIM toolkit enhancements	Rel-5	T3	No	USAT1-Interpr	05/06/2000	26/09/2003	100%	-	not needed	G & D			
1943	43002	<i>Deleted - Test specification for USIM toolkit security mechanism</i>	Rel-5	T3	No		28/05/2002	26/09/2003	100%		TP-020028	Gemplus			
1944	1801	Protocol Standardisation of a SIM Toolkit Interpreter	Rel-5	T3	No	USAT1-Interpr	05/06/2000	22/01/2003	100%	27.103	TP-000116	G & D			
1945	2497	Stage 1	Rel-5	T3	No	USAT1-Interpr	05/06/2000	16/03/2001	100%	-					
1946	2496	Stage 2 and 3	Rel-5	T3	No	USAT1-Interpr	03/01/2001	08/03/2002	100%	-					
1947	2518	Test specification	Rel-5	T3	No	USAT1-Interpr	03/09/2001	22/01/2003	100%		TP-010111	Gemplus			
1948	501802	(U)SIM API	Rel-5	T3	No	USAT1-API	20/03/2002	20/09/2002	100%	-	TP-020029	Electrónica Española			
1949	5043001	Java API Test specification	Rel-5	T3	No	USAT1-API	20/03/2002	20/09/2002	100%		TP-020029	Electrónica Española			
1950	30001	small Technical Enhancements and Improvements	Rel-5	All	No	TEI5	03/01/2000	31/12/2008	100%	-					
1951	25018	Small Technical Enhancements and Improvements for Rel-5 CC	Rel-5	R5,T1	Yes	TEI5_Test	03/01/2000	31/12/2008	100%	34.108, 34.109, 34.1	Work Items				
1952	31013	<i>Deleted - Technical Report on UE Functionality Split</i>	Rel-5	S1	No	UESPLIT	03/01/2000	01/05/2000	100%	-	SP-010484	Motorola			
1953	2520	User Equipment Management	Rel-5	S5	No	UEM	21/06/2001	28/06/2002	100%	32.802	SP-010286	Vodafone			
1954	35000	FS on User Equipment (UE) Management	Rel-5	S5	No	OAM-UEM	21/06/2001	28/06/2002	100%	32.802	SP-010286	Vodafone			
1955	50201	Flow control supporting an MS with multiple connections	Rel-5	GP	No	FlowCon	24/06/2002	30/08/2002	100%	-	GP-021767	Ericsson			
1956	50202	Update of stage 2 specifications	Rel-5	GP	No		24/06/2002	30/08/2002	100%	-					
1957	32097	Concept document 23.060 (changes to)	Rel-5	S2	No		28/06/2002	30/08/2002	100%	-					
1958	50203	Flow Control	Rel-5	GP	No		24/06/2002	28/06/2002	100%	-					
1959	50104	Modification of BSSGP protocol	Rel-5	GP	No		24/06/2002	28/06/2002	100%	-	GP-021508	Ericsson			
1960	52095	Stage 3 (changes to 48.018)	Rel-5	G2	No		24/06/2002	28/06/2002	100%	-					
1961	50058	<i>Deleted - Multiple TBF in A/Gb mode - Phase 1</i>	Rel-5	GP	No	MULTBF	19/04/2002	28/11/2003	100%	-	GP-021263	Ericsson			
1962	50059	<i>Deleted - Multiple TBF in A/Gb mode - Phase 1</i>	Rel-5	GP	No	MULTBF-Agbmc	19/04/2002	22/08/2003	100%	-	GP-021263				
1963	50060	<i>Deleted - Multiple TBF Concept paper</i>	Rel-5	GP	No	MULTBF-Agbmc	19/04/2002	22/08/2003	100%	-					
1964	51001	<i>Deleted - Multiple TBF Stage 2 (43.064) CRs</i>	Rel-5	G1	No	MULTBF-Agbmc	19/04/2002	22/11/2002	100%	-					
1965	50062	<i>Deleted - Multiple TBF Stage 3 (44.060) CRs</i>	Rel-5	G2	No	MULTBF-Agbmc	19/04/2002	22/11/2002	100%	-					
1966	50206	<i>Deleted - Multiple TBF in A/Gb mode - MS testing</i>	Rel-5	GP	No		24/06/2002	28/11/2003	100%	-	GP-022098	Ericsson			
1967	54101	<i>Deleted - MS conformance tests</i>	Rel-5	G4	No		24/06/2002	28/11/2003	100%	-					
1968	2345	Alignment of 3G functional split and lu	Rel-5	GP	No	GER3GAL	08/06/2000	19/12/2003	100%	-	GP-021256	Ericsson			
1969	2346	GERAN user / control plane	Rel-5	GP	No	GER3GAL-GUC	07/08/2000	30/08/2002	100%	-	GP-021255	Ericsson			
1970	2347	Alignment with UMTS bearer concept	Rel-5	GP	No		07/08/2000	30/08/2002	100%	-					
1971	50300	Enhanced power control	Rel-5	GP	No		31/08/2001	31/08/2001	100%	-					
1972	2423	Stage 2	Rel-5	GP	No		07/08/2000	29/06/2001	100%	-					
1973	2348	Adoption of the UTRAN PDCP	Rel-5	GP	No		06/11/2000	21/12/2001	100%	-					
1974	50043	Development of RLC / MAC	Rel-5	GP	No		31/08/2001	30/08/2002	100%	-					
1975	50044	Development of GERAN RRC	Rel-5	GP	No		22/06/2001	28/06/2002	100%	-					
1976	50045	Ciphering and integrity protection concept paper	Rel-5	GP	No		31/08/2001	19/04/2002	100%	-					
1977	50046	Multiple TBF or equivalent Concept paper	Rel-5	GP	No		31/08/2001	08/02/2002	100%	-					
1978	50047	Paging concept	Rel-5	GP	No		31/08/2001	19/04/2002	100%	-					
1979	50048	Dedicated Physical subchannels, includes traffic and control	Rel-5	GP	No		31/08/2001	30/11/2001	100%	-					
1980	50049	lu support and broadcast concept	Rel-5	GP	No		31/08/2001	19/04/2002	100%	-					
1981	50050	Impact of using RLC instead of LAPDm concept	Rel-5	GP	No		31/08/2001	08/02/2002	100%	-					

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													Jul	Sep	Nov
1982	50051	Contention resolution, mobile station identity, and acc	Rel-5	GP	No		31/08/2001	30/11/2001	100%	-					
1983	50052	PDCP concept	Rel-5	GP	No		31/08/2001	19/04/2002	100%	-					
1984	50053	Downlink delayed TBF release	Rel-5	GP	No		31/08/2001	30/08/2002	100%	-					
1985	50054	Add transparent RLC Concept	Rel-5	GP	No		31/08/2001	08/02/2002	100%	-					
1986	50055	Handover concept	Rel-5	GP	No		31/08/2001	08/02/2002	100%	-					
1987	2424	Physical layer alignment with UMTS bearer concept	Rel-5	GP	No		06/11/2000	30/11/2001	100%	-					
1988	2356	PDTCH/TCH in 45.003	Rel-5	GP	No		06/11/2000	08/06/2001	100%	-					
1989	2357	Control channels in 45.003	Rel-5	GP	No		06/11/2000	08/06/2001	100%	-					
1990	2358	Receiver performance in 45.005 for PDTCH/TCH and	Rel-5	GP	No		06/11/2000	30/11/2001	100%	-					
1991	2359	lu rg interface	Rel-5	GP,RP	No	GER3GAL-lurg	06/11/2000	28/06/2002	100%	-	GP-010428	Ericsson			
1992	2425	Inter BSS interface	Rel-5	GP,RP	No		06/11/2000	28/06/2002	100%	-					
1993	2360	Identification of requirements	Rel-5	GP	No		06/11/2000	28/06/2002	100%	-					
1994	2361	Stage 2	Rel-5	GP	No		06/11/2000	28/06/2002	100%	-					
1995	2362	Adoption of relevant parts from lur	Rel-5	GP	No		06/11/2000	28/06/2002	100%	-					
1996	2363	Complementation with GERAN specifics	Rel-5	GP	No		06/11/2000	28/06/2002	100%	-					
1997	2364	Stage 3	Rel-5	GP	No		06/11/2000	28/06/2002	100%	-					
1998	2426	Inter BSS-RNS interface	Rel-5	GP,RP	No		06/11/2000	28/06/2002	100%	-					
1999	2365	Identification of requirements	Rel-5	GP,R3	No		06/11/2000	28/06/2002	100%	-					
2000	2366	Stage 2	Rel-5	GP,R3	No		06/11/2000	28/06/2002	100%	-					
2001	2367	Adoption of relevant parts from lur	Rel-5	GP,R3	No		06/11/2000	28/06/2002	100%	-					
2002	2368	Complementation with GERAN specifics	Rel-5	GP,R3	No		30/01/2002	28/06/2002	100%	-					
2003	2369	Stage 3	Rel-5	GP,R3	No		30/01/2002	28/06/2002	100%	-					
2004	2370	Voice over GERAN PS and CS concept	Rel-5	GP,R3	No		06/11/2000	28/06/2002	100%	-	GP-011252				
2005	2371	Architecture for A, lu cs and lu ps	Rel-5	GP,R3	No		06/11/2000	28/06/2002	100%	-					
2006	2372	Transcoder position/operation	Rel-5	GP	No		06/11/2000	13/04/2001	100%	-					
2007	2373	Handover	Rel-5	GP,R3	No		06/11/2000	28/06/2002	100%	-					
