

ID	Jnique_IC	Name	Release	Resource Names	Modific	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	Notes	Qtr 1, 2011	
													Nov	Jan
1	0	Version 2010 Dec 15	-	-	No	-	03/01/2000	03/01/2000	100%	-	-	-		
2	0	Rel-9 Two GERAN exceptions to 11/2010 (VAMOS, AGNSSPTP)	-	-	No	-	03/01/2000	03/01/2000	100%	-	-	-		
3	0	Rel-10 Stage 3 freeze 03/2011	-	-	No	-	03/01/2000	03/01/2000	100%	-	-	-		
4	0	Rel-11 Stage 1 freeze 09/2011	-	-	No	-	03/01/2000	03/01/2000	100%	-	-	-		
5	0	<i>Gantt: dark blue=done; light blue=to be done; grey: previous values; black=summary</i>	-	-	No	-	03/01/2000	03/01/2000	100%	-	-	-		
6	0	Release 11 Features	Rel-11	SP	No	-	25/03/2010	23/12/2011	0%	-	-	-		
7	460026	Support BroadBand forum Accesses Interworking	Rel-11	S2,S1	No	BBAI	10/12/2009	24/06/2011	33%	-	SP-100881	id accesses)		
15	470051	Advanced IP Interconnection of Services	Rel-11	S1,S2	No	IPXS	25/03/2010	16/03/2012	27%	-	SP-100876	ct (FS_IPXS)		
18	480030	System Improvements to Machine-Type Communications	Rel-11	S1,S2,S3	No	SIMTC	10/06/2010	15/03/2012	5%	-	SP-100877	ents to MTC		
24	480031	Unstructured Supplementary Service Data (USSD) simulation ser	Rel-11	S1	No	USSD	10/06/2010	10/06/2010	100%	-	SP-100408	iated USSD)		
26	480035	SRVCC aspect of enhancements for Multimedia Priority Service	Rel-11	S2	No	eMPS_SRVCC	10/06/2010	23/03/2011	10%	-	SP-100359	to LTE/EPC		
29	500026	Single Radio Video Call Continuity for 3G-CS	Rel-10	S2	No	vSRVCC	15/10/2010	18/03/2011	0%	-	SP-100704	in TR 23.886		
31	480038	Network Provided Location Information for IMS	Rel-11	S2,S1,S5	No	NWK-PL2IMS	10/06/2010	23/06/2011	14%	-	SP-100358	ig purposes.		
36	490030	SIPTO Service Continuity of IP Data Session	Rel-11	S1	No	SIPTO_SC	23/09/2010	15/09/2011	80%	-	SP-100589	.IPA_SIPTO)		
38	500028	LIPA Mobility and SIPTO at the Local Network	Rel-11	S2	No	LIMONET	15/10/2010	15/12/2011	0%	-	SP-100705	rking (BBAI)		
40	490031	QoS Control Based on Subscriber Spending Limits	Rel-11	S1,S5	No	QoS_SSL	23/09/2010	21/03/2012	42%	-	SP-100644	Stage 1/2/3 ?		
43	490032	Optimized Service Charging and Allocation of Resources in IMS	Rel-11	S1,S2	No	OSCAR	23/09/2010	15/12/2011	28%	-	SP-100701	drawbacks)		
47	500030	Non Voice Emergency Services	Rel-11	S1	No	NOVES	16/12/2010	15/09/2011	0%	-	SP-100884	(FS_NOVES)		
49	500031	Interworking between Mobile Operators using the Evolved Packe	Rel-11	S1	No	MOSAP	16/12/2010	24/06/2011	0%	-	SP-100891	00006 PEST		
51	500032	Service Awareness and Privacy Policies	Rel-11	S2,S1	No	SAPP	12/10/2010	17/06/2011	78%	-	SP-100882	completed.		
54	500033	VPLMN Autonomous CSG Roaming	Rel-11	S2	No	VCSG	15/10/2010	15/12/2011	0%	-	SP-100706	A1 TS 22.220		
56	440055	EEA3 and EIA3 (new Encryption & Integrity EPS security Algorith	Rel-11	S3	No	EEA3_EIA3	04/06/2009	15/12/2011	40%	35.xxx (EEA3 & EI	SP-090445	uch as China		
57	480039	Specification of Protection against Unsolicited Communication f	Rel-11	S3	No	SPUCI	10/06/2010	16/06/2011	30%	new TR 33.8xy, TE	SP-100428	sms for PUCI		
58	470030	Codec for Enhanced Voice Services	Rel-11	S4,S1	No	EVS_codec	25/03/2010	15/12/2011	25%	-	SP-100202	;(TR 22.813)		
61	430011	Network-Based Positioning Support in LTE	Rel-11	R1,R3,R4	No	LCS_LTE-NBPS	09/03/2009	14/09/2012	17%	LTE	RP-101446	& Perf parts		
64	500017	LTE Advanced Carrier Aggregation of Band 4 and Band 17	Rel-11	R4	No	LTE_CA_B4_B17	10/12/2010	15/06/2012	0%	LTE	RP-101391	Stage 3		
67	500018	LTE Advanced Carrier Aggregation of Band 4 and Band 13	Rel-11	R4	No	LTE_CA_B4_B13	10/12/2010	15/06/2012	0%	LTE	RP-101435	Stage 3		
70	500019	Eight carrier HSDPA	Rel-11	R2,R3,R4	No	8C_HSDPA	10/12/2010	14/12/2012	0%	UTRA	RP-101419	Stage 3		
73	500021	UE demodulation performance requirements under multiple-cell	Rel-11	R4	No	LCR_TDD_UE_demod	10/12/2010	16/09/2011	0%	UTRA	RP-101436	Stage 3		
75	500022	Uplink Transmit Diversity for HSPA	Rel-11	R2,R3,R4	No	HSPA_UL_TxDiv	03/01/2000	14/09/2012	0%	UTRA	RP-101438	Stage 2/3		
80	480004	(Small) Technical Enhancements and Improvements for Rel-11	Rel-11	All	No	TEI11	10/06/2010	23/12/2011	0%	-	not applicable	23.041 CRs#		
81	0	Release 11 Studies	Rel-11	SP,GP	No	-	10/12/2009	23/03/2011	0%	-	-	-		
82	450047	Study on IMS based Peer-to-Peer Content Distribution Services	Rel-11	S1,S2	No	FS_IMS_P2P	12/05/2009	10/06/2010	100%	22.906	SP-090491	48 completed		
83	490034	Study on IMS based Peer-to-Peer Content Distribution Services (Rel-11	S2,S1	No	FS_IMS_P2P_CDS	23/09/2010	15/12/2011	10%	23.844	SP-100567	UID_450047		
84	460024	Study on Non Voice Emergency Services	Rel-11	S1	No	FS_NOVES	10/12/2009	16/12/2010	100%	22.871	SP-090897	50 completed		
85	460025	Study on UICC/USIM enhancements	Rel-11	S1	No	FS_U2e	10/12/2009	23/03/2011	50%	22.817	SP-090852	1 Web Server		
86	470020	Study on Alternatives to E.164 for Machine-Type Communication	Rel-11	S1	No	FS_AMTC	25/03/2010	16/06/2011	20%	22.988	SP-100198	hose devices		
87	480032	Study on enhancements for Machine-Type Communications (MT)	Rel-11	S1	No	FS_MTCe	10/06/2010	16/06/2011	20%	22.888	SP-100448	C M2M work.		
88	480033	Study on Support for 3GPP Voice Interworking with Enterprise IP	Rel-11	S1,S2	No	FS_VINE	23/09/2010	16/06/2011	70%	22.809	SP-100411	obile devices		
89	490033	Study on IMS Network-Independent Public User Identities	Rel-11	S1	No	FS_INIPUI	23/09/2010	24/03/2011	10%	22.894	SP-100652	-		
90	490035	Study on Integration of Single Sign-On (SSO) frameworks with 3G	Rel-11	S1	No	FS_SSO_Int	23/09/2010	16/06/2011	10%	22.895	SP-100640	king (LibSec)		
91	500034	Study on Security aspects of Integration of Single Sign-On (SSO)	Rel-11	S3	No	FS_SSO_Int_Sec	16/12/2010	15/09/2011	0%	33.8xx	SP-100734	SF and GAA)		
92	490036	Study on Core Network Overload solutions	Rel-11	S2	No	FS_CNO	23/09/2010	15/12/2011	20%	23.843	SP-100651	s anticipated.		

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93	500035	Study on Continuity of Data Sessions to Local Networks	Rel-11	S1	No	FS_CSN	16/12/2010	16/09/2011	0%	22.8xy	SP-100885	(SIPTO_SC)		
94	500036	Study on Non-MTC Mobile Data Applications impacts	Rel-11	S1	No	FS_MODAI	16/12/2010	16/09/2011	0%	22.801	SP-100889	ns (FS_CNO)		
95	500037	Study on System Enhancements for Energy Efficiency	Rel-11	S2	No	FS_SEEE	16/12/2010	15/12/2011	0%	23.8xy	SP-100888	ent solutions		
96	490006	Study on Solutions for GSM/EDGE BTS Energy Saving	Rel-11	G1,G2	No	FS_Energy_BTS	03/09/2010	02/09/2011	5%	45.8xy	GP-101638	approved SID		
97	470014	Study on Coordinated Multi-Point operation for LTE	Rel-11	R1,R2,R3	No	FS_CoMP_LTE	10/12/2010	15/09/2011	0%	LTE 36.8xx	RP-101425	r until RP#50.		
98	500002	Study on UE Application Layer Data Throughput Performance	Rel-11	R5,R4	No	FS_UE_App_Data_P	10/12/2010	15/09/2011	0%	LTE, UTRA 37.901	RP-101422	LTE, UTRA		
99	500014	Study on Uplink MIMO	Rel-11	R1	No	FS_UTRA_UL_MIMC	10/12/2010	15/09/2011	0%	UTRA 25.8xy	RP-101432	UTRA		
100	500015	Study on HSDPA Multipoint Transmission	Rel-11	R1,R2,R3	No	FS_HSDPA_MP_TX	10/12/2010	15/09/2011	0%	UTRA 25.8xy	RP-101439	UTRA		
101	500016	Study on Inclusion of RF Pattern Matching as a positioning meth	Rel-11	R4	No	FS_LCS_RFPM_LTE	10/12/2010	16/12/2011	0%	LTE 36.8xy	RP-101445	LTE		
102	0	Release 10 Features	Rel-10	IP,RP,SP	No	-	11/12/2008	30/07/2012	15%	-	-	-		
103	390073	Enhancements for Multimedia Priority Service	Rel-10	C4,C3,C1	No	eMPS	13/03/2006	18/03/2011	94%	-	SP-080051	UID_340044)		
114	410030	Network Improvements for Machine-Type Communications	Rel-10	S2,R2,R3	No	NIMTC	18/09/2008	18/03/2011	79%	-	SP-100863	W) TR 22.868		
125	430035	Multi Access PDN Connectivity	Rel-10	S2,C1	No	MAPCON	13/03/2009	18/03/2011	80%	-	SP-090659	sion control)		
131	440052	IMS Service Continuity – Inter Device Transfer enhancements	Rel-10	S1,S2,C1	No	IMS_SC_eIDT	04/06/2009	18/03/2011	91%	-	SP-090452	ents for IDT.		
135	450030	IP-Short-Message-Gateway enhancements for CPM-SMS Interwo	Rel-10	S1,S2,C3	No	CPM-SMS	24/09/2009	17/09/2010	100%	-	SP-090615	th OMA CPM		
139	450033	Completion of Communications on Not Logged-in	Rel-10	S1,C1,C3	No	CCNL	24/09/2009	18/03/2011	85%	-	SP-090493	1 completed		
143	450035	Local IP Access and Selected Internet IP Traffic Offload	Rel-10	S5,C4,C1	No	LIPA_SIPTO	24/09/2009	23/03/2011	82%	-	SP-100696	deB/eNodeB		
157	450041	IP Flow Mobility and seamless WLAN offload	Rel-10	S5,C1,C3	No	IFOM	24/09/2009	23/03/2011	62%	-	SP-100089	ility - MAPIM)		
164	450044	Enabling Coder Selection and Rate Adaptation for UTRAN and E-	Rel-10	C4,C3,C1	No	ECSRA_LAA	24/09/2009	23/03/2011	73%	UTRA, LTE	SP-100467	ition for LTE		
173	450053	Extended H(e)NB features	Rel-10	S1,S2,S3	No	EHNBF	11/12/2008	23/09/2010	100%	UTRA, LTE	SP-100407	deB (EHNBF)		
177	460028	Optimal Media Routeing	Rel-10	C3,C1,C4	No	OMR	25/03/2010	23/03/2011	22%	-	SP-090803	al breakout)		
184	470026	IMS Emergency Session Enhancements	Rel-10	S2,S1	No	IESE	25/03/2010	18/03/2011	90%	-	SP-100170	quirements)		
188	480011	User Data Convergence - Data Model	Rel-10	S1,C4	No	UDC_DM	25/03/2010	18/03/2011	16%	-	CP-100609	1 completed		
192	480037	S2b Mobility based on GTP	Rel-10	C4,C3,C1	No	SMOG	10/06/2010	18/03/2011	93%	-	SP-100357	(AIPN-SAE)		
198	500006	Policy Enhancements for Sponsored Connectivity and Coherent	Rel-10	S2,C3	No	PEST	12/10/2010	18/03/2011	65%	-	SP-100702	riminal user.		
201	470029	Lawful Interception in the 3GPP Rel-10	Rel-10	S3	No	LI10	25/03/2010	23/03/2011	70%	33.106 (LI require	SP-100108	nhancements		
202	470033	Optimization of IMS based PSS and MBMS User Service	Rel-10	S4	No	OPT_IMS_PSS_MB	25/03/2010	23/03/2011	45%	26.237	SP-100031	MS_US_EXT		
203	470034	HTTP-based Streaming and Download Services	Rel-10	S4	No	HTTP_SDS	25/03/2010	23/03/2011	40%	26.234, 26.244, 26	SP-100032	IS extensions		
204	480040	PSS and MBMS enhancements	Rel-10	S4	No	MBS_Enh	10/06/2010	23/03/2011	40%	26.234, 26.346	SP-100305	A-MBS_Ext).		
205	480041	Enhancements and Addition of Audio Tests to 26.131 and 26.132	Rel-10	S4	No	EAAT	10/06/2010	23/03/2011	25%	26.131, 26.132	SP-100306	ies in charge)		
206	460031	OAM&P 10	Rel-10	S5	No	OAM10	10/12/2009	23/03/2011	56%	-	SP-100646	relia Feature		
222	470044	Charging Management small Enhancements	Rel-10	S5	No	CH10	04/06/2009	23/03/2011	66%	-	SP-100646	relia Feature		
225	470046	Advice of Charge (AoC) service support enhancements	Rel-10	S5,C1	No	eAoC	25/03/2010	23/03/2011	63%	-	SP-100080	age 2/3 work		
228	470003	IMS Stage 3 - IETF Protocol Alignment	Rel-10	C1	No	IMSProtoc4	19/03/2010	18/03/2011	70%	23.218, 24.229, 24	CP-100099	system or not		
229	480012	Enhanced User Data Convergence (UDC) Model	Rel-10	C4	No	eUDC	04/06/2010	18/03/2011	5%	29.335	CP-100295	ss operations		
230	480014	Further improvements of II-NNI Stage 3 based on operational fee	Rel-10	C3	No	II-NNI2	04/06/2010	18/03/2011	55%	29.165	CP-100326	urface (II-NNI)		
231	480013	AT Commands for IMS-configuration	Rel-10	C1	No	AT_IMS	04/06/2010	18/03/2011	80%	27.007	CP-100376	it to end-user		
232	490011	AT Commands for USIM Application Toolkit (USAT)	Rel-10	C1	No	AT_UICC	17/09/2010	18/03/2011	0%	27.007	CP-100646	-		
233	500008	USAT using AT Commands	Rel-10	C6	No	USAT_AT	10/12/2010	18/03/2011	0%	Stage 3 31.102, 31	CP-100884	Feature UID_		
234	490012	Communication Control for IMS by USIM (Stage 3)	Rel-10	C6	No	CC_IMS_USIM	17/09/2010	18/03/2011	75%	31.102, 31.103, 31	CP-100647	.102, 31.111)		
235	500007	Introduction of Smart Card Web Server launch functionality	Rel-10	C6	No	SCWS_L	10/12/2010	18/03/2011	0%	31.102	CP-100883	imple manner		
236	500026	Single Radio Video Call Continuity for 3G-CS	Rel-10	S2	No	vSRVCC	15/10/2010	18/03/2011	0%	-	SP-100704	in TR 23.886		
238	500010	SRVCC enhancements (Stage 3)	Rel-10	C1,C4	No	eSRVCC	10/12/2010	18/03/2011	38%	Stage 3	CP-100881	UID_440049		

