ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S o	Notes
1	1	0	Version 2011 Dec 14	-	1	-	-	03/01/2000	03/01/2000	100%	-	-	-	09/02/2010		-
2	2	0	Rel-11 Stage 1 frozen 09/2011	-	1	-	-	03/01/2000	03/01/2000	100%	-	-	-	09/02/2010		-
3	3	0	Rel-11 Stage 2 freeze 03/2012	-	1	-	-	03/01/2000	03/01/2000	100%	-	-	-	09/02/2010		-
4	4	0	Rel-11 Stage 3 freeze 09/2012	-	1	-	-	03/01/2000	03/01/2000	100%	-	-	-	09/02/2010		-
5	5	0	*Gantt: dark blue=done; light blue=to be done; gı*	-	1	-	-	03/01/2000	03/01/2000	100%	-	-	-	09/02/2010		-
6	6	0	Release 12 Features	-	1	Rel-12	SP,CP	22/09/2011	24/12/2013	0%	-	-	-	08/09/2011		-
7	7	530042	IMS-based Telepresence	IMS_TELEP	1	Rel-12	S1	22/09/2011	20/06/2012	50%	SP-110588	Orange	›m	15/09/2011		-
9	9	530043	Service and Media Reachability for U	SMURFs	1	Rel-12	S1	21/09/2011	20/06/2012	20%	SP-110653	Vodafone	:om	15/09/2011		-
11	11	470030	Codec for Enhanced Voice Services	EVS_codec	1	Rel-12	S4,S1	25/03/2010	20/09/2013	40%	SP-100202	Huawei	:om	01/09/2010		SP#47 Stage 1 compl
14	14	500028	LIPA Mobility and SIPTO at the Loca	LIMONET	1	Rel-12	S2,C4,C1	15/10/2010	06/12/2013	6%	SP-100705	Huawei	:om	26/11/2011		SP#54 moved to Rel-:
23	23	0	Release 12 Studies	-	1	Rel-12	SP,CP	22/09/2011	24/12/2013	0%	-	-	-	15/09/2011		-
24	24	460025	Study on UICC/USIM enhancements	FS_U2e	1	Rel-12	S1	10/12/2009	12/12/2012	55%	SP-090903	Giesecke & D	ɔm	29/11/2011		SP#54 considered for (
25	25	470020	Study on Alternatives to E.164 for M	FS_AMTC	1	Rel-12	S1	25/03/2010	20/06/2012	80%	SP-100198	T-Mobile USA	com	29/11/2011		SP#53 TR 22.988v100
26	26	480032	Study on enhancements for Machin	FS_MTCe	1	Rel-12	S1	10/06/2010	20/06/2012	40%	SP-100448	Huawei	com	24/08/2011		SP#53 completion 09/1
27	27	490035	Study on Integration of Single Sign-	FS_SSO_Int	1	Rel-12	S1	23/09/2010	07/03/2012	95%	SP-100640	InterDigital	:om	29/11/2011		SP#54 completion 12/1
28	28	500035	Study on Continuity of Data Sessior	FS_CSN	1	Rel-12	S1	16/12/2010	14/12/2011	100%	SP-100885	NEC	ɔ.eu	29/11/2011		SP#54 completed. Link
29	29	500036	Study on non-MTC Mobile Data App	FS_MODAI	1	Rel-12	S1	16/12/2010	14/12/2011	100%	SP-100889	Huawei, Chin	ıg Li	29/11/2011		SP#54 completed. Link
30	30	530044	Study on Proximity-based Services	FS_ProSe	1	Rel-12	S1	22/09/2011	12/09/2012	10%	SP-110638	Qualcomm	om)	29/11/2011		-
31	31	540027	Study on User Plane Congestion ma	FS_UPCON	1	Rel-12	S1	14/12/2011	20/06/2012	0%	SP-110819	KDDI	om)	06/12/2011		Linked to SAPP (Servi
32	32	540028	Study on RAN Sharing Enhancemen	FS_RSE	1	Rel-12	S1	14/12/2011	20/06/2012	0%	SP-110820	NEC	ɔ.eu	06/12/2011		Extend Rel-6 Network
33	33	410043	Study on Multi Access PDN connect	FS_MAPIM	1	Rel-12	S2,S1	08/08/2008	20/06/2012	76%	SP-110452	Qualcomm,	om)	28/11/2011		SP#54 moved to Rel-:
36	36	520035	Study on Usage Monitoring Control	FS_UMONC	1	Rel-12	S2,S1,S5	08/06/2011	19/09/2012	8%	SP-110434	ZTE, Huawei	-	28/11/2011		SP#54 moved to Rel-:
39	39	500034	Study on Security aspects of Integra	FS_SSO_Int_Sec	1	Rel-12	S3	16/12/2010	19/09/2012	25%	SP-100734	Ericsson	com	08/12/2011		SP#54 moved to Rel-1
40	40	530047	Study on IMS Firewall Traversal	FS_iFire	1	Rel-12	S3	17/06/2011	19/09/2012	15%	SP-110654	Acme Packet	om)	08/12/2011		SP#54 moved to Rel-1
41	41	0	Release 11 Features	-	1	Rel-11	SP,CP,GI	29/03/2010	23/12/2011	20%	-	-	-	09/02/2010		-
42	42	470051	Advanced IP Interconnection of Ser	IPXS	1	Rel-11	S1,S2,C1	25/03/2010	14/09/2012	56%	SP-100876	Telefónica	com	02/12/2010		SP#53 Stage 1 compl
48	48	480030	System Improvements to Machine-T	SIMTC	1	Rel-11	S1,S2,S3	10/06/2010	14/09/2012	50%	SP-110877	KPN	o.nl	13/12/2011		SP#54 updated WID S
89	89	480031	Unstructured Supplementary Servic	USSI	1	Rel-11	S1,C1,C3	10/06/2010	14/09/2012	32%	SP-100408	Deutsche Te	e.at	07/06/2010		SP#48 approved WID
94	94	490030	SIPTO Service Continuity of IP Data	SIPTO_SC	1	Rel-11	S1	23/09/2010	21/09/2011	100%	SP-100589	Vodafone	:om	15/09/2010		SP#53 Stage 1 compl
96	96	490031	QoS Control Based on Subscriber S	QoS_SSL	1	Rel-11	S1,S2,S5	23/09/2010	20/06/2012	75%	SP-110519	Vodafone	:om	24/08/2011		SP#53 updated WID S
##	101	490032	Optimized Service Charging and All	OSCAR	1	Rel-11	S1,S2	23/09/2010	07/03/2012	57%	SP-110347	Vodafone	:om	24/08/2011		SP#53 Stage 1 compl
##	105	500030	Non Voice Emergency Services	NOVES	1	Rel-11	S1,S2	16/12/2010	07/03/2012	93%	SP-100884	Qualcomm	:om	24/08/2011		SP#53 Stage 1 compl
##	108	510047	Support for 3GPP Voice Interworkin	VINE	1	Rel-11	S1,C1	23/03/2011	14/09/2012	22%	SP-110176	Tatara Syste	om)	08/09/2011		SP#53 Stage 1 compl
##	112	520027	IMS Network-Independent Public Us	INIPUI	1	Rel-11	S1	08/06/2011	21/09/2011	100%	SP-110381	Vodafone	:om	24/08/2011		SP#53 Stage 1 compl
##	114	520028	Anonymous Call Rejection in the CS	ACR_CS	1	Rel-11	S1,C4,C3	07/06/2011	02/12/2011	100%	SP-110421	Alcatel-Luce	:om	23/11/2011		CP#54 completed
##	119	460026	Support for BroadBand Forum Acce	BBAI	1	Rel-11	S2,S1,C1	10/12/2009	19/09/2012	28%	SP-110647	Ericsson, Hu	:om	21/09/2011		SP#53 Stage 1 compl
##	143	480035	Single Radio Voice Call Continuity (	eMPS_SRVCC	1	Rel-11	S2	10/06/2010	21/09/2011	100%	SP-110346	NTT DoCoM	›.jp)	12/08/2011		SP#53 Stage 2 compl
##	146	500026	Single Radio Video Call Continuity f	vSRVCC	1	Rel-11	S2,C1,C3	15/10/2010	02/03/2012	99%	SP-100704	Samsung	om)	13/12/2010		Complete Stage 2 to :
##	152	480038	Network Provided Location Informat	NWK-PL2IMS	1	Rel-11	S2,S1,S5	10/06/2010	12/09/2012	50%	SP-110631	T-Mobile	.uk	21/09/2011		SP#53 Stage 1 compl
##	157	500031	Interworking between Mobile Operat	MOSAP	1	Rel-11	S1,S2	16/12/2010	20/06/2012	34%	SP-110350	Cisco	om)	06/12/2011		SP#54 completion 06
##	161	500032	Service Awareness and Privacy Poli	SAPP	1	Rel-11	S2,S1,C3	12/10/2010	02/12/2011	100%	SP-100882	Allot Commu	om)	12/08/2011		CP#54 completed. Tri
##	165	500033	VPLMN Autonomous CSG Roaming	VCSG	1	Rel-11	S2,C4	15/10/2010	02/03/2012	82%	SP-100706	Qualcomm	om)	25/10/2011		SP#54 Stage 2 compl
##	168	510048	Data Identification in Access Netwo	DIDA	1	Rel-11	S2	23/03/2011	07/03/2012	66%	SP-110084	Qualcomm	om)	22/03/2011		Linked to Rel-10 IFOM

ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S op	Notes
##	171	510049	Operator Policies for IP Interface Se	OPIIS	1	Rel-11	S2	23/03/2011	20/06/2012	23%	SP-110222	LG Electroni	:om	06/12/2011		SP#54 completion 06
##	174	510050	LOcation-Based Selection of gaTEw	LOBSTER	1	Rel-11	S2	23/03/2011	15/06/2012	41%	SP-110752	ZTE	ı.cn	06/12/2011		SP#54 Stage 2 compl
##	179	520029	Short Message Service (SMS) subm	SMSMI	1	Rel-11	S2	08/06/2011	07/03/2012	32%	SP-110470	Nokia Sieme	:om	15/09/2011		SP#53 updated WID S
##	182	530001	Single Radio Voice Call Continuity f	rSRVCC	1	Rel-11	S2,C1,C3	12/09/2011	07/09/2012	8%	SP-110475	Orange	:om	20/09/2011		Stage 1 in Rel-8 TS 2
##	191	530046	S2a Mobility based On GTP and WL	SaMOG_WLAN	1	Rel-11	S2,C4,C1	22/09/2011	15/06/2012	0%	SP-110642	ZTE	.cn)	13/12/2011		Triggered by Rel-11 T
##	197	540029	Roaming Architecture for Voice ove	RAVEL	1	Rel-11	S2,S5	28/11/2011	14/09/2012	6%	SP-110753	Deutsche Te	:om	28/11/2011		SP#54 Stage 2 compl
##	200	520030	Rel-11 Security small Enhancements	Sec11	1	Rel-11	S3.C4,C1	04/06/2009	12/09/2012	57%	not applicable	-	-	19/04/2011		-
##	217	520033	Extensions of Acoustic Test Specifi	Ext_ATS	1	Rel-11	S4	08/06/2011	12/09/2012	15%	SP-110309	Orange, Qual	om)	12/11/2011		-
##	218	530048	Enhancements to Multimedia: PSS,	EMM	1	Rel-11	S4	07/09/2011	12/09/2012	5%	SP-110878	Qualcomm	om)	13/12/2011		Stage 3. SP#54 updat
##	222	510051	Rel-11 Operations, Administration, M	OAM11	1	Rel-11	S5	23/03/2011	12/12/2012	37%	TR 30.821	-	-	22/02/2011		-
##	235	510052	Rel-11 Charging Management small	CH11	1	Rel-11	S5	25/03/2010	