2008	2374	RTP payload	Rel-5	GP,R3	No		06/11/2000	28/06/2002	100%	-					
2009	2375	Codec renegotiation concept	Rel-5	GP,R3	No		06/11/2000	29/03/2002	100%	-					
2010	2376	LA	Rel-5	GP	No		06/11/2000	13/04/2001	100%	-					
2011	2388	Deleted - GERAN MS Conformance test for GERAN interface €	Rel-5	GP	No		11/06/2001	19/12/2003	100%	-	GP-021253				
2012	2389	Deleted - MS test	Rel-5	GP	No		11/06/2001	19/12/2003	100%	-					
2013	2390	GERAN BSS Conformance test for GERAN interface evolut	Rel-5	GP	No		08/06/2000	19/12/2003	100%	-	GP-021254				
2014	2391	Deleted - BSS test	Rel-5	GP	No		08/06/2000	19/12/2003	100%	-					
2015	2330	GERAN support for IMS	Rel-5	GP	No	GERIMS	01/05/2000	20/12/2002	100%	-	GP-010420	Nokia			
2016	2331	GERAN Header adaptation	Rel-5	iP,S2,RP	No	GERIMS-HEAD	01/05/2000	20/12/2002	100%	-	GP-010421	Nokia			
2017	2332	Definition of compression and removal modes for PDCP pr	Rel-5	iP,S2,RP	No		01/05/2000	09/06/2000	100%	-					
2018	2333	Conceptual description in stage 2	Rel-5	iP,S2,RP	No		01/05/2000	31/10/2001	100%	-					
2019	2334	Necessary changes on stage 3 regarding header removal	Rel-5	iP,S2,RP	No		06/11/2000	20/12/2002	100%	-					
2020	2335	Deleted - GERAN Radio access bearer design for IMS	Rel-5	iP,S2,RP	No	GERIMS-RABDE	06/11/2000	28/06/2002	100%	-	GP-010422	Nokia			
2021	2422	Deleted - MuM control signalling for conversational multime	Rel-5	iP,S2,RP	No		06/11/2000	28/06/2002	100%	-					
2022	2431	Deleted - Identification of requirements	Rel-5	iP,S2,RP	No		06/11/2000	08/02/2002	100%	-					
2023	2337	Deleted - Necessary modifications due to SIP	Rel-5	iP,S2,RP	No		06/05/2002	28/06/2002	100%	-					
2024	2341	Deleted - GERAN MS Conformance test for support of IMS	Rel-5	GP	No	GERIMS-MSconf	11/06/2001	20/12/2002	100%	-	GP-010424	Nokia			

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2025	2342	<i>Deleted - MS test</i>	Rel-5	G4	No		11/06/2001	20/12/2002	100%	-					
2026	2343	<i>Deleted - GERAN BTS Conformance test for support of IMS</i>	Rel-5	GP	No	GERIMS-BTScor	11/06/2001	20/12/2002	100%	-	GP-010425	Nokia			
2027	2344	<i>Deleted - BTS test</i>	Rel-5	G3new	No		11/06/2001	20/12/2002	100%	-					
2028	54001	MS Conformance Testing of Dual Transfer Mo	Rel-5	G4,G5	No	MSCTDTM	11/11/2002	07/02/2003	100%	-	GP-023236	Vodafone			
2029	32033	Handling of early UEs	Rel-5	S2	No	LATE_UE	03/01/2000	27/06/2003	100%	-	SP-030125				
2030	32031	Feasibility Study	Rel-5	S2	No		07/10/2002	13/12/2002	100%	-					
2031	32032	Stage 2	Rel-5	S2	No		06/01/2003	27/06/2003	100%	-					
2032	22001	FS for the Early Mobile Handling in UTRAN	Rel-5	R2	No	FSEarlyUE	09/09/2002	06/06/2003	100%		RAN_Sls	Vodafone			
2033	96	Note: Stage 3 RAN part not shown	Rel-5		No		03/01/2000	03/01/2000	100%	-					
2034	0	Release 4 Features	Rel-4	XP,SP,TP	No		03/01/2000	03/01/2000	0%	-					
2035	1861	Miscellaneous UE Conformance Testing Activ	Rel-4	T1	No	MISTST1	02/04/2001	01/12/2004	100%	-	not needed				
2036	1862	Optimization of Test Time, RF Aspects (FDD)	Rel-4	T1	No	MISTST1-OpFDC	24/09/2001	03/09/2003	100%	34.121	TP-030052				
2037	1863	Optimization of Test Time, RF Aspects (TDD)	Rel-4	T1	No	MISTST1-OpTDC	24/09/2001	03/09/2003	100%	34.122	TP-030052				
2038	1907	Extensions to R99 Test cases	Rel-4	T1	No	MISTST1-Ext	02/04/2001	02/12/2003	100%	34.123 p 1,2	TP-030052				
2039	2564	Extension to R99 Test cases - TTCN	Rel-4	T1	No		28/06/2002	03/03/2004	100%		TP-030052				
2040	2565	Creation of R99 TCs for TDD - prose	Rel-4	T1	No	MISTST1-TDD	01/10/2001	01/07/2004	100%	34.123-1	TP-030052				
2041	2566	<i>Deleted - Creation of R99 TCs for TDD - TTCN</i>	Rel-4	T1	No		03/09/2002	01/12/2004	100%		TP-030052				
2042	1908	<i>Deleted - Review all other work items for impact on new or existi</i>	Rel-4	T1	No	MISTST1	02/07/2002	27/12/2002	100%	34.121, 122, 123, 125					
2043	1340	Facsimile	Rel-4	S1	No	FAX	22/02/2000	23/06/2000	100%	-	SP-000169				
2044	1341	Real Time Fax	Rel-4	S2	No	FAX-RT	22/02/2000	23/06/2000	100%	-					
2045	1808	Terminal capabilities, AT commands	Rel-4	T2	No		22/02/2000	23/06/2000	100%	21.904, 27.007					
2046	1343	Signalling aspects (e.g. ICM)	Rel-4	N1	No		22/02/2000	23/06/2000	100%	-					
2047	1648	Service provision	Rel-4	N3	No		22/02/2000	23/06/2000	100%	23.146					
2048	1345	Review whether service/stage 1 aspects need to be aligne	Rel-4	S1	No		14/04/2000	23/06/2000	100%	-					
2049	1346	Review whether architecture/stage 2 aspects need to be a	Rel-4	S2	No		14/04/2000	23/06/2000	100%	-					
2050	1539	Transparent End-to-End PS mobile streaming	Rel-4	S4	No	PSTREAM	03/04/2000	21/03/2001	100%	26.233, 26.234	SP-000345				
2051	1818	Multimedia Messaging	Rel-4	T2,S1	No	MMS	22/02/2000	14/03/2001	100%	22.140, 23.140	TP-000078	Siemens			
2052	136	Definition of service requirements	Rel-4	S1	No	MMS	22/02/2000	31/05/2000	100%	-					
2053	1819	Review of definition of service requirements	Rel-4	T2	No	MMS	01/06/2000	14/03/2001	100%	22.140, 23.140	TP-000078	Siemens			
2054	1820	Technical Realisation	Rel-4	T2	No	MMS	10/04/2000	14/03/2001	100%	22.140, 23.140	TP-000078	Siemens			
2055	1821	Review of definition of reference Achitecture model	Rel-4	T2	No	MMS	10/04/2000	14/03/2001	100%	22.140, 23.140	TP-000078	Siemens			
2056	1822	"Fulfill Requirements of Stage 1"	Rel-4	T2	No	MMS	10/04/2000	14/03/2001	100%	22.140, 23.140	TP-000078	Siemens			
2057	1823	Definition of MMS primitives in Stage 2	Rel-4	T2	No	MMS	10/04/2000	14/03/2001	100%	22.140, 23.140	TP-000078	Siemens			
2058	1541	Transcoder-Free Operation	Rel-4	N4,S2,N1	No	TrFO	03/01/2000	30/03/2001	100%	-					
2059	112	Out-of-Band Transcoder Control solution	Rel-4	N4	No	TrFO-OoBTC	03/01/2000	30/03/2001	100%	-	N4-000531	NEC			
2060	1512	implementation in UTRAN	Rel-4	R3	No	TrFO-OoBTC-UT	11/09/2000	30/03/2001	100%	25.401, 25.410, 25.4	RAN_Wis	Siemens			
2061	896	Impact on architecture, Principles and Terminology	Rel-4	S2	No	TrFO-OoBTC	03/01/2000	20/10/2000	100%	-					
2062	1657	Codec Negotiation between UE and MSC	Rel-4	N1	No	TrFO-OoBTC	14/08/2000	02/02/2001	100%	24.008, 23.009, 23.1		Motorola			
2063	115	Codec Negotiation inter MSC	Rel-4	N4	No	TrFO-OoBTC	03/07/2000	22/12/2000	100%	-					
2064	894	Bearer establishment inter MSC	Rel-4	N4	No	TrFO-OoBTC	03/07/2000	22/12/2000	100%	23.153	NP-000127				
2065	905	Speech Transcoder: Location and Control at the UMTS Co	Rel-4	S2	No	TrFO-STLC	10/04/2000	29/09/2000	100%	-	S2-99352				
2066	124	Transcoder at Edge	Rel-4	NP	No	TrFO-STLC	10/04/2000	29/09/2000	100%	-					
2067	2310	GERAN improvements 1 (Gb over IP)	Rel-4	GP	No	GEIMP1	09/05/2000	19/03/2001	100%	-	GP-000433				

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2068	2311	Gb over IP (Ip-ification of Gb)	Rel-4	GP	No	GbIP	09/05/2000	19/03/2001	100%	-	GP-000434				
