

ID	Jnique_IC	Name	Release	Resource Names	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	
1	0	Version 2010 Jun 08			-	03/01/2000	18/01/2013	0%	-	-	-	May
2	0	2 GERAN Rel-9 exceptions to 09/2010 (EHNB-GERAN , VAMOS)			-	07/12/1998	07/12/1998	0%	-	-	-	
3	0				-	07/12/1998	07/12/1998	0%	-	-	-	
4	0	"CTRL + a" to display all the 3GPP fields			-	07/12/1998	07/12/1998	0%	-	-	-	
5	0	Gantt: dark blue=done; light blue=to be done; grey: previous values; black=summary			-	07/12/1998	07/12/1998	0%	-	-	-	
6	0	Release 11 Features	Rel-11	SP	-	01/01/2000	01/01/2000	0%	-	-	-	
7	470051	Advanced IP Interconnection of Services	Rel-11	S1	IPXS	25/03/2010	10/12/2010	1%	-	SP-100227	Telefónica	
9	480030	System Improvements to Machine-Type Communications (MTC) Feat	Rel-11	S1,S2,S3	MTC	10/06/2010	10/12/2010	0%	-	SP-100432	KPN	
11	480031	Unstructured Supplementary Service Data (USSD) simulation service	Rel-11	S1	USSD	10/06/2010	10/06/2010	100%	-	SP-100408	Deutsche Telekom	
13	480038	Network Provided Location Information for IMS (Small) Technical Enhancements and Improvements for Rel-11	Rel-11	S2	NWK-PL2IMS	10/06/2010	23/06/2011	0%	-	SP-100358	T-Mobile	
16	480004		Rel-11	All	TEI11	10/06/2010	23/12/2011	0%	-	not applicable	-	
17	0	Release 11 Studies	Rel-11	SP	-	01/01/2000	01/01/2000	0%	-	-	-	
18	450047	Study on IMS based Peer-to-Peer Content Distribution Services	Rel-11	S1	FS_IMS_P2P	12/05/2009	10/06/2010	100%	22.906	SP-090491	China Mobile	
19	460024	Study on Non Voice Emergency Services	Rel-11	S1	FS_NOVES	10/12/2009	23/09/2010	60%	22.871	SP-090897	Qualcomm	
20	460025	Study on UICC/USIM enhancements	Rel-11	S1	FS_U2e	10/12/2009	23/09/2010	32%	22.817	SP-090852	Giesecke & Devrient	
21	470020	Study on Alternatives to E.164 for Machine-Type Communications	Rel-11	S1	FS_AMTC	25/03/2010	16/12/2010	10%	22.9xy	SP-100198	T-Mobile USA	
22	480032	Study on enhancements for Machine-Type Communications (MTC)	Rel-11	S1	FS_MTCe	10/06/2010	16/06/2011	0%	22.8xy	SP-100433	Huawei	
23	480033	Study for Support for 3GPP Voice Interworking with Enterprise IP-PE	Rel-11	S1	FS_VINE	10/06/2010	17/03/2011	0%	22.8yz	SP-100411	Tatara Systems	
24	0	Release 10 Features	Rel-10	P,RP,SP	-	01/01/2000	01/01/2000	0%	-	-	-	
25	450053	Extended H(e)NB features	Rel-10	S1,S2,S3	EHNB	11/12/2008	23/09/2010	86%	-	SP-100407	NEC	
29	410030	Network Improvements for Machine-Type Communications	Rel-10	S1,C3,C4	NIMTC	18/09/2008	25/03/2011	32%	-	SP-090832	KPN	
37	430035	Multi Access PDN Connectivity	Rel-10	S2	MAPCON	13/03/2009	23/09/2010	90%	23.237, 23	SP-090659	Telecom Italia	
38	440052	IMS Service Continuity – Inter Device Transfer enhancements	Rel-10	S1,S2,C1	IMS_SC_eIDT	04/06/2009	18/03/2011	56%	-	SP-090452	Huawei	
42	450030	IP-Short-Message-Gateway enhancements for CPM-SMS Interworking	Rel-10	S1,S2,C3	CPM-SMS	24/09/2009	17/09/2010	99%	-	SP-090615	China Mobile	
46	450033	Completion of Communications on Not Logged-in	Rel-10	S1,C1,C3	CCNL	24/09/2009	10/09/2010	51%	-	SP-090493	Deutsche Telekom	
50	450035	Local IP Access and Selected Internet IP Traffic Offload	Rel-10	S5,C4,C1	LIPA_SIPTO	24/09/2009	18/03/2011	23%	-	SP-090761	Huawei, China Mobile	
64	450041	IP Flow Mobility and seamless WLAN offload	Rel-10	S5,C1,C3	IFOM	24/09/2009	18/03/2011	27%	-	SP-100089	Qualcomm	
71	450044	Enabling Coder Selection and Rate Adaptation for UTRAN and E-UTR	Rel-10	S2,S4,R2	ECSRA_LAA	24/09/2009	23/09/2010	88%	UTRA, LTI	SP-090617	Qualcomm	
74	460026	Support BroadBand Forum (BBF) Accesses Interworking	Rel-10	S2,S1	BBAI	10/12/2009	24/06/2011	12%	-	SP-100222	Ericsson	
80	460028	Optimal Media Routeing	Rel-10	S3,C1,C4	OMR	25/03/2010	18/03/2011	17%	-	SP-090803	Alcatel-Lucent	
86	460029	Enhancements for Multimedia Priority Service	Rel-10	S2	eMPS	10/12/2009	24/12/2010	11%	-	SP-100166	Ericsson, NTT DoCoMo	
93	470026	IMS Emergency Session Enhancements	Rel-10	S2,S1	IESE	25/03/2010	24/09/2010	50%	-	SP-100170	Ericsson, Telekom, T-Mobile	
96	480011	User Data Convergence - Data Model	Rel-10	S1,C4	UDC_DM	25/03/2010	18/03/2011	14%	-	CP-100422	Telecom Italia	
100	480037	S2b Mobility based on GTP	Rel-10	S2	SMOG	10/06/2010	24/09/2010	0%	23.002, 23	SP-100357	Alcatel-Lucent	
101	480012	Enhanced User Data Convergence (UDC) Model	Rel-10	C4	eUDC	04/06/2010	18/03/2011	0%	29.335	CP-100295	China Mobile	
102	440055	EEA3 and EIA3 (new Encryption & Integrity EPS security algorithms)	Rel-10	S3	EEA3_EIA3	04/06/2009	16/12/2010	20%	35.xxx (EE	SP-090445	CATR	
103	470029	Lawful Interception in the 3GPP Rel-10	Rel-10	S3	LII0	25/03/2010	16/12/2010	20%	33.106 (LI	SP-100108	PIDS, Nortel	
104	480039	Protection against Unsolicited Communication for IMS (PUCI) - Phase	Rel-10	S3	PUCI2	10/06/2010	16/06/2011	0%	new TR 33	SP-100428	NEC	
105	470030	Codec for Enhanced Voice Services	Rel-10	S4,S1	EVS_codec	25/03/2010	15/12/2011	10%	-	SP-100202	Huawei	
108	470033	Optimization of IMS based PSS and MBMS User Service	Rel-10	S4	OPT_IMS_PSS	25/03/2010	24/03/2011	10%	26.237	SP-100031	Ericsson	
109	470034	HTTP-based Streaming and Download Services	Rel-10	S4	HTTP_SDS	25/03/2010	24/03/2011	5%	26.234, 26	SP-100032	Qualcomm	
110	480040	PSS and MBMS enhancements	Rel-10	S4	MBS_Enh	10/06/2010	24/03/2011	0%	26.234, 26	SP-100305	Ericsson	
111	480041	Enhancements and Addition of Audio Tests to 26.131 and 26.132	Rel-10	S4	EAAT	10/06/2010	24/03/2011	0%	26.131, 26	SP-100306	Vodafone	

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112	460031	OAM&P 10	Rel-10	S5	OAM10	10/12/2009	18/03/2011	16%	-	yt applicable	-	May
128	470044	Charging Management small Enhancements	Rel-10	S5	CH10	04/06/2009	17/03/2011	16%	-	yt applicable	-	
131	470046	Advice of Charge (AoC) service support enhancements	Rel-10	S5	eAoC	25/03/2010	17/03/2011	15%	-	SP-100080	Deutsche Telekom	
133	470003	IMS Stage 3 - IETF Protocol Alignment	Rel-10	C1	IMSProtoc4	19/03/2010	18/03/2011	15%	23.218, 24	CP-100099	Alcatel-Lucent	
134	480013	AT Commands for IMS-configuration	Rel-10	C1	AT_IMS	04/06/2010	18/03/2011	50%	27.007	CP-100376	Ericsson	
135	480014	Further improvements of II-NNI Stage 3 based on operational feedback	Rel-10	C3	II-NNI2	04/06/2010	18/03/2011	5%	29.165	CP-100326	Orange	
136	380173	UMTS/LTE 3500 MHz	Rel-10	R2,R3,R5	RlnImp8-UMTS	30/11/2007	10/12/2010	28%	UTRA, LTI	RP-091380	Ericsson	
140	380077	1.28 Mcps TDD Repeater	Rel-10	R4	RANimp-Repeat	04/12/2007	19/03/2010	100%	UTRA 25.1	RP-071003	RITT	
141	450019	1.28 Mcps TDD Multi-carrier HSUPA	Rel-10	R2,R3,R4	TDD_MC_HSUF	18/09/2009	10/12/2010	50%	UTRA 25.1	RP-090990	CATR	
142	460014	1.28 Mcps TDD Home NodeB RF requirements	Rel-10	R4	HNB_LCRTDD_	04/12/2009	10/12/2010	46%	UTRA	RP-100607	TD Tech	
145	430011	Network-Based Positioning Support in LTE	Rel-10	R2,R3,R4	LCS_LTE-NBPF	09/03/2009	10/12/2010	30%	LTE 36.300	RP-090354	TruePosition	
146	450027	AGNSS Minimum Performance for UTRAN	Rel-10	R4	AGNSSPerf_UT	18/09/2009	18/03/2011	45%	UTRA	RP-100363	Thales	
149	450016	UE Over The Air (Antenna) conformance testing methodology - Laptop	Rel-10	R4	UEAnt_FSTest	18/09/2009	16/09/2011	35%	UTRA 25.1	RP-090778	CATR	
150	460005	Inclusion of "RF Pattern Matching Technologies" as positioning method	Rel-10	R2,R3	LCS_UMTS_RF	04/12/2009	10/12/2010	0%	UTRA	RP-091427	Polaris Wireless	
152	460003	Minimization of Drive Tests for E-UTRAN and UTRAN	Rel-10	R2,R4,R3	MDT_UMTSLTI	04/12/2009	10/12/2010	35%	LTE	RP-100360	Siemens Networks	
154	460010	Fixed Wireless Customer-Premises Equipment (CPE) RF Requirements	Rel-10	R4,R5	FW_CPE_RF	04/12/2009	16/12/2010	9%	LTE	RP-091432	Verizon Wireless	
157	460015	Four carrier HSDPA	Rel-10	R2,R3,R4	4C_HSDPA	04/12/2009	03/06/2011	27%	UTRA	RP-091438	Qualcomm	
160	460007	Carrier Aggregation for LTE	Rel-10	R2,R3,R4	LTE_CA	04/12/2009	16/06/2011	21%	LTE	RP-100611	Nokia	
163	460008	Enhanced Downlink Multiple Antenna Transmission for LTE	Rel-10	R1,R2,R4	LTE_eDL_MIMO	04/12/2009	16/06/2011	16%	LTE	RP-100196	NTT DoCoMo	
166	460009	Uplink Multiple Antenna Transmission for LTE	Rel-10	R1,R2,R4	LTE_UL_MIMO	04/12/2009	16/06/2011	25%	LTE	RP-091430	Huawei	
169	460012	Latency reductions for LTE	Rel-10	R1,R2	LTE_LATREY	04/12/2009	10/12/2010	20%	LTE	RP-091449	Ericsson	
171	460013	Relays for LTE	Rel-10	R1,R2,R4	LTE_Relay	04/12/2009	18/03/2011	13%	LTE	RP-091434	Ericsson	
174	470005	HNB and HeNB Mobility Enhancements	Rel-10	R3,R2	HNB_HENB_mv	19/03/2010	10/12/2010	8%	UTRA, LTI	RP-100371	Alcatel-Lucent	
176	470006	Enhanced Interference Management for Home NodeBs	Rel-10	R3	HNB_IM	19/03/2010	18/03/2011	10%	UTRA	RP-100392	Qualcomm	
178	470007	Enhanced Inter-Cell Interference Control (ICIC) for non-Carrier Aggregation	Rel-10	R2,R3,R4	ECIC_LTE	19/03/2010	17/06/2011	9%	LTE	RP-100383	China Mobile	
181	470008	LTE TDD in 2600MHz for US	Rel-10	R2,R3,R5	LTE_TDD_2600	19/03/2010	18/03/2011	6%	LTE	RP-100694	Clearwire	
185	470009	Adding 2 GHz band LTE for Ancillary Terrestrial Component (ATC) of UTRAN	Rel-10	R4,R2	S_Band_LTE_2G	19/03/2010	17/06/2011	7%	LTE	RP-100376	TerreStar	
188	470010	Adding L-Band LTE for Ancillary Terrestrial Component (ATC) of UTRAN	Rel-10	R4,R2	L_Band_LTE_1.9	19/03/2010	17/06/2011	5%	LTE	RP-100640	Skyterra	
191	470011	LTE Self Optimizing Networks (SON) enhancements	Rel-10	R3,R2,R4	SONenh_LTE	19/03/2010	10/12/2010	10%	LTE	RP-100606	Siemens Networks	
193	470012	Multi-User Multiple-Input and Multiple-Output (MU-MIMO) for 1.28Mcps TDD	Rel-10	R2,R3,R4	MUMIMO_LCR	19/03/2010	17/03/2011	6%	UTRA	RP-100347	CATT	
196	470013	Performance Requirements for two-antenna 1.28Mcps TDD Type 1 and Type 2	Rel-10	R4	2ant_UE_LCR_	19/03/2010	10/12/2010	42%	UTRA	RP-100168	TD Tech	
199	480020	Automatic Neighbour Relation (ANR) for UTRAN	Rel-10	R3,R2	ANR_UTRAN	04/06/2010	10/12/2010	0%	UTRA	RP-100688	ZTE	
201	480021	Support of New Band Combinations for Dual-Band Dual Cell HSDPA	Rel-10	R4,R2	DB_DC_HSDPA	04/06/2010	16/09/2011	0%	UTRA	RP-100657	AT&T	
204	480022	MIMO Testing in HSDPA	Rel-10	R4	MIMO_HSDPA	04/06/2010	10/12/2010	0%	UTRA	RP-100687	Qualcomm	
206	480023	LTE-Advanced Carrier Aggregation of Band 3 and Band 7	Rel-10	R4	LTE_CA_B3_B7	17/09/2010	16/12/2011	0%	LTE	RP-100668	TeliaSonera	
209	480024	Expanded 1900 MHz Band for UTRA and LTE	Rel-10	R4,R2	E1900	04/06/2010	10/12/2010	0%	UTRA, LTI	RP-100676	Sprint	
212	480025	Multi-standard radio Base Station RF requirements for non-contiguous bands	Rel-10	R4	MSR_NC	04/06/2010	17/03/2011	0%	UTRA, LTI	RP-100689	Ericsson	
215	480026	Service continuity in connected mode and location information for MTC	Rel-10	R2,R3	MBMS_LTE_SC	04/06/2010	17/06/2011	0%	LTE	RP-100690	Huawei	
217	480027	Further enhancements to MBMS for LTE	Rel-10	R2,R3	MBMS_LTE_en	04/06/2010	10/12/2010	0%	LTE	RP-100691	Huawei	
219	430001	Local Call Local Switch	Rel-10	R4,C3,C1	LCLS	20/02/2009	04/03/2011	40%	-	GP-090457	Huawei	
225	480002	Tightened Link Level Performance Requirements for Single Antenna LTE	Rel-10	1,G3new	TIGHTER	03/09/2010	02/09/2011	0%	-	GP-101083	Nokia	
229	440044	(Small) Technical Enhancements and Improvements for Rel-10	Rel-10	All	TEI10	04/06/2009	10/12/2009	0%	-	yt applicable	-	
230	350014	<i>Deleted - Registration in Densely-populated area (RED)</i>	Rel-10	S1	RED	12/03/2007	24/09/2009	100%	WID identifi	SP-070133	NTT DoCoMo	