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241	500011	SRVCC in alerting phase (Stage 3)	Rel-10	C1	No	aSRVCC	03/01/2000	07/04/2000	65%	24.008, 24.237	CP-100839	6.3.2.1.7a/b)		
242	500012	PCRF failure and restoration	Rel-10	C4,C3	No	PCRF_FR	10/12/2010	18/03/2011	6%	Stage 2/3 work	CP-100703	UID_450013		
245	500003	Dynamic view of SIP message for II-NNI (Stage 3)	Rel-10	C3	No	NNI_DV	10/12/2010	18/03/2011	10%	29.165	CP-100795	ions (II-NNI2)		
246	380077	1.28 Mcps TDD Repeater	Rel-10	R4	No	RANimp-Repeaters1.	04/12/2007	19/03/2010	100%	UTRA 25.113, new	RP-071003	47 completed		
247	450019	1.28 Mcps TDD Multi-carrier HSUPA	Rel-10	R2,R3,R4	No	TDD_MC_HSUPA	18/09/2009	10/12/2010	100%	UTRA 25.102, 25.1	RP-090990	50 completed		
248	460014	1.28 Mcps TDD Home NodeB RF requirements	Rel-10	R4	No	HNB_LCRTDD_RF	04/12/2009	10/12/2010	100%	UTRA	RP-100607	(TR 25.866)		
251	450016	UE Over The Air (Antenna) conformance testing methodology - L	Rel-10	R4	No	UEAnt_FSTest	18/09/2009	16/09/2011	55%	UTRA 25.144, 25.1	RP-090778	-		
252	450027	AGNSS Minimum Performance for UTRAN	Rel-10	R4,R5	No	AGNSSPerf_UTRAN	18/09/2009	18/03/2011	92%	UTRA	RP-100363	Procedures		
255	460005	Inclusion of "RF Pattern Matching Technologies" as positioning	Rel-10	R2,R3	No	LCS_UMTS_RFPMT	04/12/2009	18/03/2011	90%	UTRA	RP-091427	RAN (25.907)		
257	460015	Four carrier HSDPA	Rel-10	R2,R3,R4	No	4C_HSDPA	04/12/2009	17/06/2011	53%	UTRA	RP-100991	-		
260	470012	Multi-User Multiple-Input and Multiple-Output (MU-MIMO) for 1.28	Rel-10	R2,R3,R4	No	MUMIMO_LCR_TDD	19/03/2010	03/06/2011	38%	UTRA	RP-100347	-		
263	470013	Performance Requirements for two-antenna 1.28Mcps TDD Type	Rel-10	R4	No	2ant_UE_LCR_TDD	19/03/2010	18/03/2011	67%	UTRA	RP-100168	Stage 3		
266	480020	Automatic Neighbour Relation (ANR) for UTRAN	Rel-10	R3,R2	No	ANR_UTRAN	04/06/2010	18/03/2011	55%	UTRA	RP-100688	ations (NRs)		
268	480021	Support of New Band Combinations for Dual-Band Dual Cell HSE	Rel-10	R4,R2	No	DB_DC_HSDPA	04/06/2010	18/03/2011	49%	UTRA	RP-100657	V (Region 2)		
271	480022	MIMO operation with non-MIMO coexistence in HSDPA	Rel-10	R4	No	MIMO_HSDPA	04/06/2010	17/06/2011	60%	UTRA	RP-100993	ie in HSDPA)		
274	490022	Interfrequency detected set measurements for UMTS	Rel-10	R2,R4	No	Interf_dset_meas_UM	17/09/2010	10/12/2010	100%	UTRA 25.133, 25.1	RP-101015	50 completed		
275	460007	Carrier Aggregation for LTE	Rel-10	R2,R3,R4	No	LTE_CA	04/12/2009	16/06/2011	50%	LTE	RP-100661	.912, 36. 814		
278	460008	Enhanced Downlink Multiple Antenna Transmission for LTE	Rel-10	R1,R2,R4	No	LTE_eDL_MIMO	04/12/2009	16/06/2011	49%	LTE	RP-100196	.912, 36. 814		
281	460009	Uplink Multiple Antenna Transmission for LTE	Rel-10	R1,R2,R4	No	LTE_UL_MIMO	04/12/2009	16/06/2011	52%	LTE	RP-100959	.912, 36. 814		
284	460010	Fixed Wireless Customer-Premises Equipment (CPE) RF Require	Rel-10	R4,R5	No	FW_CPE_RF	04/12/2009	17/06/2011	23%	LTE	RP-091432	utput power		
287	460013	Relays for LTE	Rel-10	R2,R4,S3	No	LTE_Relay	04/12/2009	16/09/2011	32%	LTE	RP-101417	until 03/2011		
288	460113	Core part: Relays for LTE	Rel-10	R1,R2,R4	No	LTE_Relay-Core	04/12/2009	17/06/2011	65%	36.133, 36.201, 36	RP-101417	.116, 36.826)		
289	460213	Perf. part: Relays for LTE	Rel-10	R4	No	LTE_Relay-Perf	04/12/2009	16/09/2011	5%	36.133, new TS 36	RP-101417	w TS 36.117)		
290	500038	TR on LTE Relay Nodes Security	Rel-10	S3	No	LTE_Relay-Sec	16/12/2010	23/03/2011	60%	33.816	SP-100733	in SP-100874		
291	500038	Security for LTE Relay Nodes (Stage 2)	Rel-10	S3	No	LTE_Relay-Sec	16/12/2010	23/03/2011	0%	33.401, CT1 24.30	SP-100733	in SP-100874		
292	470007	Enhanced Inter-Cell Interference Control (ICIC) for non-Carrier Ag	Rel-10	R2,R3,R4	No	eICIC_LTE	19/03/2010	17/06/2011	44%	LTE	RP-100383	3.912, 36.814		
295	470008	LTE TDD in 2600MHz for US	Rel-10	R2,R3,R5	No	LTE_TDD_2600_US	19/03/2010	10/12/2010	99%	LTE	RP-101003	>RP-101003		
299	470009	Adding 2 GHz band LTE for Ancillary Terrestrial Component (ATC	Rel-10	R2,R4	No	S_Band_LTE_ATC_	19/03/2010	17/06/2011	41%	LTE	RP-101401	Stage 3		
302	470010	Adding L-Band LTE for Ancillary Terrestrial Component (ATC) of	Rel-10	R4,R2	No	L_Band_LTE_ATC_	19/03/2010	17/06/2011	46%	LTE	RP-101284	ightSquared		
305	470011	LTE Self Optimizing Networks (SON) enhancements	Rel-10	R3,R2,R4	No	SONenh_LTE	19/03/2010	18/03/2011	80%	LTE	RP-101004	. Stage 1,2,3		
307	480023	LTE-Advanced Carrier Aggregation of Band 3 and Band 7	Rel-10	R4	No	LTE_CA_B3_B7	10/12/2010	16/12/2011	0%	LTE	RP-100668	combination		
310	480026	Service continuity in connected mode and location information f	Rel-10	R2,R3	No	MBMS_LTE_SC	04/06/2010	17/06/2011	0%	LTE	RP-100690	d until 03/11		
312	480027	Further enhancements to MBMS for LTE	Rel-10	R2,R3	No	MBMS_LTE_enh	04/06/2010	18/03/2011	80%	LTE	RP-101244	n Objectives		
314	380173	UMTS/LTE 3500 MHz	Rel-10	R2,R3,R5	No	RInImp8-UMTSLTE3	30/11/2007	16/09/2011	31%	UTRA, LTE	RP-091380	-		
318	460003	Minimization of Drive Tests for E-UTRAN and UTRAN	Rel-10	R2,R4,R3	No	MDT_UMTSLTE	04/12/2009	18/03/2011	85%	UTRA, LTE	RP-100360	ests in NGN)		
320	470005	HNB and HeNB Mobility Enhancements	Rel-10	R3,R2	No	HNB_HENB_mob_er	19/03/2010	10/12/2010	100%	UTRA, LTE	RP-101426	is minimized		
322	480024	Expanded 1900 MHz Band for UTRA and LTE	Rel-10	R4,R2	No	E1900	04/06/2010	18/03/2011	20%	UTRA, LTE	RP-100676	C allocation)		
325	480025	Multi-standard radio Base Station RF requirements for non-conti	Rel-10	R4,G1	No	MSR_NC	04/06/2010	16/09/2011	21%	UTRA, LTE, GER/	RP-101402	s allocation)		
329	500020	Extending 850 MHz Upper Band (814 – 849 MHz)	Rel-10	R4,R2,R3	No	e850_UB	10/12/2010	18/03/2011	0%	UTRA	RP-101433	UID_440016)		
332	430001	Local Call Local Switch	Rel-10	R4,GP,G2	No	LCLS	07/05/2007	20/05/2011	80%	GERA Stage 2/3	GP-101989	=>GP-101989		
333	430101	Local Call Local Switch	Rel-10	GP,G2	No	LCLS	07/05/2007	20/05/2011	80%	Stage 3: 48.008, 4i	GP-101989	VID approved		
334	440021	CN aspects of Local Call Local Switch	Rel-10	C4	No	LCLS-CN	29/05/2009	18/03/2011	95%	Stage 2/3	CP-100867	=>CP-100867		
335	440022	TR on CN aspects of Local Call Local Switch	Rel-10	C4	No	LCLS-CN	29/05/2009	17/09/2010	100%	new TR 23.889	CP-100867	49 completed		

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336	490013	CN aspects of Local Call Local Switch	Rel-10	C4	No	LCLS-CN	17/09/2010	18/03/2011	55%	23.003, 23.205, 23	CP-100867	or Information		
337	440023	<i>Deleted - CT3 aspects of Local Call Local Switch</i>	Rel-10	C3	No	LCLS-CN	29/05/2009	17/09/2010	100%	-	CP-090812	ion impact		
338	440024	<i>Deleted - CT1 aspects of Local Call Local Switch</i>	Rel-10	C1	No	LCLS-CN	29/05/2009	17/09/2010	100%	-	CP-090812	ion impact		
339	480002	Tightened Link Level Performance Requirements for Single Ante	Rel-10	1,G3new	No	TIGHTER	03/09/2010	02/09/2011	7%	GERA	GP-101083	al efficiency)		
343	490001	Support of Multi-Operator Core Network by GERAN	Rel-10	32,S2,C1	No	MOCN-GERAN	21/05/2010	04/03/2011	98%	GERA	GP-101443	ing method.		
347	490002	Enhancements of lur-g interface	Rel-10	G2,R3	No	elurg	03/09/2010	17/06/2011	31%	GERA,UTRA	GP-101758	proved WID		
350	440044	(Small) Technical Enhancements and Improvements for Rel-10	Rel-10	All	No	TEI10	04/06/2009	17/03/2011	60%	-	not applicable	-		
351	350014	<i>Deleted - Registration in Densely-populated area (RED)</i>	Rel-10	S1	No	RED	12/03/2007	24/09/2009	100%	WID identifies also	SP-070133	d/abandoned		
354	380062	<i>Deleted - Network Selection for non-3GPP Access</i>	Rel-10	S1,C6	No	N3GtoNSP	07/12/2007	24/09/2009	100%	-	SP-070874	d/abandoned		
357	420025	<i>Deleted - GTP-based S8 chaining</i>	Rel-10	S2	No	GTPchaining	11/12/2008	25/03/2010	100%	-	SP-080798	!.011, 22.246		
359	430017	<i>Deleted - UTRAN 2 ms TTI uplink range improvement</i>	Rel-10	R2,R3,R4	No	RANimp-2mTTI_ULin	06/03/2009	19/03/2010	100%	25.133, 25.212, 25	RP-090333	erval) to 2 ms		
360	440043	<i>Deleted - Enhanced Home NodeB / eNodeB continuation of Rel-9</i>	Rel-10	S2	No	eHNb	11/12/2008	25/03/2010	100%	-	not applicable	lome NodeB)		
361	470006	<i>Deleted - Enhanced Interference Management for Home NodeBs</i>	Rel-10	R3	No	HNB_IM	19/03/2010	17/09/2010	100%	UTRA	RP-100392	3-aware UEs		
363	460012	<i>Deleted - Latency reductions for LTE</i>	Rel-10	R2,R1	No	LTE_LATRED	04/12/2009	10/12/2010	100%	LTE	RP-091449	(RP-101266)		
365	0	Release 10 Studies	Rel-10	IP,RP,SP	No	-	12/03/2009	23/03/2011	80%	-	-	-		
366	370045	Study on enhanced voice service requirements for the Evolved P	Rel-10	S1,S4	No	FS_EV_EPS	03/09/2007	25/03/2010	100%	22.813	SP-070698	oice Services		
369	380083	Study on advanced requirements for IP interconnect	Rel-10	S1	No	FS_IPXS	04/12/2007	10/12/2009	100%	22.893	SP-070878	in of Services		
370	410039	Study on Personal Broadcast Service	Rel-10	S1	No	FS_PBS	18/09/2008	25/03/2010	100%	22.947	SP-080504	47 completed		
371	410040	Study on LCS support in SAE for non-3GPP accesses	Rel-10	S1	No	FS_LCS_n3GPP	18/09/2008	25/03/2010	100%	22.814	SP-080648	47 completed		
372	430030	Study on Haptic Services	Rel-10	S1	No	FS_Haptics	12/03/2009	25/03/2010	100%	22.987	SP-090664	ditory senses		
373	370050	Study on System enhancements for the use of IMS services in Lc	Rel-10	S2	No	FS_IMS_LBO_ORM	01/10/2007	10/12/2009	100%	23.894	SP-080556	UID_360011		
374	390055	Study on Intra Domain Connection of RAN Nodes to Multiple CN	Rel-10	S2	No	FS_IDC	12/03/2008	25/03/2010	100%	23.924 (was 23.82	SP-080094	ked to 23.236		
375	410041	Study on IMS Evolution	Rel-10	S2	No	FS_eIMS	18/09/2008	23/03/2011	80%	23.812	SP-100360	12/10=>03/11		
376	410042	<i>Deleted - Study on enhancements to IMS border functions for IMS Interconnection of services</i>	Rel-10	S2	No	FS_eIMS_IBCF	18/09/2008	15/12/2010	100%	23.848	SP-090809	rvices (AIPX)		
377	410043	Study on Multi Access PDN connectivity and IP flow Mobility	Rel-10	S2,S1	No	FS_MAPIM	18/09/2008	23/03/2011	75%	23.861	SP-080560	450041 IFOM		
378	440047	Study on Policy solutions and enhancements	Rel-10	S2,S1	No	FS_PP	04/06/2009	23/03/2011	75%	23.813	SP-090895	12/10=>03/11		
379	440048	Study on IPv6 Migration	Rel-10	S2	No	FS_IP6M	04/06/2009	23/03/2011	80%	23.975	SP-090362	nd terminals.		
380	440049	Study on Single Radio Voice Call Continuity enhancements	Rel-10	S2	No	FS_eSRVCC	04/06/2009	23/09/2010	100%	23.856	SP-090363	RAN/GERAN		
381	460030	Study on Single Radio Voice Call Continuity from UTRAN/GERAN	Rel-10	S2	No	FS_rSRVCC	10/12/2009	23/03/2011	70%	23.885	SP-090806	RAN/UTRAN)		
382	470048	Study on Single Radio Video Call Continuity for 3G-CS	Rel-10	S2	No	FS_vSRVCC	25/03/2010	23/09/2010	100%	23.886	SP-100168	terminal user		
383	470049	Study on S2b Mobility based on GTP	Rel-10	S2	No	FS_SMOG	25/03/2010	10/06/2010	100%	23.834	SP-100169	2.278,22.101		
384	380084	Study on UTRAN key management enhancements	Rel-10	S3	No	FS_UKM	20/12/2007	23/03/2011	80%	33.859	SP-090283	12/10=>03/11		
385	480043	Study on Extended IMS Media Plane Security features	Rel-10	S3	No	FS_eMEDIASEC	10/06/2010	23/03/2011	40%	33.8xy	SP-100256	id TS 33.328.		
386	480048	Study on Single Sign On (SSO) Application Security for IMS - bas	Rel-10	S3	No	FS_SSO_APS	10/06/2010	23/03/2011	50%	33.914	SP-100639	o applications		
387	430040	Study on Surround Sound codec extension for PSS and MBMS	Rel-10	S4	No	FS_SS_PSS_MBMS	12/03/2009	23/03/2011	85%	26.950	SP-090019	3d Mobile TV)		
388	480044	Study on Improved Video Coding Support	Rel-10	S4	No	FS_IVCS	10/06/2010	23/03/2011	50%	26.904	SP-100304	UID_430039)		
389	410044	Study on Rc Reference Point Functionalities and Message Flows	Rel-10	S5	No	FS_OAM_Rc	18/09/2008	25/03/2010	100%	32.825	SP-080464	47 completed		
390	430044	Study on Telecommunication Management; Energy Savings Man	Rel-10	S5	No	FS_OAM_ESM	12/03/2009	25/03/2010	100%	32.826	SP-090048	tworks (SON)		
391	440069	Study on Integration of Device Management Information with Itf-I	Rel-10	S5	No	FS_IDMI_Itf-N	04/06/2009	25/03/2010	100%	32.827	SP-100088	measurements		
392	460037	Study on Alignment of 3GPP Generic NRM IRP and TMF Shared I	Rel-10	S5	No	FS_3GNRM_TMF_SIC	10/12/2009	23/03/2011	85%	32.828	SP-090759	or Information		
393	460038	Study on Harmonization of 3GPP Alarm IRP and TMF Interface P	Rel-10	S5	No	FS_3G_TMF_FM	10/12/2009	23/03/2011	81%	32.829	SP-090760	or Information		
394	470050	Study on version handling	Rel-10	S5	No	FS_OAM_VH	25/03/2010	23/03/2011	55%	32.830	SP-100082	or Information		
395	480045	Study on Alarm Correlation and Alarm Root Cause Analysis	Rel-10	S5	No	FS_AC_ARCA	10/06/2010	23/03/2011	55%	32.832	SP-100775	or Information		