21/09/2011	100%	TR 30.821	-	-	22/02/2011		-
##	238	510029	Transit Inter Operator Identifier for I	IOI_IMS_CH	1	Rel-11	S5,S1,C1	27/10/2010	14/09/2012	80%	SP-110132	Deutsche Te	ı.de	23/05/2011		Stage 2/3. Coordinati
##	242	480011	User Data Convergence - Data Mode	UDC_DM	1	Rel-11	C4,S1	25/03/2010	14/09/2012	36%	CP-110384	Telecom Ital	ia.it	01/06/2011		CP#52 updated WID (
##	246	510004	Definition of the UICC Application fo	HPM_UICC	1	Rel-11	C6	18/03/2011	16/03/2012	75%	CP-110289	Gemalto	com	01/09/2011		Defines Stage 3 for UI(
##	247	520007	Usability improvement of II-NNI spe	NNI_OI	1	Rel-11	C3	07/06/2011	02/03/2012	70%	CP-110533	NTT	:o.jp	24/11/2011		CP#53 completion 12/1
##	248	520008	enhanced Nodes Restoration for EP	eNR_EPC	1	Rel-11	C4,C1	03/06/2011	15/06/2012	13%	CP-110925	ZTE	ı.cn	08/12/2011		CP#54 updated WID =
##	251	520009	Reference Location Information	RLI	1	Rel-11	C4,C1	03/06/2011	16/09/2011	100%	CP-110386	Huawei	:om	01/06/2011		CP#53 completed. St
##	254	520010	IMS Stage-3 IETF Protocol Alignmer	IMSProtoc5	1	Rel-11	C1,C3	07/06/2011	14/09/2012	30%	CP-110437	Alcatel-Luce	:om	01/06/2011		Stage 3
##	257	530018	IMS Emergency PSAP Callback (Sta	EMC_PC	1	Rel-11	C1,C3,IE	16/09/2011	14/09/2012	0%	CP-110725	Ericsson	:om	15/09/2011		Stage 3 (Dependency
##	261	530019	SAE Protocol Development	SAES2	1	Rel-11	C1	16/09/2011	14/09/2012	40%	CP-110639	Nokia Sieme	:om	30/08/2011		Stage 3 continuation
##	264	530020	GCSMSC and GCR Redundancy for	RT_VGCS_Red	1	Rel-11	C1,C4	19/09/2011	16/03/2012	0%	CP-110640	Nokia Sieme	:om	27/08/2011		Stage 2/3 adding a CI
##	267	530021	Inclusion of Media Resource Broker	MRB	1	Rel-11	C1,IETF	16/09/2011	14/09/2012	21%	CP-110642	AT&T	om)	08/09/2011		Stage 2/3
##	271	540015	Support of RFC 6140 in IMS	GINI	1	Rel-11	C1	02/12/2011	15/06/2012	0%	CP-110760	Deutsche Tel	n.de	22/11/2011		Stage 3. Support proce
##	272	540016	Enhancement of the Protocols for S	PROTOC_SMS_S	1	Rel-11	C4,C1	02/12/2011	07/09/2012	0%	CP-110805	Alcatel-Luce	:om	23/11/2011		Stage 3
##	276	540017	Enhancements for Multimedia Priori	eMPS_Gateway	1	Rel-11	C4,C3	02/12/2011	15/06/2012	0%	CP-110806	Telcordia	aikh	23/11/2011		Stage 3. Stage 1 for M
##	279	510001	Full Support of Multi-Operator Core	Full_MOCN-GERA	1	Rel-11	S1,G2,S2	04/03/2011	14/09/2012	49%	GP-111459	Alcatel-Luce	:om	06/09/2011		GP#51 updated WID (
##	283	530002	Introduction of ER-GSM band for GS	RT_ERGSM	1	Rel-11	G1,C1	16/09/2011	16/03/2012	8%	GP-111468	Kapsch Carr	.net	06/09/2011		Use of band 870-876/
##	286	530003	Service Identification for RRC Impro	SIRIG	1	Rel-11	C4,G2	19/09/2011	15/06/2012	0%	CP-110929	China Mobil	:om	23/11/2011		Stage 3. CP#54 WI lea
##	289	500020	Extending 850 MHz Upper Band (81	e850_UB	1	Rel-11	R4,R2,R3	10/12/2010	15/06/2012	63%	RP-111396	Sprint	:om	16/09/2011		RP#53 moved to Rel-
##	293	530030	Further Self Optimizing Networks (S	SONenh2_LTE_U	1	Rel-11	R3,R2	19/09/2011	21/09/2012	10%	RP-111629	Nokia Sieme	:om	07/12/2011		Stage 1,2,3. RP#54 up
##	295	530033	Enhancement of Minimization of Dri	eMDT_UMTSLTE	1	Rel-11	R2,R1,R3	19/09/2011	21/09/2012	10%	RP-111361	MediaTek	son	15/09/2011		Stage 2,3
##	297	530037	E-UTRA medium range and MSR me	medBS_class_LT	1	Rel-11	R4,G1	19/09/2011	14/09/2012	4%	RP-111383	Ericsson	öld	15/09/2011		Stage 3. GERAN BS F
##	301	540003	Medium range/local area requiremer	MRLA	1	Rel-11	G1	25/11/2011	31/08/2012	0%	GP-111780	Ericsson	röm	25/11/2011		
##	304	430011	Network-Based Positioning Support	LCS_LTE-NBPS	1	Rel-11	R2,R1,R3	09/03/2009	14/09/2012	27%	RP-101446	TruePositior	:om	13/04/2011		-
##	307	480026	Service continuity improvements fo	MBMS_LTE_SC	1	Rel-11	R2,R3	04/06/2010	02/03/2012	50%	RP-111374	Huawei	om	16/09/2011		-
##	309	480023	LTE Advanced Carrier Aggregation (	LTE_CA_B3_B7	1	Rel-11	R4	10/12/2010	07/12/2012	19%	RP-110702	TeliaSonera	:om	02/06/2011		In Europe Band 3,7,2
##	312	500017	LTE Advanced Carrier Aggregation (	LTE_CA_B4_B17	1	Rel-11	R4	10/12/2010	14/12/2012	5%	RP-111750	AT&T	om	07/12/2011		Stage 3. RP#54 updat
##	315	500018	LTE Advanced Carrier Aggregation (	LTE_CA_B4_B13	1	Rel-11	R4	10/12/2010	07/12/2012	19%	RP-111678	Ericsson	:om	07/12/2011		Stage 3. RP#54 updat
##	318	510030	LTE Carrier Aggregation Enhancem	LTE_CA_enh	1	Rel-11	R1,R2,R3	22/03/2011	15/03/2013	11%	RP-111749	Nokia	:om	16/09/2011		Stage 3. Triggered by
##	321	510022	LTE Advanced Carrier Aggregation (	LTE_CA_B4_B12	1	Rel-11	R4,R2	22/03/2011	07/12/2012	14%	RP-111316	Cox Commu	:om	13/09/2011		Stage 3. RP#53 revise
##	324	510023	LTE Advanced Carrier Aggregation (	LTE_CA_B5_B12	1	Rel-11	R4,R2	22/03/2011	07/12/2012	14%	RP-110372	US Cellular	ANY	02/06/2011		Stage 3 (DL/UL 20/10
##	327	510024	LTE Advanced Carrier Aggregation (	LTE_CA_B7_B20	1	Rel-11	R4	22/03/2011	07/12/2012	19%	RP-110403	Huawei	hen	02/06/2011		Stage 3 (DL/UL 30/20
##	330	510025	LTE Advanced Carrier Aggregation (	LTE_CA_B2_B17	1	Rel-11	R4	23/03/2011	07/12/2012	0%	RP-110432	AT&T	om	02/06/2011		Stage 3

ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S	Notes
##	333	510026	LTE Advanced Carrier Aggregation (	LTE_CA_B4_B5	1	Rel-11	R4	23/03/2011	07/12/2012	0%	RP-110433	AT&T	om	02/06/2011		Stage 3
##	336	510027	LTE Advanced Carrier Aggregation (	LTE_CA_B5_B17	1	Rel-11	R4	23/03/2011	07/12/2012	0%	RP-110434	AT&T	om	02/06/2011		Stage 3
##	339	510021	Further Enhanced Non CA-based IC	eICIC_enh_LTE	1	Rel-11	R1,R2,R3	22/03/2011	15/06/2012	25%	RP-111369	China Mobil	om)	25/05/2011		Stage 2/3
##	342	510028	New Band LTE Downlink FDD 716-7	LTE_DL_FDD700	1	Rel-11	R4	22/03/2011	14/09/2012	5%	RP-110435	AT&T	om	31/05/2011		Stage 3
##	345	510031	LTE RAN Enhancements for Diverse	LTE_eDDA	1	Rel-11	R2	18/03/2011	14/09/2012	10%	RP-111372	Research In	om)	14/03/2011		Stage 3 ?
##	347	510032	LTE E850 - Lower Band for Region 2	LTE_e850_LB	1	Rel-11	R1,R2,R4	22/03/2011	15/06/2012	12%	RP-110439	NII Holdings	:om	05/10/2011		Stage 3
##	350	510033	Carrier based HetNet ICIC for LTE	LTE_CA_HetNet_	1	Rel-11	R3,R1,R2	18/03/2011	15/06/2012	20%	RP-111111	Nokia Sieme	:om	14/03/2011		Stage 2/3
##	352	520015	LTE Advanced Carrier Aggregation i	LTE_CA_B38	1	Rel-11	R4	07/06/2011	07/12/2012	12%	RP-110862	Huawei	:om	02/06/2011		Stage 3
##	355	520016	LTE Advanced Carrier Aggregation i	LTE_CA_B41	1	Rel-11	R4	07/06/2011	07/12/2012	40%	RP-110673	Clearwire	:om	03/06/2011		Stage 3 linked to Rel
##	358	520017	LTE for 700 MHz Digital Dividend	LTE_APAC700	1	Rel-11	R4,R2,R3	07/06/2011	02/03/2012	15%	RP-110875	Ericsson	:om	02/06/2011		Stage 3 Asian Pacific
##	361	520019	Relays for LTE (part 2)	LTE_Relay2	1	Rel-11	R4	04/12/2009	15/06/2012	58%	RP-110914	Ericsson	n	06/06/2011		Continuation of Rel-1
##	364	530023	LTE Advanced Carrier Aggregation (	LTE_CA_B3_B20	1	Rel-11	R4	19/09/2011	07/12/2012	18%	RP-111212	Vodafone	:om	20/09/2011		Stage 3
##	367	530024	LTE Advanced Carrier Aggregation (	LTE_CA_B8_B20	1	Rel-11	R4	19/09/2011	07/12/2012	2%	RP-111213	Vodafone	:om	20/09/2011		Stage 3
##	370	530025	LTE Advanced Carrier Aggregation (	LTE_CA_B1_B7	1	Rel-11	R4	19/09/2011	07/12/2012	14%	RP-111357	China Telec	.cn)	15/09/2011		Stage 3
##	373	530026	LTE Advanced Carrier Aggregation (	LTE_CA_B3_B5	1	Rel-11	R4	19/09/2011	07/12/2012	14%	RP-111603	SK Telecom	RK	07/12/2011		Stage 3. RP#54 updat
##	376	530027	LTE Advanced Carrier Aggregation (	LTE_CA_B4_B7	1	Rel-11	R4	19/09/2011	07/12/2012	0%	RP-111358	Rogers Wire	:om	15/09/2011		Stage 3
##	379	530028	LTE Advanced Carrier Aggregation i	LTE_CA_B7	1	Rel-11	R4	19/09/2011	07/12/2012	9%	RP-111356	China Unico	.cn)	15/09/2011		Stage 3
##	382	530029	LTE Advanced Carrier Aggregation I	LTE_CA_NC_B25	1	Rel-11	R4	19/09/2011	14/06/2013	5%	RP-111371	Sprint	:om	15/09/2011		Stage 3
##	385	530031	Signalling and Procedure for