2069	2312	Concept	Rel-4	GP	No		09/05/2000	10/11/2000	100%	-					
2070	2313	Changes to 08.16, 08.18	Rel-4	GP	No		09/05/2000	19/03/2001	100%	-					
2071	2314	GERAN improvements 2 (NACC)	Rel-4	GP	No	GEIMP2	06/11/2000	10/06/2003	100%	-	GP-012812				
2072	2315	Gb enhancements	Rel-4	GP	No	Gben	06/11/2000	08/06/2001	100%	-	GP-000436				
2073	2316	Intra BSC NACC (Network Assisted Cell Change)	Rel-4	GP	No		06/11/2000	08/06/2001	100%	-					
2074	2420	Concept	Rel-4	GP	No		06/11/2000	08/06/2001	100%	-					
2075	2317	Changes in 03.64	Rel-4	GP	No		06/11/2000	08/06/2001	100%	-					
2076	2318	Changes in 04.60	Rel-4	GP	No		06/11/2000	08/06/2001	100%	-					
2077	2319	Changes in 44.008	Rel-4	GP	No		06/11/2000	08/06/2001	100%	-					
2078	50030	MS conformance test for Intra BSC NACC	Rel-4	GP	No	GEIMP2-Msconf	30/11/2001	10/06/2003	100%	-	GP-012811				
2079	50299	Changes in 51.010	Rel-4	G5, G4	No		30/11/2001	10/06/2003	100%	-					
2080	2324	GERAN improvements 4 (Delayed TBF)	Rel-4	GP	No	GEIMP4	15/01/2001	08/06/2001	100%	-	GP-010363				
2081	2325	Gb enhancements 2	Rel-4	GP	No	GEIMP4-Gben2	15/01/2001	08/06/2001	100%	-	GP-010363				
2082	2429	stage 2	Rel-4	GP	No		15/01/2001	08/06/2001	100%	-					
2083	2421	Stage 3 (changes in 44.060)	Rel-4	G2	No		15/01/2001	06/04/2001	100%	-					
2084	2327	Definition of enhanced countdown procedure	Rel-4	G2	No		15/01/2001	06/04/2001	100%	-					
2085	2328	Definition of enhanced TBF release procedure	Rel-4	G2	No		15/01/2001	06/04/2001	100%	-					
2086	2329	Definition of USF=FREE type polling mechanism on P	Rel-4	G2	No		15/01/2001	06/04/2001	100%	-					
2087	1222	Low Chip Rate TDD option	Rel-4	R1	No	LCRTDD	19/07/2000	02/12/2003	100%	-	RAN_Wis	CWTS			
2088	1223	Physical layer	Rel-4	R1	No	LCRTDD-Phys	19/07/2000	30/03/2001	100%		RAN_Wis	CWTS			
2089	1224	Layer 2 and layer 3 protocol aspects	Rel-4	R2	No	LCRTDD-L23	19/07/2000	30/03/2001	100%		RAN_Wis	CWTS			
2090	1225	RF radio transmission/reception, system performance requirem	Rel-4	R4	No	LCRTDD-RF	14/08/2000	30/03/2001	100%		RAN_Wis	CWTS			
2091	1227	UE radio access capability	Rel-4	R2	No	LCRTDD-UErac	14/08/2000	30/03/2001	100%		RAN_Wis	CWTS			
2092	1228	lub/lur protocol aspects	Rel-4	R3	No	LCRTDD-lublur	14/08/2000	30/03/2001	100%		RAN_Wis	CWTS			
2093	2262	Low chiprate TDD interworking with GERAN	Rel-4		No		01/09/2000	19/01/2001	100%	-	GP-000432				
2094	2263	Handover and Cell Selection / Reselection to UTRA 1.28 M	Rel-4		No		01/09/2000	19/01/2001	100%	-					
2095	2103	Conformance Test Aspects - Low Chip Rate TDD	Rel-4	T1	No		17/09/2001	02/12/2003	100%	-					
2096	2217	Testing Layer 2 and layer 3 protocol aspects	Rel-4	T1	No		17/09/2001	02/07/2003	100%	34.123-1, 34.123-2	TP-030052				
2097	2562	<i>Deleted - Testing Layer 2 and layer 3 protocol aspects - T</i>	Rel-4	T1	No		03/12/2002	02/12/2003	100%	34.123-3	TP-030052				
2098	2218	Testing RF Radio Transmission and Reception	Rel-4	T1	No		17/09/2001	28/06/2002	100%		TP-030052				
2099	1322	Enable bearer independent CS architecture	Rel-4	S2	No	CSSPLIT	03/01/2000	01/03/2002	100%	-	SP-000288	Siemens			
2100	1323	Enable bearer-independent call control	Rel-4	N4	No		03/01/2000	16/08/2001	100%	-	N4-000512	Ericsson			
2101	1516	Architecture and Stage 2 description	Rel-4	S2	No		03/01/2000	08/09/2000	100%	23.002					
2102	1325	Standardisation of protocols (control & user planes) over N	Rel-4	N3	No		02/01/2001	30/03/2001	100%		N4-000512				
2103	1326	Standardisation of protocols over reference points between	Rel-4	N4	No		25/09/2000	23/03/2001	100%		N4-000512				
2104	1616	Standardisation of detailed stage 2 description	Rel-4	N4	No		17/07/2000	23/03/2001	100%		N4-000512				
2105	1327	Bearer control between MSC server and MGW	Rel-4	N4	No		01/09/2000	16/08/2001	100%	-	N4-000512				
2106	1328	stage 3 - protocol issues	Rel-4	N4	No		01/09/2000	16/08/2001	100%	-					
2107	1329	stage 3 - parameter value issues	Rel-4	N3	No		02/01/2001	30/03/2001	100%	-					
2108	1331	Lawful interception	Rel-4	S3	No		21/08/2000	23/03/2001	100%	-					
2109	2052	<i>Deleted - Conformance Test Aspects - Enable bearer independ</i>	Rel-4	T1	No	CSSPLIT-TEST	05/03/2001	01/03/2002	100%	-					
2110	1445	MEEx enhancements Rel-4	Rel-4	T2	No	MEXE	03/01/2000	14/12/2001	100%	-	TP-030052				

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2111	1447	MExE Security Analysis Activity	Rel-4	S3	No	MEXE-SEC	22/02/2000	14/12/2001	100%	-	SP-010327	BT			
2112	2045	Stage 3	Rel-4	S3	No	MEXE1-SEC	17/07/2000	14/12/2001	100%	-					
2113	1448	Terminal aspects	Rel-4	T2	No		22/02/2000	15/12/2000	100%	-					
2114	1810	MExE Rel4 Improvements and Investigations	Rel-4	T2	No	MEXE-ENHANC	03/01/2000	15/12/2000	100%	22.057, 23.057		Motorola			
2115	1812	3rd MExE classmark	Rel-4	T2	No		03/01/2000	15/12/2000	100%	22.057, 23.057		Motorola			
2116	1814	FS on Secure download mechanism and capabilities to sup	Rel-4	T2	No		07/02/2000	15/12/2000	100%	22.057, 23.057		Motorola			
2117	1815	FS on Support of MP3/MPEG4 content	Rel-4	T2	No		07/02/2000	15/12/2000	100%	22.057, 23.057		Motorola			
2118	1631	Tandem Free aspects for 3G and between 2G	Rel-4	S4	No	TFO	22/02/2000	15/06/2001	100%	-					
2119	1632	Tandem Free AMR	Rel-4	S4	No	TFO-AMR	22/02/2000	15/06/2001	100%	-					
2120	130	Specification	Rel-4	S4	No		22/02/2000	23/03/2001	100%	28.062					
2121	907	Impact on:	Rel-4	NP	No		08/01/2001	15/06/2001	100%	-					
2122	131	CN	Rel-4	NP	No		26/03/2001	15/06/2001	100%	-					
2123	132	GERAN	Rel-4	GP	No		08/01/2001	06/04/2001	100%	-					
2124	2230	Advanced Speech Call Items enhancements_f	Rel-4	N1	No	ASCI	03/12/2000	14/03/2002	100%	-	NP-000730	Nortel			
2125	2232	Stage 2	Rel-4	N4	No		03/12/2000	14/03/2002	100%	23.067, 24.067		Sagem			
2126	2231	Stages 2 and 3 on A interface	Rel-4	N1	No		03/12/2000	23/03/2001	100%	44.068, 44.069, 24.0		Nortel			
2127	2403	700 MHz spectrum support	Rel-4	GP	No	700SS	03/01/2000	20/12/2002	100%	-	GP-000449				
2128	2404	GERAN support for the 700 MHz band	Rel-4	GP	No		03/01/2000	19/01/2001	100%	-					
2129	2405	Signalling support	Rel-4	GP	No		03/01/2000	19/01/2001	100%	-					
2130	2406	Physical layer definitions	Rel-4	GP	No		03/01/2000	19/01/2001	100%	-					
2131	2407	Receiver performance and RF budget	Rel-4	GP	No		03/01/2000	19/01/2001	100%	-					
2132	2408	GERAN MS Conformance test for 700 MHz band	Rel-4	GP	No		02/04/2001	30/11/2001	100%	-	GP-000451				
2133	2409	MS test	Rel-4	GP	No		02/04/2001	30/11/2001	100%	-					
2134	2410	GERAN BTS Conformance test for 700 MHz band	Rel-4	GP	No		02/04/2001	20/12/2002	100%	-	GP-000452				
2135	2411	BTS test	Rel-4	GP	No		02/04/2001	20/12/2002	100%	-					
2136	2463	Operator Determined Barring for Packet Orien	Rel-4	NP	No	ODB	01/06/2000	19/03/2001	100%		NP-010089	NEC			