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396	480046	Study on Alignment of 3GPP PM IRP and TMF Interface Program	Rel-10	S5	No	FS_3G_TMF_PM	10/06/2010	23/03/2011	5%	32.831	SP-100291	since SP#49)		
397	480047	Study on Management of Converged Networks	Rel-10	S5	No	FS_ManCon	10/06/2010	23/03/2011	15%	32.833	SP-100377	-		
398	490039	Study on User Data Convergence (UDC) information model hand	Rel-10	S5	No	FS_UDC_AppUseCa	23/09/2010	23/03/2011	0%	32.9xy	SP-100502	since SP#49		
399	450013	Study on Policy and Charging Rules Function (PCRF) failure and	Rel-10	C3	No	FS_PCRF-FR	18/08/2009	17/09/2010	100%	29.816	CP-090861	intation work)		
400	480015	Study on impacts on UE-Core Network signalling from Energy Sa	Rel-10	C1	No	FS_UE-CN_ES	04/06/2010	18/03/2011	50%	24.826	CP-100330	ergy_UMTS)		
401	480016	Study on User Data Convergence (UDC) evolution	Rel-10	C4	No	FS_UDCe	04/06/2010	18/03/2011	30%	23.845	CP-100296	C Data Model		
402	480017	Study on UICC access to IMS	Rel-10	C6	No	FS_IMS-UICC	04/06/2010	18/03/2011	75%	31.828	CP-100424	or Information		
403	490014	Study on EPC Nodes Restoration	Rel-10	C4	No	FS_EPC_NR	17/09/2010	18/03/2011	60%	23.857	CP-100700	oad solutions		
404	450014	Study on Uplink Tx Diversity for HSPA	Rel-10	R4	No	FS_UL-TxDiv-HSPA	18/08/2009	04/06/2010	100%	UTRA 25.863	RP-090987	48 completed		
405	460016	Study on Solutions for Energy Saving within UTRA Node B	Rel-10	R1,R3	No	FS_Energy_UMTS	04/12/2009	17/09/2010	100%	UTRA 25.927	RP-091439	: TS 102 706.		
406	470016	Study on Improvements of distributed antenna for 1.28Mcps TDC	Rel-10	R1,R2,R3	No	FS_distr_ant_LCR_TI	05/03/2010	10/12/2010	100%	UTRA 25.865	RP-100178	for Approval		
407	470015	Study on Network Energy Saving for E-UTRAN	Rel-10	R3,R2	No	FS_Energy_LTE	02/02/2010	18/03/2011	70%	LTE 36.927	RP-100674	or Information		
408	480028	Study on Signalling and procedure for interference avoidance fo	Rel-10	R2,R4	No	FS_SPIA_IDC	04/06/2010	18/03/2011	60%	LTE 36.816	RP-100671	it frequencies		
409	430020	Study on Measurement of Radiated Performance for MIMO and n	Rel-10	R4	No	FS_HSPA_LTE_mea	06/03/2009	18/03/2011	60%	UTRA, LTE 37.97E	RP-090352	12/10=>03/11		
410	440016	Study on Extending 850 MHz	Rel-10	R4	No	FS_e850	30/05/2009	10/06/2011	55%	UTRA, LTE TR 37.	RP-090666	12/10=>06/11		
411	450015	Study on RAN improvements for Machine-Type Communications	Rel-10	R1,R3,R4	No	FS_NIMTC_RAN	18/09/2009	18/03/2011	40%	UTRA, LTE 37.86E	RP-100330	ions (NIMTC)		
412	460001	Study on GERAN improvements for Machine-Type Communicati	Rel-10	G1,G2	No	FS_NIMTC_GERAN	24/05/2010	02/09/2011	15%	GERA 43.868	GP-092418	approved SID		
413	480003	Study on Signal Precoding enhancements for EGPRS2 DL	Rel-10	G1,G2	No	FS_SPEED	03/09/2010	04/03/2011	40%	GERA 45.860	GP-101088	ral efficiency)		
414	400037	Deleted - Study on Unauthenticated PS Emergency Calls	Rel-10	S1	No	FS_UAPSEC	05/06/2008	25/03/2010	100%	22.984	SP-080320	d/abandoned		
415	440050	Deleted - Study on EPC Charging enhancement	Rel-10	S5	No	FS_EPCcharg	04/06/2009	25/03/2010	100%	-	SP-090318	ing for IFOM		
416	450012	Deleted - Study on Interworking Proxy between GTP based and PMIP based interfaces	Rel-10	C4	No	FS_GTP-MIP-IW	18/09/2009	04/06/2010	100%	29.875	CP-090517	d/abandoned		
417	0	Release 9 Features	Rel-9	P,RP,SP	No	-	05/06/2008	05/06/2008	100%	-	-	-		
418	400035	Enhanced Home NodeB / eNodeB	Rel-9	R3,R4,GP	No	EHNB	05/06/2008	16/12/2011	89%	UTRA, LTE	SP-090214	ing ongoing		
434	370026	Value-Added Services for Short Message Service	Rel-9	S1,C4,C1	No	VAS4SMS	10/09/2007	04/12/2009	100%	-	SP-070572	6 completed		
438	370027	Definition of End-User Identity	Rel-9	S1	No	EUI	03/09/2007	11/12/2008	100%	-	SP-090380	ion in 21.905)		
440	380067	Customized Ringing Signal	Rel-9	S1,C1	No	CRS	06/12/2007	04/06/2010	100%	-	SP-080502	8 completed		
443	380057	Public Warning System	Rel-9	C1,C4,R2	No	PWS	06/12/2007	04/12/2009	100%	GERA, UTRA, LTI	SP-070876	25 (FS_PWS)		
449	400031	Support of Personal Area Networks and Enhancements to Person	Rel-9	S1,C1	No	PAN_EPNM	05/06/2008	04/06/2010	100%	-	SP-080430	8 completed		
453	400032	Multi-Media Telephony Service enhancements	Rel-9	S1,S5,C1	No	eMMTel	05/06/2008	25/03/2010	100%	-	SP-080503	7 completed		
458	400034	User Data Convergence (UDC)	Rel-9	S1,S5,C4	No	UDC	05/06/2008	10/06/2010	100%	-	SP-080448	6) TR 32.808		
465	410032	IMS Services Centralization and Continuity	Rel-9	S1,S2,C1	No	IMS_SCC	18/09/2008	19/03/2010	100%	-	SP-080633	7 completed		
472	420020	Service Specific Access Control in EPS	Rel-9	S1,C1	No	SSAC	11/12/2008	19/03/2010	100%	-	SP-080882	(FS_SSAC)		
475	380064	Support for IMS Emergency Calls over GPRS and EPS	Rel-9	R2,R3,R5	No	IMS_EMER_GPRS_E	14/01/2008	18/03/2011	94%	GERA, LTE	SP-080844	8 completed		
492	430006	LCS for LTE and EPS	Rel-9	R3,R4,R5	No	LCS_LTE_EPS	05/06/2008	16/09/2011	89%	LTE	SP-090214	not applicable	est ongoing	
499	400039	MBMS support in EPS	Rel-9	R2,R3,R4	No	MBMS_EPS	05/06/2008	16/03/2012	79%	LTE	SP-080737	6 completed		
507	420024	Access Network Discovery and Selection Function enhancement	Rel-9	S2,C1	No	eANDSF	11/12/2008	19/03/2010	100%	22.278, SA3 33.40	SP-080887	ered in Rel-8		
510	430034	Multiple PDN Connection to the Same APN for PMIP-based Interf.	Rel-9	S2,C4,C1	No	MUPSAP	13/03/2009	19/03/2010	100%	-	SP-090098	quirements)		
514	450049	System aspects of vocoder rate adaptation for LTE	Rel-9	S2,S4,R2	No	LTEimp-Vocoder	30/05/2009	10/12/2009	100%	LTE	SP-090653	ition for LTE		
518	33025	Access Security Enhancements	Rel-9	S3	No	ACCSEC2	02/07/2007	04/06/2009	100%	33.102, 43.020	SP-040865	RAN security)		
519	410027	Protection against Unsolicited Communication for IMS (PUCI)	Rel-9	S3,S1	No	PUCI	18/09/2008	10/12/2009	100%	-	SP-080482	nt Screening		
522	430036	IMS Media Plane Security	Rel-9	C1,C4,C3	No	MEDIASEC	13/03/2009	04/06/2010	100%	-	SP-090128	8 completed		
528	440053	GBAPush enhancements (Generic push layer)	Rel-9	S3	No	eGBAPush	12/03/2008	25/03/2010	100%	new 33.224	SP-090282	7 completed		
530	440054	Extended Identity Management	Rel-9	S3	No	GBA-IdM	04/06/2009	10/12/2009	100%	new 33.924, CT4 2	SP-090284	is analogous)		

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531	440056	Network Domain Security (NDS) enhancements to support backh	Rel-9	S3,C4	No	NDS_Backhaul	04/06/2009	25/03/2010	100%	-	SP-090286	(N backhaul)		
534	440057	128 bit encryption for GSM and GPRS	Rel-9	2,G3new	No	A5/4-GEA4	04/06/2009	10/12/2009	100%	-	SP-090287	+ Test spec)		
541	420027	Timed Graphics	Rel-9	S4	No	TG	11/12/2008	25/03/2010	100%	26.114, 26.140, 26	SP-080683	in TS 26.142)		
542	430037	Managing MTSI Media Adaptation	Rel-9	S4	No	M3A	12/03/2009	25/03/2010	100%	26.114	SP-090021	on conditions.		
543	440046	PSS and MBMS Aspects	Rel-9	S4	No	PMA	12/03/2009	25/03/2010	100%	-	SP-090261	Umbrella WI		
546	430046	IMS based PSS and MBMS User Service extensions	Rel-9	S4	No	IMS_PSS_MBMS_UE	12/03/2009	10/12/2009	100%	26.237	SP-090225	Interactions)		
547	440051	Syndicated Feed Reception within 3GPP environments	Rel-9	S4	No	SFR	04/06/2009	10/12/2009	100%	26.150	SP-090260	enabler DCD.		
548	450048	Distortion Measurement Test Methods and Requirements	Rel-9	S4	No	DTMR	24/09/2009	25/03/2010	100%	26.131, 26.132	SP-090575	47 completed		
549	420029	OAM&P 9	Rel-9	S5	No	OAM9	22/02/2008	10/06/2010	100%	TR 30.819	not applicable	ost OAM Wis		
563	440068	Charging Management small Enhancements	Rel-9	S5	No	CH9	04/06/2009	25/03/2010	100%	TR 30.819	not applicable	47 completed		
564	400008	CS-IBCF and CS-TrGW definition in 3GPP specifications	Rel-9	C3,C4	No	CS-IBCF	30/05/2008	19/03/2010	100%	-	CP-090073	2.101, 22.228		
567	410008	IMS – Interconnection Border Control Function (IBCF) – Transit	Rel-9	C4,C3	No	IMS_IBCF	12/09/2008	04/12/2009	100%	-	CP-090019	6 completed		
570	410009	IMS Application Level Gateway Control Function (ALGCF) – IMS	Rel-9	C4	No	IMS_AGCF	12/09/2008	04/12/2009	100%	new 23.334, 29.33	CP-090020	16 completed		
571	420016	Enhancements of IMS Customized Alerting Tone (CAT) Service	Rel-9	C1	No	eCAT	05/12/2008	04/06/2010	100%	-	CP-080796	e 1 in 22.182		
573	440017	Completion of IMS Restoration Procedures	Rel-9	S3, C4,C1	No	eIMS_RP	29/05/2009	19/03/2010	100%	-	CP-091050	Procedures		
577	440039	IMS Stage 3 - IETF Protocol Alignment	Rel-9	C1	No	IMSProtoc3	29/05/2009	19/03/2010	100%	23.218, 24.229, 24	CP-090491	47 completed		
578	440070	Operational description of the Inter-IMS Network to Network Inter	Rel-9	C3	No	II-NNI	29/05/2009	04/06/2010	100%	29.165	CP-090331	48 completed		
579	450005	Definition of MI interface for Control Plane LCS (Stage 3)	Rel-9	C1	No	EMC2	18/09/2009	19/03/2010	100%	24.229	CP-090746	3037 (23.167)		
580	450009	PCC enhancements	Rel-9	C3	No	PCC-Enh	18/09/2009	04/12/2009	100%	29.212, 29.213, 29	CP-090744	46 completed		
581	460004	3GPP IMS Conferencing Management Object (MO)	Rel-9	C1	No	IMS_ConfMO	03/12/2009	04/12/2009	100%	new 24.166	P#46 Report	DM-V1_2)		
582	470004	In Case of Emergency (ICE) Graphics	Rel-9	C6	No	ICE_Graphics	17/03/2010	19/03/2010	100%	31.102 CR#0433	CP-100178	ness on UICC		
583	410023	Rel-9 Improvements of the Radio Interface	Rel-9	RP,GP	No	RInImp9	12/09/2008	19/03/2010	100%	GERA, UTRA, LTI	not applicable	st Rel-9 Wis		
592	440006	Rel-9 Improvements of the Radio Interface - UE Conformance Test	Rel-9	R5	No	RInImp-UEConTest	19/05/2009	17/09/2010	100%	UTRA, LTE	not applicable	-		
597	450018	Conformance Test Aspects – SMS over IMS in E-UTRAN	Rel-9	R5	No	SMSoverIMS_UECor	18/09/2009	19/03/2010	100%	LTE 34.229-1, 34.2	RP-090959	47 completed		
598	430013	Rel-9 RAN improvements	Rel-9	RP	No	RANImp	06/03/2009	19/03/2010	100%	UTRA	not applicable	7 completed		
604	490025	Rel-9 RAN improvements - UE Conformance Testing	Rel-9	R5	No	-	17/09/2010	17/06/2011	25%	-	not applicable	-		
606	420007	LTE improvements	Rel-9	RP	No	LTEimp	06/03/2009	18/03/2011	79%	LTE	not applicable	-		
610	420011	Self-Organizing Networks (SON)	Rel-9	R3,R2	No	SON	06/03/2009	19/03/2010	100%	LTE 25.413, 36.30	RP-090162	47 completed		
611	38002	A-GNSS Performances and Testing Procedures	Rel-9	GP	No	AGNSSPTP	16/05/2008	04/03/2011	88%	-	GP-092342	for UTRAN)		
614	420002	Voice services over Adaptive Multi-user channels on One Slot	Rel-9	2,G3new	No	VAMOS	21/11/2008	02/03/2012	76%	-	GP-081949	ing-One-Slot		
620	440002	Cell Broadcast protocol Base Station Controller – Cell Broadcast	Rel-9	GP,C1	No	CEBRO	15/05/2009	19/03/2010	100%	-	GP-091022	ID approved		
623	440003	Hybrid Location	Rel-9	GP	No	HILT	18/05/2009	20/11/2009	100%	43.059, 48.071	GP-091075	nology=HILT)		
624	420099	(Small) Technical Enhancements and Improvements for Rel-9	Rel-9	All	No	TEI9	15/09/2008	10/12/2009	100%	-	not applicable	46 completed		
625	460002	Test - (Small) Technical Enhancements and Improvements for Re	Rel-9	S5,G3new	No	TEI9_Test	20/11/2009	24/12/2010	80%	-	not applicable	P#44 created		
626	330017	Services Alignment and Migration	Rel-9	S1	No	ServAI	06/12/2006	18/09/2008	100%	-	SP-070126	3 (FSServAI)		
628	380071	Deleted - Harmonization of Gq/Rx for Common IMS	Rel-9	S2	No	IMS_Comm_GqRx_H	14/01/2008	12/03/2009	100%	23.822, 23.203	SP-070822	g this activity		
629	380081	Deleted - Support of WiMAX - LTE Mobility	Rel-9	R2	No	WiMAX_LTE_Mobility	06/06/2008	25/12/2009	100%	36.306, 36.331, 36	RP-070511	agreed WID		
630	380082	Deleted - Support of WiMAX - UMTS Mobility	Rel-9	R2	No	WiMAX_UMTS_Mobii	06/06/2008	25/12/2009	100%	25.306, 25.331, 25	RP-070511	agreed WID		
631	380086	Deleted - Definition of 3GPP UICC services over the new high-speed interface	Rel-9	C6	No	UICCHS	19/03/2010	19/03/2010	100%	31.xyz	CP-070837	d/abandoned		
632	390040	Deleted - SAES Enhancements (non RAN aspects)	Rel-9	S2	No	SAES_Ph2	25/06/2007	08/12/2008	100%	-	-	agreed WID		
637	440071	Deleted - Lawful Interception in the 3GPP Rel-9	Rel-9	S3	No	LI9	04/06/2009	25/03/2010	100%	33.106, 33.107, 33	SP-090831	ved to Rel-10		
638	0	Release 9 Studies	Rel-9	S,P,RP,SP	No	-	05/06/2008	19/03/2010	100%	-	-	-		
639	400036	Study on Service Specific Access Control in EPS	Rel-9	S1	No	FS_SSAC	05/06/2008	11/12/2008	100%	22.986	SP-080319	0020 (SSAC)		