Interfe	SPIA_IDC_LTE	1	Rel-11	R2,R4	19/09/2011	21/09/2012	4%	RP-111355	China Mobil	HU	15/09/2011		Stage 2,3
##	388	530032	Coordinated Multi-Point Operation f	COMP_LTE	1	Rel-11	R1,R2,R3	19/09/2011	07/12/2012	7%	RP-111365	Samsung, H	:om	15/09/2011		Stage 3. Triggered by
##	393	530036	Network Energy Saving for E-UTRAN	Netw_Energy_LT	1	Rel-11	R3	19/09/2011	02/03/2012	15%	RP-111376	China Mobil	om)	15/09/2011		Stage 2,3
##	395	450016	UE Over The Air (Antenna) conforma	UEAnt_FSTest	1	Rel-11	R4,R5	18/09/2009	15/06/2012	70%	RP-111381	CATR	om)	17/09/2011		RP#53 Core completi
##	398	500019	Eight carrier HSDPA	8C_HSDPA	1	Rel-11	R1,R2,R3	10/12/2010	07/12/2012	35%	RP-101419	Ericsson	:om	10/12/2010		Stage 3
##	401	500021	UE demodulation performance requ	LCR_TDD_UE_de	1	Rel-11	R4,R5	10/12/2010	15/06/2012	85%	RP-111244	China Mobil	om)	12/09/2011		RP#53 Perf complete
##	404	500022	Uplink Transmit Diversity for HSPA	HSPA_UL_TxDiv	1	Rel-11	R1,R4,R2	10/12/2010	14/09/2012	69%	RP-110374	Huawei	gjie	17/03/2011		Stage 2/3
##	409	510018	Introduction of New Configuration f	4C_HSDPA_Confi	1	Rel-11	R4,R2	22/03/2011	15/06/2012	37%	RP-110308	Telus Comm	n	01/06/2011		-
##	412	510019	Non-contiguous 4C-HSDPA operatic	NC_4C_HSDPA	1	Rel-11	R4,R2,R3	22/03/2011	07/12/2012	11%	RP-110416	Ericsson	:om	14/03/2011		UTRA
##	415	510020	Further Enhancements to CELL_FA	Cell_FACH_enh	1	Rel-11	R1,R2,R3	18/03/2011	07/12/2012	14%	RP-111321	Qualcomm	wal	16/09/2011		Stage 2/3
##	418	530034	HSDPA Multiflow Data Transmissior	HSDPA_MFTX	1	Rel-11	R2,R1,R3	19/09/2011	15/03/2013	4%	RP-111375	Nokia Sieme	nko	15/09/2011		Stage 2,3
##	421	530035	Four Branch MIMO transmission for	4Tx_HSDPA	1	Rel-11	R1,R2,R3	19/09/2011	15/03/2013	2%	RP-111393	Ericsson	:om	15/09/2011		Stage 3
##	424	540009	MIMO with 64QAM for HSUPA	MIMO_64QAM_H	1	Rel-11	R1,R2,R3	09/12/2011	14/06/2013	0%	RP-111642	Nokia Sieme	aho	07/12/2011		Stage 3
##	427	540024	HSDPA Dual-Band Multi-Carrier com	HSDPA_DB_MC	1	Rel-11	R4,R2	09/12/2011	07/12/2012	0%	RP-111642	Ericsson	:om	07/12/2011		Stage 3
##	430	540020	LTE Advanced Carrier Aggregation (	LTE_CA_B11_B1	1	Rel-11	R4,R2	09/12/2011	07/12/2012	0%	RP-111634	KDDI	ara	08/12/2011		Stage 3
##	433	540021	LTE Advanced Carrier Aggregation (	LTE_CA_B1_B18	1	Rel-11	R4,R2	09/12/2011	07/12/2012	0%	RP-111635	KDDI	ara	08/12/2011		Stage 3
##	436	540022	LTE Advanced Carrier Aggregation (	LTE_CA_B1_B19	1	Rel-11	R4,R2	09/12/2011	07/12/2012	0%	RP-111765	NTT DoCoM	.jp)	08/12/2011		Stage 3
##	439	540023	LTE Advanced Carrier Aggregation (	LTE_CA_B1_B21	1	Rel-11	R4,R2	09/12/2011	07/12/2012	0%	RP-111764	NTT DoCoM	.jp)	08/12/2011		Stage 3
##	442	540025	Enhanced downlink control channel	LTE_enh_dl_ctrl	1	Rel-11	R1,R2,R4	09/12/2011	15/03/2013	0%	RP-111767	Alcatel-Luce	com	08/12/2011		Stage 3
##	445	480004	(Small) Technical Enhancements an	TEI11	1	Rel-11	All	10/06/2010	23/12/2011	20%	not applicable	-	-	13/12/2010		SP#50 EU-Alert is intr
##	446	0	Release 11 Studies	-	1	Rel-11	SP,CP,GI	10/12/2009	19/06/2012	0%	-	-	-	09/02/2010		-
##	447	450047	Study on IMS based Peer-to-Peer Co	FS_IMS_P2P	1	Rel-11	S1,S2	12/05/2009	10/06/2010	100%	SP-090491	China Mobile	om)	28/05/2010		SP#48 completed
##	448	460024	Study on Non Voice Emergency Ser	FS_NOVES	1	Rel-11	S1	10/12/2009	21/09/2011	100%	SP-090897	Qualcomm	com	24/08/2011		SP#53 completed. Spir
##	449	480033	Study on Support for 3GPP Voice In	FS_VINE	1	Rel-11	S1,S2	23/09/2010	23/03/2011	100%	SP-100411	Tatara Syster	om)	06/06/2011		SP#51 TR 22.809 appr
##	450	490033	Study on IMS Network-Independent	FS_INIPUI	1	Rel-11	S1	23/09/2010	08/06/2011	100%	SP-100652	Vodafone	com	18/05/2011		SP#52 completed

ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S o	Notes
##	451	410041	**Study on IMS Evolution**	FS_eIMS	1	Rel-11	S2	18/09/2008	14/12/2011	100%	SP-100360	China Mobile	om)	28/11/2011		SP#54 completed
##	452	440047	**Study on Policy solutions and enhar**	FS_PP	1	Rel-11	S2,S1	04/06/2009	08/06/2011	100%	SP-090895	AT&T	com	26/05/2011		SP#52 completed
##	453	440048	**Study on IPv6 Migration**	FS_IP6M	1	Rel-11	S2	04/06/2009	08/06/2011	100%	SP-090362	China Mobile	om)	26/05/2011		SP#52 completed
##	454	460030	**Study on Single Radio Voice Call Co**	FS_rSRVCC	1	Rel-11	S2	10/12/2009	21/09/2011	100%	SP-090806	Orange	com	15/09/2011		SP#53 completed. Stu
##	**455**	**490034**	**Study on IMS based Peer-to-Peer Co**	**FS_IMS_P2P_CD**	**1**	**Rel-11**	**S2,S1**	**23/09/2010**	**15/06/2012**	**72%**	**SP-100567**	**China Mobil**	**om)**	**24/08/2011**		**Triggered by TR 22.9**
##	458	490036	**Study on Core Network Overload so**	FS_CNO	1	Rel-11	S2	23/09/2010	20/06/2012	60%	SP-110496	Huawei	com	06/12/2011		SP#54 completion 06/1
##	459	500037	**Study on System Enhancements for**	FS_SEEE	1	Rel-11	S2	16/12/2010	20/06/2012	15%	SP-100888	Huawei	com	06/12/2011		SP#54 completion 06/1
##	460	510061	**Study on S2a Mobility based On GTI**	FS_SaMOG	1	Rel-11	S2	23/03/2011	20/06/2012	80%	SP-110221	ZTE	.cn)	13/12/2011		SP#54 TR 23.852 v10
##	461	510044	**Study on Roaming Architecture for**	FS_RAVEL	1	Rel-11	S2	23/03/2011	14/12/2011	100%	SP-110087	Deutsche Tel	com	28/11/2011		SP#54 completed. Link
##	462	380084	**Study on UTRAN key management e**	FS_UKM	1	Rel-11	S3	20/12/2007	20/06/2012	95%	SP-090283	Ericsson	com	01/12/2011		SP#54 TR 33.859 v20
##	463	480043	**Study on Extended IMS Media Plane**	FS_eMEDIASEC	1	Rel-11	S3	10/06/2010	20/06/2012	70%	SP-100256	Vodafone	com	22/11/2011		SP#54 completion 12/1
##	464	480048	**Study on Single Sign On (SSO) Appl**	FS_SSO_APS	1	Rel-11	S3	10/06/2010	20/06/2012	90%	SP-100639	Nokia	com	22/11/2011		SP#54 completion 12/1
##	465	520036	**Study on Mobile 3D Video Coding**	FS_M3DVC	1	Rel-11	S4	08/06/2011	07/03/2012	60%	SP-110310	Orange	com	13/12/2011		SP#54 TR 26.905 v 10
##	466	470050	**Study on version handling**	FS_OAM_VH	1	Rel-11	S5	25/03/2010	12/09/2012	75%	SP-100082	Ericsson	com	22/11/2011		SP#54 completion 12/1
##	467	480047	**Study on Management of Converge**	FS_ManCon	1	Rel-11	S5	10/06/2010	12/09/2012	30%	SP-100377	Nokia Siemer	com	22/11/2011		SP#54 completion 12/1
##	468	490039	**Study on User Data Convergence (U**	FS_UDC_AppUse	1	Rel-11	S5	23/09/2010	14/12/2011	100%	SP-110127	Alcatel-Lucer	om)	22/11/2011		SP#54 completed
##	469	510045	**Study on OAM aspects of inter-RAT**	FS_OAM_ES_iRA	1	Rel-11	S5	23/03/2011	14/12/2011	100%	SP-110138	Nokia Siemer	com	22/11/2011		SP#54 completed. Trig
##	470	510046	**Study on management of Heterogen**	FS_OAM_HetNet	1	Rel-11	S5	23/03/2011	12/09/2012	15%	SP-110140	Ericsson	com	22/11/2011		SP#54 completion 12/1
##	471	540032	**Study on OAM aspects of Network S**	FS_OAM_SHARE	1	Rel-11	S5	07/12/2011	19/09/2012	0%	SP-110702	Alcatel-Lucer	com	12/12/2011		Linked to SP-110433 (
##	472	480015	**Study on impacts on UE-Core Netw**	FS_UE-CN_ES	1	Rel-11	C1	04/06/2010	03/06/2011	100%	CP-100330	NEC	eu	23/05/2011		CP#52 completed. Link
##	473	490014	**Study on EPC Nodes Restoration**	FS_EPC_NR	1	Rel-11	C4	17/09/2010	15/06/2012	79%	CP-100700	ZTE	n.cn	23/11/2011		CP#54 completion 12/1
##	474	460001	**Study on GERAN improvements for**	FS_NIMTC_GERA	1	Rel-11	G1,G2	24/05/2010	02/03/2012	25%	GP-092418	Ericsson	com	25/11/2011		GP#50 completion 09/
##	475	480003	**Study on Signal Precoding enhance**	FS_SPEED	1	Rel-11	G1,G2	03/09/2010	02/03/2012	95%	GP-111281	Ericsson	com	25/11/2011		GP#52 completion 11/
##	476	490006	**Study on Solutions for GSM/EDGE E**	FS_Energy_BTS	1	Rel-11	G1,G2	03/09/2010	18/05/2012	60%	GP-101638	Nokia Siemer	com	25/11/2011		GP#52 completion 11/
##	477	520001	**Study on Voice services over Adapti**	FS_eVAMOS	1	Rel-11	GP,G2,G	20/05/2011	15/05/2012	25%	GP-110991	China Mobile	om)	25/11/2011		GP#50 approved WID.