2137	2546	UMTS QoS Architecture for PS Domain	Rel-4	S2	No	QoSPS	03/01/2000	27/11/2002	100%	-	SP-010342	Ericsson			
2138	2548	Architecture	Rel-4	S2	No		05/06/2000	03/01/2001	100%	23.107					
2139	2550	Charging and OAM&P for QoS Management	Rel-4	S5	No	QoSPS-OAM	21/09/2001	28/06/2002	100%	32-series	SP-010461	iceStream, Motorola			
2140	1681	RAB Quality of Service (re)Negotiation over lu	Rel-4	R3	No	QoSPS-MAPENC	21/08/2000	23/03/2001	100%	25.413	RAN_Wis	Ericsson			
2141	1991	RAB Quality of Service Negotiation over lu	Rel-4	R3	No	QoSPS-MAPENC	21/08/2000	23/03/2001	100%		RAN_Wis	Ericsson			
2142	2456	RAB Quality of Service Negotiation over lu during relocatic	Rel-4	R3	No	QoSPS-MAPENC	02/03/2001	23/03/2001	100%	-					
2143	1992	RAB Quality of Service Re-Negotiation over lu	Rel-4	R3	No	QoSPS-MAPENC	25/09/2000	23/03/2001	100%		RAN_Wis	Motorola			
2144	1553	GERAN QoS Aspects - Handovers: maintenance of real-tim	Rel-4	GP	No	GERQoS	03/01/2000	30/11/2001	100%	-	GP-010431				
2145	2306	Handover Concept for the PS domain	Rel-4	GP	No		03/01/2000	30/11/2001	100%	-					
2146	2309	Stable RT handover report 25.936 including header re	Rel-4	GP[93%]	No		03/01/2000	19/01/2000	100%	-					
2147	2307	Update of stage 2	Rel-4	GP	No		03/01/2000	13/02/2001	100%	-					
2148	2308	Update of relevant stage 3 specs -> RRC	Rel-4	G2	No		03/01/2000	30/11/2001	100%	-					
2149	50010	<i>Deleted - GERAN MS Conformance test for inter-system and in</i>	Rel-4	G4,R3	No	GERQoS-Mstest	31/08/2001	27/11/2002	100%	-	GP-012287				
2150	50011	<i>Deleted - Handover for the PS domain</i>	Rel-4	G4,R3	No		31/08/2001	27/11/2002	100%	-					
2151	50012	<i>Deleted - Stable RT handover report 25.936 including</i>	Rel-4	G4,R3	No		31/08/2001	27/11/2002	100%	-					
2152	50013	<i>Deleted - Update of stage 2</i>	Rel-4	G4,R3	No		31/08/2001	27/11/2002	100%	-					
2153	50014	<i>Deleted - Update of relevant stage 3 specs</i>	Rel-4	G4,R3	No		31/08/2001	27/11/2002	100%	-					

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2154	1685	PS-domain handover for real-time services	Rel-4	R3	No	QoS-PSdoRT	28/08/2000	30/03/2001	100%		RAN_Wis	Nokia			
2155	2554	<i>Deleted - RAB QoS Renegotiation at Relocation</i>	Rel-4	R3	No		03/01/2001	23/03/2001	100%	25.851, 25.946					
2156	1993	small Technical Enhancements and Improver	Rel-4	All	No	TEI4	03/01/2000	06/05/2008	100%	-					
2157	25017	Small Technical Enhancements and Improvements for Rel-4 Cc	Rel-4	R5,T1	Yes	TEI4_Test	03/01/2000	06/05/2008	100%		Work_Items				
2158	400002	Rel-4 Evolutions of the transport in the UTRA	Rel-4	RP	No	ETRAN	21/08/2000	23/08/2002	100%	-	RAN_Wis	Alcatel			
2159	12	QoS optimization for AAL2 connections over lub and lur interf	Rel-4	R3	No	ETRAN-QoSAAL	21/08/2000	30/03/2001	100%		RAN_Wis	Japan Telecom			
2160	1995	Transport bearer modification procedure on lub, lur, and lu	Rel-4	R3	No	ETRAN-MigrMod	02/10/2000	30/03/2001	100%		RAN_Wis	Japan Telecom			
2161	401834	<i>Deleted - Conformance Test Aspects of Rel-4 evolutions of</i>	Rel-4	T1	No		25/02/2002	23/08/2002	100%	-					
2162	2208	<i>Deleted - Testing RAB support enhancements</i>	Rel-4	T1	No	CT-RABS?	25/02/2002	23/08/2002	100%	34.108, 34.121, 34.					
2163	400004	Rel-4 Evolutions of the transport in the CN	Rel-4	N1,N2,S2	No	CNTRSP	29/05/2000	23/03/2001	100%	-	not needed				
2164	859	IP Transport of CN protocols (e.g., CAP, MAP)	Rel-4	N4	No	SS7IP	07/12/2000	23/03/2001	100%	-					
2165	1679	Stage 3	Rel-4	N4	No		07/12/2000	23/03/2001	100%	-					
2166	2018	CAP	Rel-4	N2	No		07/12/2000	23/03/2001	100%	-					
2167	2019	MAP	Rel-4	N4	No		07/12/2000	23/03/2001	100%	-					
2168	2253	BSSAP+	Rel-4	N1	No	SS7IP-BSSAP+	15/01/2001	14/03/2001	100%	-					
2169	1513	FS on Transport and control separation in the PS CN doma	Rel-4	S2	No		29/05/2000	23/03/2001	100%	-	SP-000293	Ericsson			
2170	1615	Architectural impacts	Rel-4	S2	No		29/05/2000	23/03/2001	100%	-					
2171	401216	Rel-4 Improvements of Radio Interface	Rel-4	RP	No	RInImp	10/07/2000	14/03/2003	100%	-	RAN_Wis				
2172	1509	UTRA repeater specification (master)	Rel-4	R4	No	RInImp-REP	10/07/2000	21/03/2001	100%		RAN_Wis	Mikom, Allgon			
2173	1994	DSCH power control improvement in soft handover	Rel-4	R1	No	RInImp-DSCHshc	11/09/2000	23/03/2001	100%		RAN_Wis	Nokia			
2174	1996	UMTS 1800	Rel-4	R4	No	RInImp-UMTS18	25/09/2000	14/12/2001	100%		RAN_Wis	Motorola			
2175	2467	UMTS 1900	Rel-4	R4	No	RInImp-UMTS19	19/03/2001	14/12/2001	100%	25.101		Motorola			
2176	1219	FS on High Speed downlink packet access	Rel-4	R2	No	RInImp-HSDPA	21/08/2000	23/03/2001	100%		RAN_Sis	Motorola			
2177	1510	<i>Deleted - FS on improved common DL channel for Cell-FACH s</i>	Rel-4	R2	No	RInImp-DLCFAC	11/09/2000	28/12/2001	100%		RAN_Sis	GBT			
2178	401839	Conformance Test Spec. Rel-4 improvements in Radio Inte	Rel-4	T1	No		08/10/2001	14/03/2003	100%	-					
2179	2212	<i>Deleted - Testing Improved usage of downlink resource in</i>	Rel-4	T1	No		18/02/2002	30/08/2002	100%	-					
2180	2213	<i>Deleted - Testing Terminal Power saving features</i>	Rel-4	T1	No		18/02/2002	30/08/2002	100%	-					
2181	2214	<i>Deleted - Testing DSCH power control improvement in sof</i>	Rel-4	T1	No		18/02/2002	30/08/2002	100%	-					
2182	2215	Testing UMTS 1800	Rel-4	T1	No		08/10/2001	14/06/2002	100%	34.108, 34.121, 34.1	TP-030052				
2183	41000	Testing UMTS 1900	Rel-4	T1	No		08/10/2001	14/06/2002	100%	34.108, 34.121, 34.1	TP-030052				
2184	2561	Testing UMTS 1800 - TTCN	Rel-4	T1	No		17/06/2002	14/03/2003	100%	34.123-3	TP-030052				
2185	41001	Testing UMTS 1900 - TTCN	Rel-4	T1	No		17/06/2002	14/03/2003	100%	34.123-3	TP-030052				
2186	400009	Rel-4 RAN improvements	Rel-4	RP	No	RANimp	14/08/2000	17/03/2004	100%	-	RAN_Wis				
2187	655	Node B synchronization for TDD	Rel-4	R1	No	RANimp-NBsync	14/08/2000	23/03/2001	100%		RAN_Wis	Siemens			
2188	2206	RAB support enhancement for Rel-4	Rel-4	R2	No	RANimp-RABSE	21/08/2000	23/03/2001	100%		RAN_Wis	Ericsson			
2189	402102	Deleted - Conformance Test Aspects - Rel-4 RAN Improven	Rel-4	T1	No		01/01/2002	17/03/2004	100%	-					
2190	402222	<i>Deleted - Testing Radio access bearer support enhanceme</i>	Rel-4	T1	No		01/01/2002	02/09/2002	100%	-					
2191	402461	<i>Deleted - Testing RAB support enhancements-Robust Hæ</i>	Rel-4	T1	No	RABimp-RoCH	28/05/2002	03/09/2003	100%	34.123-1, -2	TP-030052				
2192	41006	<i>Deleted - Testing RAB support enhancements-Robust Hæ</i>	Rel-4	T1	No		28/05/2002	17/03/2004	100%	34.123-3	TP-030052				
2193	41007	Testing of Extended Robut Header Compression	Rel-4	T1	No	Ext-RoHC	18/09/2002	30/09/2003	100%	34.123-1, -2	TP-030052				
2194	41008	<i>Deleted - Testing of Extended Robut Header Compression</i>	Rel-4	T1	No		18/09/2002	16/12/2003	100%	34.123-3	TP-030052				