ID	Jnique_IC	Name	Release	Resource Names	Modific	Acronym	Start	Finish	% Complete	Impacted TSS and TRs	Hyperlink	Notes	Qtr 1, 2011	
													Nov	Jan
640	350052	Study on CS Domain Services over EPS access	Rel-9	S2	No	FS_CSoPS	25/04/2007	12/03/2009	100%	23.879	SP-080800	:S) UID_3208		
641	370043	Study on Extended Support of IMS Emergency Calls	Rel-9	S2	No	FS_IMS-eCall	24/09/2007	11/12/2008	100%	23.868	SP-070547	42 completed		
642	320031	Study on Service Continuity for Emergency Voice Calls	Rel-9	S2	No	FS_VCCEm	08/06/2006	12/03/2009	100%	23.826	SP-080555	43 completed		
643	370053	Study on Security Aspects of Remote Provisioning and Change c	Rel-9	S3,C6	No	FS_UM2M	06/04/2004	10/12/2009	100%	33.812	SP-070702	in TR 22.868.		
644	360006	Study on System Maintenance over Itf-N	Rel-9	S5	No	FS_OAM-Maint-Itf-N	07/06/2007	24/09/2009	100%	32.822	SP-070306	45 completed		
645	360007	Study on Self-Organizing Networks (SON) related OAM interfaces	Rel-9	S5	No	FS_OAM-SON-HNB	07/06/2007	04/06/2009	100%	32.821	SP-080461	UID_340036)		
646	390017	Study on Self-healing of Self-Organizing Networks (SON)	Rel-9	S5	No	FS_OAM-SON-SH	22/02/2008	24/09/2009	100%	32.823	SP-080076	UID_340036)		
647	400029	Study on Service Oriented Architecture (SOA) for IRP	Rel-9	S5	No	FS_OAM_SOA_IRP	05/06/2008	04/06/2009	100%	32.824	SP-080281	SOA) for IRP		
648	380079	Study on Evaluation of the inclusion of Path Loss Based Techno	Rel-9	R4	No	FS_RAN-Pathloss	17/12/2007	04/12/2009	100%	25.907	RP-071050	46 completed		
649	390031	Study on LTE-Advanced	Rel-9	R2,R3,R4	No	FS_RAN_LTEA	23/03/2007	19/03/2010	100%	36.913 , new 36.81	RP-091360	47 completed		
650	410016	Study on 1.28 Mcps TDD Home NodeB	Rel-9	R4	No	FS_RAN-HNBLCRTC	20/02/2008	04/12/2009	100%	25.866	RP-080767	46 completed		
651	420012	Study on E-UTRAN Mobility Evaluation and Enhancement	Rel-9	R1	No	FS_EUTRAN_mob	05/12/2008	29/05/2009	100%	none	RP-081137	TR needed)		
652	430021	Study on Minimization of drive-tests in Next Generation Network:	Rel-9	R2	No	FS_NGN_min_drive-t	06/03/2009	04/12/2009	100%	36.805	RP-090341	46 completed		
653	430027	Study on Enhanced Interference Management for HNBs	Rel-9	R4	No	FS_elnterfMgmt_HNE	06/03/2009	29/05/2009	100%	25.967	RP-090361	ms for HNBs		
654	440015	Study on Enhanced Interference Management Mechanisms for H	Rel-9	R3	No	FS_elnterfMgmtMchs	30/05/2009	18/09/2009	100%	25.967	RP-090667	ent for HNBs		
655	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	d/abandoned		
656	0	Release 8 Features	Rel-8	S,P,RP,SP	No	-	19/09/2006	19/03/2010	100%	-	-	-		
657	320005	3GPP System Architecture Evolution Specification - Evolved Pac	Rel-8	SP,CP	No	SAES	12/04/2006	17/06/2011	99%	-	SP-080132	n SP-060166		
747	450022	Conformance Test Aspects – Mobility management based on DS	Rel-8	R5	No	DSMPv6_UEConTes	18/09/2009	17/09/2010	100%	36.508, 36.523-1, ;	RP-090754	eature SAES		
748	370025	IMS Centralized Service Control (ICSRA)	Rel-8	C1,C3,C4	No	ICSRA	03/09/2007	06/03/2009	100%	-	SP-070924	6 completed		
756	370059	IMS Multimedia Telephony and Supplementary Services	Rel-8	C1,C3,C4	No	IMSTSS	02/05/2007	12/03/2009	100%	-	t applicable	3 completed		
776	390035	3GPP2 Input to Common IMS	Rel-8	C1,C3,C4	No	CIMS_3GPP2	07/03/2008	11/12/2008	100%	-	SP-080220	2 completed		
783	350005	IMS Enhancements for support of Packet Cable access	Rel-8	C1,C3,C4	No	PktCbl	06/12/2006	30/05/2008	100%	-	t applicable	0 completed		
795	360012	IMS System enhancements for corporate network access	Rel-8	S1,C1,C4	No	IMS_Corp	22/06/2007	19/03/2010	100%	-	SP-080095	7 completed		
800	380069	Maintenance of TISPAN documentation	Rel-8	C1,C3,C4	No	MAINTISP	02/07/2007	05/06/2008	100%	-	t applicable	0 completed		
806	390056	IMS Service Continuity	Rel-8	S2,S1,C1	No	IMS-Cont	12/03/2008	29/05/2009	100%	-	SP-080092	4 completed		
810	370078	Security Enhancements for IMS	Rel-8	S3,C1,C4	No	IMS-Sec	19/09/2006	06/03/2009	100%	-	SP-070496	3 completed		
816	34046	IMS initiated and controlled PSS and MBMS User Service	Rel-8	S2,C3,C4	No	IMS_PSS_MBMS_US	12/03/2008	12/03/2009	100%	26.237, 26.234, 26	SP-080201	VID approved		
817	713024	Multimedia interworking between IMS and CS networks	Rel-8	C3,C4	No	MIW-IMS	23/09/2005	05/12/2008	100%	-	CP-070729	2 completed		
822	360029	IMS Stage 3 IETF Protocol Alignment	Rel-8	C1	No	IMSProtoc2	22/06/2007	06/03/2009	100%	23.218, 24.229, 24	CP-080794	43 completed		
823	380014	Interworking between User-to-User Signalling (UUS) and SIP	Rel-8	C1,C3	No	UUSIW	30/11/2007	12/03/2009	100%	-	CP-070782	3 completed		
826	380018	Support of Overlap signalling	Rel-8	C3,C1,C4	No	Overlap	30/11/2007	06/03/2009	100%	-	CP-070731	3 completed		
830	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	CP-070784	7048 (MRFC)		
831	400012	IMS Restoration Procedures	Rel-8	C4,C1	No	IMS_RP	30/05/2008	06/03/2009	100%	-	CP-080447	UID_350018		
834	410003	IMS Application Server Service Data Descriptions for AS interope	Rel-8	C4	No	IMS_ASIO	12/09/2008	06/03/2009	100%	29.328, 29.329, 29	CP-080451	S IMS_ASIO)		
835	340030	I-WLAN Network Selection Principle (NSP)	Rel-8	S1,C1,C6	No	IWLANNSP	14/06/2007	06/03/2009	100%	-	SP-060932	3 completed		
839	370049	Mobility between 3GPP-WLAN Interworking and 3GPP Systems	Rel-8	S2,C1	No	IWLAN_Mob	14/09/2007	06/03/2009	100%	-	SP-070701	3 completed		
842	460006	Conformance Test Aspects – Mobility between 3GPP WLAN Inter	Rel-8	R5	No	IWLAN_Mob_UECon	04/12/2009	17/09/2010	100%	34.108, 34.123-1, ;	RP-091349	ems (24.327)		
843	7042	Enhancements for Voice Group Call Service (VGCS) Applications	Rel-8	C1,C4,G2	No	EVA	15/03/2006	18/09/2009	100%	-	SP-070904	5 completed		
849	31081	Personal Network Management	Rel-8	S1,C1,S3	No	PNM	11/07/2005	06/03/2009	100%	-	SP-080327	3 completed		
857	330005	eCall Data Transfer	Rel-8	S1,C1	No	EData	28/09/2006	06/03/2009	100%	-	SP-060678	Call_Phase2)		
860	34042	eCall data transfer Phase 2: Comparison of alternative in-band m	Rel-8	S4	No	eCall_Phase2	06/12/2007	24/09/2009	100%	26.267, 26.268, 26	SP-070756	0005 (EData)		
861	450001	eCall Conformance Testing	Rel-8	G3new	No	eCall_MSTest	04/09/2009	03/09/2010	100%	51.010-1, 51.010-2	GP-091098	UID_330005)		

ID	Jnique_IC	Name	Release	Resource Names	Modific	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	Notes	Qtr 1, 2011	
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862	450023	Conformance Test Aspects – non-modem procedures of eCall se	Rel-8	R5	No	UMTS_eCall_UECon	18/09/2009	04/06/2010	100%	34.108, 34.123-1, ;	RP-090952	UID_330005		
863	380060	IP Interconnection of Services	Rel-8	S2,S5,C3	No	IPinterc	16/08/2006	06/03/2009	100%	-	SP-080565	3 completed		
871	360025	Support of (G)MSC-S – (G)MSC-S Nc Interface based on the SIP-I	Rel-8	C4,C3	No	SIP_Nc	14/09/2007	06/03/2009	100%	-	CP-080282	=>CP-080282		
876	370051	Earthquake and Tsunami Warning System	Rel-8	C1,C4,G2	No	ETWS	10/09/2007	15/05/2009	100%	-	SP-070815	oved to Rel-9		
882	440011	Conformance Test Aspects – UMTS Earthquake and Tsunami Wa	Rel-8	R5	No	ETWS_UMTS_UECo	29/05/2009	12/03/2010	100%	34.108, 34.123-1, ;	RP-090467	UID_370051		
883	380059	In Case of Emergency numbers storage and easy access on UICC	Rel-8	S1,C6	No	ICE	13/03/2007	06/03/2009	100%	-	SP-070944	ded in Rel-8)		
886	330006	Local Charging Zone Requirements	Rel-8	S1	No	LCZR	28/09/2006	12/03/2008	100%	22.115	SP-060482	1 completed		
887	340029	Customized Alerting Tone (CAT) Service	Rel-8	C1,C3,C4	No	CAT	06/12/2006	18/09/2009	100%	-	SP-070122	5 completed		
894	340031	Service-Level Interworking for Messaging Services	Rel-8	S2,C3,C1	No	MESSIW	26/03/2007	06/03/2009	100%	-	SP-070816	3 completed		
899	340044	Multimedia Priority Service	Rel-8	C1,C3,C4	No	PRIOR	08/06/2006	18/09/2009	100%	-	SP-060780	5 completed		
904	360010	OSA Rel-8	Rel-8	S1,C5	No	OSA8	23/08/2007	30/05/2008	100%	-	SP-070692	20100427-A).		
926	360032	Paging Permission with Access Control (PPACR)	Rel-8	S1,C1	No	PPACR	12/06/2007	05/12/2008	100%	-	SP-070501	016 (PPAC).		
929	490017	Conformance Test Aspects – Paging Permission with Access Cc	Rel-8	R5	No	PPAC_UEConTest	17/09/2010	10/12/2010	100%	UTRA 34.108, 34.1	RP-100806	50 completed		
930	380063	Charging for multi-phases services	Rel-8	S1	No	CHRGMPH	06/12/2007	12/03/2008	100%	22.115	SP-080053	1 completed		
932	380065	Home NodeB / eNodeB	Rel-8	S1,C1,C4	No	HomeNB	06/12/2007	06/03/2009	100%	-	SP-070952	3 completed		
937	390033	UTRA HNB	Rel-8	RP,S5	No	HNB	07/03/2008	04/06/2009	100%	-	t applicable	4 completed		
942	430022	UTRA HNB – UE Conformance Testing	Rel-8	R5	No	HNB-UEConTest	06/03/2009	04/06/2010	100%	-	t applicable	3 UTRA HNB		
944	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	SP-070238	43 completed		
945	390046	Generic Bootstrapping Architecture Push Function	Rel-8	S3,C1,C4	No	GBAPush	12/03/2008	06/03/2009	100%	-	SP-080133	3 completed		
949	34045	Requirements and Test methods for Wideband Terminals	Rel-8	S4	No	RETEM_WB_T	12/03/2008	11/12/2008	100%	26.131, 26.132	SP-080004	ID approved.		
950	34043	Extending PSS and MBMS User Services for optimized Mobile TV	Rel-8	S4	No	PSS_MBMS_OMTV	06/12/2007	11/12/2008	100%	26.234, 26.346, 26	SP-070757	ID approved.		
951	400028	Encoding formats, transport formats and media description sign	Rel-8	S4,C3,C4	No	MTSI_eMHI	06/12/2007	12/03/2009	100%	-	SP-080443	3 completed		
956	340063	OAM&P 8	Rel-8	S5,C1,C4	No	OAM8	07/06/2007	04/12/2009	100%	TR 30.818	t applicable	-		
973	350016	Charging Management small Enhancements	Rel-8	S5	No	CH8	16/03/2006	11/12/2008	100%	TR 30.818	t applicable	2 completed		
978	380024	Conferencing enhancements for Mp interface	Rel-8	C4	No	eMp	30/11/2007	05/12/2008	100%	-	CP-080725	2 completed		
981	320014	Contact Manager for 3GPP UICC applications	Rel-8	C6	No	eUPHBOOK	22/06/2006	05/12/2008	100%	-	CP-080382	l phonebook		
986	20068	Rel-8 LTE – 3G Long Term Evolution - Evolved Packet System R/	Rel-8	RP,S5	No	LTE	25/09/2006	12/03/2009	100%	36.300, 36.938	RP-080747	n SP-060166		
1001	25029	Rel-8 LTE – Terminal Conformance Test Specification	Rel-8	R5	No	LTE-UEConTest	01/06/2007	04/12/2009	100%	-	t applicable	20068 (LTE)		
1005	350040	Rel-8 Improvements of the Radio Interface	Rel-8	RP	No	RInImp8	05/03/2007	06/03/2009	100%	-	t applicable	-		
1014	25125	Rel-8 Improvements of the Radio Interface - UE Conformance Te	Rel-8	R5	No	RInImp-UEConTest	01/06/2007	05/12/2008	100%	-	t applicable	28 (RInImp)		
1017	370035	Rel-8 RAN improvements	Rel-8	RP	No	RANimp	04/06/2007	29/05/2009	100%	-	t applicable	-		
1031	25126	Rel-8 RAN improvements - UE Conformance Testing	Rel-8	R5	No	RANimp-UEConTest	30/05/2008	17/09/2010	100%	-	t applicable	9 (RANimp)		
1043	360008	3.84 Mcps TDD MBSFN Integrated Mobile Broadcast	Rel-8	R1	No	MBSFN-DOB	04/06/2007	05/12/2008	100%	25.102, 25.105, 25	RP-081124	Broadcast").		
1044	440008	Conformance Test Aspects – 3.84 Mcps TDD MBSFN Integrated I	Rel-8	R5	No	MBSFN_UMB_UECon	30/05/2009	19/03/2010	100%	34.108, 34.122, 34	RP-090583	UID_360008		
1045	50583	GERAN support for GERAN - 3G Long Term Evolution interworki	Rel-8	P,G1,C1	No	GELTE	08/09/2006	04/03/2011	85%	44.018, 44.060, 45	GP-061757	esting open)		
1050	55586	U-TDOA Enhancement	Rel-8	GP	No	GUTEN	18/05/2007	16/11/2007	100%	43.059, 45.008, 48	GP-070865	ce of Arrival)		
1051	50587	GAN Enhancements	Rel-8	GP	No	GANENH	15/05/2007	04/09/2009	100%	-	GP-071484	eted Testing		
1054	50591	AoIP (A-interface over IP)	Rel-8	C4,C1,C3	No	AoIP	03/01/2000	11/12/2008	100%	-	GP-081361	UID_50589.		
1060	51147	New multicarrier BTS class	Rel-8	G1	No	MCBTS	31/08/2007	29/08/2008	100%	45.005, 45.050, 51	GP-071542	39 completed		
1061	38001	Support for Additional Navigation Satellite Systems (ANSS) for L	Rel-8	S1,G2	No	ANSS	16/05/2008	11/12/2008	100%	-	GP-081784	-GNSS WID)		
1065	51149	Conformance testing for the Latency Reductions feature	Rel-8	I, G3new	No	CTLATRED	22/02/2008	05/03/2010	100%	-	GP-080367	5 completed		
1068	53091	MS conformance testing of changes introduced by WI "Support c	Rel-8	G3new	No	PSHCT-MStest	22/02/2008	21/11/2008	100%	51.010	GP-080411	40 completed		
1069	320001	(Small) Technical Enhancements and Improvements for Rel-8	Rel-8	All	No	TEI8	01/01/2007	11/12/2008	100%	-	ot applicable	42 completed		