##	478	520002	**Study on GERAN enhancements for**	FS_GERAN_eMD	1	Rel-11	G2,G1	24/05/2011	31/08/2012	20%	GP-110999	Huawei	om	25/11/2011		GP#51 completion 03/
##	479	470014	**Study on Coordinated Multi-Point o**	FS_CoMP_LTE	1	Rel-11	R1,R2,R3	10/12/2010	16/09/2011	100%	RP-101425	Samsung	com	27/05/2011		RP#53 completed
##	480	480028	**Study on Signalling and procedure f**	FS_SPIA_IDC	1	Rel-11	R2,R4	04/06/2010	16/09/2011	100%	RP-100671	China Mobile	om)	12/09/2011		RP#53 completed. Stu
##	481	500016	**Study on Inclusion of RF Pattern Ma**	FS_LCS_LTE_RF	1	Rel-11	R4	10/12/2010	15/06/2012	40%	RP-110385	Polaris Wirel	om)	07/12/2011		RP#54 completion 12/1
##	482	510034	**Study on HetNet mobility enhancem**	FS_HetNet_eMOB	1	Rel-11	R2,R1,R3	18/03/2011	09/12/2011	40%	RP-110709	Alcatel-Lucer	alat	07/12/2011		RP#52 updated WID R
##	483	510035	**Study on Enhanced Uplink Transmis**	FS_eUL_TX_LTE	1	Rel-11	R1	22/03/2011	16/03/2012	5%	RP-110448	Huawei	Hou	19/09/2011		RP#53 put on hold till F
##	484	510037	**Study on further Downlink MIMO en**	FS_LTE_eDL_MIM	1	Rel-11	R1	18/03/2011	09/12/2011	100%	RP-111366	Alcatel-Lucer	com	08/12/2011		RP#54 completed
##	485	510038	**Study on Interference analysis betw**	FS_B800_B900_In	1	Rel-11	R4	23/03/2011	02/03/2012	40%	RP-111752	LG Uplus	.kr)	09/12/2011		RP#54 updated WID R
##	486	510039	**Study on Further Enhancements to**	FS_LTE_TDD_eIM	1	Rel-11	R1,R4	22/03/2011	15/06/2012	5%	RP-110450	CATT	.cn)	13/12/2011		RAN#54 completion 03
##	487	530052	**Study on Provision of low-cost MTC**	FS_LC_MTC_LTE	1	Rel-11	R1,R2,R4	19/09/2011	15/06/2012	15%	RP-111112	Vodafone	Bhat	08/12/2011		-
##	488	530053	**Study on LTE Coverage Enhanceme**	FS_Cov_Enh_LTE	1	Rel-11	R1,R2	19/09/2011	02/03/2012	20%	RP-111359	China Teleco	.cn)	08/12/2011		-
##	489	530054	**Study on Mobile Relay for E-UTRA**	FS_LTE_mobRela	1	Rel-11	R3,R1,R2	19/09/2011	02/03/2012	25%	RP-111377	CATT	Hu	07/12/2011		-
##	490	530055	**Study on Enhanced performance re**	FS_enh_perf_UE_	1	Rel-11	R4,R1	19/09/2011	02/03/2012	60%	RP-111378	NTT DoCoM	gae	07/12/2011		-
##	491	430020	**Study on Measurement of Radiated**	FS_HSPA_LTE_m	1	Rel-11	R4	06/03/2009	02/03/2012	80%	RP-111754	Vodafone	com	07/12/2011		RP#54 updated WID R
##	492	440016	**Study on Extending 850 MHz**	FS_e850	1	Rel-11	R4	30/05/2009	02/03/2012	80%	RP-090666	Ericsson	com	07/12/2011		RP#54 completion 12/1
##	493	450015	**Study on RAN improvements for Ma**	FS_NIMTC_RAN	1	Rel-11	R2,R1,R3	18/09/2009	16/09/2011	100%	RP-100330	Huawei	om)	06/09/2011		RP#53 completed. TR
##	494	500002	**Study on UE Application Layer Data**	FS_UE_App_Data	1	Rel-11	R5,R4	10/12/2010	09/12/2011	100%	RP-101422	Spirent	com	29/11/2011		RP#54 completed
##	495	510036	**Study on further enhancements for**	FS_EHNB_enh	1	Rel-11	R3,R2	18/03/2011	02/03/2012	60%	RP-111623	Alcatel-Lucer	com	08/12/2011		RP#54 updated WID R

ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S op	Notes
##	496	520018	Study on UMTS/LTE in 900 MHz ban	FS_UTRA_LTE_9(	1	Rel-11	R4	07/06/2011	02/03/2012	55%	RP-111751	NTT DoCoMc	o.jp)	08/12/2011		RP#54 updated WID R
##	497	530056	Study on RF and EMC requirements	FS_AAS_BS_LTE_	1	Rel-11	R4,R1	19/09/2011	21/09/2012	8%	RP-111349	Huawei	com	07/12/2011		-
##	498	500014	Study on Uplink MIMO	FS_UTRA_UL_MI	1	Rel-11	R1	10/12/2010	16/09/2011	100%	RP-101432	Qualcomm	vani	02/09/2011		RP#53 completed (1-st
##	499	500015	Study on HSDPA Multipoint Transm	FS_HSDPA_MP_T	1	Rel-11	R1,R2,R3	10/12/2010	16/09/2011	100%	RP-101439	Nokia Siemer	om	09/09/2011		RP#53 completed
##	500	530057	Study on UE Over The Air (OTA) test	FS_OTA_phantom	1	Rel-11	R4,R5	19/09/2011	02/03/2012	20%	RP-111380	Nokia	inen	07/12/2011		-
##	501	540026	Study on HSPA feedback and signal	FS_LCRTDD_HSF	1	Rel-11	R1	07/12/2011	14/09/2012	0%	RP-111766	TD Tech	com	09/12/2011		-
##	502	0	Release 10 Features	-	1	Rel-10	CP,GP,R	11/12/2008	21/09/2011	100%	-	-	-	09/02/2010		-
##	503	390073	Enhancements for Multimedia Priori	eMPS	1	Rel-10	S1,S2,C4	13/03/2006	18/03/2011	100%	SP-080051	Telcordia	:om	01/03/2011		CP#51 completed. SP
##	514	410030	Network Improvements for Machine	NIMTC	1	Rel-10	S1,S2,S5	18/09/2008	02/09/2011	100%	SP-100863	KPN	o.nl	28/02/2011		GP#51 (09/11) comple
##	527	430035	Multi Access PDN Connectivity	MAPCON	1	Rel-10	S2,C4,C1	13/03/2009	18/03/2011	100%	SP-090659	Telecom Ital	ia.it	08/02/2011		CP#51 completed. SP
##	533	440052	IMS Service Continuity – Inter Devic	IMS_SC_eIDT	1	Rel-10	S1,S2,C1	04/06/2009	14/09/2012	62%	SP-090452	Huawei	om)	09/03/2010		CP#51 completed. SP
##	538	450030	IP-Short-Message-Gateway enhance	CPM-SMS	1	Rel-10	S1,S2,C3	24/09/2009	17/09/2010	100%	SP-090615	China Mobile	om)	09/03/2010		CP#49 completed. SP
##	542	450033	Completion of Communications on	CCNL	1	Rel-10	S1,C1,C3	24/09/2009	18/03/2011	100%	SP-090493	Deutsche Te	ıger	08/09/2009		CP#51 completed. SP
##	546	450035	Local IP Access and Selected Intern	LIPA_SIPTO	1	Rel-10	S2,S1,S3	24/09/2009	23/03/2011	100%	SP-110131	Huawei, Chi	om)	13/12/2010		TSG#51 completed. U
##	560	450041	IP Flow Mobility and seamless WLA	IFOM	1	Rel-10	S2,S1,S5	24/09/2009	23/03/2011	100%	SP-100089	Qualcomm	om)	10/03/2011		SP#51 completed. Tri
##	567	450044	Enabling Coder Selection and Rate	ECSRA_LAA	1	Rel-10	S2,S4,C4	24/09/2009	02/03/2012	96%	SP-100467	Qualcomm	om)	23/05/2011		CP#52 completed. Tri
##	577	450053	Extended H(e)NB features	EHNBF	1	Rel-10	S1,S2,S3	11/12/2008	23/09/2010	100%	SP-100407	NEC	).eu	23/07/2010		SP#49 completed. Ad
##	581	460028	Optimal Media Routing	OMR	1	Rel-10	S2,S5,C3	25/03/2010	08/06/2011	100%	SP-090803	Alcatel-Luce	:om	17/05/2011		CP#52 completed. SP
##	588	470026	IMS Emergency Session Enhancem	IESE	1	Rel-10	S1,S2,C1	25/03/2010	03/06/2011	100%	SP-100170	Deutsche Te	.uk	23/05/2011		CP#52 completed. SP
##	592	480037	S2b Mobility based on GTP	SMOG	1	Rel-10	S2,C4,C3	10/06/2010	18/03/2011	100%	SP-100357	Alcatel-Luce	:om	18/03/2011		CP#51 completed. SP
##	598	500006	Policy Enhancements for Sponsore	PEST	1	Rel-10	S2,C3	12/10/2010	18/03/2011	100%	SP-110196	Qualcomm	om)	19/03/2011		CP#51 completed. SP
##	601	470029	Lawful Interception in the 3GPP Rel	LI10	1	Rel-10	S3	25/03/2010	08/06/2011	100%	SP-100108	PIDS, BT	:om	12/03/2011		SP#52 completed
##	610	470033	Optimization of IMS based PSS and	OPT_IMS_PSS_M	1	Rel-10	S4	25/03/2010	23/03/2011	100%	SP-100031	Ericsson	com	02/03/2011		SP#51 completed. Wo
##	611	470034	HTTP-based Streaming and Downlo	HTTP_SDS	1	Rel-10	S4,IETF	25/03/2010	21/09/2011	100%	SP-100032	Qualcomm	om)	26/05/2011		SP#52 completed. Wo
##	614	480040	PSS and MBMS enhancements	MBS_Enh	1	Rel-10	S4	10/06/2010	23/03/2011	100%	SP-100305	Ericsson	com	02/03/2011		SP#51 completed. Link
##	615	480041	Enhancements and Addition of Audi	EAAT	1	Rel-10	S4	10/06/2010	08/06/2011	100%	SP-100306	Vodafone	com	17/05/2011		SP#52 completed. Rec
##	616	510055	Video Coding Enhancements in MTS	VCEM	1	Rel-10	S4	21/03/2011	23/03/2011	100%	SP-110050	Ericsson	com	23/03/2011		SP#51 completed. Link
##	617	460031	Rel-10 Operations, Administration, M	OAM10	1	Rel-10	S5,C4	10/12/2009	21/09/2011	100%	TR 30.820	-	-	26/08/2011		umbrella Feature
##	637	470044	Rel-10 Charging Management small	CH10	1	Rel-10	S5	04/06/2009	23/03/2011	100%	TR 30.820	-	-	12/02/2010		umbrella Feature
##	639	470046	Advice of Charge (AoC) service sup	eAoC	1	Rel-10	S5,C1	25/03/2010	03/06/2011	100%	SP-100080	Deutsche Te	ı.de	23/05/2011		CP#52 completed. SP
##	642	470003	IMS Stage 3 - IETF Protocol Alignme	IMSProtoc4	1	Rel-10	C1	19/03/2010	18/03/2011	100%	CP-100099	Alcatel-Lucer	com	28/02/2011		CP#51 completed. Ens
##	643	480012	Enhanced User Data Convergence (	eUDC	1	Rel-10	C4	04/06/2010	18/03/2011	100%	CP-100295	China Mobile	om)	28/02/2011		CP#51 completed. Spe
##	644	480014	Further improvements of II-NNI Stag	II-NNI2	1	Rel-10	C3	04/06/2010	18/03/2011	100%	CP-100326	Orange	com	01/03/2011		CP#51 completed. Imp
##	645	480013	AT Commands for IMS-configuratio	AT_IMS	1	Rel-10	C1	04/06/2010	18/03/2011	100%	CP-100376	Ericsson	com	14/02/2011		CP#51 completed. Spe
##	646	490011	AT Commands for USIM Application	AT_UICC	1	Rel-10	C1	17/09/2010	18/03/2011	100%	CP-100646	ST-Ericsson	m	14/02/2011		CP#51 completed
##	647	490012	Communication Control for IMS by U	CC_IMS_USIM	1	Rel-10	C6	17/09/2010	18/03/2011	100%	CP-100647	Gemalto	com	03/03/2011		CT#51 completed. Sta
##	648	500003	Dynamic view of SIP message for II-	NNI_DV	1	Rel-10	C3	10/12/2010	03/06/2011	100%	CP-100795	NTT	:o.jp	17/05/2011		CP#52 completed. Link
##	649	500007	Introduction of Smart Card Web Ser	SCWS_L	1	Rel-10	C6	10/12/2010	18/03/2011	100%	CP-100883	Telecom Italia	lia.it	03/03/2011		CP#51 completed. Def
##	650	500008	USAT using AT Commands	USAT_AT	1	Rel-10	C6	10/12/2010	18/03/2011	100%	CP-100884	Giesecke & D	om	03/03/2011		CP#51 completed. Sta
##	651	500010	Single Radio Voice Call Continuity (	eSRVCC	1	Rel-10	C1,C4,IE	10/12/2010	14/09/2012	42%	CP-100881	China Mobile	om)	09/12/2010		CP#51 completed, Tri
##	655	500011	Single Radio Voice Call Continuity (	aSRVCC	1	Rel-10	C1	10/12/2010	03/06/2011	100%	CP-110145	ZTE	n.cn	23/05/2011		CP#52 completed. Buil
##	656	500012	PCRF failure and restoration	PCRF_FR	1	Rel-10	C4,C3	10/12/2010	18/03/2011	100%	CP-100703	NEC	om)	01/03/2011		CP#51 completed. Tri
##	659	510002	Formalization of WLAN Files	FoWF	1	Rel-10	C1	23/02/2011	18/03/2011	100%	CP-110288	Deutsche Tel	ı.de	17/03/2011		CP#51 completed. TS

ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S op	Notes