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233	380062	<i>Deleted - Network Selection for non-3GPP Access</i>	Rel-10	S1,C6	N3GtoNSP	07/12/2007	24/09/2009	100%	-	SP-070874	Telefonica O2	May
236	420025	<i>Deleted - GTP-based S8 chaining</i>	Rel-10	S2	GTPchaining	11/12/2008	25/03/2010	100%	-	SP-080798	Huawei	
238	430017	<i>Deleted - UTRAN 2 ms TTI uplink range improvement</i>	Rel-10	R2,R3,R4	RANimp-2mTTI	06/03/2009	19/03/2010	100%	25.133, 25	RP-090333	ia Siemens Networks	
239	440043	<i>Deleted - Enhanced Home NodeB / eNodeB continuation of Rel-9</i>	Rel-10	S2	eEHNB	11/12/2008	25/03/2010	100%	-	not applicable	Alcatel-Lucent	
240	0	Release 10 Studies	Rel-10	iP,RP,SP	-	01/01/2000	01/01/2000	0%	-	-	-	
241	370045	Study on enhanced voice service requirements for the Evolved Packe	Rel-10	S1,S4	FS_EV_EPS	03/09/2007	25/03/2010	100%	22.813	SP-070698	Orange	
244	380083	Study on advanced requirements for IP interconnect	Rel-10	S1	FS_IPXS	04/12/2007	10/12/2009	100%	22.893	SP-070878	Telefonica O2	
245	410039	Study on Personal Broadcast Service	Rel-10	S1	FS_PBS	18/09/2008	25/03/2010	100%	22.947	SP-080504	ETRI	
246	410040	Study on LCS support in SAE for non-3GPP accesses	Rel-10	S1	FS_LCS_n3GPI	18/09/2008	25/03/2010	100%	22.913	SP-080648	SK Telecom	
247	430030	Study on Haptic Services	Rel-10	S1	FS_Haptics	12/03/2009	25/03/2010	100%	22.987	SP-090664	SK Telecom	
248	370050	Study on System enhancements for the use of IMS services in Local I	Rel-10	S2	FS_IMS_LBO_C	01/10/2007	10/12/2009	100%	23.894	SP-080556	Telecom Italia, BT	
249	390055	Study on Intra Domain Connection of RAN Nodes to Multiple CN Nod	Rel-10	S2	FS_IDC	12/03/2008	25/03/2010	100%	23.924 (wa	SP-080094	China Mobile	
250	410041	Study on IMS Evolution	Rel-10	S2	FS_eIMS	18/09/2008	10/12/2010	75%	23.812	SP-100360	China Mobile	
251	410042	Study on enhancements to IMS border functions for IMS Interconnec	Rel-10	S2	FS_eIMS_IBCF	18/09/2008	23/09/2010	35%	23.848	SP-090809	Starent Networks	
252	410043	Study on Multi Access PDN connectivity and IP flow Mobility	Rel-10	S2,S1	FS_MAPIM	18/09/2008	23/09/2010	75%	23.861	SP-080560	Qualcomm	
253	440047	Study on Policy solutions and enhancements	Rel-10	S2,S1	FS_PP	04/06/2009	16/12/2010	35%	23.813	SP-090895	AT&T	
254	440048	Study on IPv6 Migration	Rel-10	S2	FS_IP6M	04/06/2009	23/09/2010	70%	23.975	SP-090362	China Mobile	
255	440049	Study on Single Radio Voice Call Continuity enhancements	Rel-10	S2	FS_eSRVCC	04/06/2009	23/09/2010	60%	23.856	SP-090363	China Mobile	
256	460030	Study on Single Radio Voice Call Continuity from UTRAN/GERAN to I	Rel-10	S2	FS_rSRVCC	10/12/2009	23/09/2010	20%	23.885	SP-090806	Orange	
257	470049	Study on Single Radio Video Call Continuity for 3G-CS	Rel-10	S2	FS_vSRVCC	25/03/2010	23/09/2010	50%	23.886	SP-100168	Samsung	
258	470048	Study on S2b Mobility based on GTP	Rel-10	S2	FS_SMOG	25/03/2010	10/06/2010	100%	23.834	SP-100169	Alcatel-Lucent	
259	380084	Study on UTRAN key management enhancements	Rel-10	S3	FS_UKM	20/12/2007	16/12/2010	60%	33.8xy	SP-090283	Ericsson	
260	480043	Study on Extended IMS Media Plane Security features	Rel-10	S3	FS_eMEDIASEC	10/06/2010	24/03/2011	0%	33.8xy	SP-100256	Vodafone	
261	480048	Study on Single Sign On (SSO) Application Security for IMS - based o	Rel-10	S3	FS_SSO_APS	10/06/2010	24/03/2011	0%	33.8xy	SP-100438	Nokia	
262	430040	Study on Surround Sound codec extension for PSS and MBMS	Rel-10	S4	FS_SS_PSS_M	12/03/2009	23/09/2010	70%	26.950	SP-090019	sunhofer Gesellschaft	
263	480044	Study on Improved Video Coding Support	Rel-10	S4	FS_IVCS	10/06/2010	24/03/2011	0%	26.9xy	SP-100304	Nokia, ETRI	
264	410044	Study on Rc Reference Point Functionalities and Message Flows	Rel-10	S5	FS_OAM_Rc	18/09/2008	25/03/2010	100%	32.825	SP-080464	Huawei	
265	430044	Study on Telecommunication Management; Energy Savings Manager	Rel-10	S5	FS_OAM_ESM	12/03/2009	25/03/2010	100%	32.826	SP-090048	Orange, Vodafone	
266	440069	Study on Integration of Device Management Information with Itf-N	Rel-10	S5	FS_IDMI_Itf-N	04/06/2009	25/03/2010	100%	32.827	SP-100088	Motorola	
267	460037	Study on Alignment of 3GPP Generic NRM IRP and TMF Shared Infor	Rel-10	S5	FS_3GNRM_TM	10/12/2009	10/06/2010	60%	32.828	SP-090759	ia Siemens Networks	
268	460038	Study on Harmonization of 3GPP Alarm IRP and TMF Interface Progr	Rel-10	S5	FS_3G_TMF_FI	10/12/2009	10/06/2010	60%	32.829	SP-090760	works, Alcatel-Lucent	
269	470050	Study on version handling	Rel-10	S5	FS_OAM_VH	25/03/2010	23/09/2010	10%	32.8xx	SP-100082	Ericsson	
270	480045	Study on Alarm Correlation and Alarm Root Cause Analysis	Rel-10	S5	FS_AC_ARCA	10/06/2010	17/03/2011	0%	32.8xy	SP-100376	Ericsson	
271	480046	Study on Alignment of 3GPP PM IRP and TMF Interface Program (TIP	Rel-10	S5	FS_3G_TMF_PI	10/06/2010	09/12/2010	0%	32.8xy	SP-100291	Alcatel-Lucent	
272	480047	Study on Management of Converged Networks	Rel-10	S5	FS_ManCon	10/06/2010	17/03/2011	0%	32.8xy	SP-100377	ia Siemens Networks	
273	450013	Study on Policy and Charging Rules Function (PCRF) failure and rest	Rel-10	C3	FS_PCRF-FR	18/08/2009	17/09/2010	85%	29.816	CP-090861	NEC	
274	480015	Study on impacts on UE-Core Network signalling from Energy Saving	Rel-10	C1	FS_UE-CN_ES	04/06/2010	18/03/2011	0%	24.826	CP-100330	NEC	
275	480016	Study on User Data Convergence (UDC) evolution	Rel-10	C4	FS_UDCe	04/06/2010	10/12/2010	0%	23.845	CP-100296	Alcatel-Lucent	
276	480017	Study on UICC access to IMS	Rel-10	C6	FS_IMS-UICC	04/06/2010	03/12/2010	0%	31.828	CP-100424	Gemalto	
277	430020	Study on Measurement of Radiated Performance for MIMO and multi-	Rel-10	R4	FS_HSPA_LTE	06/03/2009	10/12/2010	85%	UTRA, LTE	RP-090352	Vodafone	
278	440016	Study on Extending 850 MHz	Rel-10	R4	FS_e850	30/05/2009	10/12/2010	35%	UTRA, LTE	RP-090666	Ericsson	
279	450014	Study on Uplink Tx Diversity for HSPA	Rel-10	R4	FS_UL-TxDiv-H	18/08/2009	04/06/2010	100%	UTRA 25.8	RP-090987	Qualcomm	
280	450015	Study on RAN improvements for Machine-Type Communications	Rel-10	R1,R3,R4	FS_NIMTC_RAI	18/09/2009	10/12/2010	30%	UTRA, LTE	RP-100330	Huawei	

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281	460001	Study on GERAN improvements for Machine-Type Communications	Rel-10	GP	FS_NIMTC_GEI	24/05/2010	03/09/2010	10%	45.8/9xy	GP-092418	Ericsson	May
282	460016	Study on Solutions for energy saving within UTRA Node B	Rel-10	R1,R3	FS_Energy_UM	04/12/2009	17/09/2010	40%	UTRA 25.5	RP-091439	Vodafone	
283	470014	Study on Coordinated Multi-Point operation for LTE	Rel-10	R1	FS_COMP_LTE	04/06/2010	16/06/2011	0%	LTE 36.8x	RP-100370	Samsung	
284	470015	Study on Network Energy Saving for E-UTRAN	Rel-10	R3,R2	FS_Energy_LTE	02/02/2010	10/12/2010	0%	LTE 36.8x	RP-100674	China Mobile	
285	470016	Study on Improvements of distributed antenna for 1.28Mcps TDD	Rel-10	R1	FS_distr_ant_LC	19/03/2010	10/12/2010	5%	UTRA 25.5	RP-100178	ZTE	
286	480028	Study on Signaling and procedure for interference avoidance for in-d	Rel-10	R2	FS_SPIA_IDC	04/06/2010	10/12/2010	0%	LTE 36.8x	RP-100671	China Mobile	
287	480003	Study on Signal Precoding enhancements for EGPRS2 DL	Rel-10	GP	FS_SPEED	03/09/2010	26/11/2010	0%	TR x.y.z	GP-101088	Ericsson	
288	400037	<i>Deleted - Study on Unauthenticated PS Emergency Calls</i>	Rel-10	S1	FS_UAPSEC	05/06/2008	25/03/2010	100%	22.984	SP-080320	ia Siemens Networks	
289	440050	<i>Deleted - Study on EPC Charging enhancement</i>	Rel-10	S5	FS_EPCcharg	04/06/2009	25/03/2010	100%	-	SP-090318	ia Siemens Networks	
290	450012	<i>Deleted - Study on Interworking Proxy between GTP based and PMIP based interfaces</i>	Rel-10	C4	FS_GTP-MIP-IV	18/09/2009	04/06/2010	100%	29.875	CP-090517	NTT DoCoMo	
291	0	Release 9 Features	Rel-9	iP,RP,SP	-	01/01/2000	01/01/2000	0%	-	-	-	
292	400035	Enhanced Home NodeB / eNodeB	Rel-9	i4,GP,C1	EHNB	05/06/2008	17/09/2010	99%	UTRA, LTI	SP-090214	T-Mobile	
306	330017	Services Alignment and Migration	Rel-9	S1	ServAI	06/12/2006	18/09/2008	100%	-	SP-070126	China Mobile	
308	370026	Value-Added Services for Short Message Service	Rel-9	S1,C4,C1	VAS4SMS	10/09/2007	04/12/2009	100%	-	SP-070572	China Mobile	
312	370027	End-User Identity	Rel-9	S1	EUI	03/09/2007	11/12/2008	100%	-	SP-090380	ia Siemens Networks	
314	380067	Customized Ringing Signal	Rel-9	S1,C1	CRS	06/12/2007	04/06/2010	100%	-	SP-080502	ecom, China Mobile	
317	380057	Public Warning System	Rel-9	i1,C4,R2	PWS	06/12/2007	04/12/2009	100%	GERA, UT	SP-070876	T-Mobile	
323	390073	Enhancements to Multimedia Priority Service	Rel-9	S1	ePRIOR	13/03/2006	05/06/2008	100%	-	SP-080051	Telcordia	
325	400031	Support of Personal Area Networks and Enhancements to Personal N	Rel-9	S1,C1	PAN_EPNM	05/06/2008	04/06/2010	100%	-	SP-080430	Vodafone	
329	400032	Multi-Media Telephony Service enhancements	Rel-9	S1,S5,C1	eMMTel	05/06/2008	25/03/2010	100%	-	SP-080503	France Telecom	
334	400034	User Data Convergence (UDC)	Rel-9	S1,S5,C4	UDC	05/06/2008	10/06/2010	100%	-	SP-080448	China Mobile	
341	410032	IMS Services Centralization and Continuity	Rel-9	S1,S2,C1	IMS_SCC	18/09/2008	19/03/2010	100%	-	SP-080633	NEC	
348	420020	Service Specific Access Control in EPS	Rel-9	S1,C1	SSAC	11/12/2008	19/03/2010	100%	-	SP-080882	NTT DoCoMo	
351	380064	Support for IMS Emergency Calls over GPRS and EPS	Rel-9	i2,R3,R5	IMS_EMER_GP	14/01/2008	18/03/2011	87%	GERA, LT	SP-080844	Alcatel-Lucent	
368	430006	LCS for LTE and EPS	Rel-9	i1,R3,R4	LCS_LTE_EPS	05/06/2008	11/03/2011	84%	LTE	not applicable	-	
375	400039	MBMS support in EPS	Rel-9	i2,R3,R4	MBMS_EPS	05/06/2008	19/03/2010	100%	LTE	SP-080737	China Mobile	
382	420024	Access Network Discovery and Selection Function enhancements	Rel-9	S2,C1	eANDSF	11/12/2008	19/03/2010	100%	22.278, SA	SP-080887	Motorola	
385	430034	Multiple PDN Connection to the Same APN for PMIP-based Interfaces	Rel-9	i2,C4,C1	MUPSAP	13/03/2009	19/03/2010	100%	-	SP-090098	Samsung	
389	33025	Access Security Enhancements	Rel-9	S3	ACCSEC2	02/07/2007	04/06/2009	100%	33.102, 43	SP-040865	Ericsson	
390	410027	Protection against Unsolicited Communication for IMS (PUCI)	Rel-9	S3,S1	PUCI	18/09/2008	10/12/2009	100%	-	SP-080482	NEC	
393	430036	IMS Media Plane Security	Rel-9	i1,C4,C3	MEDIASEC	13/03/2009	04/06/2010	100%	-	SP-090128	Vodafone	
399	440053	GBAPush enhancements (Generic push layer)	Rel-9	S3	eGBAPush	12/03/2008	25/03/2010	100%	new 33.22	SP-090282	Ericsson	
401	440054	Extended Identity Management	Rel-9	S3	GBA-IdM	04/06/2009	10/12/2009	100%	new 33.92	SP-090284	Nokia	
402	440056	Network Domain Security (NDS) enhancements to support backhaul s	Rel-9	S3,C4	NDS_Backhaul	04/06/2009	25/03/2010	100%	-	SP-090286	Vodafone	
405	440057	128 bit encryption for GSM and GPRS	Rel-9	2,G3new	A5/4-GEA4	04/06/2009	10/12/2009	100%	-	SP-090287	Ericsson	
412	420027	Timed Graphics	Rel-9	S4	TG	11/12/2008	25/03/2010	100%	26.114, 26	SP-080683	Ericsson	
413	430037	Managing MTSI Media Adaptation	Rel-9	S4	M3A	12/03/2009	25/03/2010	100%	26.114	SP-090021	Samsung	
414	440046	PSS and MBMS Aspects	Rel-9	S4	PMA	12/03/2009	25/03/2010	100%	-	SP-090261	Ericsson, Nokia	
417	430046	IMS based PSS and MBMS User Service extensions	Rel-9	S4	IMS_PSS_MBM	12/03/2009	10/12/2009	100%	26.237	SP-090225	Ericsson	
418	440051	Syndicated Feed Reception within 3GPP environments	Rel-9	S4	SFR	04/06/2009	10/12/2009	100%	26.150	SP-090260	Ericsson	
419	450048	Distortion Measurement Test Methods and Requirements	Rel-9	S4	DTMR	24/09/2009	25/03/2010	100%	26.131, 26	SP-090575	Motorola	
420	420029	OAM&P 9	Rel-9	S5	OAM9	22/02/2008	10/06/2010	100%	-	not applicable	-	
434	440068	Charging Management small Enhancements	Rel-9	S5	CH9	04/06/2009	25/03/2010	100%	-	not applicable	-	