ID	Jnique_IC	Name	Release	Resource Names	Modific	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	Notes	Qtr 1, 2011	
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1070	400025	Test - (Small) Technical Enhancements and Improvements for Re	Rel-8	5,G3new	No	TEI8_Test	07/03/2007	24/12/2010	100%	-	not applicable	-		
1071	31067	Deleted - All-IP Network	Rel-8	S1	No	AIPN	28/06/2004	15/03/2006	100%	-	SP-050181	work (AIPN)		
1073	340032	Deleted - was Rel7 - LCS for 3GPP Interworking WLAN	Rel-8	S2	No	LCS4_IWLAN	28/09/2007	28/09/2007	100%	23.234, 23.271, 23	SP-060818	P-35 stopped		
1074	330010	Deleted - never approved- FBI Phase 2	Rel-8	S2	No	FBI2	28/09/2007	28/09/2007	100%	-	-	?#38 stopped		
1075	330007	Deleted -Enhancements to BS30 Bearer service for Videotelephony	Rel-8	S1	No	BS30	15/03/2007	15/03/2007	100%	22.002, 22.004, 22	SP-060484	(no support)		
1076	370055	Deleted - IMS Enhancements Rel-8	Rel-8	S1	No	IMS8	03/09/2007	14/12/2007	100%	-	-	?#38 stopped		
1077	400023	Deleted - Contact Manager Conformance Test specifications	Rel-8	C6	No	eUPHBOOK-Test	02/06/2008	19/03/2010	100%	-	CP-080430	d/abandoned		
1080	53092	Deleted - MS conformance testing of Support of Conversational Services in A/Gb mode via the P	Rel-8	G3new	No	SCSAGBCT-MSTest	25/02/2008	04/09/2009	100%	51.010	GP-080330	mpletion 0%)		
1081	0	Release 8 Studies	Rel-8	IP,RP,SP	No	-	07/10/2005	12/11/2010	100%	-	-	-		
1082	7026	Study on Customised Alerting Tone (CAT) Requirements	Rel-8	S1	No	FS_CAT	07/10/2005	14/09/2006	100%	22.982	SP-060474	UID_340029		
1083	7027	Study on Facilitating Machine to Machine Communication in GSI	Rel-8	S1	No	FS_M2M	04/11/2005	08/03/2007	100%	22.868	SP-050527	1030 (NIMTC)		
1084	31089	Study on Network Composition	Rel-8	S1	No	FS_NetComp	07/12/2005	12/12/2007	100%	22.980	SP-060478	38 completed		
1085	320024	Study on Requirements of IMS Multimedia Conferencing	Rel-8	S1	No	FS_IMSconf	08/06/2006	12/09/2007	100%	22.948	SP-060479	3 (VAS4SMS)		
1086	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	80057 (PWS)		
1087	330016	Study on Paging Permission with Access Control	Rel-8	S1	No	FS_PPAC	28/09/2006	20/09/2007	100%	22.908	SP-060785	084 (PPACR)		
1088	340033	Study on Non-3GPP access Network Selection Principles (NSP)	Rel-8	S1	No	FS_N3GtoNSP	06/12/2006	05/06/2008	100%	22.912	SP-080318	812=>22.912		
1089	340034	Study on Value Added Services for Short Message Service	Rel-8	S1	No	FS_VAS4SMS	06/12/2006	07/12/2007	100%	22.942	SP-060786	26 (VAS4SM)		
1090	340035	Study on Service continuity between mobile and WLAN networks	Rel-8	S1	No	FS_SMLSWLAN	06/12/2006	06/12/2007	100%	22.937	SP-060936	38 completed		
1091	370086	Study on Services Alignment and Migration	Rel-8	S1	No	FS_ServAI	06/12/2006	12/03/2008	100%	22.983	SP-070126	ation (ServAI)		
1092	32085	Study on 3GPP System Architecture Evolution	Rel-8	S2,S3	No	FS_SAE	03/12/2004	12/03/2009	100%	-	SP-070163	3 completed		
1096	320028	Study on Stage 2 aspects of IMS Service Brokering	Rel-8	S2	No	FS_ISB_ST2	19/06/2006	18/09/2008	100%	23.810	SP-060443	7 Stages 2/3.]		
1097	7049	Study on IMS utilizing multicast bearer services	Rel-8	S2	No	FS_MLTICAST-IMS	22/03/2006	06/12/2007	100%	23.847	SP-060148	38 completed		
1098	350051	Study on Multimedia Session Continuity	Rel-8	S2	No	FS_MMSC	26/04/2007	05/06/2008	100%	23.893	SP-070818	40 completed		
1099	380034	Study on centralized IMS service control	Rel-8	S2,S1	No	FS_ICS	23/10/2006	12/03/2008	100%	-	SP-070494	9 completed		
1102	380078	Study on Architecture of IMS based Customized Alerting Tone (C	Rel-8	S2	No	FS_CAT-St2	04/12/2007	18/09/2008	100%	23.872	SP-070905	eted as Rel-8		
1103	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	UID_360007)		
1104	360015	Study on Transferring of emergency call data – in-band modem s	Rel-8	S4	No	eCALLIBMS	07/12/2006	12/12/2007	100%	26.967	SP-060935	Call_Phase2)		
1105	35065	Study on Element Operations Systems Function (EOSF) definitio	Rel-8	S5	No	OAM7-NIM- EOSF	07/06/2007	12/06/2008	100%	32.819	SP-070307	=>SP-070307		
1106	35074	Study on SA5 MTO SI XML Harmonization	Rel-8	S5	No	OAM8-NIM-XML	10/05/2006	12/09/2007	100%	32.818	SP-070305	=>SP-070305		
1107	320006	Study on Common Profile Storage (CPS) Framework of User Dat	Rel-8	S5	No	OAM7-CPS	03/07/2006	07/06/2007	100%	32.808	SP-060263	gence (UDC)		
1108	340036	Study on Management for LTE and SAE	Rel-8	S5	No	FS_OAM_LTE_SAE	07/12/2006	11/12/2008	100%	32.816	SP-060753	42 completed		
1109	350004	Study on Charging Aspects of 3GPP System Evolution	Rel-8	S5	No	FS_SAEcharg	02/04/2007	06/12/2007	100%	32.820	SP-070174	38 completed		
1110	7048	Study on AS-MRFC media server control protocol	Rel-8	C1	No	MRFC	22/03/2006	13/06/2008	100%	24.880	CP-060180	5 (MRFC_TS)		
1111	350018	Study on IMS Restoration Procedures	Rel-8	C4	No	FS_IMS_RP	26/03/2007	30/05/2008	100%	23.820	CP-070031	112 (IMS_RP)		
1112	360030	Study on IMS Application Server Service Data Descriptions for A	Rel-8	C4	No	FS_IMS_ASIO	14/09/2007	12/09/2008	100%	29.864	CP-070685	3 (IMS_ASIO)		
1113	360031	Study on Customized Alerting Tone (CAT) solution for voice and	Rel-8	C4	No	FS_CAT_VVC_CS	14/09/2007	12/09/2008	100%	29.882	CP-070518	UID_340029		
1114	380023	Study on InterWorking Function between MAP based and Diamet	Rel-8	C4	No	FS_MAP2Diam	30/11/2007	05/12/2008	100%	29.805	CP-070760	UID_320005		
1115	370041	Study on Scope of future HSPA Evolution for 1.28 Mcps TDD	Rel-8	R1	No	FS_RAN-LCRTDDHE	14/09/2007	30/05/2008	100%	25.824	RP-070748	40 completed		
1116	370042	Study on Synchronized E-DCH for UTRA FDD	Rel-8	R1	No	FS_RAN-UplinkSync	14/09/2007	07/03/2008	100%	25.823	RP-070678	39 completed		
1117	360016	Study on Improved network controlled mobility between LTE and	Rel-8	R4	No	FS_RAN-LTEmob	04/06/2007	03/12/2007	100%	36.938	RP-070511	38 completed		
1118	350039	Study on 3G Home NodeB/eNodeB	Rel-8	R4	No	FS_RAN-HNBeNB	05/03/2007	30/05/2008	100%	25.820	RP-070257	40 completed		
1119	50589	Study on A-interface over IP	Rel-8	GP	No	AIN TIP	31/08/2007	22/02/2008	100%	43.903	GP-071562	?) UID_50591		
1120	50590	Study on Multi-User Reusing-One-Slot	Rel-8	GP	No	MUROS	16/11/2007	12/11/2010	100%	45.914	GP-072033	on One Slot)		

ID	Jnique_IC	Name	Release	Resource Names	Modific	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	Notes	Qtr 1, 2011	
													Nov	Jan
1121	51148	Study on Optimized Transmit Pulse Shape for Downlink EGPRS2	Rel-8	G1	No	WIDER	16/11/2007	21/05/2010	100%	45.913	GP-072026	46 completed		
1122	350017	Deleted - Study on Mobility between 3GPP-WLAN Interworking and 3GPP Systems	Rel-8	S2	No	FS_SM3GWLAN	20/03/2007	18/09/2008	100%	withdrawn 23.827	SP-070106	in TS 23.327.		
1123	370044	Deleted - equals 340035 -FS on Service continuity between mobile and WLAN networks	Rel-8	S1	No	FSSCMobToW	03/09/2007	14/12/2007	100%	22.937	SP-070557	#39 stopped		
1124	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	FS stopped		
1125	380080	Deleted - Study on HS-PDSCH serving cell change enhancements	Rel-8	R4	No	FS_RAN-HSPDSCH	17/12/2007	07/03/2008	100%	none	RP-071044	(UID_39003)		
1126	390032	Deleted - Study on Dual-Cell HSDPA operation	Rel-8	R1	No	FS_RAN-DCHS	15/08/2007	06/03/2009	100%	withdrawn 25.825	RP-080228	UID_400052)		
1127	0	Release 7 Features	Rel-7	IP,RP,SP	No	-	02/05/2005	06/12/2007	100%	-	-	-		
1128	732097	Identification of Communication Services in IMS	Rel-7	S1,C1,S5	No	ServID	02/05/2005	14/09/2007	100%	-	SP-060293	dated SP#32		
1133	32116	Supporting Globally Routable User Agent URIs in IMS	Rel-7	S2,S1,C1	No	GRUU	14/11/2005	15/06/2007	100%	-	SP-050633	approved WID		
1137	7038	Multimedia Telephony Service for IMS	Rel-7	S1,C1,S4	No	MTSI	01/02/2006	15/06/2007	100%	-	SP-060224	-		
1142	350147	Multimedia Telephony Service for IMS (MTSI) - UE Conformance	Rel-7	R5	Yes	MTSI-UEConTest	19/09/2007	12/03/2009	100%	34.123-1, 34.123-2	RP-080605	7038 (MTSI)		
1143	377001	TISPAN requirements for Multimedia Telephony with PSTN/ISDN	Rel-7	S1	No	TMMTEL7	18/09/2007	06/12/2007	100%	22.273 (EI 181 002)	SP-070568	-		
1144	387001	Maintenance of TISPAN release 1 common IMS	Rel-7	S2	No	MCIMSTR1	18/09/2007	06/12/2007	100%	http://www.3gpp	SP-070915	-		
1147	32045	PS domain and IMS impacts for supporting IMS Emergency calls	Rel-7	S2,S1	No	EMC1	18/09/2000	15/06/2007	100%	-	SP-050604	-		
1159	11065	IMS Support of Conferencing	Rel-7	C1	No	IMSconf	04/11/2005	15/03/2007	100%	24.147, 24.229	CP-070120	revised WID		
1160	34033	Performance Characterization of VoIMS over HSDPA/EUL channels	Rel-7	S4	No	VoIMS-PCVoIMS	15/03/2005	06/12/2007	100%	26.935	SP-050089	-		
1161	31062	WLAN-UMTS Interworking Phase 2	Rel-7	S1	No	WLAN2	05/01/2004	07/06/2005	100%	33.234 (SP-36 SA)	SP-030712	going to Rel-7		
1164	32110	WLAN Interworking – Private Network access from WLAN 3GPP I	Rel-7	C1,C3,C4	No	WLANPNA	10/10/2005	26/09/2006	100%	-	SP-050489	-		
1170	32092	Enhancements to support QoS provisioning over 3GPP/WLAN In	Rel-7	S2,C4,C1	No	WLANQOS	14/03/2005	09/03/2007	100%	-	SP-050682	updated WID		
1175	32079	Location Services enhancements	Rel-7	IP,C4,R2	No	LCS3	28/06/2004	17/12/2007	100%	-	SP-040682	-		
1187	31084	MBMS Enhancements	Rel-7	S1,R1,C3	No	MBMSE	11/07/2005	30/11/2007	100%	-	SP-050389	-		
1193	400058	MBMS - UE Conformance Testing	Rel-7	R5	No	MBMSE_UEConTest	01/06/2007	04/12/2009	100%	-	not applicable	64 (MBMSE)		
1197	34038	MBMS User Service Extensions	Rel-7	S4	No	MBMSUSE	07/12/2005	07/06/2007	100%	26.346, 26.946	SP-050838	-		
1198	31051	Advanced Global Navigation Satellite System (A-GNSS) concept	Rel-7	IP,GP,R2	No	LCS3-AGNSS	28/06/2004	31/08/2007	100%	-	SP-040681	-		
1202	50581	A-GPS Minimum Performance	Rel-7	GP	No	GAGR	28/04/2006	31/08/2007	100%	45.005, 51.010	GP-060834	-		
1203	31048	USSD message delivery and transfer to USIM	Rel-7	S1,C6	No	USSD-USIM	05/03/2004	12/08/2005	100%	-	SP-040104	-		
1206	31063	Combinational Services	Rel-7	S2,C1,S4	No	CSICS	17/01/2005	06/03/2006	100%	-	SP-050228	-		
1211	31065	CAMEL Trunk Triggers	Rel-7	S1,C4	No	TTCAMEL	17/12/2004	05/12/2005	100%	-	SP-040743	-		
1214	31088	IMS Service Brokering enhancements	Rel-7	S1	No	ISB	07/12/2005	13/03/2006	100%	22.228	SP-050830	R database).		
1216	11045	Enhancements of VGCS for public authority officials	Rel-7	C1,C4,G2	No	EVGCS	27/08/2004	15/06/2007	100%	43.068, 44.068, 24	SP-040304	arity officials		
1222	11055	Improvements of VGCS for parallel use of services	Rel-7	S1	No	IVGCS	15/03/2005	15/03/2007	100%	-	SP-070167	Call Service		
1228	31071	OSA Rel-7	Rel-7	S1,C5	No	OSA7	15/03/2005	08/06/2007	100%	-	SP-050183	-		
1240	31053	Selective Disabling of UE Capabilities	Rel-7	S1,S2,C1	No	SDoUE	24/01/2005	15/06/2007	100%	-	SP-050182	ction Feb 06		
1244	7041	Network selection enhancements (NSP)	Rel-7	S1	No	NSP-CR	15/03/2006	15/06/2007	100%	22.101, 22.011, 23	SP-060220	-		
1247	25048	Network selection enhancements (NSP) - UE Conformance Testi	Rel-7	R5	Yes	NSP-CR_UEConTest	01/06/2007	05/12/2008	100%	34.108, 34.123-1, ;	RP-080135	41 (NSP-CR)		
1248	32064	Access Class Barring and Overload Protection	Rel-7	S2,C1	No	ACBOP	15/03/2004	08/09/2006	100%	23.898	SP-040338	-		
1254	32074	System enhancements for fixed broadband access to IMS	Rel-7	C1,C3,C4	No	FBI	05/11/2003	14/03/2007	100%	-	SP-060145	-		
1266	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	moved MMS)		
1272	32082	Evolution of Policy Control and Charging	Rel-7	S5,C3,C1	No	PCC	14/10/2004	30/11/2007	100%	-	SP-060217	l from Rel-7.		
1281	32091	Voice call continuity between CS and IMS (incl. I-WLAN)	Rel-7	S5,C1,C4	No	VCC	31/12/2004	15/06/2007	100%	-	SP-060292	dated SP#32		
1290	7046	One Tunnel solution for optimization of Packet Data Traffic	Rel-7	S2	No	OPTUNEL	27/03/2006	31/10/2007	100%	-	SP-060819	-		
1294	320029	CSI Terminating Session handling	Rel-7	S2,C1	No	CSIStermS	08/06/2006	15/06/2007	100%	-	SP-060437	UID_32117		
1298	33022	Liberty Alliance and 3GPP Security Interworking	Rel-7	S3	No	LibSec	10/03/2005	30/11/2006	100%	33.980	SP-050145	oved SP#27.		