##	660	510007	CS and IMS Interworking for CAT se	CIIC_ES	1	Rel-10	C3	16/03/2011	03/06/2011	100%	CP-110283	ZTE	n.cn	10/03/2011		CP#52 completed. Sta
##	661	510008	EPC Node Restoration without Idle	EPC_NR	1	Rel-10	C4	16/03/2011	18/03/2011	100%	CP-110092	Alcatel-Lucer	com	18/03/2011		CP#51 completed. Trig
##	662	510108	EPC Node Restoration with Idle moc	EPC_NR_ISR	1	Rel-10	C4	16/03/2011	03/06/2011	100%	CP-110287	NEC	om)	17/05/2011		CP#52 completed. Trig
##	663	510009	Mobile Terminating Roaming Forwa	MTRF	1	Rel-10	C4	16/03/2011	03/06/2011	100%	CP-110093	Ericsson	com	08/03/2011		CP#52 completed. Pro
##	664	510010	UICC access to IMS Specification	IMS-UICC-S	1	Rel-10	C6,C1	16/03/2011	03/06/2011	100%	CP-110279	Gemalto	:om	18/05/2011		CP#52 completed. Tri
##	667	440021	CN aspects of Local Call Local Swit	LCLS-CN	1	Rel-10	C4	29/05/2009	18/03/2011	100%	CP-100867	Vodafone	:om	09/12/2010		CP#51 completed
##	672	430001	Local Call Local Switch	LCLS	1	Rel-10	GP,G2	07/05/2007	20/05/2011	100%	GP-101989	Huawei	om	21/05/2011		GP#50 completed. GP
##	673	480002	Tightened Link Level Performance F	TIGHTER	1	Rel-10	G1,G2,C	03/09/2010	16/05/2012	46%	GP-101083	Renesas	:om	21/05/2011		CP#52 completed. GF
##	677	490001	Support of Multi-Operator Core Netv	MOCN-GERAN	1	Rel-10	G2,S2,C1	21/05/2010	04/03/2011	100%	GP-101443	Alcatel-Luce	:om	04/03/2011		GP#49 completed. SF
##	681	490002	Enhancements of Iur-g interface	elurg	1	Rel-10	G2,R3	03/09/2010	03/06/2011	100%	GP-101758	China Mobil	.cn)	26/05/2011		RP#52 completed. GF
##	684	380077	1.28 Mcps TDD Repeater	RANimp-Repeater	1	Rel-10	R4	04/12/2007	19/03/2010	100%	RP-071003	RITT	com	09/03/2010		RP#47 completed
##	685	450019	1.28 Mcps TDD Multi-carrier HSUPA	TDD_MC_HSUPA	1	Rel-10	R1,R2,R3	18/09/2009	10/12/2010	100%	RP-090990	CATR	.cn)	03/12/2010		RP#50 completed
##	686	460014	1.28 Mcps TDD Home NodeB RF req	HNB_LCRTDD_RI	1	Rel-10	R4	04/12/2009	10/12/2010	100%	RP-100607	TD Tech	om)	03/12/2010		RP#50 completed. Tri
##	689	470012	Multi-User Multiple-Input and Multip	MUMIMO_LCR_TI	1	Rel-10	R1,R2,R3	19/03/2010	03/06/2011	100%	RP-100347	CATT	.cn)	23/03/2010		RP#52 completed
##	692	450027	AGNSS Minimum Performance for U	AGNSSPerf_UTR	1	Rel-10	R4,R5	18/09/2009	16/09/2011	100%	RP-100363	Thales	:om	08/12/2010		RP#53 completed. Tri
##	695	460005	Inclusion of RF Pattern Matching Te	LCS_UMTS_RFPM	1	Rel-10	R2,R3	04/12/2009	18/03/2011	100%	RP-091427	Polaris Wirel	om)	11/03/2011		RP#51 completed. Tri
##	697	460015	Four carrier HSDPA	4C_HSDPA	1	Rel-10	R1,R2,R3	04/12/2009	07/12/2012	75%	RP-100991	Qualcomm	om)	12/09/2011		RP#53 completed
##	701	470013	Performance Requirements for two-	2ant_UE_LCR_TD	1	Rel-10	R4	19/03/2010	03/06/2011	100%	RP-100168	TD Tech	com	01/06/2011		Stage 3. RP#52 comp
##	704	480020	Automatic Neighbour Relation (ANR	ANR_UTRAN	1	Rel-10	R3,R2,R5	04/06/2010	15/06/2012	59%	RP-100688	ZTE	n.cn	31/05/2011		RP#52 Core complete
##	707	480021	Support of New Band Combinations	DB_DC_HSDPA	1	Rel-10	R4,R2	04/06/2010	03/06/2011	100%	RP-100657	AT&T	om)	24/05/2011		RP#52 completed. Re
##	710	480022	MIMO operation with non-MIMO coe	MIMO_HSDPA	1	Rel-10	R4,R5	04/06/2010	02/03/2012	89%	RP-100993	Qualcomm	Lee	14/03/2011		RP#52 completed. RF
##	714	490022	Interfrequency detected set measur	Interf_dset_meas_	1	Rel-10	R2,R4	17/09/2010	10/12/2010	100%	RP-101015	Nokia	com	08/12/2010		RP#50 completed
##	715	460007	Carrier Aggregation for LTE	LTE_CA	1	Rel-10	R1,R2,R3	04/12/2009	07/12/2012	75%	RP-100661	Nokia	:om	14/03/2011		RP#52 Core complete
##	719	460008	Enhanced Downlink Multiple Antenr	LTE_eDL_MIMO	1	Rel-10	R1,R2,R4	04/12/2009	02/03/2012	90%	RP-100196	NTT DoCoM	om)	19/03/2010		RP#51 Core complete
##	722	460009	Uplink Multiple Antenna Transmissi	LTE_UL_MIMO	1	Rel-10	R1,R2,R4	04/12/2009	07/12/2012	76%	RP-100959	Huawei	:om	12/09/2011		RP#53 completed
##	726	460013	Relays for LTE	LTE_Relay	1	Rel-10	R1,R2,R4	04/12/2009	08/06/2011	100%	RP-101911	Ericsson	n	14/02/2011		RP#52 completed (op
##	734	470007	Enhanced Inter-Cell Interference Co	eICIC_LTE	1	Rel-10	R1,R2,R3	19/03/2010	02/03/2012	88%	RP-100383	China Mobil	om)	14/03/2011		RP#52 Core complete
##	737	470008	LTE TDD in 2600MHz for US	LTE_TDD_2600_U	1	Rel-10	R4,R2,R3	19/03/2010	10/12/2010	100%	RP-101003	Clearwire	:om	03/12/2010		RP#50 Testing compl
##	741	470009	Adding 2 GHz band LTE FDD (Band	S_Band_LTE_AT	1	Rel-10	R2,R4,R5	19/03/2010	09/12/2011	100%	RP-110775	DBSD (form	:om	01/06/2011		RP#52 completed. Up
##	745	470010	Adding L-Band (Band 24) LTE for Ar	L_Band_LTE_AT	1	Rel-10	R4,R2,R5	19/03/2010	16/09/2011	100%	RP-101284	LightSquare	:om	06/09/2011		RP#53 completed
##	749	470011	LTE Self Optimizing Networks (SON	SONenh_LTE	1	Rel-10	R3,R2,R4	19/03/2010	03/06/2011	100%	RP-101004	Nokia Sieme	:om	24/05/2011		RP#52 completed
##	751	480027	Further enhancements to MBMS for	MBMS_LTE_enh	1	Rel-10	R2,R3,R5	04/06/2010	02/03/2012	76%	RP-101244	Huawei	om)	14/03/2011		RP#51 completed. SA
##	754	380173	UMTS/LTE 3500 MHz	RInImp8-UMTSLT	1	Rel-10	R4,R2,R3	30/11/2007	15/06/2012	87%	RP-091380	Ericsson	:om	02/06/2011		RP#53 completed (te
##	758	460003	Minimization of Drive Tests for E-UT	MDT_UMTSLTE	1	Rel-10	R2,R4,R3	04/12/2009	07/09/2012	62%	RP-100360	Nokia Sieme	:om	24/05/2011		RP#52 completed. Tri
##	761	470005	HNB and HeNB Mobility Enhanceme	HNB_HENB_mob	1	Rel-10	R3,R2	19/03/2010	18/03/2011	100%	RP-110183	Alcatel-Luce	:om	11/03/2011		RP#51 completed. Co
##	763	480024	Expanded 1900 MHz Band for UTRA	E1900	1	Rel-10	R4,R2,R5	04/06/2010	02/03/2012	88%	RP-100676	Sprint	:om	24/05/2011		RP#52 Core & Perf co
##	767	480025	Multi-standard radio Base Station R	MSR_NC	1	Rel-10	R4,G1	04/06/2010	25/11/2011	100%	RP-101402	Ericsson	:om	12/09/2011		RP#53 completed
##	772	440044	(Small) Technical Enhancements an	TEI10	1	Rel-10	All	04/06/2009	23/03/2011	100%	not applicable	-	-	07/03/2011		-
##	773	521004	(IETF) (Small) Technical Enhanceme	TEI10_IETF_draft-	1	Rel-10	C1-IETF	04/06/2009	14/09/2012	20%	not applicable	Andrew Allen	-	06/12/2011		Not completed internet
##	774	531001	(IETF) (Small) Technical Enhanceme	TEI10_IETF_RFC6	1	Rel-10	C1-IETF	04/06/2009	29/07/2011	100%	not applicable	-	-	31/08/2011		SP#53/IETF#81: RFC
##	775	540004	Test - (Small) Technical Enhanceme	TEI10_Test	1	Rel-10	R5,G3nev	01/12/2011	14/12/2012	0%	not applicable			30/11/2011		
##	776	350014	Deleted - Registration in Densely-populated area (REi	RED	1	Rel-10	S1	12/03/2007	24/09/2009	100%	SP-070133	NTT DoCoM	o.jp	07/12/2009	5	SP#35 Stage 1 comple
##	779	380062	Deleted - Network Selection for non-3GPP Access	N3GtoNSP	1	Rel-10	S1,C6	07/12/2007	24/09/2009	100%	SP-070874	Telefónica O2	:om	21/09/2009	5	SP#45 work stopped/a

ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S op	Notes