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435	400008	CS-IBCF and CS-TrGW definition in 3GPP specifications	Rel-9	C3,C4	CS-IBCF	30/05/2008	19/03/2010	100%	-	CP-090073	Telecom Italia
438	410008	IMS – Interconnection Border Control Function (IBCF) – Transition G	Rel-9	C4,C3	IMS_IBCF	12/09/2008	04/12/2009	100%	-	CP-090019	Alcatel-Lucent
441	410009	IMS Application Level Gateway Control Function (ALGCF) – IMS Acce	Rel-9	C4	IMS_AGCF	12/09/2008	04/12/2009	100%	new 23.33-	CP-090020	Alcatel-Lucent
442	420016	Enhancements of IMS Customized Alerting Tone (CAT) Service	Rel-9	C1	eCAT	05/12/2008	04/06/2010	100%	-	CP-080796	China Mobile
444	440017	Completion of IMS Restoration Procedures	Rel-9	3, C4,C1	eIMS_RP	29/05/2009	19/03/2010	100%	-	CP-091050	Ericsson
448	440039	IMS Stage 3 - IETF Protocol Alignment	Rel-9	C1	IMSProtoc3	29/05/2009	19/03/2010	100%	23.218, 24	CP-090491	Alcatel-Lucent
449	440070	Operational description of the Inter-IMS Network to Network Interface	Rel-9	C3	II-NNI	29/05/2009	04/06/2010	100%	29.165	CP-090331	Orange
450	450005	Definition of MI interface for Control Plane LCS (Stage 3)	Rel-9	C1	EMC2	18/09/2009	19/03/2010	100%	24.229	CP-090746	Alcatel-Lucent
451	450009	PCC enhancements	Rel-9	C3	PCC-Enh	18/09/2009	04/12/2009	100%	29.212, 29	CP-090744	Huawei
452	460004	3GPP IMS Conferencing Management Object (MO)	Rel-9	C1	IMS_ConfMO	03/12/2009	04/12/2009	100%	new 24.16f	P#46 Report	-
453	470004	In Case of Emergency (ICE) Graphics	Rel-9	C6	ICE_Graphics	17/03/2010	19/03/2010	100%	31.102 CR	CP-100178	Sagem-Orga
454	410023	Rel-9 Improvements of the Radio Interface	Rel-9	RP,GP	RinImp9	12/09/2008	19/03/2010	100%	GERA, UT	xt applicable	-
463	440006	Rel-9 Improvements of the Radio Interface - UE Conformance Testing	Rel-9	R5	RinImp-UECon	19/05/2009	17/09/2010	92%	UTRA, LTI	xt applicable	-
468	450018	Conformance Test Aspects – SMS over IMS in E-UTRAN	Rel-9	R5	SMSoverIMS_U	18/09/2009	19/03/2010	100%	LTE 34.22f	RP-090959	Alcatel-Lucent
469	430013	Rel-9 RAN improvements	Rel-9	RP	RANimp	06/03/2009	19/03/2010	100%	UTRA	xt applicable	-
475	420007	LTE improvements	Rel-9	RP	LTEimp	06/03/2009	19/03/2010	100%	LTE	xt applicable	-
478	450049	System aspects of vocoder rate adaptation for LTE	Rel-9	S2,S4,R2	LTEimp-Vocod	30/05/2009	10/12/2009	100%	LTE	SP-090653	Qualcomm
482	420011	Self-Organizing Networks (SON)	Rel-9	R3,R2	SON	06/03/2009	19/03/2010	100%	LTE 25.41f	RP-090162	ia Siemens Networks
483	38002	A-GNSS Performances and Testing Procedures	Rel-9	GP	AGNSSPTP	16/05/2008	12/11/2010	65%	-	GP-092342	Thales
486	420002	Voice services over Adaptive Multi-user channels on One Slot	Rel-9	GP	VAMOS	21/11/2008	03/09/2010	88%	-	GP-081949	works, China Mobile
490	440002	Cell Broadcast protocol Base Station Controller – Cell Broadcast Cen	Rel-9	GP,C1	CEBRO	15/05/2009	19/03/2010	100%	-	GP-091022	Ericsson
493	440003	Hybrid Location	Rel-9	GP	HILT	18/05/2009	20/11/2009	100%	43.059, 48	GP-091075	TruePosition
494	420099	(Small) Technical Enhancements and Improvements for Rel-9	Rel-9	All	TEI9	15/09/2008	10/12/2009	100%	-	tot applicable	-
495	460002	Test - (Small) Technical Enhancements and Improvements for Rel-9	Rel-9	5,G3new	TEI9_Test	20/11/2009	24/12/2010	20%	-	tot applicable	-
496	380071	<i>Deleted - Harmonization of Gq/Rx for Common IMS</i>	Rel-9	S2	IMS_Comm_Gq	14/01/2008	12/03/2009	100%	23.822, 23	SP-070822	Alcatel-Lucent
497	380081	<i>Deleted - Support of WiMAX - LTE Mobility</i>	Rel-9	R2	WiMAX_LTE_M	06/06/2008	25/12/2009	100%	36.306, 36	RP-070511	Samsung
498	380082	<i>Deleted - Support of WiMAX - UMTS Mobility</i>	Rel-9	R2	WiMAX_UMTS_	06/06/2008	25/12/2009	100%	25.306, 25	RP-070511	Intel
499	380086	<i>Deleted - Definition of 3GPP UICC services over the new high-speed interface</i>	Rel-9	C6	UICCCHS	19/03/2010	19/03/2010	100%	31.xyz	CP-070837	Gemalto
500	390040	<i>Deleted - SAES Enhancements (non RAN aspects)</i>	Rel-9	S2	SAES_Ph2	25/06/2007	08/12/2008	100%	-	-	ia Siemens Networks
505	440071	<i>Deleted - Lawful Interception in the 3GPP Rel-9</i>	Rel-9	S3	LI9	04/06/2009	25/03/2010	100%	33.106, 33	SP-090831	PIDS, Nortel
506	0	Release 9 Studies	Rel-9	P,RP,SP	-	01/01/2000	01/01/2000	0%	-	-	-
507	400036	Study on Service Specific Access Control in EPS	Rel-9	S1	FS_SSAC	05/06/2008	11/12/2008	100%	22.986	SP-080319	NTT DoCoMo
508	350052	Study on CS Domain Services over EPS access	Rel-9	S2	FS_CSoPS	25/04/2007	12/03/2009	100%	23.879	SP-080800	T-Mobile
509	370043	Study on Extended Support of IMS Emergency Calls	Rel-9	S2	FS_IMS-eCall	24/09/2007	11/12/2008	100%	23.868	SP-070547	Qualcomm
510	320031	Study on Service Continuity for Emergency Voice Calls	Rel-9	S2	FS_VCCEm	08/06/2006	12/03/2009	100%	23.826	SP-080555	Nortel
511	370053	Study on Security Aspects of Remote Provisioning and Change of Su	Rel-9	S3,C6	FS_UM2M	06/04/2004	10/12/2009	100%	33.812	SP-070702	Ericsson
512	360006	Study on System Maintenance over ltf-N	Rel-9	S5	FS_OAM-Maint-	07/06/2007	24/09/2009	100%	32.822	SP-070306	ZTE
513	360007	Study on Self-Organizing Networks (SON) related OAM interfaces for	Rel-9	S5	FS_OAM-SON-I	07/06/2007	04/06/2009	100%	32.821	SP-080461	Huawei
514	390017	Study on Self-healing of Self-Organizing Networks (SON)	Rel-9	S5	FS_OAM-SON-I	22/02/2008	24/09/2009	100%	32.823	SP-080076	ZTE
515	400029	Study on Service Oriented Architecture (SOA) for IRP	Rel-9	S5	FS_OAM_SOA_	05/06/2008	04/06/2009	100%	32.824	SP-080281	Ericsson
516	380079	Study on Evaluation of the inclusion of Path Loss Based Technology	Rel-9	R4	FS_RAN-Pathlo	17/12/2007	04/12/2009	100%	25.907	RP-071050	Polaris Wireless
517	390031	Study on LTE-Advanced	Rel-9	2,R3,R4	FS_RAN_LTEA	23/03/2007	19/03/2010	100%	36.913 , ne	RP-091360	NTT DoCoMo
518	410016	Study on 1.28 Mcps TDD Home NodeB	Rel-9	R4	FS_RAN-HNBL	20/02/2008	04/12/2009	100%	25.866	RP-080767	TD Tech

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519	420012	Study on E-UTRAN Mobility Evaluation and Enhancement	Rel-9	R1	FS_EUTRAN_rr	05/12/2008	29/05/2009	100%	-	RP-081137	Qualcomm
520	430021	Study on Minimization of drive-tests in Next Generation Networks	Rel-9	R2	FS_NGN_min_c	06/03/2009	04/12/2009	100%	36.805	RP-090341	Qualcomm
521	430027	Study on Enhanced Interference Management for HNBs	Rel-9	R4	FS_eInterfMgmt	06/03/2009	29/05/2009	100%	25.967	RP-090361	Qualcomm
522	440015	Study on Enhanced Interference Management Mechanisms for HNBs	Rel-9	R3	FS_eInterfMgmt	30/05/2009	18/09/2009	100%	25.967	RP-090667	Qualcomm
523	320026	<i>Deleted - Study on Protection against SMS and MMS spam</i>	Rel-9	S3	FS_CPSMal	08/06/2006	24/09/2009	100%	33.9xx	SP-060446	Orange
524	0	Release 8 Features	Rel-8	iP,RP,SP	-	03/01/2000	03/01/2000	0%	-	-	-
525	320005	3GPP System Architecture Evolution Specification - Evolved Packet S	Rel-8	SP,CP	SAES	12/04/2006	17/09/2010	99%	-	SP-080132	T-Mobile
614	450022	Conformance Test Aspects – Mobility management based on DSMIPv	Rel-8	R5	DSMIPv6_UEC	18/09/2009	17/09/2010	85%	36.508, 36	RP-090754	Qualcomm
615	370025	IMS Centralized Service Control (ICSRA)	Rel-8	1,C3,C4	ICSRA	03/09/2007	06/03/2009	100%	-	SP-070924	AT&T
623	370059	IMS Multimedia Telephony and Supplementary Services	Rel-8	1,C3,C4	IMSTSS	02/05/2007	12/03/2009	100%	-	yt applicable	-
643	390035	3GPP2 Input to Common IMS	Rel-8	1,C3,C4	CIMS_3GPP2	07/03/2008	11/12/2008	100%	-	SP-080220	Nortel
650	350005	IMS Enhancements for support of Packet Cable access	Rel-8	1,C3,C4	PktCbl	06/12/2006	30/05/2008	100%	-	yt applicable	Cablelabs
662	360012	IMS System enhancements for corporate network access	Rel-8	1,C1,C4	IMS_Corp	22/06/2007	19/03/2010	100%	-	SP-080095	Orange
667	380069	Maintenance of TISPAN documentation	Rel-8	1,C3,C4	MAINTISP	02/07/2007	05/06/2008	100%	-	yt applicable	-
673	390056	IMS Service Continuity	Rel-8	S2,S1,C1	IMS-Cont	12/03/2008	29/05/2009	100%	-	SP-080092	LG Electronics
677	370078	Security Enhancements for IMS	Rel-8	S3,C1,C4	IMS-Sec	19/09/2006	06/03/2009	100%	-	SP-070496	Ericsson
683	34046	IMS initiated and controlled PSS and MBMS User Service	Rel-8	S4,S3	IMS_PSS_MBM	12/03/2008	12/03/2009	100%	26.237, 26	SP-080201	FT, Ericsson
684	713024	Multimedia interworking between IMS and CS networks	Rel-8	C3,C4	MIW-IMS	23/09/2005	05/12/2008	100%	-	CP-070729	Vodafone
689	360029	IMS Stage 3 IETF Protocol Alignment	Rel-8	C1	IMSProtoc2	22/06/2007	06/03/2009	100%	23.218, 24	CP-080794	Alcatel-Lucent
690	380014	Interworking between User-to-User Signalling (UUS) and SIP	Rel-8	C1,C3	UUSIW	30/11/2007	12/03/2009	100%	-	CP-070782	Huawei
693	380018	Support of Overlap signalling	Rel-8	3,C1,C4	Overlap	30/11/2007	06/03/2009	100%	-	CP-070731	Deutsche Telekom
697	380035	AS/MRFC Stage 2 and 3	Rel-8	C1	MRFC_TS	14/11/2007	05/12/2008	100%	23.218, 24	CP-070784	HP
698	400012	IMS Restoration Procedures	Rel-8	C4,C1	IMS_RP	30/05/2008	06/03/2009	100%	-	CP-080447	Ericsson
701	410003	IMS Application Server Service Data Descriptions for AS interoperabi	Rel-8	C4	IMS_ASIO	12/09/2008	06/03/2009	100%	29.328, 29	CP-080451	Alcatel-Lucent
702	340030	I-WLAN Network Selection Principle (NSP)	Rel-8	1,C1,C6	IWLANNSP	14/06/2007	06/03/2009	100%	-	SP-060932	Telefonica O2
706	370049	Mobility between 3GPP-WLAN Interworking and 3GPP Systems	Rel-8	S2,C1	IWLAN_Mob	14/09/2007	06/03/2009	100%	-	SP-070701	Orange
709	460006	Conformance Test Aspects – Mobility between 3GPP WLAN Interworl	Rel-8	R5	IWLAN_Mob_UI	04/12/2009	17/09/2010	75%	34.108, 34	RP-091349	Qualcomm
710	7042	Enhancements for VGCS Applications (EVA)	Rel-8	1,C4,G2	EVA	15/03/2006	18/09/2009	100%	-	SP-070904	Nortel
716	31081	Personal Network Management	Rel-8	1,C1,S3	PNM	11/07/2005	06/03/2009	100%	-	SP-080327	Vodafone
724	330005	eCall Data Transfer	Rel-8	S1,C1	EData	28/09/2006	06/03/2009	100%	-	SP-060678	Airbiquity
727	34042	eCall data transfer Phase 2: Comparison of alternative in-band moder	Rel-8	S4	eCall_Phase2	06/12/2007	24/09/2009	100%	26.267, 26	SP-070756	Airbiquity
728	450001	eCall Conformance Testing	Rel-8	G3new	eCall_MSTest	04/09/2009	03/09/2010	90%	51.010-1, 1	GP-091098	Ericsson, Qualcomm
729	450023	Conformance Test Aspects – non-modem procedures of eCall sessio	Rel-8	R5	UMTS_eCall_UI	18/09/2009	04/06/2010	100%	34.108, 34	RP-090952	Ericsson, Qualcomm
730	380060	IP Interconnection of Services	Rel-8	S2,S5,C3	IPinterc	16/08/2006	06/03/2009	100%	-	SP-080565	Telefonica O2
738	360025	Support of (G)MSC-S – (G)MSC-S Nc Interface based on the SIP-I pro	Rel-8	C4,C3	SIP_Nc	14/09/2007	06/03/2009	100%	-	CP-080282	Vodafone
743	370051	Earthquake and Tsunami Warning System	Rel-8	2,CP,G2	ETWS	10/09/2007	15/05/2009	100%	-	SP-070815	NTT DoCoMo
749	440011	Conformance Test Aspects – UMTS Earthquake and Tsunami Warnin	Rel-8	R5	ETWS_UMTS_L	29/05/2009	12/03/2010	100%	34.108, 34	RP-090467	NTT DoCoMo
750	380059	In Case of Emergency numbers storage and easy access on UICC	Rel-8	S1,C6	ICE	13/03/2007	06/03/2009	100%	-	SP-070944	Vodafone
753	330006	Local Charging Zone Requirements	Rel-8	S1	LCZR	28/09/2006	12/03/2008	100%	22.115	SP-060482	China Mobile
754	340029	Customized Alerting Tone (CAT) Service	Rel-8	1,C3,C4	CAT	06/12/2006	18/09/2009	100%	-	SP-070122	China Mobile
761	340031	Service-Level Interworking for Messaging Services	Rel-8	2,C3,C1	MESSIW	26/03/2007	06/03/2009	100%	-	SP-070816	Huawei
766	340044	Multimedia Priority Service	Rel-8	1,C3,C4	PRIOR	08/06/2006	18/09/2009	100%	-	SP-060780	Telcordia
771	360010	OSA Rel-8	Rel-8	S1,C5	OSA8	23/08/2007	30/05/2008	100%	-	SP-070692	Orange