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1299	33023	Trust Requirements for Open Platforms in 3GPP	Rel-7	S3	No	TrustOP	03/01/2005	30/11/2006	100%	33.905	SP-040863	oved SP#26.		
1300	33024	Development of UEA2 and UIA2	Rel-7	S3	No	AlgUEA2	01/12/2004	09/12/2005	100%	35.919, 35.215, 35	SP-040864	g Availability.		
1301	33026	Lawful Interception in the 3GPP Rel-7 architecture	Rel-7	S3	No	LI-7A	28/06/2005	08/12/2005	100%	33.106, 33.107, 33	SP-050237	-		
1302	33028	Key establishment between a UICC and a terminal	Rel-7	S3	No	KeyEstUTerm	07/12/2005	28/09/2006	100%	33.110	SP-050780	-		
1303	330008	NDS Authentication Framework Extension for Transport Layer S	Rel-7	S3	No	NDSAFTLS	28/09/2006	06/12/2006	100%	33.310	SP-060507	oved to Rel-8		
1304	732030	Security enhancements	Rel-7	S3,C1,C4	No	SEC7	12/09/2005	30/11/2006	100%	-	-	-		
1311	711052	IMS Stage 3 IETF Protocol alignment	Rel-7	C1	No	IMSProtoc	10/12/2004	14/03/2007	100%	24.930	CP-060101	Protocol (SIP)		
1312	7043	Interoperability between VGCS/VBS and A/Gb flexibility	Rel-7	C1,C4	No	VGCSFlex	22/03/2006	09/03/2007	100%	-	CP-060102	Call Service		
1315	13023	DIAMETER on the GGSN Gi interface	Rel-7	C3	No	DIAMGi	10/09/2004	08/12/2006	100%	29.061	CP-060431	-		
1316	13022	DIAMETER on the PDG Wi interface	Rel-7	C3	No	DIAMWi	10/09/2004	08/12/2006	100%	29.161	CP-060432	-		
1317	13033	Interworking between the 3GPP CS domain with BICC or ISUP as	Rel-7	C3	No	ExtSIPI	22/09/2006	22/07/2008	100%	29.164	CP-070101	-		
1318	340047	PDU multiplexing at Nb Interface with IP transport	Rel-7	C3	No	NbIPMux	04/12/2006	22/07/2008	100%	29.414	CP-070105	-		
1319	14012	Mp (MRFC - MRFP) interface	Rel-7	C4,C1	No	Mp	13/02/2006	08/06/2007	100%	-	CP-070246	-		
1324	340016	Routing 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	ved in CP#34		
1325	350003	Mobile Termination whilst the MS is moving to another MSC	Rel-7	C4	No	MTmovMS	09/03/2007	31/05/2007	100%	23.008, 23.012, 23	CP-070334	-		
1326	743009	ISIM API for Java Card	Rel-7	C6	No	APIJAVA	14/03/2005	27/07/2007	100%	31.103, 102.241	CP-050145	-		
1327	440042	Rel-7 (U)SIM API Testing (TS 31.213)	Rel-7	C6	No	USIM_API_test	30/05/2009	19/03/2010	100%	31.213	CP-090450	ng UID_1800		
1328	330001	High speed interface between the UICC and the ME	Rel-7	C6	No	HSI	22/09/2006	30/11/2007	100%	31.101	CP-070259	6 meeting 45		
1329	34030	Video Codec Performance Requirements	Rel-7	S4	No	VICPer	03/01/2005	07/06/2007	100%	26.234, 26.235, 26	SP-040836	-		
1330	34032	Dynamic and Interactive Multimedia Scenes	Rel-7	S4	No	DIMS	15/03/2005	07/06/2007	100%	26.140, 26.142, 26	SP-050195	-		
1331	34034	3G-324M Video Telephony Call Setup Times Improvements	Rel-7	S4	No	VTCSTI	08/06/2005	27/09/2006	100%	26.911	SP-050404	-		
1332	34035	Optimizations for Multimedia Telephony over IMS	Rel-7	S4	No	OMTIMS	28/09/2005	28/09/2005	100%	26.235, 26.236	SP-060226	-		
1334	34036	End-to-End Multimedia Services Performance Metrics	Rel-7	S4	No	E2EMSPM	28/09/2005	15/03/2007	100%	26.944	SP-050433	-		
1335	34039	Packet Switched Streaming Enhancements	Rel-7	S4	No	PSSe	08/06/2006	07/06/2007	100%	26.234, 26.244	SP-060361	-		
1336	35041	OAM&P Rel-7	Rel-7	S5	No	OAM7	02/09/2005	26/06/2007	100%	TR 30.817	TR 30.817	-		
1364	320007	Charging Management small Enhancements Rel-7	Rel-7	S5	No	CH7	22/05/2006	14/06/2007	100%	TR 30.817	-	-		
1367	2468	Multiple-Input Multiple-Output (MIMO) antennas	Rel-7	R1,R5	No	MIMO	14/03/2003	07/03/2008	100%	25.876, 25.996	RP-030192	d RP-070531		
1374	20028	Rel-7 Improvements of the Radio Interface	Rel-7	RP	No	RInImp	15/09/2004	04/06/2007	100%	-	-	neric feature		
1389	25025	Rel-7 Improvements of the Radio Interface - UE Conformance Te	Rel-7	R5	No	RInImp-UEConTest	11/11/2005	12/09/2008	100%	-	t applicable	i28 (RInImp)		
1398	20029	Rel-7 RAN improvements	Rel-7	RP	No	RANimp	15/12/2004	15/06/2007	100%	-	-	neric feature		
1413	25026	Rel-7 RAN improvements - UE Conformance Testing	Rel-7	R5	No	RANimp-UEConTest	20/09/2006	18/09/2009	100%	-	t applicable	i9 (RANimp)		
1420	20014	7.68 Mcps TDD option	Rel-7	RP	No	VHCRD	15/09/2004	14/09/2007	100%	-	RP-060119	1 completed		
1427	20035	3.84 Mcps TDD Enhanced Uplink	Rel-7	RP	No	EDCHTDD	15/03/2005	15/09/2006	100%	-	RP-050100	3 completed		
1433	20055	1.28 Mcps TDD Enhanced Uplink	Rel-7	RP	No	LCRTDD-EDCH	15/03/2006	12/09/2008	100%	-	RP-060202	5 completed		
1439	490016	Conformance Test Aspects – Multiple Band and Multiple Freque	Rel-7	R5	No	LCRTDD_MB_MF_U	17/09/2010	16/12/2011	20%	UTRA 34.108, 34.1	RP-100805	ITS2300TDD.		
1440	50118	MS Antenna Performance Evaluation Method and Requirements	Rel-7	GP	No	APEMR	28/01/2005	16/11/2007	100%	25.914, 25.144, 45	GP-050284	pleted for R7		
1441	50119	Lower 700 MHz Inclusion in the GERAN Specifications	Rel-7	GP	No	GSM710	03/01/2005	30/06/2006	100%	24.008, 43.022, 44	GP-050543	-		
1445	50564	Support of Conversational Services in A/Gb mode via the PS don	Rel-7	GP	No	SCSAGB	08/04/2005	31/08/2007	100%	-	GP-061501	s GP-030443		
1451	50565	Addition of new frequency band to GSM (T-GSM810)	Rel-7	GP	No	TGSM810	08/04/2005	31/08/2007	100%	45.005, 45.050, 24	GP-050945	-		
1455	50567	Handover of dedicated and shared resources while in Dual Trans	Rel-7	GP	No	HODSRDTM	08/04/2005	17/11/2006	100%	-	GP-050979	ed at GP#24		
1459	50569	Mobile Station Receive Diversity (DARP Phase II)	Rel-7	GP	No	MSRD2	11/11/2005	16/11/2007	100%	-	GP-061491	6 completed		
1464	50579	Downlink Dual Carrier	Rel-7	GP	No	GDCDL	20/01/2006	04/09/2009	100%	-	GP-061331	5 completed		
1468	50580	Support of SIGTRAN in GERAN	Rel-7	GP	No	GSIGT	20/01/2006	30/06/2006	100%	48.001, 48.006, 43	GP-060450	30 completed		

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1469	50582	Latency Reductions	Rel-7	GP	No	LATRED	30/06/2006	31/08/2007	100%	45.001, 45.002, 45	GP-061519	5 completed		
1472	52147	PS Handover between GERAN/UTRAN mode and GAN Mode	Rel-7	G2	No	GUGAN	30/06/2006	16/02/2007	100%	43.318, 44.318, 43	GP-061349	33 completed		
1473	50584	Higher Uplink performance for GERAN Evolution	Rel-7	GP	No	HUGE	08/09/2006	04/03/2011	84%	-	GP-071083	-		
1480	50121	Reduced symbol Duration, Higher Order modulation and Turbo c	Rel-7	GP	No	REDHOT	17/11/2006	04/03/2011	81%	-	GP-071080	ation work.		
1485	60110	(Small) Technical Enhancements and Improvements for Rel-7	Rel-7	All	No	TEI7	26/03/2007	26/03/2007	100%	CP-070260	not applicable	-		
1486	25030	Test - (Small) Technical Enhancements and Improvements for Re	Rel-7	R5	No	TEI7_Test	02/06/2006	28/11/2007	100%	-	not applicable	-		
1487	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	SP-050604	red at SP#29		
1490	32005	<i>Deleted - IMS Local services</i>	Rel-7	S2	No	IMSLocal	06/01/2006	06/01/2006	100%	23.228	-	-		
1493	32078	<i>Deleted - IMS Phase 3</i>	Rel-7	S2	No	-	06/01/2006	06/01/2006	100%	-	-	-		
1494	701216	<i>Deleted - Improvements of Radio Interface</i>	Rel-7	RP	No	RInImp	15/09/2004	15/09/2004	100%	-	Work Items	m conclusion		
1495	14018	<i>Deleted: Generic User Profile Phase 2</i>	Rel-7	C4	No	-	08/08/2005	30/06/2006	100%	-	-	on Objects".		
1496	42003	<i>Deleted - Stage 3 - Common objects</i>	Rel-7	C4	No	-	08/08/2005	30/06/2006	100%	24.241	TP-020275	red from WID		
1497	0	Release 7 Studies	Rel-7	P,RP,SP	No	-	28/06/2004	17/09/2007	100%	-	-	-		
1498	31082	Study on Multimedia Telephony Capabilities for IMS	Rel-7	S1	No	MITE	11/07/2005	31/07/2006	100%	22.973	SP-050387	7038 (MTSI)		
1499	31050	Study on Behaviour of Multi system UEs	Rel-7	S1	No	BMSU	28/06/2004	15/12/2005	100%	22.936	SP-050502	-		
1500	31055	Study on Combining CS calls and IMS sessions	Rel-7	S1	No	IRTSD-CS_IMS	28/06/2004	17/03/2005	100%	22.979	SP-040467	-		
1501	31059	Study on All-IP Network	Rel-7	S1	No	FS_AIPN	28/06/2004	16/03/2005	100%	22.978	SP-040303	etwork (AIPN)		
1502	31075	Study on Videotelephony teleservice	Rel-7	S1	No	VidTel	01/03/2005	17/01/2006	100%	22.903	SP-050506	-		
1503	31073	Study on Network Selection Principles	Rel-7	S1	No	NetSel	15/03/2005	08/12/2005	100%	22.811	SP-050227	R) UID_7041		
1504	31041	Study on Multimedia Priority Service	Rel-7	S1	No	PRIOR-MM	28/03/2003	30/06/2006	100%	22.953	SP-060329	UID_340044		
1505	31083	Study on Transferring of emergency Call data	Rel-7	S1	No	eCALL	11/07/2005	31/03/2006	100%	22.967	SP-050388	-		
1506	32073	Study on Enhancement of E2E QoS	Rel-7	S2	No	QoS7	28/06/2004	15/09/2005	100%	23.802	SP-040326	-		
1507	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	34 completed		
1508	35067	Study on Itf-N Implementation Conformance Statement (ICS) tem	Rel-7	S5	No	OAM7-NIM-ICS	02/09/2005	15/03/2007	100%	32.812	SP-050609	35 completed		
1509	35068	Study on IRP Information Model	Rel-7	S5	No	OAM7-NIM-IM	02/09/2005	15/03/2007	100%	32.810	SP-050611	35 completed		
1510	7034	Study on Bandwidth Saving at Nb Interface with IP transport	Rel-7	C3	No	BSNbiP	10/03/2006	09/03/2007	100%	29.814	CP-060438	ie with slides)		
1511	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	for MT SMS"		
1512	7025	Study on the TCAPsec Gateway concept	Rel-7	C4	No	SEC7-TCAP	28/10/2005	10/03/2006	100%	29.800	CP-050687	'sec Gateway		
1513	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	-		
1514	320018	Study on Support of (G)MSC-S - (G)MSC-S Nc Interface based on	Rel-7	C4	No	NcSIP	15/05/2006	14/09/2007	100%	29.802	CP-070034	-		
1517	20023	Study on Evolved UTRA and UTRAN	Rel-7	RP	No	RANFS-Evo	15/12/2004	15/09/2006	100%	25.912	RP-040461	n RP-060472		
1518	20034	Study on Performance Evaluation of the UE behaviour in high sp	Rel-7	R4	No	RANFS-HSTrains	15/03/2005	15/06/2006	100%	none	RP-050146	n RP-060412		
1519	20041	Study on UTRA Tower Mounted Amplifier (FDD)	Rel-7	R4	No	RANFS-TMA	15/06/2005	14/03/2006	100%	25.818	RP-050387	n RP-060035		
1520	20044	Study on Continuous connectivity for packet data users	Rel-7	R1	No	RANFS-cont-packet	15/03/2005	14/09/2005	100%	none	RP-050391	n RP-050427		
1521	20051	Study on Improvement of the Multimedia Broadcast Multicast Se	Rel-7	R2	No	RANFS-MBMSImp	15/12/2005	15/12/2006	100%	25.905	RP-050746	n RP-060692		
1522	20052	Study on Performance Improvements in Small Cells using HSDP,	Rel-7	R4	No	SMALLCELLS	15/12/2005	15/06/2006	100%	none	RP-050782	n RP-060263		
1523	20053	Study on Further Improved Performance Requirements for UMTS	Rel-7	R4	No	RANFS-IC	15/12/2005	04/06/2007	100%	25.963	RP-050880	n RP-070499		
1524	20065	Study on Scope of future FDD HSPA Evolution	Rel-7	RP	No	RANFS-HSPA Evo	15/03/2006	17/09/2007	100%	25.999	RP-060217	n RP-070533		
1525	330013	Study on Dynamically reconfiguring a FDD UE receiver to reduce	Rel-7	R4	No	FSUEPow	22/06/2007	22/06/2007	100%	25.906	RP-060641	n RP-070534		
1526	50568	Study on Future GERAN Evolution	Rel-7	GP	No	FGE	08/04/2005	16/02/2007	100%	45.912	GP-051052	33 completed		
1527	50120	Study on GAN Enhancements	Rel-7	GP	No	EGAN	31/08/2007	31/08/2007	100%	43.902	GP-062298	35 completed		
1528	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	-		
1529	31077	<i>Deleted - Covered by SI - Personal Network (PN) and Personal Area Network (PAN)</i>	Rel-7	S1	No	PNPAN	08/12/2005	20/12/2005	100%	-	SP-050386	-		