##	782	420025	Deleted - GTP-based S8 chaining	GTPchaining	1	Rel-10	S2	11/12/2008	25/03/2010	100%	SP-080798	Huawei	om)	07/03/2010	7	SP#47 work stopped (
##	784	430017	Deleted - UTRAN 2 ms TTI uplink range improvement	RANimp-2mTTI_U	1	Rel-10	R1,R2,R3	06/03/2009	19/03/2010	100%	RP-090333	Nokia Siemer	om)	16/03/2010	7	RP#47 work stopped/a
##	785	440043	Deleted - Enhanced Home NodeB / eNodeB continua	eEHNB	1	Rel-10	S2	11/12/2008	25/03/2010	100%	not applicable	Alcatel-Lucer	von	01/06/2009	7	SP#47 deleted (SA2 w
##	786	460010	Deleted - Fixed Wireless Customer-Premises Equipm	FW_CPE_RF	1	Rel-10	R4,R5	04/12/2009	03/06/2011	100%	RP-091432	Verizon Wirel	:om	27/05/2011	2	RP#52 work stopped (
##	789	460012	Deleted - Latency reductions for LTE	LTE_LATRED	1	Rel-10	R2,R1	04/12/2009	10/12/2010	100%	RP-091449	Ericsson	:om	08/12/2010	0	RP#50 work stopped (
##	791	470006	Deleted - Enhanced Interference Management for Ho	HNB_IM	1	Rel-10	R3	19/03/2010	17/09/2010	100%	RP-100392	Qualcomm	om)	09/09/2010	9	RP#49 stopped (no fur
##	793	0	Release 10 Studies	-	1	Rel-10	CP,GP,R	12/03/2009	23/03/2011	100%	-	-	-	09/02/2010		-
##	794	370045	Study on enhanced voice service re	FS_EV_EPS	1	Rel-10	S1,S4	03/09/2007	25/03/2010	100%	SP-070698	France Telec	ppe	31/08/2010		SP#47 completed. TR
##	797	380083	Study on advanced requirements fo	FS_IPXS	1	Rel-10	S1	04/12/2007	10/12/2009	100%	SP-070878	Telefónica O2	com	11/08/2010		SP#46 completed. Link
##	798	410039	Study on Personal Broadcast Servic	FS_PBS	1	Rel-10	S1	18/09/2008	25/03/2010	100%	SP-080504	ETRI	Cho	09/03/2010		SP#47 completed
##	799	410040	Study on LCS support in SAE for no	FS_LCS_n3GPP	1	Rel-10	S1	18/09/2008	25/03/2010	100%	SP-080648	SK Telecom	:om	11/08/2010		SP#47 completed
##	800	430030	Study on Haptic Services	FS_Haptics	1	Rel-10	S1	12/03/2009	25/03/2010	100%	SP-090664	SK Telecom	:om	11/08/2010		SP#47 completed. Cov
##	801	370050	Study on System enhancements for	FS_IMS_LBO_OR	1	Rel-10	S2	01/10/2007	10/12/2009	100%	SP-080556	Telecom Italia	com	25/11/2009		SP#46 completed. Spir
##	802	390055	Study on Intra Domain Connection c	FS_IDC	1	Rel-10	S2	12/03/2008	25/03/2010	100%	SP-080094	China Mobile	om)	23/03/2010		SP#47 completed. Cor
##	803	440049	Study on Single Radio Voice Call Co	FS_eSRVCC	1	Rel-10	S2	04/06/2009	23/09/2010	100%	SP-090363	China Mobile	om)	06/09/2010		SP#49 completed (Cor
##	804	470048	Study on Single Radio Video Call Co	FS_vSRVCC	1	Rel-10	S2	25/03/2010	23/09/2010	100%	SP-100168	Samsung	om)	15/09/2010		SP#49 completed. TR
##	805	470049	Study on S2b Mobility based on GTP	FS_SMOG	1	Rel-10	S2	25/03/2010	10/06/2010	100%	SP-100169	Alcatel-Lucer	com	07/06/2010		SP#48 completed. Trig
##	806	430040	Study on Surround Sound codec ex	FS_SS_PSS_MBM	1	Rel-10	S4	12/03/2009	23/03/2011	100%	SP-090019	Fraunhofer G	r.de	14/02/2011		SP#51 completed. Exte
##	807	480044	Study on Improved Video Coding Su	FS_IVCS	1	Rel-10	S4	10/06/2010	23/03/2011	100%	SP-100304	Nokia, ETRI	e.kr	18/02/2011		SP#51 completed. Exte
##	808	410044	Study on Rc Reference Point Functi	FS_OAM_Rc	1	Rel-10	S5	18/09/2008	25/03/2010	100%	SP-080464	Huawei	com	23/03/2010		SP#47 completed
##	809	430044	Study on Telecommunication Manag	FS_OAM_ESM	1	Rel-10	S5	12/03/2009	25/03/2010	100%	SP-090048	Orange, Voda	nge)	08/03/2010		SP#47 completed. Stu
##	810	440069	Study on Integration of Device Mana	FS_IDMI_Itf-N	1	Rel-10	S5	04/06/2009	25/03/2010	100%	SP-100088	Motorola	om)	23/03/2010		SP#47 completed. TR
##	811	460037	Study on Alignment of 3GPP Generi	FS_3GNRM_TMF	1	Rel-10	S5	10/12/2009	23/03/2011	100%	SP-090759	Nokia Siemer	com	09/03/2011		SP#51 completed
##	812	460038	Study on Harmonization of 3GPP Al	FS_3G_TMF_FM	1	Rel-10	S5	10/12/2009	23/03/2011	100%	SP-090760	Nokia Siemer	:om	22/03/2011		SP#51 completed
##	813	480045	Study on Alarm Correlation and Alar	FS_AC_ARCA	1	Rel-10	S5	10/06/2010	23/03/2011	100%	SP-100775	Ericsson	com	09/03/2011		SP#51 completed
##	814	480046	Study on Alignment of 3GPP PM IRP	FS_3G_TMF_PM	1	Rel-10	S5	10/06/2010	23/03/2011	100%	SP-100291	Alcatel-Lucer	:om	22/03/2011		SP#51 completed
##	815	450013	Study on Policy and Charging Rules	FS_PCRF-FR	1	Rel-10	C3	18/08/2009	17/09/2010	100%	CP-090861	NEC	eu	17/09/2010		CP#49 completed
##	816	480016	Study on User Data Convergence (U	FS_UDCe	1	Rel-10	C4	04/06/2010	18/03/2011	100%	CP-100296	Alcatel-Lucer	com	28/02/2011		CP#51 completed. Stu
##	817	480017	Study on UICC access to IMS	FS_IMS-UICC	1	Rel-10	C6	04/06/2010	18/03/2011	100%	CP-100424	Gemalto	com	03/03/2011		CP#51 completed
##	818	450014	Study on Uplink Tx Diversity for HSP	FS_UL-TxDiv-HSP	1	Rel-10	R4	18/08/2009	04/06/2010	100%	RP-090987	Qualcomm	om)	01/06/2010		RP#48 completed
##	819	460016	Study on Solutions for Energy Savir	FS_Energy_UMTS	1	Rel-10	R1,R3	04/12/2009	17/09/2010	100%	RP-091439	Vodafone	com	09/09/2010		RP#49 completed. Bas
##	820	470015	Study on Potential solutions for ene	FS_Energy_LTE	1	Rel-10	R3,R2	02/02/2010	03/06/2011	100%	RP-100674	China Mobile	om)	02/06/2011		RP#52 completed
##	821	470016	Study on Improvements of distribut	FS_distr_ant_LCR	1	Rel-10	R1,R2,R3	05/03/2010	10/12/2010	100%	RP-100178	ZTE	n.cn	07/12/2010		RP#50 completed. TR
##	822	400037	Deleted - Study on Unauthenticated PS Emergency C	FS_UAPSEC	1	Rel-10	S1	05/06/2008	25/03/2010	100%	SP-080320	Nokia Siemer	rkel	09/03/2010	7	SP#47 work stopped/a
##	823	410042	Deleted - Study on enhancements to IMS border func	FS_eIMS_IBCF	1	Rel-10	S2	18/09/2008	15/12/2010	100%	SP-090809	Starent Netw	om)	13/12/2010	0	SP#50 work stopped. A
##	824	440050	Deleted - Study on EPC Charging enhancement	FS_EPCcharg	1	Rel-10	S5	04/06/2009	25/03/2010	100%	SP-090318	Nokia Siemer	:om	06/07/2009	7	SP#47 work stopped. I
##	825	450012	Deleted - Study on Interworking Proxy between GTP i	FS_GTP-MIP-IW	1	Rel-10	C4	18/09/2009	04/06/2010	100%	CP-090517	NTT DoCoMo	:om	26/05/2010	3	CP#48 work stopped/a
##	826	0	Release 9 Features	-	1	Rel-9	CP,GP,R	05/06/2008	05/06/2008	100%	-	-	-	09/02/2010		-
##	827	400035	Enhanced Home NodeB / eNodeB	EHNB	1	Rel-9	S1,S2,S3	05/06/2008	09/12/2011	100%	SP-090214	T-Mobile	.at	29/11/2011		RP#54 Testing compl
##	843	370026	Value-Added Services for Short Mes	VAS4SMS	1	Rel-9	S1,C4,C1	10/09/2007	04/12/2009	100%	SP-070572	China Mobile	om)	16/11/2009		CP#46 completed
##	847	370027	Definition of End-User Identity	EUI	1	Rel-9	S1	03/09/2007	11/12/2008	100%	SP-090380	Nokia Siemer	:om	05/08/2010		SP#42 closed. Stage 1
##	849	380067	Customized Ringing Signal	CRS	1	Rel-9	S1,C1	06/12/2007	03/12/2009	100%	SP-080502	SK Telecom,	ile)	28/05/2010		CP#48 completed
##	852	380057	Public Warning System	PWS	1	Rel-9	S1,C1,C4	06/12/2007	07/12/2012	70%	SP-070876	T-Mobile	:om	03/12/2009		TSG#46 completed. L

ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S o	Notes
##	859	400031	Support of Personal Area Networks	PAN_EPNM	1	Rel-9	S1,C1	05/06/2008	04/06/2010	100%	SP-080430	Vodafone	:om	28/05/2010		CP#48 completed
##	863	400032	Multi-Media Telephony Service enha	eMMTel	1	Rel-9	S1,S5,C1	05/06/2008	25/03/2010	100%	SP-080503	France Telec	ıttin	05/12/2008		SP#47 completed
##	868	400034	User Data Convergence (UDC)	UDC	1	Rel-9	S1,S5,C4	05/06/2008	10/06/2010	100%	SP-080448	Nokia Sieme	m	31/08/2010		SP#48 completed. Tri
##	875	410032	IMS Services Centralization and Cor	IMS_SCC	1	Rel-9	S1,S2,C1	18/09/2008	19/03/2010	100%	SP-080633	NEC	.eu)	04/03/2010		CP#47 completed
##	882	420020	Service Specific Access Control in E	SSAC	1	Rel-9	S1,C1,R5	11/12/2008	02/03/2012	81%	SP-080882	NTT DoCoM	om)	04/03/2010		CP#47 completed. Tri
##	886	380064	Support for IMS Emergency Calls ov	IMS_EMER_GPRS	1	Rel-9	S1,S2,S3	14/01/2008	02/03/2012	97%	SP-080844	Alcatel-Luce	:lay	01/03/2010		SP#48 completed
##	903	430006	LCS for LTE and EPS	LCS_LTE_EPS	1	Rel-9	S2,C1,C4	05/06/2008	02/03/2012	97%	ıot applicable	-	-	16/03/2010		RP#48 Core complete
##	910	400039	MBMS support in EPS	MBMS_EPS	1	Rel-9	S2,S3,S5	05/06/2008	09/12/2011	100%	SP-080737	China Mobil	om)	16/03/2010		RP#47 completed. SP
##	918	420024	Access Network Discovery and Sele	eANDSF	1	Rel-9	S2,C1	11/12/2008	19/03/2010	100%	SP-080887	Motorola	om)	04/03/2010		CP#47 completed. No
##	921	430034	Multiple PDN Connection to the San	MUPSAP	1	Rel-9	S2,C4,C1	13/03/2009	19/03/2010	100%	SP-090098	Samsung	:om	04/03/2010		CP#47 completed. Co
##	925	450049	System aspects of vocoder rate ada	LTEimp-Vocoder	1	Rel-9	S2,S4,C1	30/05/2009	14/09/2012	84%	SP-090653	Qualcomm	om)	21/09/2009		SP#46 completed. Tri
##	931	33025	Access Security Enhancements	ACCSEC2	1	Rel-9	S3	02/07/2007	04/06/2009	100%	SP-040865	Ericsson	com	06/08/2010		SP#44 completed. Stop
##	932	410027	Protection against Unsolicited Com	PUCI	1	Rel-9	S3,S1	18/09/2008	10/12/2009	100%	SP-080482	NEC	om)	07/12/2009		SP#46 TR 33.937 con
##	935	430036	IMS Media Plane Security	MEDIASEC	1	Rel-9	S3,C1,C4	13/03/2009	14/09/2012	38%	SP-090128	Vodafone	:om	01/03/2010		CP#48 completed
##	942	440053	GBAPush enhancements (Generic p	eGBAPush	1	Rel-9	S3	12/03/2008	25/03/2010	100%	SP-090282	Ericsson	lom	21/09/2009		SP#43 umbrella to ho
##	944	440054	Extended Identity Management	GBA-IdM	1	Rel-9	S3	04/06/2009	10/12/2009	100%	SP-090284	Nokia	com	23/02/2010		SP#46 completed. Stag
##	945	440056	Network Domain Security (NDS) enh	NDS_Backhaul	1	Rel-9	S3,C4,IE	