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793	360032	Paging Permission with Access Control (PPACR)	Rel-8	S1,C1	PPACR	12/06/2007	05/12/2008	100%	-	SP-070501	NTT DoCoMo
796	380063	Charging for multi-phases services	Rel-8	S1	CHRGMPH	06/12/2007	12/03/2008	100%	22.115	SP-080053	Telecom Italia
798	380065	Home NodeB / eNodeB	Rel-8	S1,C1,C4	HomeNB	06/12/2007	06/03/2009	100%	-	SP-070952	Vodafone
803	390033	UTRA HNB	Rel-8	RP,S5	HNB	07/03/2008	04/06/2009	100%	-	yt applicable	-
808	430022	UTRA HNB – UE Conformance Testing	Rel-8	R5	HNB-UEConTe	06/03/2009	04/06/2010	100%	-	yt applicable	-
810	350015	Lawful Interception in the 3GPP Rel-8	Rel-8	S3	LI8	12/03/2007	12/03/2009	100%	33.106, 33	SP-070238	BMWl, Verizon
811	390046	Generic Bootstrapping Architecture Push Function	Rel-8	S3,C1,C4	GBAPush	12/03/2008	06/03/2009	100%	-	SP-080133	Ericsson
815	34045	Requirements and Test methods for Wideband Terminals	Rel-8	S4	RETEM_WB_T	12/03/2008	11/12/2008	100%	26.131, 26	SP-080004	FT, Ericsson
816	34043	Extending PSS and MBMS User Services for optimized Mobile TV	Rel-8	S4	PSS_MBMS_OI	06/12/2007	11/12/2008	100%	26.234, 26	SP-070757	Ericsson
817	400028	Encoding formats, transport formats and media description signalling	Rel-8	S3,C1,C4	MTSI_eMHI	06/12/2007	12/03/2009	100%	-	SP-080443	Ericsson, Qualcomm
822	340063	OAM&P 8	Rel-8	S5,C1	OAM8	07/06/2007	04/12/2009	100%	-	yt applicable	-
839	350016	Charging Management small Enhancements	Rel-8	S5	CH8	16/03/2006	11/12/2008	100%	-	yt applicable	-
844	380024	Conferencing enhancements for Mp interface	Rel-8	C4	eMp	30/11/2007	05/12/2008	100%	-	CP-080725	Huawei
847	320014	Contact Manager for 3GPP UICC applications	Rel-8	C6	eUPHBOOK	22/06/2006	05/12/2008	100%	-	CP-080382	Gemalto
852	400023	<i>Deleted - Contact Manager Conformance Test specifications</i>	Rel-8	C6	eUPHBOOK-Te	02/06/2008	19/03/2010	100%	-	CP-080430	Compron, Gemalto
855	20068	Rel-8 LTE – 3G Long Term Evolution - Evolved Packet System RAN part 1	Rel-8	RP,S5	LTE	25/09/2006	12/03/2009	100%	36.300, 36	RP-080747	NTT DoCoMo
870	25029	Rel-8 LTE – Terminal Conformance Test Specification	Rel-8	R5	LTE-UEConTes	01/06/2007	04/12/2009	100%	-	yt applicable	-
873	350040	Rel-8 Improvements of the Radio Interface	Rel-8	RP	RInImp8	05/03/2007	06/03/2009	100%	-	yt applicable	-
882	25125	Rel-8 Improvements of the Radio Interface - UE Conformance Testing	Rel-8	R5	RInImp-UECon	01/06/2007	05/12/2008	100%	-	yt applicable	-
885	370035	Rel-8 RAN improvements	Rel-8	RP	RANImp	04/06/2007	29/05/2009	100%	-	yt applicable	-
899	25126	Rel-8 RAN improvements - UE Conformance Testing	Rel-8	R5	RANImp-UECon	30/05/2008	17/09/2010	92%	-	yt applicable	-
911	360008	3.84 Mcps TDD MBSFN Integrated Mobile Broadcast	Rel-8	R1	MBSFN-DOB	04/06/2007	05/12/2008	100%	25.102, 25	RP-081124	Ericsson
912	440008	Conformance Test Aspects – 3.84 Mcps TDD MBSFN Integrated Mobile Broadcast	Rel-8	R5	MBSFN_IMB_U	30/05/2009	19/03/2010	100%	34.108, 34	RP-090583	IPWireless
913	50583	GERAN support for GERAN - 3G Long Term Evolution interworking	Rel-8	GP	GELTE	08/09/2006	20/02/2009	100%	24.008, 43	GP-061757	Siemens Networks
914	50586	U-TDOA Enhancement	Rel-8	GP	GUTEN	18/05/2007	16/11/2007	100%	43.059, 45	GP-070865	TruePosition
915	50587	GAN Enhancements	Rel-8	GP	GANENH	15/05/2007	04/09/2009	100%	-	GP-071484	T-Mobile
918	50591	AoIP (A-interface over IP)	Rel-8	S4,C1,C3	AoIP	03/01/2000	11/12/2008	100%	-	GP-081361	T-Mobile, Ericsson
924	51147	New multicarrier BTS class	Rel-8	G1	MCBTS	31/08/2007	29/08/2008	100%	45.005, 45	GP-071542	Alcatel-Lucent
925	38001	Support for Additional Navigation Satellite Systems (ANSS) for LCS	Rel-8	S1,G2	ANSS	16/05/2008	11/12/2008	100%	-	GP-081784	Qualcomm
929	51149	Conformance testing for the Latency Reductions feature	Rel-8	G3new	CTLATRED	22/02/2008	05/03/2010	100%	-	GP-080367	Ericsson
932	53091	MS conformance testing of changes introduced by WI "Support of Packet Switched Streaming Service (PSS) in U-TDOA"	Rel-8	G3new	PSHCT-MStest	22/02/2008	21/11/2008	100%	51.010	GP-080411	Rohde & Schwarz
933	320001	(Small) Technical Enhancements and Improvements for Rel-8	Rel-8	All	TEI8	01/01/2007	11/12/2008	100%	-	yt applicable	-
934	400025	Test - (Small) Technical Enhancements and Improvements for Rel-8	Rel-8	S5,G3new	TEI8_Test	07/03/2007	24/12/2010	80%	-	yt applicable	-
935	31067	<i>Deleted - All-IP Network</i>	Rel-8	S1	A/IPN	28/06/2004	15/03/2006	100%	-	SP-050181	NTT DoCoMo
937	340032	<i>Deleted - was Rel7 - LCS for 3GPP Interworking WLAN</i>	Rel-8	S2	LCS4_IWLAN	28/09/2007	28/09/2007	100%	23.234, 23	SP-060818	LG Electronics
938	330010	<i>Deleted - never approved- FBI Phase 2</i>	Rel-8	S2	FBI2	28/09/2007	28/09/2007	100%	-	-	Siemens Networks
939	330007	<i>Deleted -Enhancements to BS30 Bearer service for Videotelephony</i>	Rel-8	S1	BS30	15/03/2007	15/03/2007	100%	22.002, 22	SP-060484	3
940	370055	<i>Deleted - IMS Enhancements Rel-8</i>	Rel-8	S1	IMS8	03/09/2007	14/12/2007	100%	-	-	Telecom Italia
941	53092	<i>Deleted - MS conformance testing of Support of Conversational Services in A/Gb mode via the PS domain</i>	Rel-8	G3new	SCSAGBCT-MS	25/02/2008	04/09/2009	100%	51.010	GP-080330	Nokia
942	0	Release 8 Studies	Rel-8	RP,RP,SP	-	03/01/2000	03/01/2000	0%	-	-	-
943	7026	Study on Customised Alerting Tone (CAT) Requirements	Rel-8	S1	FS_CAT	07/10/2005	14/09/2006	100%	22.982	SP-060474	China Mobile
944	7027	Study on Facilitating Machine to Machine Communication in GSM and GPRS	Rel-8	S1	FS_M2M	04/11/2005	08/03/2007	100%	22.868	SP-050527	Siemens
945	31089	Study on Network Composition	Rel-8	S1	FS_NetComp	07/12/2005	12/12/2007	100%	22.980	SP-060478	Siemens Networks