ID	Jnique_IC	Name	Release	Resource Names	Modific	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	Notes	Qtr 1, 2011	
													Nov	Jan
1530	7011	Deleted - Study on Personal Network and Personal Area Network	Rel-7	S1	No	PNPAN	20/10/2006	20/10/2006	100%	-	-	action Feb 06		
1531	31078	Deleted - Covered by SI - Multimedia Telephony Capabilities for IMS	Rel-7	S1	No	MITE	08/12/2005	20/12/2005	100%	-	SP-050387	-		
1532	31079	Deleted - Covered by SI - Transferring of emergency Call data	Rel-7	S1	No	eCALL	08/12/2005	08/12/2005	100%	-	SP-050388	-		
1533	31080	Deleted - Covered by SI - MBMS Enhancements	Rel-7	S1	No	MBMSE	08/12/2005	08/12/2005	100%	-	SP-050389	-		
1534	31087	Deleted - Study on Customised Alerting Tone (CAT) Requirements (was duplicated)	Rel-7	S1	No	CAT	30/06/2006	30/06/2006	100%	-	SP-050607	2C SA3 input		
1535	320017	Deleted - Study on LCS architecture for I-WLAN (covered by 32108)	Rel-7	S2	No	IMS-SE	08/12/2006	08/12/2006	100%	-	-	Entry created		
1536	732028	Deleted - IMS security extensions (covered by UID33027)	Rel-7	S3	No	IMS-SE	08/12/2005	08/12/2005	100%	-	SP-050395	-		
1537	32029	Deleted - Study on applicability of GALILEO for LCS	Rel-7	S2	No	Galileo	30/06/2005	30/06/2005	100%	-	SP-020541	-		
1540	32076	Deleted - Study on Stage 2 (IMS services using CS bearers)	Rel-7	S2	No	IRTSD-IMSCS	28/06/2004	12/09/2005	100%	23.899	SP-040479	R completion		
1541	32099	Deleted - VoIMS bearer related enhancements	Rel-7	S2	No	VoIMS	21/07/2006	21/07/2006	100%	-	-	tion of chairs		
1543	32112	Deleted - Study on IMS enhancements and optimizations for real time communication.	Rel-7	S2	No	IMS-RT	10/10/2005	01/06/2007	100%	23.818	SP-050492	loned at 65%		
1544	32117	Deleted - Study on Terminating Session handling	Rel-7	S2	No	CSItem	09/01/2006	29/12/2006	100%	23.819	SP-050811	UID_320029		
1545	34040	Deleted - Study on Transferring of emergency call data – in-band modem solution (moved to Rel-7)	Rel-7	S4	No	eCALLIBMS	22/06/2007	22/06/2007	100%	26.967	SP-060935	P-38 stopped		
1546	35045	Deleted - Study on IRP usage scenarios	Rel-7	S5	No	OAM-Study	02/09/2005	07/12/2006	100%	32.8xy	SP-050303	-		
1547	360009	Deleted - Study on Interference Cancellation for UTRA FDD UE (covered by UID 20053)	Rel-7	R4	No	RANFS-InterCanc	28/03/2007	28/03/2007	100%	-	-	PA UE (FDD)		
1548	50552	Deleted - Study on enhanced support of Video Telephony	Rel-7	GP	No	VIDGER	30/06/2006	30/06/2006	100%	-	GP-042221	Q28 (no input)		
1549	0	Release 6 Features	Rel-6	RP,SP,TP	No	-	28/06/2002	30/12/2005	100%	-	-	-		
1550	1216	Rel-6 Improvements of Radio Interface	Rel-6	RP	No	RinImp	14/08/2000	13/03/2007	100%	-	Work Items	-		
1564	3	Rel-6 RAN Feasibility Studies	Rel-6	RP	No	-	14/08/2000	14/03/2005	100%	-	ems History	-		
1575	20003	FDD Enhanced Uplink	Rel-6	RP	No	EDCH	15/03/2004	14/09/2007	100%	-	Work Items	-		
1583	9	Rel-6 RAN improvements	Rel-6	RP	No	RANImp	09/09/2002	14/03/2005	100%	-	Work Items	neric feature		
1597	32023	Location Services enhancements 2	Rel-6	S5,N4,RP	No	LCS2	15/01/2001	16/12/2004	100%	23.271	SP-030127	-		
1620	1571	Rel-6 Security enhancements	Rel-6	S3	No	SEC1	03/01/2001	26/11/2004	100%	-	SP-000421	rtur added.		
1627	32021	IMS Phase 2	Rel-6	S5,NP,R5	No	IMS2	28/08/2000	14/09/2007	100%	23.228	-	16 by Lucent		
1662	32063	3GPP Enablers for services like Push to Talk over Cellular (PoC)	Rel-6	S2,S4,S5	No	PoC	08/09/2003	09/06/2005	100%	-	SP-030384	-		
1667	32062	Study on Interworking aspects and migration scenarios for IPv4 	Rel-6	S2	No	IPv4IMS	08/09/2003	25/06/2004	100%	23.981	SP-040327	-		
1668	11032	Interoperability and Commonality between IMS using different IP	Rel-6	S2	No	IMSCOOP	16/09/2002	12/12/2003	100%	23.864	-	-		
1672	1365	Support of Push Services	Rel-6	S1	No	PUSH	03/01/2001	27/02/2004	100%	23.976	SP-000669	port of Push		
1675	42009	Multimedia Messaging (MMS) enhancements	Rel-6	S5,OMA	No	MMS6	15/08/2002	07/12/2005	100%	-	TP-030175	-		
1684	42005	Rel-6 MExE enhancements	Rel-6	T2	No	MEXE6	08/03/2002	06/06/2003	100%	-	-	-		
1687	2062	Subscription Management	Rel-6	S5	No	SuM	20/09/2002	17/03/2005	100%	32.140/1, 32.171/2	SP-040763	05 completed		
1688	2499	Presence Capability	Rel-6	S1	No	PRESNC	19/03/2001	07/12/2005	100%	-	SP-010064	pletion date		
1696	50056	Enhanced A/Gb feasibility study	Rel-6	GP	No	AGbEnFS	30/08/2002	08/11/2002	100%	None	GP-022565	-		
1704	50063	Flexible Layer One for GERAN	Rel-6	GP	No	FLOGER	03/01/2000	25/06/2004	100%	-	GP-021018	-		
1722	50041	Uplink TDOA feasibility study	Rel-6	GP	No	TDOAF	30/11/2001	28/06/2002	100%	45.811	GP-012794	-		
1723	2544	Multimedia Broadcast and Multicast Service	Rel-6	S1,R5,GP	No	MBMS	11/05/2001	07/03/2008	100%	-	-	ed at SP#13		
1758	31006	Speech Recognition and Speech Enabled Services	Rel-6	S1	No	SRSES	08/10/2001	30/12/2005	100%	-	SP-010572	-		
1764	31008	Generic User Profile Rel-6	Rel-6	S1	No	GUP	08/10/2001	03/03/2005	100%	-	SP-040515	-		
1770	31010	Digital Rights Management	Rel-6	S1	No	DRM	08/10/2001	28/05/2004	100%	-	SP-010577	on the WID)		
1776	31012	WLAN-UMTS Interworking Rel-6	Rel-6	S1	No	WLAN	03/01/2000	22/09/2005	100%	-	SP-030712	-		
1787	31015	Priority Service	Rel-6	S1	No	PRIOR1	30/05/2002	26/09/2003	100%	-	SP-010523	-		
1791	31018	Network Sharing	Rel-6	S1,R2,R5	No	NTShar	20/01/2003	10/03/2006	100%	-	SP-010739	-		
1798	32016	QoS Improvements	Rel-6	S2,N3	No	QoS1	15/07/2002	08/12/2004	100%	23.107, 23.207, 23	SP-010719	-		

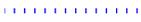
ID	Jnique_IC	Name	Release	Resource Names	Modific	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	Notes	Qtr 1, 2011	
													Nov	Jan
1802	33002	Subscriber certificates	Rel-6	T3,OMA	No	SEC1-SC	25/02/2002	08/12/2004	100%	-	SP-010622	SA5 and T3		
1808	15010	Rel-6 OSA enhancements	Rel-6	N5	No	OSA3	31/10/2002	10/03/2005	100%	22.127, 23.198, 29	NP-040351	s NP-040144.		
1819	50401	Addition of frequency bands to GSM (TAPS)	Rel-6	GP	No	TAPS	28/06/2002	28/01/2005	100%	-	GP-022072	-		
1824	50130	Seamless support of streaming services in A/Gb mode	Rel-6	GP	No	SSStrea	03/01/2000	17/06/2005	100%	-	GP-022561	-		
1839	34300	Performance characterisation of default codecs for PS conversat	Rel-6	S4	No	CODCAR	13/09/2002	10/06/2004	100%	26.935	SP-020433	-		
1840	31030	Study on Privacy Capability	Rel-6	S1	No	PrivCap	10/11/2003	03/03/2004	100%	22.949	SP-020579	-		
1841	35010	OAM&P Rel-6	Rel-6	S5	No	OAM	12/09/2002	11/03/2005	100%	-	SP-040766	ice in CN1/4.		
1849	35016	Charging Management	Rel-6	S5	No	CH	21/11/2002	09/06/2005	100%	32.2xy	SP-040773	rging 32.252		
1867	1800	Rel-6 UICC/USIM enhancements and interworking	Rel-6	T3	No	USAT1	25/09/2000	10/03/2005	100%	-	not needed	-		
1878	34022	Packet Switched Streaming Services Rel-6	Rel-6	S4,S1	No	PSSrel6	18/11/2002	07/12/2005	100%	-	SP-020685	-		
1881	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	SP-030083	c by Sept. 05		
1882	34027	Codec Enhancements for Packet Switched Conversational Multir	Rel-6	S4	No	CEPSCM	16/03/2004	16/12/2004	100%	26.235, 26.236	SP 040066	-		
1883	34028	3G-324M Improvements	Rel-6	S4	No	3G-324MI	16/03/2004	16/12/2004	100%	26.111, 26.911	SP-040067	-		
1884	51101	Single Antenna Receiver Interference Cancellation (SAIC)	Rel-6	GP,G1	No	SAIC	15/11/2002	25/06/2004	100%	45.903	GP-023400	-		
1885	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	-		
1887	32060	Study on Bandwidth and resource savings in CS networks	Rel-6	S2	No	BARS	01/06/2003	16/06/2004	100%	23.977	SP-030308	-		
1888	33018	FS on (U)SIM Security Reuse by Peripheral Devices on Local Inte	Rel-6	S3	No	-	03/07/2003	26/12/2003	100%	33.817	SP-030341	oved TSG#20		
1889	50600	Multiple TBF in A/Gb mode	Rel-6	GP,G2	No	MULTBF	05/04/2002	28/01/2005	100%	-	GP-021263	ced in Rel-5)		
1895	50096	Alignment between the test-regimes for GERAN capable MS	Rel-6	G3new	No	ALTERE	29/08/2003	02/09/2005	100%	-	GP-032236	-		
1897	50444	Addition of U-TDOA in the CS domain	Rel-6	GP	No	UTDOACS	21/11/2003	23/04/2004	100%	-	GP-032773	mance specs		
1898	50445	Addition of U-TDOA in the PS domain	Rel-6	GP	No	UTDOAPS	27/06/2003	12/11/2004	100%	-	GP-032774	-		
1899	50101	Downlink Advanced Receiver Performance	Rel-6	GP	No	DARP	21/11/2003	02/09/2005	100%	-	GP-041966	-		
1909	50109	Reduction of PS service interruption in Dual Transfer Mode	Rel-6	G2	No	PSintDTM	21/11/2003	24/06/2005	100%	-	GP-032548	-		
1915	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	NP-030584	-		
1916	31046	Circuit Switched Video and Voice Service Improvements	Rel-6	S2,C1	No	CS_VSS	12/01/2004	02/09/2005	100%	-	SP-040331	-		
1923	33020	Network Domain Security; MAP application layer security (NDS/M	Rel-6	S3	No	MAPSEC	06/07/2004	29/12/2004	100%	-	SP-040280	3% complete)		
1924	33021	FS on Security for early IMS	Rel-6	S3	No	SEC-IMS	01/10/2004	28/03/2005	100%	33.978	SP-040691	tel-8 onwards		
1925	13024	Reorganisation of CS Data Specifications	Rel-6	N3	No	CS Data	19/11/2004	08/12/2004	100%	23.910, 29.007, ne	NP-040563	0 % complete		
1926	50553	Generic Access to A/Gb Interface (GAAI)	Rel-6	GP	No	GAAI	25/06/2004	20/01/2006	100%	-	GP-042247	-		
1931	50559	Support of PS Handover for GERAN A/Gb mode	Rel-6	GP,G2	No	SPSHAGB	03/11/2003	24/08/2005	100%	-	GP-051160	s GP-030443		
1935	60111	(Small) Technical Enhancements and Improvements for Rel-6	Rel-6	All	No	TEI6	02/06/2006	06/05/2008	100%	-	-	n/Testing WP		
1936	25019	Test - (Small) Technical Enhancements and Improvements for Re	Rel-6	R5,T1	Yes	TEI6_Test	02/06/2006	06/05/2008	100%	34.108,34.121-1/2.	Work Items	mance testing		
1937	31029	<i>Deleted - Study of Feature Interactions Requirements</i>	Rel-6	S1	No	FINTER	16/09/2004	16/09/2004	100%	-	SP-020578	#25 stopped		
1938	50563	<i>Deleted - Enhancements of VGCS in public networks for communication of public authority officia</i>	Rel-6	GP,G2	No	EVGCS	24/08/2005	02/09/2005	100%	44.018, 44.068, 46	GP-041837	hority officials		
1939	50500	<i>Deleted - Support of Conversational Services in A/Gb mode via the PS domain</i>	Rel-6	GP,N1	No	SCSAGB	21/11/2003	19/02/2004	100%	-	GP-030443	-		
1946	2	<i>Deleted - Rel-6 Evolutions of the transport in the UTRAN</i>	Rel-6	RP	No	ETRAN	31/12/2003	31/12/2003	100%	-	Work Items	neric feature		
1947	0	Release 5 Features	Rel-5	RP,SP,TP	No	-	30/03/2001	28/06/2002	100%	-	-	-		
1948	625	IP transport in the UTRAN	Rel-5	R3	No	ETRAN-IPtrans	17/07/2000	29/03/2002	100%	-	RAN Wis	-		
1949	2455	FS on Usage of SUA	Rel-5	N4	No	SS7IP	12/03/2001	21/12/2001	100%	-	NP-010460	-		
1950	2476	High Speed Downlink Packet Access	Rel-5	R2,R5	No	HSDPA	02/04/2001	09/03/2007	100%	-	RAN Wis	-		
1957	501216	Rel-5 Improvements of Radio Interface	Rel-5	RP	No	RInImp	14/08/2000	30/08/2002	100%	-	RAN Wis	-		
1970	500009	Rel-5 RAN improvements	Rel-5	RP	No	RANImp	16/03/2001	09/03/2007	100%	-	RAN Wis	-		
1988	23004	UTRAN Sharing in Connected Mode	Rel-5	R3	No	NETSHARE	03/12/2001	03/09/2002	100%	-	-	l at RAN #16.		

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1989	1273	Provisioning of IP-based multimedia services	Rel-5	S2,S5,R5	No	IMS	03/01/2000	01/12/2006	100%	-	SP-000216	-		
2065	34001	Extended Transparent End-to-End PS Streaming Service	Rel-5	S4	No	PSS-E	03/01/2002	17/03/2003	100%	26.233, 26.234	SP-010392	-		
2070	501637	Rel-5 OSA enhancements	Rel-5	S1	No	OSA1	27/04/1999	20/12/2002	100%	22.127, 23.127, 29	SP-000216	-		
2099	1638	CAMEL phase 4	Rel-5	S1	No	CAMEL4	17/04/2000	06/09/2002	100%	-	NP-020486	-		
2113	2464	Rel-5 MExE enhancements	Rel-5	T2	No	MEXE5	26/03/2001	08/03/2002	100%	-	-	-		
2115	1625	Wideband Telephony Service - AMR	Rel-5	S4	No	AMRWB	01/01/2000	19/12/2003	100%	-	SP-99354	-		
2149	1826	Terminal interfaces	Rel-5	T2	No	TI	14/05/2001	20/03/2002	100%	-	not needed	-		
2151	1536	Rel-5 Location Services enhancements	Rel-5	S2,S5	No	LCS1	03/04/2000	27/06/2003	100%	-	SP-010518	-		
2186	501571	Rel-5 Security enhancements	Rel-5	S3	No	-	21/02/2000	28/06/2002	100%	-	SP-000421	IE DELETED		
2195	2243	Intra Domain Connection of RAN Nodes to Multiple CN Nodes	Rel-5	S2	No	IUFLEX	02/10/2000	28/06/2002	100%	23.236	SP-000619	Rel5 by AS.		
2206	2320	<i>Deleted - GERAN improvements 3 (new transport layer on interface A)</i>	Rel-5	GP	No	GEIMP3	06/04/2001	20/12/2002	100%	-	GP-010909	ipped 12/2008		
2210	501142	Rel-5 Charging and OAM&P	Rel-5	S5	No	OAM	10/09/2001	12/09/2002	100%	-	SP-010461	-		
2215	2392	GERAN enhancements for streaming services 1 (RLC enhancem	Rel-5	GP	No	-	06/11/2000	28/06/2002	100%	-	GP--010429	-		
2218	2396	GERAN enhancements for streaming services 2 (usage of ECSD)	Rel-5	GP	No	-	06/11/2000	28/06/2002	100%	-	GP-010430	la, Vodafone		
2224	2412	GERAN/UTRAN interface evolution 1 (evolution of Iu PS)	Rel-5	GP,R3	No	GERUEV1	01/09/2000	28/06/2002	100%	-	GP-010481	sson, Nortel		
2228	2416	GERAN/UTRAN interface evolution 2 (evolution of Iu CS)	Rel-5	GP,R3	No	GERUEV2	01/09/2000	28/06/2002	100%	-	GP-010417	-		
2232	2556	End to End QoS for PS Domain including IMS	Rel-5	S2	No	E2EQoS	28/08/2000	28/06/2002	100%	-	SP-010343	-		
2236	2569	Messaging enhancements Rel-5	Rel-5	T2	No	MESS5	15/06/2001	31/03/2003	100%	-	-	% complete		
2245	50001	GERAN Inter BSC NACC improvements over the Gb Interface	Rel-5	GP	No	GERNACC	03/09/2001	28/06/2002	100%	-	GP-012313	-		
2252	50033	Enhanced Power Control	Rel-5	GP	No	EPC	26/11/2001	19/12/2003	100%	-	GP-012748	-		
2256	50037	8PSK AMR HR	Rel-5	GP	No	8PSK-AH	10/12/2001	19/12/2003	100%	-	GP-012752	ted for Rel-5		
2268	13000	Service Change and UDI Fallback	Rel-5	N3	No	SCUDIF	08/10/2001	07/06/2002	100%	29.007, 27.001, 24	NP-020164	-		
2269	501800	Rel-5 USIM toolkit enhancements	Rel-5	T3	No	USAT1-Interpr	05/06/2000	26/09/2003	100%	-	not needed	-		
2277	30001	(Small) Technical Enhancements and Improvements for Rel-5	Rel-5	All	No	TEI5	03/01/2000	31/12/2008	100%	-	-	on the system		
2278	25018	Test - (Small) Technical Enhancements and Improvements for Re	Rel-5	R5,T1	Yes	TEI5_Test	03/01/2000	31/12/2008	100%	34.108, 34.109, 34	Work_Items	n/testing WP.		
2279	31013	Technical Report on UE Functionality Split	Rel-5	S1	No	UESPLIT	03/01/2000	01/05/2000	100%	new TR 22.944	SP-010484	-		
2280	2520	User Equipment Management	Rel-5	S5	No	UEM	21/06/2001	28/06/2002	100%	32.802	SP-010286	-		
2282	50201	Flow control supporting an MS with multiple data flows with diffe	Rel-5	GP	No	FlowCon	24/06/2002	30/08/2002	100%	-	GP-021767	101 -> 50201		
2288	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	iced in Rel-5		
2295	2345	Alignment of 3G functional split and Iu	Rel-5	GP	No	GER3GAL	08/06/2000	19/12/2003	100%	-	GP-021256	is, Vodafone		
2342	2330	GERAN support for IMS	Rel-5	GP	No	GERIMS	01/05/2000	20/12/2002	100%	-	GP-010420	ns, Motorola		
2355	54001	MS Conformance Testing of Dual Transfer Mode	Rel-5	G4,G5	No	MSCTDTM	11/11/2002	07/02/2003	100%	-	GP-023236	ie DTM (R99)		
2356	32033	Handling of early UEs	Rel-5	S2	No	LATE_UE	03/01/2000	27/06/2003	100%	-	SP-030125	-		
2361	0	Release 4 Features	Rel-4	R,P,SP,TP	No	-	03/01/2000	30/03/2001	100%	-	-	-		
2362	1861	Miscellaneous UE Conformance Testing Activities	Rel-4	T1	No	MISTST1	02/04/2001	01/12/2004	100%	-	not needed	-		
2370	1340	Facsimile	Rel-4	S1	No	FAX	22/02/2000	23/06/2000	100%	-	SP-000169	-		
2377	1539	Transparent End-to-End PS mobile streaming application	Rel-4	S4	No	PSTREAM	03/04/2000	21/03/2001	100%	26.233, 26.234	SP-000345	-		
2378	1818	Multimedia Messaging	Rel-4	T2,S1	No	MMS	22/02/2000	14/03/2001	100%	22.140, 23.140	TP-000078	-		
2385	1541	Transcoder-Free Operation	Rel-4	N4,S2,N1	No	TrFO	03/01/2000	30/03/2001	100%	-	-	I4 from CN...		
2394	2310	GERAN improvements 1 (Gb over IP)	Rel-4	GP	No	GEIMP1	09/05/2000	19/03/2001	100%	-	GP-000433	-		
2398	2314	GERAN improvements 2 (NACC)	Rel-4	GP	No	GEIMP2	06/11/2000	10/06/2003	100%	-	GP-012812	-		
2407	2324	GERAN improvements 4 (Delayed TBF)	Rel-4	GP	No	GEIMP4	15/01/2001	08/06/2001	100%	-	GP-010363	-		
2414	1222	Low Chip Rate TDD option	Rel-4	R1	No	LCRTDD	19/07/2000	02/12/2003	100%	-	RAN_Wis	-		