2195	41009	<i>Deleted - General changes to TS34.121 corresponding to</i>	Rel-4	T1	No	RANimp-test	03/03/2003	03/03/2004	100%	34.108, 34.121					
2196	401652	Rel-4 Emergency call enhancements	Rel-4	N1,S1,T1	No	EMC1	03/01/2000	28/05/2002	100%	-		Ericsson			

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2197	1654	For CS based calls	Rel-4	N1	No	EMC1-CS	03/01/2000	28/05/2002	100%	-	NP-010136	Ericsson			
2198	1320	Distinction in CS domain of emergency call types to differe	Rel-4	S1	No	EMC1-CS	01/05/2000	23/06/2000	100%	-					
2199	1999	Distinction in CS domain of emergency calls to different err	Rel-4	N1	No	EMC1-CS	24/08/2000	22/09/2000	100%	-					
2200	402224	Deleted - Conformance Test Aspects - Emergency call enl	Rel-4	T1	No	EMC1-CS	03/01/2000	28/07/2000	100%	-					
2201	2226	Testing CS based emergency calls	Rel-4	T1	No	EMC1-CS	25/02/2002	28/05/2002	100%	34.123-1	TP-030052				
2202	2563	Testing CS based emergency calls - TTCN	Rel-4	T1	No	EMC1-CS	22/11/2001	28/05/2002	100%	34.123-3	TP-030052				
2203	401826	Rel-4 Terminal interfaces	Rel-4	T2	No	TI	03/01/2000	15/03/2001	100%	-	not needed				
2204	1827	AT commands enhancements	Rel-4	T2	No	TI-ATC	03/01/2000	14/03/2001	100%	27.007					
2205	1828	Specification of AT commands for new services	Rel-4	T2	No		03/01/2000	14/03/2001	100%	27.007					
2206	1829	Wide Area Data Synchronization	Rel-4	T2	No	TI-WADS	03/01/2000	14/03/2001	100%	-					
2207	1830	Continues evolution of Synchronization protocol	Rel-4	T2	No	TI-SYNC-EVOL	03/01/2000	14/03/2001	100%	27.903, 27.103					
2208	1832	Terminal local model	Rel-4	T2	No	TLM	16/05/2000	15/03/2001	100%	23.227	TP-000080	Ericsson			
2209	401536	Rel-4 Location Services enhancements	Rel-4	S2	No	LCS1	03/04/2000	28/12/2001	100%	-	SP-010518	Nokia			
2210	2229	CBS interactions	Rel-4	T2	No	LCS1-CBS	03/04/2000	28/12/2001	100%	23.041					
2211	523	LCS support in the CS domain	Rel-4	S2	No	LCS1-CS	15/05/2000	19/01/2001	100%	-					
2212	525	LCS support in the PS domain	Rel-4	S2	No	LCS1-PS	01/05/2000	28/12/2001	100%	-					
2213	1642	Stage 1	Rel-4	S1	No		03/07/2000	25/08/2000	100%	22.071		Pacific Bell Wireless			
2214	1181	Stage 2	Rel-4	S2	No		01/05/2000	19/01/2001	100%	23.271					
2215	1180	Stage 3	Rel-4	N1	No		21/08/2000	28/12/2001	100%	-					
2216	526	Layer 3 LCS signalling UE (MS) -SGSN (UMTS PS ar	Rel-4	N1	No		21/08/2000	28/12/2001	100%	-		Nokia			
2217	2462	MAP impacts of LCS	Rel-4	N4	No		21/08/2000	30/03/2001	100%	-					
2218	527	GTP signalling for LCS	Rel-4	N4	No		21/08/2000	30/03/2001	100%	-					
2219	401600	UE positioning Rel-4	Rel-4	RP	No	LCS1-UEpos	03/04/2000	30/03/2001	100%		RAN_Wis				
2220	1601	Iub/Iur interfaces for methods Rel 99	Rel-4	R3	No	LCS1-UEpos-Iubi	03/04/2000	30/03/2001	100%		RAN_Wis	Ericsson			
2221	1602	UE positioning enhancements - IPDL for TDD	Rel-4	R2	No	LCS1-UEpos-enh	28/08/2000	23/03/2001	100%		RAN_Wis	Siemens			
2222	401560	Rel-4 UICC/(U)SIM enhancements and interwo	Rel-4	T3	No	UICC1	24/07/2000	23/03/2001	100%	-	not needed				
2223	1799	Common PCN Handset Specification (CPHS)	Rel-4	T3	No	UICC1-CPHS	24/07/2000	23/03/2001	100%	27.103	TP-000116	One2One			
2224	401800	Rel-4 (U)SIM toolkit enhancements	Rel-4	T3	No	USAT1-LocLnk	05/06/2000	23/03/2001	100%	-	not needed	Gemplus			
2225	2034	USAT local link	Rel-4	T3	No	USAT1-LocLnk	05/06/2000	23/03/2001	100%		TP-000116	Gemplus			
2226	401571	Rel-4 Security enhancements	Rel-4	S3	No		03/01/2000	15/03/2002	100%	-	SP-000421	Vodafone			
2227	1587	Evolution of GSM CS algorithms (e.g. A5/3 development and de	Rel-4	S3	No	SEC1-CSALGO1	03/01/2000	15/01/2001	100%		SP-000306				
2228	1588	Evolution of GSM PS algorithms (e.g. GEA 2 deployment)	Rel-4	S3	No	SEC1-PSALGO1	22/02/2000	22/12/2000	100%	-	SP-000307				
2229	1589	Main aspects	Rel-4	S3	No	SEC1-PSALGO1	22/02/2000	24/11/2000	100%	-					
2230	1618	Impact on GTP	Rel-4	N4	No	SEC1-PSALGO1	20/03/2000	22/12/2000	100%	-					
2231	1661	GEA capability indication in MS CM	Rel-4	N1	No	SEC1-PSALGO1	19/06/2000	22/12/2000	100%	-		Vodafone Airtouch			
2232	401583	Deleted - MAP application layer security	Rel-4	S3	No	SEC1-MAPAL	03/01/2000	15/03/2002	100%	-					
2233	401584	Deleted - Main aspects	Rel-4	S3	No		21/02/2000	29/03/2001	100%	-					
2234	402025	Deleted - Other stage 3 aspects	Rel-4	N4	No		22/02/2000	24/11/2000	100%	-					
2235	401594	Deleted - Visibility and Configurability of security	Rel-4	S3	No	SEC1-VCS	03/01/2000	15/03/2002	100%		SP-000305	France Telecom			
2236	401142	Rel-4 Charging and OAM&P	Rel-4	S5	No	OAM	01/12/2000	05/10/2001	100%	-	SP-010461	eStream, Motorola			
2237	2089	Rel4 Principles, high level Requirements and Architecture	Rel-4	S5	No	OAM-AR/PR	01/12/2000	21/06/2001	100%	32.101, 32.102	SP-010461	Motorola, Telia			
2238	2088	Rel4 Performance Management	Rel-4	S5	No		01/12/2000	28/09/2001	100%	32.4xy, 52.402	SP-010238	T-Mobile			
2239	2081	Fault Management	Rel-4	S5	No		01/12/2000	05/10/2001	100%	32.111-1/4	SP-000524	Lucent			

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2240	2082	Configuration Management	Rel-4	S5	No	OAM-CM	01/12/2000	21/06/2001	100%	32.106-1/8	SP-000524	Ericsson			
2241	2083	Rel4 Charging Management	Rel-4	S5	No	OAM-CH	01/12/2000	28/09/2001	100%	32.200, 32.205, 32.2	SP-000524	T-Mobile			
2242	2071	UTRAN Operations and Maintenance procedures	Rel-4	S5	No	UOAM	01/12/2000	21/06/2001	100%	32.800	SP-000524	nesmann Mobilfunk			
2243	1517	Global Text Telephony	Rel-4	S4,T1,R5	No	GTT	03/01/2000	18/09/2009	100%	-	SP-010340	Ericsson			
2244	1634	Stage 1	Rel-4	S1	No	GTT	05/04/2000	22/12/2000	100%	22.976, 22.226	SP-010340				
2245	1519	Stage 2	Rel-4	S2	No	GTT	03/01/2000	13/10/2000	100%	23.226	SP-010340				
2246	2234	Specification of Cellular Text telephone Modem	Rel-4	S4	No	GTT-CTM	11/09/2000	19/03/2001	100%	-	SP-010340				
2247	2238	General description and C-code	Rel-4	S4	No	GTT-CTM	11/09/2000	11/12/2000	100%	26.226, 26.230					
2248	2237	Minimum Performance requirements	Rel-4	S4	No	GTT-CTM	11/09/2000	19/03/2001	100%	26.231					
2249	1852	<i>Deleted - Conformance Test Aspects - Global Text Telephony</i>	Rel-4	R5,T1	No	GTT_Test	21/09/2000	18/09/2009	100%	-					
2250	0	Release 1999 Features	R99	TP,SMG	No		01/01/2000	01/01/2000	0%	-					
2251	60150	UMTS Features	R99	V3,N4,RP	No		01/01/1999	31/12/1999	100%	-					
2252	60102	UMTS_SERVICES	R99	S1	No	UMTS_SERVICE	01/01/1999	31/12/1999	100%	22.101					
2253	60103	UMTS phase 1	R99	S1	No	UMTS1	01/01/1999	31/12/1999	100%	22.100					
2254	60119	UMTS Capabilities	R99	S1	No	UMTS_Capabil	01/01/1999	31/12/1999	100%	22.105					
2255	60164	Architecture of the GSM-UMTS platform	R99	S2,N4	No		01/01/1999	31/12/1999	100%	23.002, 23.008, 23.0	3MG 98-0228				