ID	Jnique_IC	Name	Release	Resource Names	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	
												May
946	320024	Study on Requirements of IMS Multimedia Conferencing	Rel-8	S1	FS_IMSconf	08/06/2006	12/09/2007	100%	22.948	SP-060479	China Mobile	
947	320025	Study on support of a Public Warning System	Rel-8	S1	FS_PWS	03/09/2007	14/03/2008	100%	22.968	SP-080054	T-Mobile	
948	330016	Study on Paging Permission with Access Control	Rel-8	S1	FS_PPAC	28/09/2006	20/09/2007	100%	22.908	SP-060785	NTT DoCoMo	
949	340033	Study on Non 3GPP access NSP	Rel-8	S1	FS_N3GtoNSP	06/12/2006	05/06/2008	100%	22.912	SP-080318	Telefonica O2	
950	340034	Study on Value Added Services for Short Message Service	Rel-8	S1	FS_VAS4SMS	06/12/2006	07/12/2007	100%	22.942	SP-060786	China Mobile	
951	340035	Study on Service continuity between mobile and WLAN networks	Rel-8	S1	FS_SMLSWLAN	06/12/2006	06/12/2007	100%	22.937	SP-060936	BT	
952	370086	Study on Services Alignment and Migration	Rel-8	S1	FS_ServAI	06/12/2006	12/03/2008	100%	22.983	SP-070126	China Mobile	
953	320085	Study on 3GPP System Architecture Evolution	Rel-8	S2,S3	FS_SAE	03/12/2004	12/03/2009	100%	-	SP-070163	Vodafone	
957	320028	Study on Stage 2 aspects of IMS Service Brokering	Rel-8	S2	FS_ISB_ST2	19/06/2006	18/09/2008	100%	23.810	SP-060443	Telcordia	
958	7049	Study on IMS utilizing multicast bearer services	Rel-8	S2	FS_MLTICAST-	22/03/2006	06/12/2007	100%	23.847	SP-060148	ia Siemens Networks	
959	350017	Study on Mobility between 3GPP-WLAN Interworking and 3GPP Syste	Rel-8	S2	FS_SM3GWLAI	20/03/2007	18/09/2008	100%	23.827 with	SP-070106	Orange	
960	350051	Study on Multimedia Session Continuity	Rel-8	S2	FS_MMSC	26/04/2007	05/06/2008	100%	23.893	SP-070818	LG Electronics	
961	380034	Study on centralized IMS service control	Rel-8	S2,S1	FS_ICCS	23/10/2006	12/03/2008	100%	-	SP-070494	Ericsson	
964	380078	Study on Architecture of IMS based Customized Alerting Tone (CAT)	Rel-8	S2	FS_CAT-St2	04/12/2007	18/09/2008	100%	23.872	SP-070905	China Mobile	
965	380085	Study on Home (e)NodeB Security	Rel-8	S3	FS_HNB_Sec	20/12/2007	12/03/2009	100%	33.820	SP-070783	Huawei	
966	360015	Study on Transferring of emergency call data – in-band modem soluti	Rel-8	S4	eCALLIBMS	07/12/2006	12/12/2007	100%	26.967	SP-060935	Airbiquity	
967	35065	Study on Element Operations Systems Function (EOSF) definition	Rel-8	S5	OAM7-NIM- EO	07/06/2007	12/06/2008	100%	32.819	SP-070307	China Mobile	
968	35074	Study on SA5 MTO SI XML Harmonization	Rel-8	S5	OAM8-NIM-XML	10/05/2006	12/09/2007	100%	32.818	SP-070305	Nortel	
969	320006	Study on Common Profile Storage (CPS) Framework of User Data for	Rel-8	S5	OAM7-CPS	03/07/2006	07/06/2007	100%	32.808	SP-060263	T-Mobile	
970	340036	Study on Management for LTE and SAE	Rel-8	S5	FS_OAM_LTE_	07/12/2006	11/12/2008	100%	32.816	SP-060753	Ericsson	
971	350004	Study on Charging Aspects of 3GPP System Evolution	Rel-8	S5	FS_SAEcharg	02/04/2007	06/12/2007	100%	32.820	SP-070174	ia Siemens Networks	
972	7048	Study on AS-MRFC media server control protocol	Rel-8	C1	MRFC	22/03/2006	13/06/2008	100%	24.880	CP-060180	HP	
973	350018	Study on IMS Restoration Procedures	Rel-8	C4	FS_IMS_RP	26/03/2007	30/05/2008	100%	23.820	CP-070031	Ericsson	
974	360030	Study on IMS Application Server Service Data Descriptions for AS int	Rel-8	C4	FS_IMS_ASIO	14/09/2007	12/09/2008	100%	29.864	CP-070685	Alcatel-Lucent	
975	360031	Study on Customized Alerting Tone (CAT) solution for voice and vide	Rel-8	C4	FS_CAT_VVC_I	14/09/2007	12/09/2008	100%	29.882	CP-070518	China Mobile	
976	380023	Study on InterWorking Function between MAP based and Diameter b	Rel-8	C4	FS_MAP2Diam	30/11/2007	05/12/2008	100%	29.805	CP-070760	Huawei	
977	370041	Study on Scope of future HSPA Evolution for 1.28 Mcps TDD	Rel-8	R1	FS_RAN-LCRTI	14/09/2007	30/05/2008	100%	25.824	RP-070748	RITT	
978	370042	Study on Synchronized E-DCH for UTRA FDD	Rel-8	R1	FS_RAN-Uplink	14/09/2007	07/03/2008	100%	25.823	RP-070678	ia Siemens Networks	
979	360016	Study on Improved network controlled mobility between LTE and 3GF	Rel-8	R4	FS_RAN-LTE m	04/06/2007	03/12/2007	100%	36.938	RP-070511	Motorola	
980	350039	Study on 3G Home NodeB/eNodeB	Rel-8	R4	FS_RAN-HNBel	05/03/2007	30/05/2008	100%	25.820	RP-070257	Motorola	
981	380080	Study on HS-PDSCH serving cell change enhancements	Rel-8	R4	FS_RAN-HSPD	17/12/2007	07/03/2008	100%	none	RP-071044	Qualcomm	
982	390032	Study on Dual-Cell HSDPA operation	Rel-8	R1	FS_RAN-DCHS	15/08/2007	06/03/2009	100%	withdrawn	RP-080228	Qualcomm	
983	50589	Study on A-interface over IP	Rel-8	GP	AIN TIP	31/08/2007	22/02/2008	100%	43.903	GP-071562	hina Mobile, Ericsson	
984	50590	Study on Multi-User Reusing-One-Slot	Rel-8	GP	MUROS	16/11/2007	12/11/2010	98%	45.914	GP-072033	ia Siemens Networks	
985	51148	Study on Optimized Transmit Pulse Shape for Downlink EGPRS2-B	Rel-8	G1	WIDER	16/11/2007	21/05/2010	100%	45.913	GP-072026	ia Siemens Networks	
986	370044	<i>Deleted - equals 340035 -FS on Service continuity between mobile and WLAN networks</i>	Rel-8	S1	FS_SCMobToW	03/09/2007	14/12/2007	100%	22.937	SP-070557	BT	
987	380068	<i>Deleted - Study on Evaluation of LCS Control Plane Solution for EPS</i>	Rel-8	S2	FS_LCS_EPS	14/01/2008	30/05/2008	100%	23.891	SP-070819	SIRF	
988	0	Release 7 Features	Rel-7	iP,RP,SP	-	03/01/2000	03/01/2000	0%	-	-	-	
989	732097	Identification of Communication Services in IMS	Rel-7	S1,C1,S5	ServID	02/05/2005	14/09/2007	100%	-	SP-060293	Ericsson	
994	32116	Supporting Globally Routable User Agent URIs in IMS	Rel-7	S2,S1,C1	GRUU	14/11/2005	15/06/2007	100%	-	SP-050633	RIM	
998	7038	Multimedia Telephony Service for IMS	Rel-7	S1,C1,S4	MTSI	01/02/2006	15/06/2007	100%	-	SP-060224	Ericsson	
1003	350147	Multimedia Telephony Service for IMS (MTSI) - UE Conformance Testi	Rel-7	R5	MTSI-UEConTe	19/09/2007	12/03/2009	100%	34.123-1, 3	RP-080605	Ericsson, Motorola	
1004	377001	TISPAN requirements for Multimedia Telephony with PSTN/ISDN simu	Rel-7	S1	TMMTEL7	18/09/2007	06/12/2007	100%	22.273 (EI	SP-070568	-	

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1005	387001	Maintenance of TISPAN release 1 common IMS	Rel-7	S2	MCIMSTR1	18/09/2007	06/12/2007	100%	http://www	SP-070915	Ericsson
1008	32045	PS domain and IMS impacts for supporting IMS Emergency calls	Rel-7	S2,S1	EMC1	18/09/2000	15/06/2007	100%	-	SP-050604	Siemens
1020	11065	IMS Support of Conferencing	Rel-7	C1	IMSconf	04/11/2005	15/03/2007	100%	24.147, 24	CP-070120	Alcatel-Lucent
1021	34033	Performance Characterization of VoIMS over HSDPA/EUL channels	Rel-7	S4	VoIMS-PCVoIM	15/03/2005	06/12/2007	100%	26.935	SP-050089	Alcatel-Lucent
1022	31062	WLAN-UMTS Interworking Phase 2	Rel-7	S1	WLAN2	05/01/2004	07/06/2005	100%	33.234 (SF)	SP-030712	Telenor
1025	32110	WLAN Interworking – Private Network access from WLAN 3GPP IP Ac	Rel-7	S1,C3,C4	WLANPNA	10/10/2005	26/09/2006	100%	-	SP-050489	NEC
1031	32092	Enhancements to support QoS provisioning over 3GPP/WLAN Interw	Rel-7	S2,C4,C1	WLANQOS	14/03/2005	09/03/2007	100%	-	SP-050682	Samsung
1036	32079	Location Services enhancements	Rel-7	S1P,C4,R2	LCS3	28/06/2004	17/12/2007	100%	-	SP-040682	-
1048	31084	MBMS Enhancements	Rel-7	S1	MBMSE	11/07/2005	30/11/2007	100%	-	SP-050389	China Mobile
1054	400058	MBMS - UE Conformance Testing	Rel-7	R5	MBMSE_UECo	01/06/2007	04/12/2009	100%	-	Not applicable	-
1058	34038	MBMS User Service Extensions	Rel-7	S4	MBMSUSE	07/12/2005	07/06/2007	100%	26.346, 26	SP-050838	Ericsson
1059	31051	Advanced Global Navigation Satellite System (A-GNSS) concept	Rel-7	S1,GP,R2	LCS3-AGNSS	28/06/2004	31/08/2007	100%	-	SP-040681	Alcatel
1063	50581	A-GPS Minimum Performance	Rel-7	GP	GAGR	28/04/2006	31/08/2007	100%	45.005, 51	GP-060834	Sprint
1064	31048	USSD message delivery and transfer to USIM	Rel-7	S1,C6	USSD-USIM	05/03/2004	12/08/2005	100%	-	SP-040104	Axalto
1067	31063	Combinational Services	Rel-7	S2,C1,S4	CSICS	17/01/2005	06/03/2006	100%	-	SP-050228	TeliaSonera
1072	31065	CAMEL Trunk Triggers	Rel-7	S1,C4	TTCAMEL	17/12/2004	05/12/2005	100%	-	SP-040743	Nortel
1075	31088	IMS Service Brokering enhancements	Rel-7	S1	ISB	07/12/2005	13/03/2006	100%	22.228	SP-050830	Telcordia
1077	11045	Enhancements of VGCS for public authority officials	Rel-7	S1,C4,G2	EVGCS	27/08/2004	15/06/2007	100%	43.068, 44	-	-
1083	11055	Improvements of VGCS for parallel use of services	Rel-7	S1	IVGCS	15/03/2005	15/03/2007	100%	-	SP-070167	-
1089	31071	OSA Rel-7	Rel-7	S1,C5	OSA7	15/03/2005	08/06/2007	100%	-	SP-050183	AePONA
1101	31053	Selective Disabling of UE Capabilities	Rel-7	S1,S2,C1	SDoUE	24/01/2005	15/06/2007	100%	-	SP-050182	Motorola
1105	7041	Network selection enhancements (NSP)	Rel-7	S1	NSP-CR	15/03/2006	15/06/2007	100%	22.101, 22	SP-060220	O2
1108	25048	Network Selection enhancements (NSP) - UE Conformance Testing	Rel-7	R5	NSP-CR_UECo	01/06/2007	05/12/2008	100%	34.108, 34	RP-080135	Nokia
1109	32064	Access Class Barring and Overload Protection	Rel-7	S2,C1	ACBOP	15/03/2004	08/09/2006	100%	23.898	SP-040338	Vodafone
1115	32074	System enhancements for fixed broadband access to IMS	Rel-7	S1,C3,C4	FBI	05/11/2003	14/03/2007	100%	-	-	-
1127	32081	Support of SMS over generic 3GPP IP access	Rel-7	S2,C4,C1	SMSIP	14/10/2004	14/06/2007	100%	-	SP-060658	Huawei
1133	32082	Evolution of Policy Control and Charging	Rel-7	S5,C3,C1	PCC	14/10/2004	30/11/2007	100%	-	SP-060217	Nokia
1142	32091	Voice call continuity between CS and IMS (incl. I-WLAN)	Rel-7	S5,C1,C4	VCC	31/12/2004	15/06/2007	100%	-	SP-060292	Alcatel-Lucent
1151	7046	One Tunnel solution for optimization of Packet Data Traffic	Rel-7	S2	OPTUNEL	27/03/2006	31/10/2007	100%	-	SP-060819	Nokia
1155	320029	CSI Terminating Session handling	Rel-7	S2,C1	CStermS	08/06/2006	15/06/2007	100%	-	SP-060437	Samsung
1159	33022	Liberty Alliance and 3GPP Security Interworking	Rel-7	S3	LibSec	10/03/2005	30/11/2006	100%	33.980	SP-050145	Nokia
1160	33023	Trust Requirements for Open Platforms in 3GPP	Rel-7	S3	TrustOP	03/01/2005	30/11/2006	100%	33.905	SP-040863	Nokia
1161	33024	Development of UEA2 and UIA2	Rel-7	S3	AlgUEA2	01/12/2004	09/12/2005	100%	35.919, 35	SP-040864	TeliaSonera
1162	33026	Lawful Interception in the 3GPP Rel-7 architecture	Rel-7	S3	LI-7A	28/06/2005	08/12/2005	100%	33.106, 33	SP-050237	BMW
1163	33028	Key establishment between a UICC and a terminal	Rel-7	S3	KeyEstUTerm	07/12/2005	28/09/2006	100%	33.110	SP-050780	Gemalto
1164	330008	NDS Authentication Framework Extension for Transport Layer Security	Rel-7	S3	NDSAF TLS	28/09/2006	06/12/2006	100%	33.310	SP-060507	Nokia
1165	732030	Security enhancements	Rel-7	S3,C1,C4	SEC7	12/09/2005	30/11/2006	100%	-	-	-
1172	711052	IMS Stage 3 IETF Protocol alignment	Rel-7	C1	IMSProtoc	10/12/2004	14/03/2007	100%	24.930	CP-060101	-
1173	7043	Interoperability between VGCS/VBS and A/Gb flexibility	Rel-7	C1,C4	VGCSFlex	22/03/2006	09/03/2007	100%	-	CP-060102	Siemens
1176	13023	DIAMETER on the GGSN Gi interface	Rel-7	C3	DIAMGi	10/09/2004	08/12/2006	100%	29.061	CP-060431	Vodafone
1177	13022	DIAMETER on the PDG Wi interface	Rel-7	C3	DIAMWi	10/09/2004	08/12/2006	100%	29.161	CP-060432	Vodafone
1178	13033	Interworking between the 3GPP CS domain with BICC or ISUP as signature	Rel-7	C3	ExtSIPI	22/09/2006	22/07/2008	100%	29.164	CP-070101	Siemens
1179	340047	PDU multiplexing at Nb Interface with IP transport	Rel-7	C3	NbIPMux	04/12/2006	22/07/2008	100%	29.414	CP-070105	Alcatel-Lucent