ID	Jnique_IC	Name	Release	Resource Names	Modific	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	Notes	Qtr 1, 2011	
													Nov	Jan
2426	1322	Enable bearer independent CS architecture	Rel-4	S2	No	CSSPLIT	03/01/2000	01/03/2002	100%	-	SP-000288	-		
2437	1445	MExE enhancements Rel-4	Rel-4	T2	No	MEXE	03/01/2000	14/12/2001	100%	-	TP-030052	-		
2445	1631	Tandem Free aspects for 3G and between 2G and 3G systems	Rel-4	S4	No	TFO	22/02/2000	15/06/2001	100%	-	-	ing in 3G R99		
2451	2230	Advanced Speech Call Items enhancements_REL-4	Rel-4	N1	No	ASCI	03/12/2000	14/03/2002	100%	-	NP-000730	red at CN#10		
2454	2403	700 MHz spectrum support	Rel-4	GP	No	700SS	03/01/2000	20/12/2002	100%	-	GP-000449	-		
2463	2463	Operator Determined Barring for Packet Oriented Services	Rel-4	NP	No	ODB	01/06/2000	19/03/2001	100%	-	NP-010089	id for tracking		
2464	2546	UMTS QoS Architecture for PS Domain	Rel-4	S2	No	QoSSPS	03/01/2000	27/11/2002	100%	-	SP-010342	-		
2483	1993	(Small) Technical Enhancements and Improvements for Rel-4	Rel-4	All	No	TEI4	03/01/2000	30/03/2001	100%	-	-	on the system		
2484	25017	Test - (Small) Technical Enhancements and Improvements for Re	Rel-4	R5,T1	Yes	TEI4_Test	03/01/2000	30/03/2001	100%	-	. Work Items	n/Testing WP		
2485	400002	Rel-4 Evolutions of the transport in the UTRAN	Rel-4	RP	No	ETRAN	21/08/2000	23/08/2002	100%	-	RAN Wis	-		
2490	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	-		
2498	401216	Rel-4 Improvements of Radio Interface	Rel-4	RP	No	RInImp	10/07/2000	14/03/2003	100%	-	RAN Wis	-		
2513	400009	Rel-4 RAN improvements	Rel-4	RP	No	RANimp	14/08/2000	17/03/2004	100%	-	RAN Wis	-		
2523	401652	Rel-4 Emergency call enhancements	Rel-4	N1,S1,T1	No	EMC1	03/01/2000	28/05/2002	100%	-	-	-		
2530	401826	Rel-4 Terminal interfaces	Rel-4	T2	No	TI	03/01/2000	15/03/2001	100%	-	not needed	-		
2536	401536	Rel-4 Location Services enhancements	Rel-4	S2	No	LCS1	03/04/2000	28/12/2001	100%	-	SP-010518	-		
2549	401560	Rel-4 UICC/(U)SIM enhancements and interworking	Rel-4	T3	No	UICC1	24/07/2000	23/03/2001	100%	-	not needed	-		
2551	401800	Rel-4 (U)SIM toolkit enhancements	Rel-4	T3	No	USAT1-LocLnk	05/06/2000	23/03/2001	100%	-	not needed	-		
2553	401571	Rel-4 Security enhancements	Rel-4	S3	No	-	03/01/2000	15/03/2002	100%	-	SP-000421	IE DELETED		
2563	401142	Rel-4 Charging and OAM&P	Rel-4	S5	No	OAM	01/12/2000	05/10/2001	100%	-	SP-010461	pproved WID		
2570	1517	Global Text Telephony	Rel-4	S4,T1,R5	No	GTT	03/01/2000	18/09/2009	100%	-	SP-010340	=>SP-010340		
2577	0	Release 1999 Features	R99	TP,SMG	No	-	01/01/1999	31/12/1999	100%	-	-	-		
2578	60150	UMTS Features	R99	N3,N4,RP	No	-	01/01/1999	31/12/1999	100%	-	-	-		
2590	60151	UMTS and GSM Features	R99	N4,R2,R3	No	-	01/01/1999	31/12/1999	100%	-	-	-		
2645	60152	GSM Features	R99	N2,N3,N4	No	-	01/01/1999	31/12/1999	100%	-	-	-		
2669	60153	GSM Features transposed to UMTS	R99	T2,N2,N4	No	-	01/01/1999	31/12/1999	100%	-	-	-		
2677	60154	Charging	R99	S1,S5	No	CH	01/01/1999	31/12/1999	100%	-	-	-		
2680	60155	Operations, Administration, Maintenance and Provisioning (OAM	R99	S5	No	OAM	01/01/1999	31/12/1999	100%	-	SP-99581	0 Work plan		
2686	60106	Vocabulary	R99	S1	No	Vocabulary	01/01/1999	31/12/1999	100%	21.905	-	-		
2687	60037	Emergency	R99	S1	No	Emergency	01/01/1999	31/12/1999	100%	22.101	-	-		
2688	60049	GSM General Bearer Services (GBS) and interworking scenarios	R99	S1	No	GSM_to_UMTS_Evol	01/01/1999	31/12/1999	100%	22.105	-	ified in 02.02		
2689	60043	GPRS_Mobile_IP_interworking	R99	N3	No	GPRS_Mobile_IP_int	01/01/1999	31/12/1999	100%	29.061	-	-		
2690	60046	GSM/UMTS interworking	R99	i,S1,SMG	No	2G3Ginterworking	01/01/1999	31/12/1999	100%	03.22, 04.18, 04.6	-	-		
2691	60050	Handover	R99	N1,N2,N4	No	Handover	01/01/1999	31/12/1999	100%	04.18, 08.08, 08.5	-	-		
2692	60120	2G3Ghandover	R99	SMG2	No	2G3Ghandover	01/01/1999	31/12/1999	100%	04.18, 04.60, 05.0	-	-		
2693	60088	Service Provider Name Indication	R99	S1	No	SPANME	01/01/1999	31/12/1999	100%	22.101	-	ation for R99		
2694	60026	Data & Data_CleanUp	R99	SMG1	No	Data, Data_CleanUp	01/01/1999	31/12/1999	100%	02.01, 02.02, 02.0	-	-		
2695	60125	Unstructured Supplementary Service Data	R99	SMG1,N4	No	USSD	01/01/1999	31/12/1999	100%	02.04, 02.90, 23.0	-	ures for R99.		
2696	60126	Man-Machine Interface (MMI) of the User Equipment (UE)	R99	SMG1	No	MMI	01/01/1999	31/12/1999	100%	22.030	-	Call Rejection		
2697	60127	Network Identity and Timezone (NITZ)	R99	S1,SMG3	No	NITZ	01/01/1999	31/12/1999	100%	02.42, 04.08	-	-		
2698	60128	Operator Determined Barring for Packet Oriented Services	R99	S1	No	ODB_Enh.	01/01/1999	31/12/1999	100%	22.041	-	ces from R99		
2699	60068	Packet Flow Management	R99	SMG2	No	Packet_Flow_Manage	01/01/1999	31/12/1999	100%	08.18	-	-		
2700	60044	GPRS_Point-To-Multipoint Group call	R99	SMG1	No	GPRS_PTMG	01/01/1999	31/12/1999	100%	02.60	-	-		

ID	Jnique_IC	Name	Release	Resource Names	Modific	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	Notes	Qtr 1, 2011	
													Nov	Jan
2701	60156	Call Forwarding	R99	S1,N2,N4	No	-	01/01/1999	31/12/1999	100%	-	-	-		
2705	60157	Quality of Service	R99	N1,N2,N4	No	-	01/01/1999	31/12/1999	100%	-	-	Management		
2710	60129	Support of Localised Service Area	R99	SMG7,N2	No	SoLSA	01/01/1999	31/12/1999	100%	04.08, 04.18, 08.0	-	ures for R99.		
2711	60100	Transcoder_location	R99	S2	No	Transcoder_location	01/01/1999	31/12/1999	100%	23.110	-	cess stratum.		
2712	60113	Antenna_test_methods	R99	SMG2	No	Antenna_test_methoc	01/01/1999	31/12/1999	100%	03.30	-	-		
2713	60107	WBAMR / high quality speech in UMTS Phase 1 but not in R99	R99	S1	No	WBAMR	01/01/1999	31/12/1999	100%	22.105	-	ut not in R99		
2714	60138	Codec	R99	S4	No	-	01/01/1999	31/12/1999	100%	-	-	-		
2721	60143	Advanced Speech Call Items enhancements	R99	N4,S1,T2	No	ASCI	01/01/1999	31/12/1999	100%	02.30, 02.68, 03.6	-	-		
2722	60009	Call Control improvements	R99	N1	No	CC_Related_items	01/01/1999	31/12/1999	100%	24.007, 24.008	-	! (NP-99441).		
2723	60059	Multimedia	R99	N1,N3	No	Multimedia	01/01/1999	31/12/1999	100%	24.008, 27.001, 29	-	-		
2724	60089	Sub-System Number allocation for RANAP, RNSAP	R99	N2	No	SSN_allocation	01/01/1999	31/12/1999	100%	23.003	-	plication Part		
2725	60053	Intranet / ISP access with DHCP end-to-end	R99	N3	No	ISPaccess	01/01/1999	31/12/1999	100%	29.061	-	IP end to end		
2726	60072	Point_to_Multipoint_Services	R99	N3	No	Point_to_Multipoint_S	01/01/1999	31/12/1999	100%	29.061	-	icast protocol		
2727	60146	Facsimile	R99	S1	No	FAX	01/01/1999	31/12/1999	100%	22.003, 22.100	-	-		
2728	60081	Realtime_NT_FAX_in_UMTS	R99	N3	No	Realtime_NT_FAX_in	01/01/1999	31/12/1999	100%	27.001, 27.003	-	nsparent FAX		
2729	60042	Gateway Location Register (GLR) - Mobile Application Part (MAP	R99	N4	No	GLR	01/01/1999	31/12/1999	100%	29.120	-	-		
2730	60056	Multiple Subscriber Profile phase 2	R99	S1,N4	No	MSP2	01/01/1999	31/12/1999	100%	22.097, 23.072, 23	-	-		
2731	60074	Prepaging	R99	N2,N4	No	Prepaging	01/01/1999	31/12/1999	100%	23.018, 23.082, 29	-	-		
2732	60148	Downlink Advanced Receiver Performance	R99	SMG	No	-	01/01/1999	31/12/1999	100%	05.09	-	for DARP MS		
2733	60051	Harmonized Standard	R99	SMG2	No	HS	01/01/1999	31/12/1999	100%	13.21	-	-		
2734	60090	Streamlining of specifications	R99	N3	No	Streamlining	01/01/1999	31/12/1999	100%	27.060, 29.061	-	-		
2735	60079	R99_Service_Clean_up	R99	N3	No	R99_Service_Clean_	01/01/1999	31/12/1999	100%	03.10, 27.001, 27.0	-	-		
2736	60094	(Small) Technical Enhancements and Improvements for R99	R99	N3	No	TEI	01/01/1999	31/12/1999	100%	-	-	-		
2739	25016	R99 UE Conformance Testing	R99	R5,T1	No	TEI_Test	01/01/1999	31/12/1999	100%	34.108, 34.121, 34	-	PP standard.		
2747	60028	<i>Deleted - Dual Tone Multi-Frequency signalling : Support in the whole 3GPP system</i>	R99	N1	No	DTMF	01/01/1999	31/12/1999	100%	23.014 CR#0004	-	under this WI		
2748	60052	<i>Deleted - Intersystem_Change</i>	R99	SMG	No	Intersystem_Change	01/01/1999	31/12/1999	100%	04.18 CR#A243	-	under this WI		
2749	60054	<i>Deleted - Long_Forwardedto_Numbers</i>	R99	N2	No	Long_Forwardedto_h	01/01/1999	31/12/1999	100%	29.002	-	-		
2750	60080	<i>Deleted - RANimp-FSEarlyUE</i>	R99	R3	No	RANimp-FSEarlyUE	01/01/1999	31/12/1999	100%	25.413 CR#0520, i	-	under this WI		
2751	0	Release 1999 Studies	R99	S1,T2	No	-	01/01/1999	31/12/1999	100%	-	-	-		
2752	60061	Advanced Addressing/Numbering	R99	S1	No	Numbering	01/01/1999	31/12/1999	100%	22.975	-	ing for UMTS		
2753	60161	Combined GSM and Mobile IP mobility handling in UMTS IP CN	R99	S2	No	-	01/01/1999	31/12/1999	100%	23.923	-	SMG 98/0760		
2754	60101	UE Capabilities Requirements	R99	T2	No	UCR	01/01/1999	31/12/1999	100%	21.904	-	TP-000022	SG-T closure	
2755	60158	Electrical safety requirements and regulations	R99	T2	No	-	01/01/1999	31/12/1999	100%	34.907	-	TP-000022	ries / regions.	
2756	60159	Specific Absorbion Rate (SAR) requirements and regulations in	R99	T2	No	-	01/01/1999	31/12/1999	100%	34.925	-	TP-000022	3G-T closure.	
2757	60160	Multi-mode UE issues	R99	T2	No	-	01/01/1999	31/12/1999	100%	21.810, 21.910	-	TP-000022	arios in specs	
2758	60162	Provision of fax service in GSM and UMTS	R99	T2	No	-	01/01/1999	31/12/1999	100%	22.945	-	-	#28: C1->C3	
2759	60163	Separating Radio Resources and Mobility Management specific f	R99	T2	No	-	19/09/2003	16/03/2006	100%	23.814	-	-	of CN and T.	

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Date: 15/12/2010

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			