04/06/2009	14/09/2012	50%	SP-090286	Vodafone	:om	01/03/2010		SP#47 completed. Co
##	949	440057	128 bit encryption for GSM and GPR	A5/4-GEA4	1	Rel-9	S3,C1,C4	04/06/2009	10/12/2009	100%	SP-090287	Ericsson	nan	25/11/2009		Allow 128 as an alter
##	956	420027	Timed Graphics	TG	1	Rel-9	S4	11/12/2008	25/03/2010	100%	SP-080683	Ericsson	com	01/02/2010		SP#47 completed. Pro
##	957	430037	Managing MTSI Media Adaptation	M3A	1	Rel-9	S4	12/03/2009	10/12/2009	100%	SP-090021	Samsung	com	07/12/2009		SP#46 completed. Wo
##	958	440046	PSS and MBMS Aspects	PMA	1	Rel-9	S4	12/03/2009	25/03/2010	100%	SP-090261	Ericsson, Nol	com	08/03/2010		Umbrella WI
##	961	430046	IMS based PSS and MBMS User Ser	IMS_PSS_MBMS_	1	Rel-9	S4	12/03/2009	10/12/2009	100%	SP-090225	Ericsson	ıann	07/12/2009		SP#46 completed. Wo
##	962	440051	Syndicated Feed Reception within 3	SFR	1	Rel-9	S4	04/06/2009	10/12/2009	100%	SP-090260	Ericsson	com	07/12/2009		SP#46 completed. TS
##	963	450048	Distortion Measurement Test Metho	DTMR	1	Rel-9	S4	24/09/2009	25/03/2010	100%	SP-090575	Motorola	om)	02/12/2009		SP#47 completed
##	964	420029	Rel-9 Operations, Administration, M	OAM9	1	Rel-9	S5	22/02/2008	10/06/2010	100%	TR 30.819	-	-	09/02/2010		SP#42 umbrella Featu
##	978	440068	Rel-9 Charging Management small E	CH9	1	Rel-9	S5	04/06/2009	25/03/2010	100%	TR 30.819	-	-	08/03/2010		SP#47 completed
##	979	400008	CS-IBCF and CS-TrGW definition in	CS-IBCF	1	Rel-9	C3,C4	30/05/2008	19/03/2010	100%	CP-090073	Telecom Ital	ia.it	02/03/2010		CP#47 completed. Re
##	982	410008	IMS – Interconnection Border Contr	IMS_IBCF	1	Rel-9	C4,C3	12/09/2008	04/12/2009	100%	CP-090019	Alcatel-Luce	nt.fr	29/07/2009		CP#46 completed
##	985	410009	IMS Application Level Gateway Cont	IMS_AGCF	1	Rel-9	C4	12/09/2008	04/12/2009	100%	CP-090020	Alcatel-Lucer	nt.fr	16/11/2009		CP#46 completed
##	986	420016	Enhancements of IMS Customized A	eCAT	1	Rel-9	C1	05/12/2008	04/06/2010	100%	CP-080796	China Mobil	g Yi	16/11/2009		CP#48 completed. St
##	988	440017	Completion of IMS Restoration Proc	eIMS_RP	1	Rel-9	C3, C4,C	29/05/2009	19/03/2010	100%	CP-091050	Ericsson	om)	01/04/2010		CP#47 completed. Co
##	992	440039	IMS Stage 3 - IETF Protocol Alignme	IMSProtoc3	1	Rel-9	C1,IETF	29/05/2009	14/09/2012	39%	CP-090491	Alcatel-Luce	om)	02/03/2010		CP#47 completed
##	996	440070	Operational description of the Inter-	II-NNI	1	Rel-9	C3	29/05/2009	04/06/2010	100%	CP-090331	Orange	com	27/05/2010		CP#48 completed
##	997	450005	Definition of MI interface for Control	EMC2	1	Rel-9	C1	18/09/2009	19/03/2010	100%	CP-090746	Alcatel-Lucer	om)	02/03/2010		CP#47 completed [Sta
##	998	450009	PCC enhancements	PCC-Enh	1	Rel-9	C3	18/09/2009	04/12/2009	100%	CP-090744	Huawei	om)	17/09/2009		CP#46 completed
##	999	460004	3GPP IMS Conferencing Managemer	IMS_ConfMO	1	Rel-9	C1	03/12/2009	04/12/2009	100%	CP#46 Report	-	-	09/02/2010		CP#46 completed. Link
##	1000	470004	In Case of Emergency (ICE) Graphic	ICE_Graphics	1	Rel-9	C6	17/03/2010	19/03/2010	100%	CP-100178	Sagem-Orga	com	17/03/2010		CP#47 approved WID
##	1001	410023	Rel-9 Improvements of the Radio Int	RInImp9	1	Rel-9	RP,GP	12/09/2008	19/03/2010	100%	ıot applicable	-	-	16/03/2010		RP#41 umbrella Featu
##	1010	440006	Rel-9 Improvements of the Radio Int	RInImp-UEConTe	1	Rel-9	R5	19/05/2009	17/09/2010	100%	ıot applicable	-	-	28/05/2009		-
##	1015	450018	Conformance Test Aspects – SMS o	SMSoverIMS_UEC	1	Rel-9	R5	18/09/2009	19/03/2010	100%	RP-090959	Alcatel-Lucer	om)	16/03/2010		RP#47 completed
##	1016	430013	Rel-9 RAN improvements	RANimp	1	Rel-9	RP	06/03/2009	19/03/2010	100%	ıot applicable	-	-	08/09/2010		RP#47 completed
##	1022	490025	Rel-9 RAN improvements - UE Conf	-	1	Rel-9	R5	17/09/2010	02/03/2012	78%	ıot applicable	-	-	20/09/2010		-
##	1026	420007	LTE improvements	LTEimp	1	Rel-9	R1,R2,R4	06/03/2009	03/06/2011	100%	ıot applicable	-	-	21/01/2009		-

ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S op	Notes
##	1030	420011	Self-Organizing Networks (SON)	SON	1	Rel-9	R3,R2	06/03/2009	19/03/2010	100%	RP-090162	Nokia Siemer	com	10/03/2010		RP#47 completed
##	**1031**	**38002**	**A-GNSS Performances and Testing**	**AGNSSPTP**	**1**	**Rel-9**	**GP**	**16/05/2008**	**20/05/2011**	**100%**	**GP-092342**	**Thales**	**:om**	**12/02/2010**		**GP#46 still ongoing M**
##	1034	**420002**	**Voice services over Adaptive Multi-u**	**VAMOS**	**1**	**Rel-9**	**GP,G1,G**	**21/11/2008**	**02/03/2012**	**96%**	**GP-081949**	**Nokia Sieme**	**:om**	**27/05/2010**		**GP#40 WID approved**
##	**1040**	**440002**	**Cell Broadcast protocol Base Statio**	**CEBRO**	**1**	**Rel-9**	**GP,C1**	**15/05/2009**	**19/03/2010**	**100%**	**GP-091022**	**Ericsson**	**:om**	**05/03/2010**		**CP#47 completed. GF**
##	1043	440003	Hybrid Location	HILT	1	Rel-9	GP	18/05/2009	20/11/2009	100%	GP-091075	TruePosition	om)	07/09/2009		GP#44 completed. GP
##	1044	420099	(Small) Technical Enhancements an	TEI9	1	Rel-9	All	15/09/2008	10/12/2009	100%	not applicable	-	-	25/11/2009		SP#46 completed
##	1045	460002	Test - (Small) Technical Enhanceme	TEI9_Test	1	Rel-9	R5,G3ne	20/11/2009	24/12/2010	100%	not applicable	-	-	05/09/2010		GP#44 created
##	*1046*	*330017*	*Deleted - Services Alignment and Migration*	*ServAl*	*1*	*Rel-9*	*S1*	*06/12/2006*	*18/09/2008*	*100%*	*SP-070126*	*Telefónica O2*	*:om*	*05/08/2010*		*SP#41 closed (no tang*
##	*1048*	*380071*	*Deleted - Harmonization of Gq'/Rx for Common IMS*	*IMS_Comm_GqRx*	1	*Rel-9*	*S2*	*14/01/2008*	*12/03/2009*	*100%*	*SP-070822*	*Alcatel-Lucen*	*t.be*	*24/03/2009*	3	*SP#43 stopped. LS_ou*
##	*1049*	*380081*	*Deleted - Support of WiMAX - LTE Mobility*	*WiMAX_LTE_Mob*	1	*Rel-9*	*R2*	*06/06/2008*	*25/12/2009*	*100%*	*RP-070511*	*Samsung*	-	*24/03/2009*	9	*RP#39: No agreed WIL*
##	*1050*	*380082*	*Deleted - Support of WiMAX - UMTS Mobility*	*WiMAX_UMTS_Mo*	1	*Rel-9*	*R2*	*06/06/2008*	*25/12/2009*	*100%*	*RP-070511*	*Intel*	-	*24/03/2009*	9	*RP#39: No agreed WIL*
##	*1051*	*380086*	*Deleted - Definition of 3GPP UICC services over the r*	*UICCHS*	1	*Rel-9*	*C6*	*19/03/2010*	*19/03/2010*	*100%*	*CP-070837*	*Gemalto*	*:om*	*25/11/2009*	7	*CP#47 work stopped/a*
##	*1052*	*390040*	*Deleted - SAES Enhancements (non RAN aspects)*	*SAES_Ph2*	**1**	*Rel-9*	*S2*	*25/06/2007*	*08/12/2008*	*100%*	-	*Nokia Siemer*	-	*24/03/2009*	9	*SP#39 created to host*
##	*1057*	*440071*	*Deleted - Lawful Interception in the 3GPP Rel-9*	*LI9*	1	*Rel-9*	*S3*	*04/06/2009*	*25/03/2010*	*100%*	*SP-090831*	*PIDS, Nortel*	*yan*	*01/03/2010*	7	*SP#47 stopped. WI + r*
##	1058	0	Release 9 Studies	-	1	Rel-9	CP,RP,SI	05/06/2008	19/03/2010	100%	-	-	-	09/02/2010		-
##	1059	400036	Study on Service Specific Access C	FS_SSAC	1	Rel-9	S1	05/06/2008	11/12/2008	100%	SP-080319	NTT DoCoMo	o.jp)	31/08/2010		SP#42 completed. Spir
##	1060	350052	Study on CS Domain Services over I	FS_CSoPS	1	Rel-9	S2	25/04/2007	12/03/2009	100%	SP-080800	T-Mobile	.net	09/08/2010		SP#43 completed. Link
##	1061	370043	Study on Extended Support of IMS E	FS_IMS-eCall	1	Rel-9	S2	24/09/2007	11/12/2008	100%	SP-070547	Qualcomm	dge	22/11/2008		SP#42 completed
##	1062	320031	Study on Service Continuity for Eme	FS_VCCEm	1	Rel-9	S2	08/06/2006	12/03/2009	100%	SP-080555	Nortel	om)	24/02/2009		SP#43 completed
##	1063	370053	Study on Security Aspects of Remot	FS_UM2M	1	Rel-9	S3,C6	06/04/2004	10/12/2009	100%	SP-070702	Ericsson	com	08/12/2009		SP#46 completed. Trig
##	1064	360006	Study on System Maintenance over	FS_OAM-Maint-Itf-	1	Rel-9	S5	07/06/2007	24/09/2009	100%	SP-070306	ZTE	.cn)	07/09/2009		SP#45 completed
##	1065	360007	Study on Self-Organizing Networks	FS_OAM-SON-HN	1	Rel-9	S5	07/06/2007	04/06/2009	100%	SP-080461	Huawei	om)	18/05/2009		SP#44 completed. Link
##	1066	390017	Study on Self-healing of Self-Organi	FS_OAM-SON-SH	1	Rel-9	S5	22/02/2008	24/09/2009	100%	SP-080076	ZTE	n.cn	07/09/2009		SP#45 completed. Link
##	1067	400029	Study on Service Oriented Architect	FS_OAM_SOA_IR	1	Rel-9	S5	05/06/2008	04/06/2009	100%	SP-080281	Ericsson	com	02/06/2009		SP#44 completed. Spir
##	1068	380079	Study on Evaluation of the inclusior	FS_RAN-Pathloss	1	Rel-9	R4	17/12/2007	04/12/2009	100%	RP-071050	Polaris Wirele	om)	26/11/2009		RP#46 completed
##	1069	390031	Study on LTE-Advanced	FS_RAN_LTEA	1	Rel-9	R1,R2,R3	23/03/2007	19/03/2010	100%	RP-091360	NTT DoCoMo	Abe	16/03/2010		RP#47 completed
##	1070	410016	Study on 1.28 Mcps TDD Home Nod	FS_RAN-HNBLCR	1	Rel-9	R4	20/02/2008	04/12/2009	100%	RP-080767	TD Tech	om)	03/12/2009		RP#46 completed
##	1071	420012	Study on E-UTRAN Mobility