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1180	14012	Mp (MRFC - MRFP) interface	Rel-7	C4,C1	Mp	13/02/2006	08/06/2007	100%	-	CP-070246	Ericsson
1185	340016	Routing of MT-SMS via the HPLMN	Rel-7	C4,C1	SMSviaH	01/12/2006	09/03/2007	100%	23.040, 29	CP-070032	Vodafone
1186	350003	Mobile Termination whilst the MS is moving to another MSC	Rel-7	C4	MTmovMS	09/03/2007	31/05/2007	100%	23.008, 23	CP-070334	Alcatel-Lucent
1187	743009	ISIM API for Java Card	Rel-7	C6	APIJAVA	14/03/2005	27/07/2007	100%	31.103, 10	CP-050145	Sun
1188	440042	Rel-7 (U)SIM API Testing (TS 31.213)	Rel-7	C6	USIM_API_test	30/05/2009	19/03/2010	100%	31.213	CP-090450	Sagem Orga
1189	330001	High speed interface between the UICC and the ME	Rel-7	C6	HSI	22/09/2006	30/11/2007	100%	31.101	CP-070259	Gemalto
1190	34030	Video Codec Performance Requirements	Rel-7	S4	VICPer	03/01/2005	07/06/2007	100%	26.234, 26	SP-040836	Siemens
1191	34032	Dynamic and Interactive Multimedia Scenes	Rel-7	S4	DIMS	15/03/2005	07/06/2007	100%	26.140, 26	SP-050195	Streamezzo
1192	34034	3G-324M Video Telephony Call Setup Times Improvements	Rel-7	S4	VTCSTI	08/06/2005	27/09/2006	100%	26.911	SP-050404	Vodafone
1193	34035	Optimizations for Multimedia Telephony over IMS	Rel-7	S4	OMTIMS	28/09/2005	28/09/2005	100%	26.235, 26	SP-060226	Ericsson
1195	34036	End-to-End Multimedia Services Performance Metrics	Rel-7	S4	E2EMSPM	28/09/2005	15/03/2007	100%	26.944	SP-050433	China Mobile
1196	34039	Packet Switched Streaming Enhancements	Rel-7	S4	PSSe	08/06/2006	07/06/2007	100%	26.234, 26	SP-060361	Ericsson
1197	35041	OAM&P Rel-7	Rel-7	S5	OAM7	02/09/2005	26/06/2007	100%	-	TR 30.817	Huawei
1225	320007	Charging Management small Enhancements Rel-7	Rel-7	S5	CH7	22/05/2006	14/06/2007	100%	-	-	Orange
1228	2468	Multiple-Input Multiple-Output (MIMO) antennas	Rel-7	R1	MIMO	14/03/2003	17/09/2007	100%	25.876, 25	RP-030192	Alcatel-Lucent
1233	20028	Rel-7 Improvements of the Radio Interface	Rel-7	RP	RinImp	15/09/2004	04/06/2007	100%	-	-	-
1248	25025	Rel-7 Improvements of the Radio Interface - UE Conformance Testing	Rel-7	R5	RinImp-UECon	11/11/2005	12/09/2008	100%	-	yt applicable	-
1257	20029	Rel-7 RAN improvements	Rel-7	RP	RANimp	15/12/2004	15/06/2007	100%	-	-	-
1271	25026	Rel-7 RAN improvements - UE Conformance Testing	Rel-7	R5	RANimp-UECo	20/09/2006	18/09/2009	100%	-	yt applicable	-
1278	20014	7.68 Mcps TDD option	Rel-7	RP	VHCRD	15/09/2004	15/06/2006	100%	-	RP-060119	IPwireless
1284	20035	3.84 Mcps TDD Enhanced Uplink	Rel-7	RP	EDCHTDD	15/03/2005	15/09/2006	100%	-	RP-050100	IPwireless
1290	20055	1.28 Mcps TDD Enhanced Uplink	Rel-7	RP	LCRTDD-EDCH	15/03/2006	15/06/2007	100%	-	RP-060202	CATT
1295	350146	1.28 Mcps TDD Enhanced Uplink - UE Conformance Testing	Rel-7	R5	LCRTDD-EDCH	20/09/2007	12/09/2008	100%	34.108, 34	RP-070724	CATT
1296	50118	MS Antenna Performance Evaluation Method and Requirements	Rel-7	GP	APEMR	28/01/2005	16/11/2007	100%	25.914, 25	GP-050284	TeliaSonera
1297	50119	Lower 700 MHz Inclusion in the GERAN Specifications	Rel-7	GP	GSM710	03/01/2005	30/06/2006	100%	24.008, 43	GP-050543	UTC
1301	50564	Support of Conversational Services in A/Gb mode via the PS domain	Rel-7	GP	SCSAGB	08/04/2005	31/08/2007	100%	-	GP-061501	Ericsson
1307	50565	Addition of new frequency band to GSM (T-GSM810)	Rel-7	GP	TGSM810	08/04/2005	31/08/2007	100%	45.005, 45	GP-050945	Huawei
1311	50567	Handover of dedicated and shared resources while in Dual Transfer M	Rel-7	GP	HODSRDTM	08/04/2005	17/11/2006	100%	-	GP-050979	Nokia
1315	50569	Mobile Station Receive Diversity (DARP Phase II)	Rel-7	GP	MSRD2	11/11/2005	16/11/2007	100%	24.008, 45	GP-061491	Nokia
1320	50579	Downlink Dual Carrier	Rel-7	GP	GDCDL	20/01/2006	31/08/2007	100%	-	GP-061331	Siemens Networks
1323	59579	Downlink Dual Carrier – MS Conformance Test	Rel-7	G3new	GDCDL-Stage3	20/01/2006	04/09/2009	100%	51.010	GP-060486	Siemens Networks
1325	50580	Support of SIGTRAN in GERAN	Rel-7	G3new	GDCDL-MStest	20/01/2006	30/06/2006	100%	48.001, 48	GP-060450	Ericsson
1326	50582	Latency Reductions	Rel-7	GP	LATRED	30/06/2006	31/08/2007	100%	45.001, 45	GP-061519	Ericsson
1329	52147	PS Handover between GERAN/UTRAN mode and GAN Mode	Rel-7	G2	GUGAN	30/06/2006	16/02/2007	100%	43.318, 44	GP-061349	Ericsson
1330	50584	Higher Uplink performance for GERAN Evolution	Rel-7	GP	HUGE	08/09/2006	29/08/2008	100%	-	GP-071083	Networks, Ericsson
1335	59584	HUGE Conformance Testing	Rel-7	1,G3new	HUGE	08/09/2006	04/03/2011	46%	-	yt applicable	Networks, Ericsson
1338	50121	REduced symbol Duration, Higher Order modulation and Turbo codin	Rel-7	GP	REDHOT	17/11/2006	16/05/2008	100%	-	GP-071080	s Networks, Marvell
1341	59121	REDHOT Conformance Testing	Rel-7	1,G3new	REDHOT	17/11/2006	12/11/2010	72%	-	yt applicable	s Networks, Marvell
1344	60110	(Small) Technical Enhancements and Improvements for Rel-7	Rel-7	All	TEI7	26/03/2007	26/03/2007	100%	CP-07026	not applicable	-
1345	480001	Test - (Small) Technical Enhancements and Improvements for Rel-7	Rel-7	R5	TEI7_Test	26/05/2010	04/06/2010	100%	-	not applicable	ed for submitted CRs
1346	32113	<i>Deleted - PS domain and IMS support for IMS Emergency sessions</i>	Rel-7	S2	IMS-EMER	23/06/2006	21/09/2006	100%	23.867, 23	SP-050604	Nokia
1349	31077	<i>Deleted - Covered by SI - Personal Network (PN) and Personal Area Network (PAN)</i>	Rel-7	S1	PNPAN	08/12/2005	20/12/2005	100%	-	SP-050386	Vodafone
1350	31078	<i>Deleted - Covered by SI - Multimedia Telephony Capabilities for IMS</i>	Rel-7	S1	MITE	08/12/2005	20/12/2005	100%	-	SP-050387	Ericsson

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ID	Jnique_IC	Name	Release	Resource Names	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name
1351	31079	<i>Deleted - Covered by SI - Transferring of emergency Call data</i>	Rel-7	S1	eCALL	08/12/2005	08/12/2005	100%	-	SP-050388	Motorola
1352	31080	<i>Deleted - Covered by SI - MBMS Enhancements</i>	Rel-7	S1	MBMSE	08/12/2005	08/12/2005	100%	-	SP-050389	China Mobile
1353	32099	<i>Deleted - VoIMS bearer related enhancements</i>	Rel-7	S2	VoIMS	21/07/2006	21/07/2006	100%	-	-	-
1355	0	Release 7 Studies	Rel-7	iP,RP,SP	-	03/01/2000	03/01/2000	0%	-	-	-
1356	31082	Study on Multimedia Telephony Capabilities for IMS	Rel-7	S1	MITE	11/07/2005	31/07/2006	100%	22.973	SP-050387	Ericsson
1358	31050	Study on Behaviour of Multi system UEs	Rel-7	S1	BMSU	28/06/2004	15/12/2005	100%	22.936	SP-050502	Qualcomm
1359	31055	Study on Combining CS calls and IMS sessions	Rel-7	S1	IRTSD-CS_IMS	28/06/2004	17/03/2005	100%	22.979	SP-040467	-
1360	31059	Study on All-IP Network	Rel-7	S1	FS_AIPN	28/06/2004	16/03/2005	100%	22.978	SP-040303	NTT DoCoMo
1361	31075	Study on Videotelephony teleservice	Rel-7	S1	VidTel	01/03/2005	17/01/2006	100%	22.903	SP-050506	T-Mobile
1362	31073	Study on Network Selection Principles	Rel-7	S1	NetSel	15/03/2005	08/12/2005	100%	22.811	SP-050227	O2
1363	31041	Study on Multimedia Priority Service	Rel-7	S1	PRIOR-MM	28/03/2003	30/06/2006	100%	22.953	SP-060329	Telcordia
1364	31083	Study on Transferring of emergency Call data	Rel-7	S1	eCALL	11/07/2005	31/03/2006	100%	22.967	SP-050388	Motorola
1365	32073	Study on Enhancement of E2E QoS	Rel-7	S2	QoS7	28/06/2004	15/09/2005	100%	23.802	SP-040326	Huawei
1366	7034	Study on Bandwidth Saving at Nb Interface with IP transport	Rel-7	C3	BSNblP	10/03/2006	09/03/2007	100%	29.814	CP-060438	Siemens
1367	14019	Study on Routeing of MT-SMS via the HPLMN	Rel-7	C4	SMS7	07/10/2005	01/12/2006	100%	23.840	CP-060701	Vodafone
1368	7025	Study on the TCAPsec Gateway concept	Rel-7	C4	SEC7-TCAP	28/10/2005	10/03/2006	100%	29.800	CP-050687	Siemens
1369	7050	Study on using M2PA in 3GPP network	Rel-7	C4	FS-M2PA	22/03/2006	08/06/2007	100%	29.801	CP-060698	China Mobile
1370	320018	Study on Support of (G)MSC-S - (G)MSC-S Nc Interface based on the	Rel-7	C4	NcSIP	15/05/2006	14/09/2007	100%	29.802	CP-070034	Vodafone
1373	35066	Study on SOAP/HTTP IRP Solution Sets	Rel-7	S5	OAM7-NIM-XML	02/09/2005	07/12/2006	100%	32.809	SP-050610	Nortel
1374	35067	Study on Irf-N Implementation Conformance Statement (ICS) templat	Rel-7	S5	OAM7-NIM-ICS	02/09/2005	15/03/2007	100%	32.812	SP-050609	China Mobile
1375	35068	Study on IRP Information Model	Rel-7	S5	OAM7-NIM-IM	02/09/2005	15/03/2007	100%	32.810	SP-050611	Motorola
1376	20023	Study on Evolved UTRA and UTRAN	Rel-7	RP	RANFS-Evo	15/12/2004	15/09/2006	100%	25.912	RP-040461	NTT DoCoMo
1377	20034	Study on Performance Evaluation of the UE behaviour in high speed	Rel-7	R4	RANFS-HSTrair	15/03/2005	15/06/2006	100%	none	RP-050146	Vodafone
1378	20041	Study on UTRA Tower Mounted Amplifier (FDD)	Rel-7	R4	RANFS-TMA	15/06/2005	14/03/2006	100%	25.818	Items_History	Ericsson
1379	20044	Study on Continuous connectivity for packet data users	Rel-7	R1	RANFS-cont-pa	15/03/2005	14/09/2005	100%	none	RP-050391	Siemens
1380	20051	Study on Improvement of the Multimedia Broadcast Multicast Service	Rel-7	R2	RANFS-MBMSli	15/12/2005	15/12/2006	100%	25.905	RP-050746	LG Electronics
1381	20052	Study on Performance Improvements in Small Cells using HSDPA/ED	Rel-7	R4	SMALLCELLS	15/12/2005	15/06/2006	100%	none	RP-050782	Cingular
1382	20053	Study on Further Improved Performance Requirements for UMTS/HSI	Rel-7	R4	RANFS-IC	15/12/2005	04/06/2007	100%	25.963	RP-050880	Cingular
1383	20065	Study on Scope of future FDD HSPA Evolution	Rel-7	RP	RANFS-HSPA	15/03/2006	17/09/2007	100%	25.999	RP-060217	Cingular
1384	330013	Study on Dynamically reconfiguring a FDD UE receiver to reduce pow	Rel-7	R4	FSUEPow	22/06/2007	22/06/2007	100%	25.906	RP-060641	Nokia
1385	50568	Study on Future GERAN Evolution	Rel-7	GP	FGE	08/04/2005	16/02/2007	100%	45.912	GP-051052	Nokia
1386	50120	Study on GAN Enhancements	Rel-7	GP	EGAN	31/08/2007	31/08/2007	100%	43.902	GP-062298	T-Mobile
1387	732028	<i>Deleted - covered by UID33027 - IMS security extensions</i>	Rel-7	S3	IMS-SE	08/12/2005	08/12/2005	100%	-	SP-050395	Ericsson
1388	320017	<i>Deleted - covered by 32108 - Study of work on an LCS architecture for I-WLAN</i>	Rel-7	S2	IMS-SE	08/12/2006	08/12/2006	100%	-	-	LG Electronics
1389	32029	<i>Deleted: Study on applicability of GALILEO for LCS</i>	Rel-7	S2	Galileo	30/06/2005	30/06/2005	100%	-	SP-020541	-
1392	32005	<i>Deleted - IMS Local services</i>	Rel-7	S2	IMSLocal	06/01/2006	06/01/2006	100%	23.228	-	-
1395	32078	<i>Deleted - IMS Phase 3</i>	Rel-7	S2	-	06/01/2006	06/01/2006	100%	-	-	-
1396	701216	<i>Deleted - Improvements of Radio Interface</i>	Rel-7	RP	RlnImp	15/09/2004	15/09/2004	100%	-	_Work_Items	-
1397	14018	<i>Deleted: Generic User Profile Phase 2</i>	Rel-7	C4	-	08/08/2005	30/06/2006	100%	-	-	-
1398	42003	<i>Deleted - Stage 3 - Common objects</i>	Rel-7	C4	-	08/08/2005	30/06/2006	100%	24.241	TP-020275	-
1399	31087	<i>Deleted was duplicated- Study of Customised Alerting Tone (CAT) Requirements</i>	Rel-7	S1	CAT	30/06/2006	30/06/2006	100%	-	SP-050607	-
1400	50552	<i>Deleted - FS of enhanced support of Video Telephony</i>	Rel-7	GP	VIDGER	30/06/2006	30/06/2006	100%	-	GP-042221	Ericsson
1401	34040	<i>Deleted (moved to Rel8) - Study on Transferring of emergency call data – in-band modem solution</i>	Rel-7	S4	eCALLIBMS	22/06/2007	22/06/2007	100%	26.967	SP-060935	Airbiquity