2256	60165	UMTS Terrestrial Radio Access Network	R99	RP	No	UTRAN	01/01/1999	31/12/1999	100%	22.011, 22.038, 22.0					
2257	60083	UMTS 1800, UMTS 1900	R99	R2	No	Rlnmp19, Rlnmp	01/01/1999	31/12/1999	100%	25.307 CR#0002, 00					
2258	60149	Mandatory speech codec for narrowband telephony service	R99	S4	No	Mandatory_Spee	01/01/1999	31/12/1999	100%	04.08, 05.01, 05.02,	SP-99060				
2259	60055	Codec for low bitrate multimedia telephony service	R99	S4	No	Low_bit_rate_coc	01/01/1999	31/12/1999	100%	26.104, 26.110, 26.1	SP-99060				
2260	60109	3G Audio-Visual Terminal characteristics	R99	S4	No	WI5TAC, 3G-AVT	01/01/1999	31/12/1999	100%	26.131, 26.132	SP-99129				
2261	60104	Updates_for_UMTS	R99	N3	No	Updates_for_UM	01/01/1999	31/12/1999	100%	24.022, 27.001, 29.0					
2262	60124	UMTS	R99	N3	No	UMTS	01/01/1999	31/12/1999	100%	27.060, 29.061					
2263	60151	UMTS and GSM Features	R99	V4,R2,R3	No		01/01/1999	31/12/1999	100%	-					
2264	60147	Multimedia Messaging Service	R99	T2	No	MMS	01/01/1999	31/12/1999	100%	22.140, 23.040, 23.1	TP-000022				
2265	60121	Location Services	R99	V4,R2,R3	No	LCS	01/01/1999	31/12/1999	100%	02.07, 03.71, 04.31,	SP-99327				
2266	60118	Customised Application for Mobile network Enhanced Log	R99	S2,N2,N4	No	CAMEL3	01/01/1999	31/12/1999	100%	22.101, 23.008, 23.0	SP-99368				
2267	60218	Global view	R99	S2,N2,N4	No	CAMEL3	01/01/1999	31/12/1999	100%	22.078, 23.078, 29.0					
2268	60318	Multiple Subscriber Profile (MSP) based on CAMEL phase	R99	S1	No	CAMEL3	01/01/1999	31/12/1999	100%	22.097 (Advanced A					
2269	60038	Short Message Service enhancements / Enhanced Messagi	R99	T2	No	EMS	01/01/1999	31/12/1999	100%	23.038, 23.039, 23.0	TP-000022				
2270	60122	Mobile Station Execution Environment	R99	SMG1,T2	No	MExE	01/01/1999	31/12/1999	100%	02.57, 22.057, 22.10	TP-000022				
2271	60123	MS_Classmark	R99	N1	No	MS_Classmark	01/01/1999	31/12/1999	100%	24.008					
2272	60057	MultiCall	R99	N1,N2,N4	No	Multicall	01/01/1999	31/12/1999	100%	22.030, 22.083, 22.0	NP-000348				
2273	60058	Multicall	R99	S1	No	Multicall	01/01/1999	31/12/1999	100%	22.030, 22.083, 22.0					
2274	60105	Virtual Home Environment	R99	SMG1,S2	No	VHE	01/01/1999	31/12/1999	100%	02.01, 22.105, 22.12	S1-99133				
2275	60067	Open Service Access	R99	S1,S2,N5	No	OSA	01/01/1999	31/12/1999	100%	22.121, 23.127, 29.1	S1-99133				
2276	60091	Super Charger mechanism for signalling traffic associated	R99	N2,N4	No	Super_Charger	01/01/1999	31/12/1999	100%	21.905, 23.007, 23.0					
2277	60039	Follow_Me service	R99	S1,N2,N4	No	Follow_Me	01/01/1999	31/12/1999	100%	21.905, 22.004, 22.0					
2278	60093	Wide area network Synchronization and object exchange	R99	T2	No	SYNC	01/01/1999	31/12/1999	100%	27.103, 27.903	TP-000022				
2279	60145	Terminal Interfaces	R99	T2	No		01/01/1999	31/12/1999	100%		TP-000022				
2280	60166	AT commands for 3GPP	R99	T2	No		01/01/1999	31/12/1999	100%	27.005, 27.007	TP-000022				
2281	60167	Physical interfaces	R99	T2	No		01/01/1999	31/12/1999	100%	27.901	TP-000022				
2282	60168	Multiplexer	R99	T2	No	MUX MS-TE	01/01/1999	31/12/1999	100%	27.010	TP-000022				

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2283	60169	Bearer Services	R99	T2,N1,N3	No		01/01/1999	31/12/1999	100%	-					
2284	60012	Circuit Switched Bearer Services	R99	S1,N3	No	Circuit_switcher	01/01/1999	31/12/1999	100%	22.002, 23.910, 27.007	NP-99285				
2285	60021	Circuit Switched Bearer Services	R99	S1,N3	No	CS_Bearerss_in_	01/01/1999	31/12/1999	100%	22.002, 23.910, 27.007	NP-99285				
2286	60019	CS_Bearers	R99	N3	No	CS_Bearers	01/01/1999	31/12/1999	100%	29.007					
2287	60020	CS_Bearerss	R99	N3	No	CS_Bearerss	01/01/1999	31/12/1999	100%	04.21, 23.910, 27.007					
2288	60022	CS_Data	R99	N3	No	CS_Data	01/01/1999	31/12/1999	100%	27.001, 27.002, 27.007					
2289	60023	CS_Data_Bearers	R99	N3	No	CS_Data_Bearers	01/01/1999	31/12/1999	100%	23.910, 27.001, 29.007					
2290	60024	Deleted - Circuit Switched Bearer Services	R99	N3	No	CSBS	01/01/1999	31/12/1999	100%	29.007					
2291	60040	Frame Tunnelling Mode	R99	T2,N1,N3	No	FTM	01/01/1999	31/12/1999	100%	22.002, 27.001, 27.007	NP-99285				
2292	60171	Access to ISPs and Intranets – Wireless/Remote access to	R99	N3	No	Interworking with	01/01/1999	31/12/1999	100%	29.061	N3-99069				
2293	60070	PHS Internet Access Forum Specification	R99	S1,N3	No	PIAFS	01/01/1999	31/12/1999	100%	22.002, 27.001, 27.007	NP-99285				
2294	60170	Personal Handyphone System Internet Access Forum	R99	S1	No	PIAFS	01/01/1999	31/12/1999	100%	22.002					
2295	60092	Support_of_PIAFS_in_UMTS	R99	N3	No	Support_of_PIAF	01/01/1999	31/12/1999	100%	27.001, 27.007, 29.007					
2296	60172	Universal Integrated Circuit Card (UICC) and Universal Sub	R99	T3	No	UICC, USIM	01/01/1999	31/12/1999	100%	-	TP-99084				
2297	60173	UICC / Terminal interface; Physical and logical characteris	R99	T3	No	UICC	01/01/1999	31/12/1999	100%	31.101 (Since 10/20	TP-99084				
2298	60142	UICC/(U)SIM enhancements and interworking	R99	T3	No	UICC1	01/01/1999	31/12/1999	100%	31.102, 31.900					
2299	60174	Characteristics of the USIM application	R99	T3	No	USIM	01/01/1999	31/12/1999	100%	31.102	TP-99084				
2300	60114	UICC Application Identifiers	R99	T3	No	AID, Application_	01/01/1999	31/12/1999	100%	21.111, 31.110	TP-99184				
2301	60139	SIM Application Toolkit	R99	S1,T3	No	SAT	01/01/1999	31/12/1999	100%	11.14, 22.030, 22.101					
2302	60141	USIM Application Toolkit	R99	T3	No	USAT	01/01/1999	31/12/1999	100%	31.111	TP-99184				
2303	60175	Bearer Independent Protocol for SAT applications to exchange	R99	T3	No	BIP	01/01/1999	31/12/1999	100%	03.48, 11.10, 11.14	MG P 99 186				
2304	60176	Administrative commands and functions for IC cards	R99	T3	No		01/01/1999	31/12/1999	100%	ETSI TS 102 222	40 (SMG 31)				
2305	60177	USIM and UICC requirements	R99	T3	No		01/01/1999	31/12/1999	100%	21.111	TP-99084				
2306	60140	SIM_API	R99	T3	No	SIM_API	01/01/1999	31/12/1999	100%	03.19					
2307	60086	SIM_toolkit_API	R99	SMG9,T3	No	SIM_toolkit	01/01/1999	31/12/1999	100%	03.48, 11.11, 11.14					
2308	60087	Deleted - 1.8 Volt SIM ME interface	R99	SMG9	No	SMIME_1.8V	01/01/1999	31/12/1999	100%	11.18					
2309	60178	USIM/UICC Testing	R99	T3	No		01/01/1999	31/12/1999	100%	-					
2310	60179	Terminal tests for the UICC Interface	R99	T3	No		01/01/1999	31/12/1999	100%	31.120	TP-99184				
2311	60180	USIM application test specification	R99	T3	No		01/01/1999	31/12/1999	100%	31.121	TP-99184				
2312	60181	USIM conformance test specification	R99	T3	No		01/01/1999	31/12/1999	100%	31.122					
2313	60182	SIM toolkit test specification	R99	T3	No		01/01/1999	31/12/1999	100%	11.10-4	MG P 99 416				