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ID	Jnique_IC	Name	Release	Resource Names	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	
1402	360009	<i>Deleted - covered by UID 20053 - Study on Interference Cancellation for UTRA FDD UE</i>	Rel-7	R4	RANFS-InterfC	28/03/2007	28/03/2007	100%	-	-	-	May
1403	7011	<i>Deleted - Study of Personal Network and Personal Area Network</i>	Rel-7	S1	PNPAN	20/10/2006	20/10/2006	100%	-	-	-	
1404	31054	<i>Deleted - Study on IMS with real time services deployment</i>	Rel-7	S1	IRTSd	28/06/2004	12/09/2005	100%	-	SP-040465	-	
1405	32076	<i>Deleted - Study on Stage 2 (IMS services using CS bearers)</i>	Rel-7	S2	IRTSd-IMSCS	28/06/2004	12/09/2005	100%	23.899	SP-040479	Nortel	
1406	32112	<i>Deleted - Study on IMS enhancements and optimizations for real time communication.</i>	Rel-7	S2	IMS-RT	10/10/2005	01/06/2007	100%	23.818	SP-050492	Ericsson	
1407	32117	<i>Deleted - Study on Terminating Session handling</i>	Rel-7	S2	CSlterm	09/01/2006	29/12/2006	100%	23.819	SP-050811	Samsung	
1408	35045	<i>Deleted - Study on IRP usage scenarios</i>	Rel-7	S5	OAM-Study	02/09/2005	07/12/2006	100%	32.8xy	SP-050303	Lucent	
1409	0	Release 6 Features	Rel-6	3P,SP,TP	-	03/01/2000	03/01/2000	0%	-	-	-	
1410	1216	Rel-6 Improvements of Radio Interface	Rel-6	RP	Rlnimp	14/08/2000	14/12/2005	100%	-	Work Items	-	
1421	3	Rel-6 RAN Feasibility Studies	Rel-6	RP	-	14/08/2000	14/03/2005	100%	-	ems History	-	
1432	20003	FDD Enhanced Uplink	Rel-6	RP	EDCH	15/03/2004	14/09/2005	100%	-	Work Items	Ericsson	
1438	9	Rel-6 RAN improvements	Rel-6	RP	RANimp	09/09/2002	14/03/2005	100%	-	Work Items	-	
1452	32023	Location Services enhancements 2	Rel-6	3S,N4,RP	LCS2	15/01/2001	16/12/2004	100%	23.271	SP-030127	-	
1475	1571	Rel-6 Security enhancements	Rel-6	S3	SEC1	03/01/2001	26/11/2004	100%	-	SP-000421	Vodafone	
1482	32021	IMS Phase 2	Rel-6	33,S5,NP	IMS2	28/08/2000	30/12/2005	100%	23.228	-	-	
1516	32063	3GPP Enablers for services like Push to Talk over Cellular (PoC)	Rel-6	S2,S4,S5	PoC	08/09/2003	09/06/2005	100%	-	SP-030384	Ericsson	
1521	32062	Study on Interworking aspects and migration scenarios for IPv4 base	Rel-6	S2	IPv4IMS	08/09/2003	25/06/2004	100%	23.981	SP-040327	Siemens	
1522	11032	Interoperability and Commonality between IMS using different IP-con	Rel-6	S2	IMSCOOP	16/09/2002	12/12/2003	100%	23.864	-	-	
1526	1365	Support of Push Services	Rel-6	S1	PUSH	03/01/2001	27/02/2004	100%	23.976	SP-000669	NTT Comware	
1529	42009	Multimedia Messaging (MMS) enhancements	Rel-6	S5,OMA	MMS6	15/08/2002	07/12/2005	100%	-	TP-030175	Siemens	
1538	42005	Rel-6 MEXE enhancements	Rel-6	T2	MEXE6	08/03/2002	06/06/2003	100%	-	-	-	
1541	2062	Subscription Management	Rel-6	S5	SuM	20/09/2002	17/03/2005	100%	32.140/1,3	SP-040763	T-Mobile	
1542	2499	Presence Capability	Rel-6	S1	PRESNC	19/03/2001	07/12/2005	100%	-	SP-010064	Motorola	
1550	50056	Enhanced A/Gb feasibility study	Rel-6	GP	AGbEnFS	30/08/2002	08/11/2002	100%	None	GP-022565	Vodafone	
1558	50063	Flexible Layer One for GERAN	Rel-6	GP	FLOGER	03/01/2000	25/06/2004	100%	-	GP-021018	Nokia	
1576	50041	Uplink TDOA feasibility study	Rel-6	GP	TDOAF	30/11/2001	28/06/2002	100%	45.811	GP-012794	TruePosition	
1577	2544	Multimedia Broadcast and Multicast Service	Rel-6	1,RP,GP	MBMS	11/05/2001	07/03/2008	100%	-	-	-	
1612	31006	Speech Recognition and Speech Enabled Services	Rel-6	S1	SRSES	08/10/2001	30/12/2005	100%	-	SP-010572	-	
1618	31008	Generic User Profile Rel-6	Rel-6	S1	GUP	08/10/2001	03/03/2005	100%	-	SP-040515	-	
1624	31010	Digital Rights Management	Rel-6	S1	DRM	08/10/2001	28/05/2004	100%	-	SP-010577	-	
1630	31012	WLAN-UMTS Interworking Rel-6	Rel-6	S1	WLAN	03/01/2000	22/09/2005	100%	-	SP-030712	Telenor	
1642	31015	Priority Service	Rel-6	S1	PRIOR1	30/05/2002	26/09/2003	100%	-	SP-010523	Telcordia	
1646	31018	Network Sharing	Rel-6	S1	NTShar	20/01/2003	15/12/2004	100%	-	SP-010739	T-Mobile	
1652	32016	QoS Improvements	Rel-6	S2,N3	QoS1	15/07/2002	08/12/2004	100%	23.107, 23	SP-010719	Nokia	
1656	33002	Subscriber certificates	Rel-6	T3,OMA	SEC1-SC	25/02/2002	08/12/2004	100%	-	SP-010622	Nokia	
1662	15010	Rel-6 OSA enhancements	Rel-6	N5	OSA3	31/10/2002	10/03/2005	100%	22.127, 23	NP-040351	Alcatel	
1673	50401	Addition of frequency bands to GSM (TAPS)	Rel-6	GP	TAPS	28/06/2002	28/01/2005	100%	-	GP-022072	Nokia	
1678	50130	Seamless support of streaming services in A/Gb mode	Rel-6	GP	SSStrea	03/01/2000	17/06/2005	100%	-	GP-022561	Vodafone	
1693	34300	Performance characterisation of default codecs for PS conversational	Rel-6	S4	CODCAR	13/09/2002	10/06/2004	100%	26.935	SP-020433	Nokia	
1694	31030	Study on Privacy Capability	Rel-6	S1	PrivCap	10/11/2003	03/03/2004	100%	22.949	SP-020579	Lucent	
1695	35010	OAM&P Rel-6	Rel-6	S5	OAM	12/09/2002	11/03/2005	100%	-	SP-040766	Motorola	
1703	35016	Charging Management	Rel-6	S5	CH	21/11/2002	09/06/2005	100%	32.2xy	SP-040773	T-Mobile	
1721	1800	Rel-6 UICC/USIM enhancements and interworking	Rel-6	T3	USAT1	25/09/2000	10/03/2005	100%	-	not needed	-	

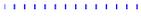
ID	Jnique_IC	Name	Release	Resource Names	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	
												May
1732	34022	Packet Switched Streaming Services Rel-6	Rel-6	S4,S1	PSSrel6	18/11/2002	07/12/2005	100%	-	SP-020685	Ericsson	
1735	34023	AMR-WB extension for high audio quality	Rel-6	S4	AMRWB+	13/12/2002	07/12/2005	100%	26.290, 26	SP-030083	Nokia	
1736	34027	Codec Enhancements for Packet Switched Conversational Multimedia	Rel-6	S4	CEPSCM	16/03/2004	16/12/2004	100%	26.235, 26	SP-040066	Nokia	
1737	34028	3G-324M Improvements	Rel-6	S4	3G-324MI	16/03/2004	16/12/2004	100%	26.111, 26	SP-040067	Ericsson	
1738	51101	Single Antenna Receiver Interference Cancellation (SAIC)	Rel-6	GP,G1	SAIC	15/11/2002	25/06/2004	100%	45.903	GP-023400	Cingular	
1739	12006	Enhancement of dialled service for CAMEL	Rel-6	S1,N2,N4	EDCAMEL	28/03/2003	31/12/2003	100%	22.078	SP-020818	Samsung	
1741	32060	Study on Bandwidth and resource savings in CS networks	Rel-6	S2	BARS	01/06/2003	16/06/2004	100%	23.977	SP-030308	-	
1742	33018	FS on (U)SIM Security Reuse by Peripheral Devices on Local Interface	Rel-6	S3	-	03/07/2003	26/12/2003	100%	33.817	SP-030341	Toshiba	
1743	50600	Multiple TBF in A/Gb mode	Rel-6	GP,G2	MULTBF	05/04/2002	28/01/2005	100%	-	GP-021263	Ericsson	
1749	50096	Alignment between the test-regimes for GERAN capable MS	Rel-6	G3new	ALTERE	29/08/2003	02/09/2005	100%	-	GP-032236	Ericsson	
1751	50444	Addition of U-TDOA in the CS domain	Rel-6	GP	UTDOACS	21/11/2003	23/04/2004	100%	-	GP-032773	TruePosition	
1752	50445	Addition of U-TDOA in the PS domain	Rel-6	GP	UTDOAPS	27/06/2003	12/11/2004	100%	-	GP-032774	TruePosition	
1753	50101	Downlink Advanced Receiver Performance	Rel-6	GP	DARP	21/11/2003	02/09/2005	100%	-	GP-041966	Nokia	
1763	50109	Reduction of PS service interruption in Dual Transfer Mode	Rel-6	G2	PSintDTM	21/11/2003	24/06/2005	100%	-	GP-032548	Siemens	
1769	12008	CAMEL prepay interworking with SCUDIF	Rel-6	V4,N3,S1	SCCAMEL	08/12/2003	05/10/2004	100%	22.078, 23	NP-030584	Nokia	
1770	31046	Circuit Switched Video and Voice Service Improvements	Rel-6	S2,C1	CS_VSS	12/01/2004	02/09/2005	100%	-	SP-040331	Vodafone	
1777	33020	Network Domain Security; MAP application layer security (NDS/MAPS)	Rel-6	S3	MAPSEC	06/07/2004	29/12/2004	100%	-	SP-040280	Vodafone	
1778	33021	FS on Security for early IMS	Rel-6	S3	SEC-IMS	01/10/2004	28/03/2005	100%	33.978	SP-040691	Vodafone	
1779	13024	Reorganisation of CS Data Specifications	Rel-6	N3	CS Data	19/11/2004	08/12/2004	100%	23.910, 29	NP-040563	Siemens	
1780	50553	Generic Access to A/Gb Interface (GAAI)	Rel-6	GP	GAAI	25/06/2004	20/01/2006	100%	-	GP-042247	Motorola	
1785	50559	Support of PS Handover for GERAN A/Gb mode	Rel-6	GP,G2	SPSHAGB	03/11/2003	24/08/2005	100%	-	GP-051160	Ericsson	
1789	60111	(Small) Technical Enhancements and Improvements for Rel-6	Rel-6	All	TEI6	02/06/2006	06/05/2008	100%	-	-	-	
1790	25019	Test - (Small) Technical Enhancements and Improvements for Rel-6	Rel-6	R5,T1	TEI6_Test	02/06/2006	06/05/2008	100%	34.108,34.	_Work_Items	-	
1791	31029	<i>Deleted - Study of Feature Interactions Requirements</i>	Rel-6	S1	FINITER	16/09/2004	16/09/2004	100%	-	SP-020578	-	
1792	50563	<i>Deleted - Enhancements of VGCS in public networks for communication of public authority officials</i>	Rel-6	GP,G2	EVGCS	24/08/2005	02/09/2005	100%	44.018, 44	GP-041837	Siemens	
1793	50500	<i>Deleted - Support of Conversational Services in A/Gb mode via the PS domain</i>	Rel-6	GP,N1	SCSAGB	21/11/2003	19/02/2004	100%	-	GP-030443	Ericsson	
1800	2	<i>Deleted - Rel-6 Evolutions of the transport in the UTRAN</i>	Rel-6	RP	ETRAN	31/12/2003	31/12/2003	100%	-	_Work_Items	Alcatel	
1801	0	Release 5 Features	Rel-5	RP,SP,TP	-	03/01/2000	03/01/2000	0%	-	-	-	
1802	625	IP transport in the UTRAN	Rel-5	R3	ETRAN-IPtrans	17/07/2000	29/03/2002	100%	-	RAN_Wis	Alcatel	
1803	2455	FS on Usage of SUA	Rel-5	N4	SS7IP	12/03/2001	21/12/2001	100%	-	NP-010460	-	
1804	2476	High Speed Downlink Packet Access	Rel-5	R2	HSDPA	02/04/2001	06/06/2003	100%	-	RAN_Wis	Motorola	
1809	501216	Rel-5 Improvements of Radio Interface	Rel-5	RP	RInImp	14/08/2000	30/08/2002	100%	-	RAN_Wis	-	
1822	500009	Rel-5 RAN improvements	Rel-5	RP	RANimp	16/03/2001	01/03/2004	100%	-	RAN_Wis	-	
1839	23004	UTRAN Sharing in Connected Mode	Rel-5	R3	NETSHARE	03/12/2001	03/09/2002	100%	-	-	Ericsson	
1840	1273	Provisioning of IP-based multimedia services	Rel-5	S1,S2,S5	IMS	03/01/2000	03/03/2004	100%	-	SP-000216	Openwave	
1915	34001	Extended Transparent End-to-End PS Streaming Service	Rel-5	S4	PSS-E	03/01/2002	17/03/2003	100%	26.233, 26	SP-010392	Ericsson	
1920	501637	Rel-5 OSA enhancements	Rel-5	S1	OSA1	27/04/1999	20/12/2002	100%	22.127, 23	SP-000216	Siemens	
1949	1638	CAMEL phase 4	Rel-5	S1	CAMEL4	17/04/2000	06/09/2002	100%	-	NP-020486	Nokia	
1963	2464	Rel-5 MEXE enhancements	Rel-5	T2	MEXE5	26/03/2001	08/03/2002	100%	-	-	-	
1965	1625	Wideband Telephony Service - AMR	Rel-5	S4	AMRWB	01/01/2000	19/12/2003	100%	-	SP-99354	Siemens	
1999	1826	Terminal interfaces	Rel-5	T2	TI	14/05/2001	20/03/2002	100%	-	not needed	-	
2001	1536	Rel-5 Location Services enhancements	Rel-5	S2,S5	LCS1	03/04/2000	27/06/2003	100%	-	SP-010518	Nokia	
2036	501571	Rel-5 Security enhancements	Rel-5	S3	-	21/02/2000	28/06/2002	100%	-	SP-000421	Vodafone	

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2045	2243	Intra Domain Connection of RAN Nodes to Multiple CN Nodes	Rel-5	S2	IUFLEX	02/10/2000	28/06/2002	100%	23.236	SP-000619	Ericsson	
2056	2320	<i>Deleted - GERAN improvements 3 (new transport layer on interface A)</i>	Rel-5	GP	GEIMP3	06/04/2001	20/12/2002	100%	-	GP-010909	-	
2060	501142	Rel-5 Charging and OAM&P	Rel-5	S5	OAM	10/09/2001	12/09/2002	100%	-	SP-010461	iceStream, Motorola	
2065	2392	GERAN enhancements for streaming services 1 (RLC enhancements)	Rel-5	GP	-	06/11/2000	28/06/2002	100%	-	GP--010429	-	
2068	2396	GERAN enhancements for streaming services 2 (usage of ECSD)	Rel-5	GP	-	06/11/2000	28/06/2002	100%	-	GP-010430	Ericsson	
2074	2412	GERAN/UTRAN interface evolution 1 (evolution of Iu PS)	Rel-5	GP,R3	GERUEV1	01/09/2000	28/06/2002	100%	-	GP-010481	SBC	
2078	2416	GERAN/UTRAN interface evolution 2 (evolution of Iu CS)	Rel-5	GP,R3	GERUEV2	01/09/2000	28/06/2002	100%	-	GP-010417	-	
2082	2556	End to End QoS for PS Domain including IMS	Rel-5	S2	E2EQoS	28/08/2000	28/06/2002	100%	-	SP-010343	Ericsson	
2086	2569	Messaging enhancements Rel-5	Rel-5	T2	MESS5	15/06/2001	31/03/2003	100%	-	-	-	
2095	50001	GERAN Inter BSC NACC improvements over the Gb Interface	Rel-5	GP	GERNACC	03/09/2001	28/06/2002	100%	-	GP-012313	-	
2102	50033	Enhanced Power Control	Rel-5	GP	EPC	26/11/2001	19/12/2003	100%	-	GP-012748	-	
2106	50037	8PSK AMR HR	Rel-5	GP	8PSK-AH	10/12/2001	19/12/2003	100%	-	GP-012752	-	
2118	13000	Service Change and UDI Fallback	Rel-5	N3	SCUDIF	08/10/2001	07/06/2002	100%	29.007, 27	NP-020164	Ericsson	
2119	501800	Rel-5 USIM toolkit enhancements	Rel-5	T3	USAT1-Interpr	05/06/2000	26/09/2003	100%	-	not needed	G & D	
2127	30001	(Small) Technical Enhancements and Improvements for Rel-5	Rel-5	All	TEI5	03/01/2000	31/12/2008	100%	-	-	-	
2128	25018	Test - (Small) Technical Enhancements and Improvements for Rel-5	Rel-5	R5,T1	TEI5_Test	03/01/2000	31/12/2008	100%	34.108, 34	_Work_Items	-	
2129	31013	<i>Deleted - Technical Report on UE Functionality Split</i>	Rel-5	S1	UESPLIT	03/01/2000	01/05/2000	100%	-	SP-010484	Motorola	
2130	2520	User Equipment Management	Rel-5	S5	UEM	21/06/2001	28/06/2002	100%	32.802	SP-010286	Vodafone	
2132	50201	Flow control supporting an MS with multiple data flows with different	Rel-5	GP	FlowCon	24/06/2002	30/08/2002	100%	-	GP-021767	Ericsson	
2138	50058	<i>Deleted - Multiple TBF in A/Gb mode - Phase 1</i>	Rel-5	GP	MULTBFB	19/04/2002	28/11/2003	100%	-	GP-021263	Ericsson	
2145	2345	Alignment of 3G functional split and Iu	Rel-5	GP	GER3GAL	08/06/2000	19/12/2003	100%	-	GP-021256	Ericsson	
2192	2330	GERAN support for IMS	Rel-5	GP	GERIMS	01/05/2000	20/12/2002	100%	-	GP-010420	Nokia	
2205	54001	MS Conformance Testing of Dual Transfer Mode	Rel-5	G4,G5	MSCDTM	11/11/2002	07/02/2003	100%	-	GP-023236	Vodafone	
2206	32033	Handling of early UEs	Rel-5	S2	LATE_UE	03/01/2000	27/06/2003	100%	-	SP-030125	-	
2211	0	Release 4 Features	Rel-4	SP,TP	-	03/01/2000	03/01/2000	0%	-	-	-	
2212	1861	Miscellaneous UE Conformance Testing Activities	Rel-4	T1	MISTST1	02/04/2001	01/12/2004	100%	-	not needed	-	
2220	1340	Facsimile	Rel-4	S1	FAX	22/02/2000	23/06/2000	100%	-	SP-000169	-	
2227	1539	Transparent End-to-End PS mobile streaming application	Rel-4	S4	PSTREAM	03/04/2000	21/03/2001	100%	26.233, 26	SP-000345	-	
2228	1818	Multimedia Messaging	Rel-4	T2,S1	MMS	22/02/2000	14/03/2001	100%	22.140, 23	TP-000078	Siemens	
2235	1541	Transcoder-Free Operation	Rel-4	N4,S2,N1	TrFO	03/01/2000	30/03/2001	100%	-	-	-	
2244	2310	GERAN improvements 1 (Gb over IP)	Rel-4	GP	GEIMP1	09/05/2000	19/03/2001	100%	-	GP-000433	-	
2248	2314	GERAN improvements 2 (NACC)	Rel-4	GP	GEIMP2	06/11/2000	10/06/2003	100%	-	GP-012812	-	
2257	2324	GERAN improvements 4 (Delayed TBF)	Rel-4	GP	GEIMP4	15/01/2001	08/06/2001	100%	-	GP-010363	-	
2264	1222	Low Chip Rate TDD option	Rel-4	R1	LCRTDD	19/07/2000	02/12/2003	100%	-	RAN_Wis	CWTS	
2276	1322	Enable bearer independent CS architecture	Rel-4	S2	CSSPLIT	03/01/2000	01/03/2002	100%	-	SP-000288	Siemens	
2287	1445	MEXE enhancements Rel-4	Rel-4	T2	MEXE	03/01/2000	14/12/2001	100%	-	TP-030052	-	
2295	1631	Tandem Free aspects for 3G and between 2G and 3G systems	Rel-4	S4	TFO	22/02/2000	15/06/2001	100%	-	-	-	
2301	2230	Advanced Speech Call Items enhancements_REL-4	Rel-4	N1	ASCI	03/12/2000	14/03/2002	100%	-	NP-000730	Nortel	
2304	2403	700 MHz spectrum support	Rel-4	GP	700SS	03/01/2000	20/12/2002	100%	-	GP-000449	-	
2313	2463	Operator Determined Barring for Packet Oriented Services	Rel-4	NP	ODB	01/06/2000	19/03/2001	100%	-	NP-010089	NEC	
2314	2546	UMTS QoS Architecture for PS Domain	Rel-4	S2	QoSPS	03/01/2000	27/11/2002	100%	-	SP-010342	Ericsson	
2333	1993	(Small) Technical Enhancements and Improvements for Rel-4	Rel-4	All	TEI4	03/01/2000	06/05/2008	100%	-	-	-	
2334	25017	Test - (Small) Technical Enhancements and Improvements for Rel-4	Rel-4	R5,T1	TEI4_Test	03/01/2000	06/05/2008	100%	-	_Work_Items	-	

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2335	400002	Rel-4 Evolutions of the transport in the UTRAN	Rel-4	RP	ETRAN	21/08/2000	23/08/2002	100%	-	RAN Wis	Alcatel	
2340	400004	Rel-4 Evolutions of the transport in the CN	Rel-4	N1,N2,S2	CNTRSP	29/05/2000	23/03/2001	100%	-	not needed	-	
2348	401216	Rel-4 Improvements of Radio Interface	Rel-4	RP	RinImp	10/07/2000	14/03/2003	100%	-	RAN Wis	-	
2363	400009	Rel-4 RAN improvements	Rel-4	RP	RANimp	14/08/2000	17/03/2004	100%	-	RAN Wis	-	
2373	401652	Rel-4 Emergency call enhancements	Rel-4	N1,S1,T1	EMC1	03/01/2000	28/05/2002	100%	-	-	Ericsson	
2380	401826	Rel-4 Terminal interfaces	Rel-4	T2	TI	03/01/2000	15/03/2001	100%	-	not needed	-	
2386	401536	Rel-4 Location Services enhancements	Rel-4	S2	LCS1	03/04/2000	28/12/2001	100%	-	SP-010518	Nokia	
2399	401560	Rel-4 UICC(U)SIM enhancements and interworking	Rel-4	T3	UICC1	24/07/2000	23/03/2001	100%	-	not needed	-	
2401	401800	Rel-4 (U)SIM toolkit enhancements	Rel-4	T3	USAT1-LocLnk	05/06/2000	23/03/2001	100%	-	not needed	Gemplus	
2403	401571	Rel-4 Security enhancements	Rel-4	S3	-	03/01/2000	15/03/2002	100%	-	SP-000421	Vodafone	
2413	401142	Rel-4 Charging and OAM&P	Rel-4	S5	OAM	01/12/2000	05/10/2001	100%	-	SP-010461	iceStream, Motorola	
2420	1517	Global Text Telephony	Rel-4	S4,T1,R5	GTT	03/01/2000	18/09/2009	100%	-	SP-010340	Ericsson	
2427	0	Release 1999 Features	R99	TP,SMG	-	01/01/2000	01/01/2000	0%	-	-	-	
2428	60150	UMTS Features	R99	V3,N4,RP	-	01/01/1999	31/12/1999	100%	-	-	-	
2440	60151	UMTS and GSM Features	R99	V4,R2,R3	-	01/01/1999	31/12/1999	100%	-	-	-	
2495	60152	GSM Features	R99	V2,N3,N4	-	01/01/1999	31/12/1999	100%	-	-	-	
2519	60153	GSM Features transposed to UMTS	R99	T2,N2,N4	-	01/01/1999	31/12/1999	100%	-	-	-	
2527	60154	Charging	R99	S1,S5	CH	01/01/1999	31/12/1999	100%	-	-	-	
2530	60155	Operations, Administration, Maintenance and Provisioning (OAM&P)	R99	S5	OAM	01/01/1999	31/12/1999	100%	-	SP-99581	-	
2536	60106	Vocabulary	R99	S1	Vocabulary	01/01/1999	31/12/1999	100%	21.905	-	-	
2537	60037	Emergency	R99	S1	Emergency	01/01/1999	31/12/1999	100%	22.101	-	-	
2538	60049	GSM General Bearer Services (GBS) and interworking scenarios sup	R99	S1	GSM_to_UMTS	01/01/1999	31/12/1999	100%	22.105	-	-	
2539	60043	GPRS_Mobile_IP_interworking	R99	N3	GPRS_Mobile_I	01/01/1999	31/12/1999	100%	29.061	-	-	
2540	60046	GSM/UMTS interworking	R99	S1,SMG	2G3Ginterworkii	01/01/1999	31/12/1999	100%	03.22, 04.1	-	-	
2541	60050	Handover	R99	V1,N2,N4	Handover	01/01/1999	31/12/1999	100%	04.18, 08.0	-	-	
2542	60120	2G3Ghandover	R99	SMG2	2G3Ghandover	01/01/1999	31/12/1999	100%	04.18, 04.€	-	-	
2543	60088	Service Provider Name Indication	R99	S1	SPANME	01/01/1999	31/12/1999	100%	22.101	-	-	
2544	60026	Data & Data_CleanUp	R99	SMG1	Data, Data_Cle€	01/01/1999	31/12/1999	100%	02.01, 02.€	-	-	
2545	60125	Unstructured Supplementary Service Data	R99	SMG1,N4	USSD	01/01/1999	31/12/1999	100%	02.04, 02.€	-	-	
2546	60126	Man-Machine Interface (MMI) of the User Equipment (UE)	R99	S1	MMI	01/01/1999	31/12/1999	100%	22.030	-	-	
2547	60127	Network Identity and Timezone (NITZ)	R99	S1,SMG3	NITZ	01/01/1999	31/12/1999	100%	02.42, 04.€	-	-	
2548	60128	Operator Determined Barring for Packet Oriented Services	R99	S1	ODB_Enh.	01/01/1999	31/12/1999	100%	22.041	-	-	
2549	60068	Packet Flow Management	R99	SMG2	Packet_Flow_M	01/01/1999	31/12/1999	100%	08.18	-	-	
2550	60044	GPRS_Point-To-Multipoint Group call	R99	SMG1	GPRS_PTMG	01/01/1999	31/12/1999	100%	02.60	-	-	
2551	60156	Call Forwarding	R99	S1,N2,N4	-	01/01/1999	31/12/1999	100%	-	-	-	
2555	60157	Quality of Service	R99	V1,N2,N4	-	01/01/1999	31/12/1999	100%	-	-	-	
2560	60129	Support of Localised Service Area	R99	SMG7,N2	SoLSA	01/01/1999	31/12/1999	100%	04.08, 04.1	-	-	
2561	60100	Transcoder_location	R99	S2	Transcoder_loc€	01/01/1999	31/12/1999	100%	23.110	-	-	
2562	60113	Antenna_test_methods	R99	SMG2	Antenna_test_rr	01/01/1999	31/12/1999	100%	03.30	-	-	
2563	60107	WBAMR / high quality speech in UMTS Phase 1 but not in R99	R99	S1	WBAMR	01/01/1999	31/12/1999	100%	22.105	-	-	
2564	60138	Codec	R99	S4	-	01/01/1999	31/12/1999	100%	-	-	-	
2571	60143	Advanced Speech Call Items enhancements	R99	N4,S1,T2	ASCI	01/01/1999	31/12/1999	100%	02.30, 02.€	-	-	
2572	60009	Call Control improvements	R99	N1	CC_Related_ite	01/01/1999	31/12/1999	100%	24.007, 24	-	-	

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2573	60059	Multimedia	R99	N1,N3	Multimedia	01/01/1999	31/12/1999	100%	24.008, 27	-	-	
2574	60089	Sub-System Number allocation for RANAP, RNSAP	R99	N2	SSN_allocation	01/01/1999	31/12/1999	100%	23.003	-	-	
2575	60053	Intranet / ISP access with DHCP end-to-end	R99	N3	ISPaccess	01/01/1999	31/12/1999	100%	29.061	-	-	
2576	60072	Point_to_Multipoint_Services	R99	N3	Point_to_Multipc	01/01/1999	31/12/1999	100%	29.061	-	-	
2577	60146	Facsimile	R99	S1	FAX	01/01/1999	31/12/1999	100%	22.003, 22	-	-	
2578	60081	Realtime_NT_FAX_in_UMTS	R99	N3	Realtime_NT_F	01/01/1999	31/12/1999	100%	27.001, 27	-	-	
2579	60042	Gateway Location Register (GLR) - Mobile Application Part (MAP) spe	R99	N4	GLR	01/01/1999	31/12/1999	100%	29.120	-	-	
2580	60056	Multiple Subscriber Profile phase 2	R99	S1,N4	MSP2	01/01/1999	31/12/1999	100%	22.097, 23	-	-	
2581	60074	Prepaging	R99	N2,N4	Prepaging	01/01/1999	31/12/1999	100%	23.018, 23	-	-	
2582	60148	Downlink Advanced Receiver Performance	R99	SMG	-	01/01/1999	31/12/1999	100%	05.09	-	-	
2583	60051	Harmonized Standard	R99	SMG2	HS	01/01/1999	31/12/1999	100%	13.21	-	-	
2584	60090	Streamlining of specifications	R99	N3	Streamlining	01/01/1999	31/12/1999	100%	27.060, 29	-	-	
2585	60079	R99_Service_Clean_up	R99	N3	R99_Service_C	01/01/1999	31/12/1999	100%	03.10, 27.C	-	-	
2586	60094	(Small) Technical Enhancements and Improvements for R99	R99	N3	TEI	01/01/1999	31/12/1999	100%	-	-	-	
2589	25016	R99 UE Conformance Testing	R99	R5,T1	TEI_Test	01/01/1999	31/12/1999	100%	34.108, 34	-	-	
2597	60028	<i>Deleted - Dual Tone Multi-Frequency signalling : Support in the whole 3GPP system</i>	R99	N1	DTMF	01/01/1999	31/12/1999	100%	23.014 CR	-	-	
2598	60052	<i>Deleted - Intersystem_Change</i>	R99	SMG	Intersystem_Ch	01/01/1999	31/12/1999	100%	04.18 CR#	-	-	
2599	60054	<i>Deleted - Long_Forwardedto_Numbers</i>	R99	N2	Long_Forwarde	01/01/1999	31/12/1999	100%	29.002	-	-	
2600	60080	<i>Deleted - RANimp-FSEarlyUE</i>	R99	R3	RANimp-FSEari	01/01/1999	31/12/1999	100%	25.413 CR	-	-	
2601	0	Release 1999 Studies	R99	S1,T2	-	03/01/2000	03/01/2000	0%	-	-	-	
2602	60061	Advanced Addressing/Numbering	R99	S1	Numbering	01/01/1999	31/12/1999	100%	22.975	-	-	
2603	60161	Combined GSM and Mobile IP mobility handling in UMTS IP CN	R99	S2	-	01/01/1999	31/12/1999	100%	23.923	SMG 98/0760	-	
2604	60101	UE Capabilities Requirements	R99	T2	UCR	01/01/1999	31/12/1999	100%	21.904	TP-000022	-	
2605	60158	Electrical safety requirements and regulations	R99	T2	-	01/01/1999	31/12/1999	100%	34.907	TP-000022	-	
2606	60159	Specific Absorbtion Rate (SAR) requirements and regulations in diffe	R99	T2	-	01/01/1999	31/12/1999	100%	34.925	TP-000022	-	
2607	60160	Multi-mode UE issues	R99	T2	-	01/01/1999	31/12/1999	100%	21.810, 21	TP-000022	-	
2608	60162	Provision of fax service in GSM and UMTS	R99	T2	-	01/01/1999	31/12/1999	100%	22.945	-	-	
2609	60163	Separating Radio Resources and Mobility Management specific parts	R99	T2	-	01/01/1999	31/12/1999	100%	23.814	-	-	

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Date: 08/06/2010

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			