2314	60137	Security	R99	S3,N2,N4	No	Security	01/01/1999	31/12/1999	100%	02.09, 03.20, 21.13					
2315	60183	Fraud Information Gathering Service (for connection-orient	R99	S3	No	FIGS	01/01/1999	31/12/1999	100%	22.031, 23.031					
2316	60085	Immediate Service Termination / SECurity Immediate Servi	R99	S3,N2,N4	No	IST, SECIST	01/01/1999	31/12/1999	100%	03.35, 22.032, 23.003					
2317	60018	Core_Network_Security	R99	N4	No	Core_Network_Si	01/01/1999	31/12/1999	100%	29.002					
2318	60152	GSM Features	R99	N2,N3,N4	No		01/01/1999	31/12/1999	100%	-					
2319	60184	Dual Transfer Mode within GSM and GPRS	R99	SMG,N1	No	DTM	01/01/1999	31/12/1999	100%	03.55, 03.64, 04.18,	m SMG2#32)				
2320	60013	Class A Dual Transfer Mode	R99	SMG	No	Class_A_Dual_Tr	01/01/1999	31/12/1999	100%	05.10					
2321	60027	Dual Transfer Mode	R99	SMG,N1	No	DTM	01/01/1999	31/12/1999	100%	03.55, 03.64, 04.18,					
2322	60185	General Packet Radio Service enhancements	R99	N3,N4,T2	No	GPRS enhancen	01/01/1999	31/12/1999	100%	05.02, 05.05, 05.08,					
2323	60132	General Packet Radio Service	R99	N3,N4,T2	No	GPRS	01/01/1999	31/12/1999	100%	02.60, 03.22, 03.64,					
2324	60133	GPRS2	R99	SMG1,N2	No	GPRS2	01/01/1999	31/12/1999	100%	02.60, 23.003					
2325	60134	GPRS Tunnelling Protocol enhancement	R99	N4,N2	No	GTP_enhanceme	01/01/1999	31/12/1999	100%	23.003, 23.008, 29.007					

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2326	60186	Enhanced Data rates for GSM Evolution - Phase 1	R99	N1,N3,T2	No	EDGE - Phase 1	01/01/1999	31/12/1999	100%	10.59, 02.34, 02.60,	SMG 1148/97				
2327	60030	Enhanced Data rates for GSM Evolution	R99	N1,N3,T2	No	EDGE	01/01/1999	31/12/1999	100%	02.34, 03.10, 03.20,	SMG 1148/97				
2328	60034	EDGE-Layer1	R99	SMG2	No	EDGE-Layer1	01/01/1999	31/12/1999	100%	05.05, 05.10, 05.50	SMG 1148/97				
2329	60135	High Speed Circuit Switched Data	R99	32,SMG7	No	HSCSD	01/01/1999	31/12/1999	100%	02.34, 04.18, 11.10-					
2330	60029	Enhanced Circuit Switched Data - Phase 1	R99	S1,SMG	No	ECSD	01/01/1999	31/12/1999	100%	05.02, 08.58, 22.034					
2331	60032	EDGE-Enhanced Circuit Switched Data	R99	SMG2	No	EDGE-ECSD	01/01/1999	31/12/1999	100%	05.03					
2332	60035	Enhanced GPRS - Phase 1	R99	SMG,N1	No	EGPRS	01/01/1999	31/12/1999	100%	02.07, 03.64, 04.14,					
2333	60033	EDGE-EGPRS	R99	SMG2	No	EDGE-EGPRS	01/01/1999	31/12/1999	100%	05.03, 05.05, 05.08					
2334	60069	Packet Flow Context (PFC)	R99	SMG2	No	PFC	01/01/1999	31/12/1999	100%	04.18					
2335	60031	Support for EGPRS in ANSI-136 networks and EDGE COM	R99	SMG	No	EDGE-Compact	01/01/1999	31/12/1999	100%	03.22, 03.30, 03.64,	SMG2 872/99				
2336	60036	EGPRS COMPACT	R99	SMG	No	EGPRS-Compact	01/01/1999	31/12/1999	100%	04.18, 05.02	SMG2 872/99				
2337	60136	COMPACT	R99	SMG,N1	No	COMPACT	01/01/1999	31/12/1999	100%	03.22, 04.18, 04.60,	SMG2 872/99				
2338	60047	GSM_400	R99	SMG7,T2	No	GSM_400	01/01/1999	31/12/1999	100%	02.17, 03.22, 03.30,	SMG2 507/00				
2339	60048	GSM_450	R99	SMG2	No	GSM_450	01/01/1999	31/12/1999	100%	03.22, 03.30, 05.01,					
2340	60131	GSM_700	R99	SMG2	No	GSM_700	01/01/1999	31/12/1999	100%	05.05					
2341	60041	Deleted - GERAN	R99	SMG2,S2	No	GERAN	01/01/1999	31/12/1999	100%	G2: 04.18 CR#A246					
2342	60153	GSM Features transposed to UMTS	R99	T2,N2,N4	No		01/01/1999	31/12/1999	100%	-					
2343	60187	Cell Broadcast Service	R99	T2	No	CBS	01/01/1999	31/12/1999	100%	23.041	TP-000022				
2344	60188	GSM mobile number portability euro MNP / North American	R99	S1,N2,N4	No	MNP	01/01/1999	31/12/1999	100%	22.066	R98 (02.66)				
2345	60144	Mobile Number Portability	R99	N2,N4	No	MNP	01/01/1999	31/12/1999	100%	23.018, 23.066, 29.0					
2346	60189	Automatic establishment of roaming relations	R99	S1	No		01/01/1999	31/12/1999	100%	22.101, 22.971					
2347	60190	Advanced addressing	R99	S1	No		01/01/1999	31/12/1999	100%	22.101, 22.75U, 22.1	S1-99136				
2348	60191	UMTS numbering, addressing and identities	R99	S1	No		01/01/1999	31/12/1999	100%	22.101					
2349	60192	Lawful Interception	R99	S3	No	LI	01/01/1999	31/12/1999	100%	33.106, 33.107					
2350	60154	Charging	R99	S1,S5	No	CH	01/01/1999	31/12/1999	100%	-					
2351	60011	Charging	R99	S1	No	Charging	01/01/1999	31/12/1999	100%	22.115, 23.121	SP-99271				
2352	60215	OAM Charging Management	R99	S5	No	OAMCH, CH	01/01/1999	31/12/1999	100%	32.005, 32.015	SP-99581				
2353	60155	Operations, Administration, Maintenance and	R99	S5	No	OAM	01/01/1999	31/12/1999	100%	-	SP-99581				
2354	60073	OAM Principles and High-level Requirements	R99	S5	No	PR, Princs_&_Re	01/01/1999	31/12/1999	100%	32.101	SP-99581				
2355	60062	OAM Architecture	R99	S5	No	OAMAR, AR, Tel	01/01/1999	31/12/1999	100%	32.101, 32.102	SP-99581				
2356	60014	OAM Configuration Management	R99	S5	No	OAMCM, CM	01/01/1999	31/12/1999	100%	32.106, 32.106-1, 32	SP-99273				
2357	60063	OAM Fault Management	R99	S5	No	OAMFM	01/01/1999	31/12/1999	100%	32.111, 32.111-1, 32	SP-99272				
2358	60064	OAM Performance Management	R99	S5	No	OAMPM, PM	01/01/1999	31/12/1999	100%	12.04, 32.104	SP-99274				
2359	60106	Vocabulary	R99	S1	No	Vocabulary	01/01/1999	31/12/1999	100%	21.905					
2360	60037	Emergency	R99	S1	No	Emergency	01/01/1999	31/12/1999	100%	22.101					
2361	60049	GSM General Bearer Services (GBS) and inter	R99	S1	No	GSM_to_UMTS_I	01/01/1999	31/12/1999	100%	22.105					
2362	60043	GPRS Mobile IP interworking	R99	N3	No	GPRS_Mobile_IP	01/01/1999	31/12/1999	100%	29.061					
2363	60046	GSM/UMTS interworking	R99	S1,SMG	No	2G3Ginterworkin	01/01/1999	31/12/1999	100%	03.22, 04.18, 04.60,					
2364	60050	Handover	R99	N1,N2,N4	No	Handover	01/01/1999	31/12/1999	100%	04.18, 08.08, 08.58,					
2365	60120	2G3Ghandover	R99	SMG2	No	2G3Ghandover	01/01/1999	31/12/1999	100%	04.18, 04.60, 05.02,					
2366	60088	Service Provider Name Indication	R99	S1	No	SPANME	01/01/1999	31/12/1999	100%	22.101					
2367	60026	Data & Data_CleanUp	R99	SMG1	No	Data, Data_Clear	01/01/1999	31/12/1999	100%	02.01, 02.02, 02.04,					
2368	60125	Unstructured Supplementary Service Data	R99	SMG1,N4	No	USSD	01/01/1999	31/12/1999	100%	02.04, 02.90, 23.090					

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2369	60126	Man-Machine Interface (MMI) of the User Equip	R99	S1	No	MMI	01/01/1999	31/12/1999	100%	22.030					
2370	60127	Network Identity and Timezone (NITZ)	R99	31,SMG3	No	NITZ	01/01/1999	31/12/1999	100%	02.42, 04.08					
2371	60128	Operator Determined Barring for Packet Oriented	R99	S1	No	ODB_Enh.	01/01/1999	31/12/1999	100%	22.041					
2372	60068	Packet Flow Management	R99	SMG2	No	Packet_Flow_Man	01/01/1999	31/12/1999	100%	08.18					
2373	60044	GPRS_Point-To-Multipoint Group call	R99	SMG1	No	GPRS_PTMG	01/01/1999	31/12/1999	100%	02.60					
2374	60156	Call Forwarding	R99	31,N2,N4	No		01/01/1999	31/12/1999	100%	-					
2375	60010	Call Forwarding enhancements	R99	N4,N2	No	CF_enhancements	01/01/1999	31/12/1999	100%	23.078, 23.079, 23.080					
2376	60116	Call Forwarding	R99	3MG1,N2	No	Call_Forwarding	01/01/1999	31/12/1999	100%	02.82, 29.002					
2377	60117	Call Forwarding Enhancements	R99	N4	No	Call_Forwarding_Enh	01/01/1999	31/12/1999	100%	23.082					
2378	60157	Quality of Service	R99	N1,N2,N4	No		01/01/1999	31/12/1999	100%	-					
2379	60076	End-to-end UMTS Quality of Service management	R99	N1,N2,N4	No	QoS	01/01/1999	31/12/1999	100%	23.107, 23.907, 24.000	SMG 98-0781				
2380	60130	End-to-end QoS for PS Domain including IMS	R99	S2	No	E2EQoS	01/01/1999	31/12/1999	100%	23.060, 23.170					
2381	60045	GPRS-enhanced_QoS	R99	T2	No	GPRS-enhanced_QoS	01/01/1999	31/12/1999	100%	27.007					
2382	60077	QoS enhancements	R99	N2,N1,N4	No	QoS_enhancements	01/01/1999	31/12/1999	100%	23.008, 23.016, 24.000					
2383	60129	Support of Localised Service Area	R99	3MG7,N2	No	SoLSA	01/01/1999	31/12/1999	100%	04.08, 04.18, 08.08,					
2384	60100	Transcoder_location	R99	S2	No	Transcoder_location	01/01/1999	31/12/1999	100%	23.110					
2385	60113	Antenna_test_methods	R99	SMG2	No	Antenna_test_methods	01/01/1999	31/12/1999	100%	03.30					
2386	60107	WBAMR / high quality speech in UMTS Phase 2	R99	S1	No	WBAMR	01/01/1999	31/12/1999	100%	22.105					
2387	60138	Codec	R99	S4	No		01/01/1999	31/12/1999	100%	-					
2388	60015	Codec(s)_for_Multimedia_Telephony_Service	R99	S4	No	Multimedia_Codec	01/01/1999	31/12/1999	100%	26.911, 26.104, 26.105					
2389	60078	QoS for Speech and Multimedia Codec	R99	S4	No	QoS_for_Speech	01/01/1999	31/12/1999	100%	26.102, 26.912	SP-99060				
2390	60099	Tandem Free Operation - Adaptive Multi-Rate codec	R99	S4	No	TFOAMR	01/01/1999	31/12/1999	100%	26.103					
2391	60112	Noise Suppression for AMR	R99	S4	No	AMRNS	01/01/1999	31/12/1999	100%	06.77, 06.78					
2392	60065	Out-of-Band Transcoder	R99	N1	No	OoBT	01/01/1999	31/12/1999	100%	23.009, 24.008					
2393	60066	Out-of-Band Transcoder Control	R99	N1	No	OoBTC	01/01/1999	31/12/1999	100%	24.008 CR#0572 in					
2394	60143	Advanced Speech Call Items enhancements	R99	N4,S1,T2	No	ASCI	01/01/1999	31/12/1999	100%	02.30, 02.68, 03.68,					
2395	60009	Call Control improvements	R99	N1	No	CC_Related_items	01/01/1999	31/12/1999	100%	24.007, 24.008					
2396	60059	Multimedia	R99	N1,N3	No	Multimedia	01/01/1999	31/12/1999	100%	24.008, 27.001, 29.000					
2397	60089	Sub-System Number allocation for RANAP, RAN	R99	N2	No	SSN_allocation	01/01/1999	31/12/1999	100%	23.003					
2398	60053	Intranet / ISP access with DHCP end-to-end	R99	N3	No	ISPaccess	01/01/1999	31/12/1999	100%	29.061					
2399	60072	Point_to_Multipoint_Services	R99	N3	No	Point_to_Multipoint	01/01/1999	31/12/1999	100%	29.061					
2400	60146	Facsimile	R99	S1	No	FAX	01/01/1999	31/12/1999	100%	22.003, 22.100					
2401	60081	Realtime_NT_FAX_in_UMTS	R99	N3	No	Realtime_NT_FAX	01/01/1999	31/12/1999	100%	27.001, 27.003					
2402	60042	Gateway Location Register (GLR) - Mobile Applications	R99	N4	No	GLR	01/01/1999	31/12/1999	100%	29.120					
2403	60056	Multiple Subscriber Profile phase 2	R99	S1,N4	No	MSP2	01/01/1999	31/12/1999	100%	22.097, 23.072, 23.073					
2404	60074	Prepaging	R99	N2,N4	No	Prepaging	01/01/1999	31/12/1999	100%	23.018, 23.082, 29.000					
2405	60148	Downlink Advanced Receiver Performance	R99	SMG	No		01/01/1999	31/12/1999	100%	05.09					
2406	60051	Harmonized Standard	R99	SMG2	No	HS	01/01/1999	31/12/1999	100%	13.21					
2407	60090	Streamlining of specifications	R99	N3	No	Streamlining	01/01/1999	31/12/1999	100%	27.060, 29.061					
2408	60079	R99_Service_Clean_up	R99	N3	No	R99_Service_Clean_up	01/01/1999	31/12/1999	100%	03.10, 27.001, 27.002					
2409	60094	small Technical Enhancements and Improvements	R99	N3	No	TEI	01/01/1999	31/12/1999	100%	-					
2410	60095	TEI_[CS_Data]	R99	N3	No	TEI_[CS_Data]	01/01/1999	31/12/1999	100%	-					
2411	60096	TEI_[GPRS]	R99	N3	No	TEI_[GPRS]	01/01/1999	31/12/1999	100%	-					

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													Jul	Sep	Nov
2412	25016	R99 UE Conformance Testing	R99	R5,T1	No	TEI_Test	01/01/1999	31/12/1999	100%	34.108, 34.121, 34.1					
2413	60084	Deleted - RTEI	R99	T1	No	RTEI	01/01/1999	31/12/1999	100%	34.123-1 CR#0650,					
2414	60193	Common test environments for User Equipment (UE); Conl	R99	R5,T1	No	TEI_Test	01/01/1999	01/01/1999	100%	34.108					
2415	60194	Terminal conformance specification, Radio transmission a	R99	R5,T1	No	TEI_Test	01/01/1999	01/01/1999	100%	34.121					
2416	60195	Terminal conformance specification, Radio transmission a	R99	R5,T1	No	TEI_Test	01/01/1999	01/01/1999	100%	34.122					
2417	60196	UE conformance specification; Part 1: Protocol conforman	R99	R5,T1	No	TEI_Test	01/01/1999	01/01/1999	100%	34.123-1					
2418	60197	UE conformance specification; Part 2: Implementation Con	R99	R5,T1	No	TEI_Test	01/01/1999	01/01/1999	100%	34.123-2					
2419	60198	UE conformance specification; Part 3: Abstract test suites	R99	R5,T1	No	TEI_Test	01/01/1999	01/01/1999	100%	34.123-3					
2420	60028	Deleted - Dual Tone Multi-Frequency signalling : Support in the whok	R99	N1	No	DTMF	01/01/1999	31/12/1999	100%	23.014 CR#0004					
2421	60052	Deleted - Intersystem_Change	R99	G3new	No	Intersystem_Ch	01/01/1999	31/12/1999	100%	04.18 CR#A243					
2422	60054	Deleted - Long_Forwardedto_Numbers	R99	N2	No	Long_Forwarded	01/01/1999	31/12/1999	100%	29.002					
2423	60080	Deleted - RANimp-FSEarlyUE	R99	R3	No	RANimp-FSEarly	01/01/1999	31/12/1999	100%	25.413 CR#0520, 0					
2424	0	Release 1999 Studies	R99	S1,T2	No		03/01/2000	03/01/2000	0%	-					
2425	60061	Advanced Addressing/Numbering	R99	S1	No	Numbering	01/01/1999	31/12/1999	100%	22.975					
2426	60161	Combined GSM and Mobile IP mobility handlii	R99	S2	No		01/01/1999	31/12/1999	100%	23.923	3MG 98/0760				
2427	60101	UE Capabilities Requirements	R99	T2	No	UCR	01/01/1999	31/12/1999	100%	21.904	TP-000022				
2428	60158	Electrical safety requirements and regulations	R99	T2	No		01/01/1999	31/12/1999	100%	34.907	TP-000022				
2429	60159	Specific Absorbtion Rate (SAR) requirements	R99	T2	No		01/01/1999	31/12/1999	100%	34.925	TP-000022				
2430	60160	Multi-mode UE issues	R99	T2	No		01/01/1999	31/12/1999	100%	21.810, 21.910	TP-000022				
2431	60162	Provision of fax service in GSM and UMTS	R99	T2	No		01/01/1999	31/12/1999	100%	22.945					
2432	60163	Separating Radio Resources and Mobility Mar	R99	T2	No		01/01/1999	31/12/1999	100%	23.814					
2433	0				No		03/01/2000	03/01/2000	0%						

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Date: 03/12/2009

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			