Evaluati	FS_EUTRAN_mob	1	Rel-9	R1	05/12/2008	29/05/2009	100%	RP-081137	Qualcomm	om)	20/05/2009		RP#44 closed (RP-090
##	1072	430021	Study on Minimization of drive-tests	FS_NGN_min_driv	1	Rel-9	R2	06/03/2009	04/12/2009	100%	RP-090341	Qualcomm	om)	27/11/2009		RP#46 completed
##	1073	430027	Study on Enhanced Interference Ma	FS_eInterfMgmt_H	1	Rel-9	R4	06/03/2009	29/05/2009	100%	RP-090361	Qualcomm	om)	25/06/2009		RP#44 completed. Link
##	1074	440015	Study on Enhanced Interference Ma	FS_eInterfMgmtMo	1	Rel-9	R3	30/05/2009	18/09/2009	100%	RP-090667	Qualcomm	om)	15/09/2009		RP#45 completed. Trig
##	*1075*	*320026*	*Deleted - Study on Protection against SMS and MMS*	*FS_CPSMal*	1	*Rel-9*	*S3*	*08/06/2006*	*24/09/2009*	*100%*	*SP-060446*	*Orange*	*e.ch*	*21/09/2009*	5	*SP#45 work stopped/a*
##	1076	0	Release 8 Features	-	1	Rel-8	CP,GP,R	19/09/2006	19/03/2010	100%	-	-	-	09/02/2010		-
##	**1077**	**320005**	**3GPP System Architecture Evolution**	**SAES**	**1**	**Rel-8**	**S1,S2,S3**	**12/04/2006**	**14/09/2012**	**97%**	**SP-080132**	**T-Mobile**	**e.at**	**08/12/2009**		**Role model for SAE/L**
##	1170	450022	Conformance Test Aspects – Mobilit	DSMIPv6_UEConT	1	Rel-8	R5	18/09/2009	17/09/2010	100%	RP-090754	Qualcomm	om)	09/09/2010		RP#49 completed. Tes
##	**1171**	**370025**	**IMS Centralized Service Control (ICS**	**ICSRA**	**1**	**Rel-8**	**S1,S2,C1**	**03/09/2007**	**14/09/2012**	**56%**	**SP-070924**	**AT&T**	**om)**	**02/12/2009**		**CP#46 completed**
##	**1184**	**370059**	**IMS Multimedia Telephony and Supp**	**IMSTSS**	**1**	**Rel-8**	**S1,S5,C1**	**02/05/2007**	**14/09/2012**	**86%**	**not applicable**	-	**-**	**19/11/2007**		**SP#43 completed**
##	**1206**	**390035**	**3GPP2 Input to Common IMS**	**CIMS_3GPP2**	**1**	**Rel-8**	**S1,S2,S3**	**07/03/2008**	**11/12/2008**	**100%**	**SP-080220**	**Nortel**	**om)**	**04/12/2008**		**TSG#42 completed**
##	**1213**	**350005**	**IMS Enhancements for support of P**	**PktCbl**	**1**	**Rel-8**	**S2,S3,C1**	**06/12/2006**	**30/05/2008**	**100%**	**not applicable**	**Cablelabs**	**om)**	**29/03/2007**		**CP#40 completed**
##	**1225**	**360012**	**IMS System enhancements for corp**	**IMS_Corp**	**1**	**Rel-8**	**S2,S1,C1**	**22/06/2007**	**14/09/2012**	**84%**	**SP-080095**	**Orange**	**nira**	**29/07/2010**		**CP#47 completed**
##	**1231**	**380069**	**Maintenance of TISPAN documentat**	**MAINTISP**	**1**	**Rel-8**	**S2,C1,C3**	**02/07/2007**	**14/09/2012**	**58%**	**not applicable**	-		**29/07/2010**		**SP#40 completed**
##	**1238**	**390056**	**IMS Service Continuity**	**IMS-Cont**	**1**	**Rel-8**	**S2,S1,C1**	**12/03/2008**	**29/05/2009**	**100%**	**SP-080092**	**LG Electroni**	**om)**	**29/07/2010**		**CP#44 completed**
##	**1242**	**370078**	**Security Enhancements for IMS**	**IMS-Sec**	**1**	**Rel-8**	**S3,C1,C4**	**19/09/2006**	**06/03/2009**	**100%**	**SP-070496**	**Ericsson**	**:om**	**20/02/2009**		**CP#43 completed**

ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S	Notes
##	1248	34046	IMS initiated and controlled PSS an	IMS_PSS_MBMS_	1	Rel-8	S2,S4,C3	12/03/2008	21/09/2011	100%	SP-080201	FT, Ericsson	:om	30/06/2011		SP#39 WID approved
##	1251	713024	Multimedia interworking between IM	MIW-IMS	1	Rel-8	C3,C4	23/09/2005	05/12/2008	100%	CP-070729	Vodafone	:om	10/12/2008		CP#42 completed
##	1256	360029	IMS Stage 3 IETF Protocol Alignmen	IMSProtoc2	1	Rel-8	C1,IETF	22/06/2007	14/09/2012	63%	CP-080794	Alcatel-Luce	om)	20/02/2009		CP#43 completed
##	1261	380014	Interworking between User-to-User	UUSIW	1	Rel-8	C1,C3,IE	30/11/2007	16/05/2012	57%	CP-070782	Huawei	om)	11/03/2009		CP#43 completed
##	1265	380018	Support of Overlap signalling	Overlap	1	Rel-8	C3,C1,C4	30/11/2007	06/03/2009	100%	CP-070731	Deutsche Te	ı.de	20/02/2009		CP#43 completed
##	1269	380035	AS/MRFC Stage 2 and 3	MRFC_TS	1	Rel-8	C1,IETF	14/11/2007	09/12/2011	94%	CP-070784	Hewlett-Pacl	:om	30/07/2010		CP#42 completed. Tri
##	1272	400012	IMS Restoration Procedures	IMS_RP	1	Rel-8	C4,C1	30/05/2008	06/03/2009	100%	CP-080447	Ericsson	:om	30/07/2010		CP#43 completed. Tri
##	1275	410003	IMS Application Server Service Data	IMS_ASIO	1	Rel-8	C4	12/09/2008	06/03/2009	100%	CP-080451	Alcatel-Lucer	com	20/02/2009		CP#43 completed. Trig
##	1276	340030	I-WLAN Network Selection Principle	IWLANNSP	1	Rel-8	S1,C1,C6	14/06/2007	06/03/2009	100%	SP-060932	Telefónica C	:om	25/02/2009		CP#43 completed
##	1280	370049	Mobility between 3GPP-WLAN Interv	IWLAN_Mob	1	Rel-8	S2,C1	14/09/2007	06/03/2009	100%	SP-070701	Orange	:om	27/05/2008		CP#43 completed
##	1283	460006	Conformance Test Aspects – Mobili	IWLAN_Mob_UEC	1	Rel-8	R5	04/12/2009	17/09/2010	100%	RP-091349	Qualcomm	om)	09/09/2010		RP#49 completed. Tes
##	1284	7042	Enhancements for Voice Group Call	EVA	1	Rel-8	S1,C1,C4	15/03/2006	18/09/2009	100%	SP-070904	Nortel	om)	30/07/2010		CP#45 completed
##	1290	31081	Personal Network Management	PNM	1	Rel-8	S1,C1,S3	11/07/2005	06/03/2009	100%	SP-080327	Vodafone	:om	24/03/2009		CP#43 completed
##	1298	330005	eCall Data Transfer	EData	1	Rel-8	S1,C1	28/09/2006	06/03/2009	100%	SP-060678	Airbiquity	:om	02/08/2010		SP#39 completed. Lir
##	1301	34042	eCall data transfer Phase 2: Compar	eCall_Phase2	1	Rel-8	S4	06/12/2007	24/09/2009	100%	SP-070756	Airbiquity	com	02/08/2010		SP#45 completed. Trig
##	1302	450001	eCall Conformance Testing	eCall_MSTest	1	Rel-8	G3new	04/09/2009	03/09/2010	100%	GP-091098	Ericsson, Qu	om)	04/09/2010		GP#47 completed. GP
##	1303	450023	Conformance Test Aspects – non-m	UMTS_eCall_UEC	1	Rel-8	R5	18/09/2009	04/06/2010	100%	RP-090952	Ericsson, Qu	om)	01/06/2010		RP#48 completed. Tes
##	1304	380060	IP Interconnection of Services	IPinterc	1	Rel-8	S1,S2,S5	16/08/2006	06/03/2009	100%	SP-080565	Telefónica C	:om	02/08/2010		SP#43 completed
##	1312	360025	Support of (G)MSC-S – (G)MSC-S N	SIP_Nc	1	Rel-8	C4,C3	14/09/2007	06/03/2009	100%	CP-080282	Vodafone	:om	28/05/2008		CP#43 completed. St
##	1317	370051	Earthquake and Tsunami Warning S	ETWS	1	Rel-8	S1,S2,C1	10/09/2007	15/05/2009	100%	SP-070815	NTT DoCoM	o.jp	02/08/2010		SP#43 Larger scope I
##	1323	440011	Conformance Test Aspects – UMTS	ETWS_UMTS_UE	1	Rel-8	R5	29/05/2009	12/03/2010	100%	RP-090467	NTT DoCoM	o.jp)	08/03/2010		RP#47 completed. Tes
##	1324	380059	In Case of Emergency numbers stor	ICE	1	Rel-8	S1,C6	13/03/2007	06/03/2009	100%	SP-070944	Vodafone	:om	04/03/2009		CP#43 completed (IC
##	1327	330006	Local Charging Zone Requirements	LCZR	1	Rel-8	S1	28/09/2006	12/03/2008	100%	SP-060482	China Mobile	com	25/03/2008		SP#39 Stage 1 comple
##	1328	340029	Customized Alerting Tone (CAT) ser	CAT	1	Rel-8	S1,C1,C3	06/12/2006	18/09/2009	100%	SP-070122	China Mobil	:om	02/08/2010		CP#45 completed
##	1335	340031	Service-Level Interworking for Mess	MESSIW	1	Rel-8	S1,S2,C3	26/03/2007	06/03/2009	100%	SP-070816	Huawei	:om	02/08/2010		CP#43 completed
##	1340	340044	Multimedia Priority Service	PRIOR	1	Rel-8	S1,C1,C3	08/06/2006	18/09/2009	100%	SP-060780	Telcordia	:om	09/09/2009		CP#45 completed
##	1345	360010	OSA Rel-8	OSA8	1	Rel-8	S1,C5	23/08/2007	30/05/2008	100%	SP-070692	Orange	ong	30/08/2010		SP#40 maintenance &
##	1367	360032	Paging Permission with Access Cor	PPACR	1	Rel-8	S1,C1	12/06/2007	05/12/2008	100%	SP-070501	NTT DoCoM	ashi	10/12/2008		CP#42 completed. Tri
##	1370	490017	Conformance Test Aspects – Pagin	PPAC_UEConTest	1	Rel-8	R5	17/09/2010	10/12/2010	100%	RP-100806	NTT DoCoM	com	08/12/2010		RP#50 completed
##	1371	380063	Charging for multi-phases services	CHRGMPH	1	Rel-8	S1	06/12/2007	12/03/2008	100%	SP-080053	Telecom Ital	ia.it	10/12/2008		SP#39 Stage 1 compl
##	1373	380065	Home NodeB / eNodeB	HomeNB	1	Rel-8	S1,C1,C4	06/12/2007	06/03/2009	100%	SP-070952	Vodafone	son	11/03/2009		CP#43 completed
##	1378	390033	UTRA HNB	HNB	1	Rel-8	RP,S5	07/03/2008	04/06/2009	100%	not applicable	-	-	03/06/2008		SP#44 completed
##	1383	430022	UTRA HNB – UE Conformance Testi	HNB-UEConTest	1	Rel-8	R5	06/03/2009	04/06/2010	100%	not applicable	-	-	01/06/2010		RP#48 FDD complete
##	1385	350015	Lawful Interception in the 3GPP Rel	LI8	1	Rel-8	S3	12/03/2007	12/03/2009	100%	SP-070238	BMWI, Verizc	net	11/03/2009		SP#43 completed
##	1386	390046	Generic Bootstrapping Architecture	GBAPush	1	Rel-8	S3,C1,C4	12/03/2008	06/03/2009	100%	SP-080133	Ericsson	lom	20/02/2009		CP#43 completed
##	1390	34045	Requirements and Test methods for	RETEM_WB_T	1	Rel-8	S4	12/03/2008	11/12/2008	100%	SP-080004	FT, Ericsson	com	21/11/2008		SP#42 completed. SP#
##	1391	34043	Extending PSS and MBMS User Ser	PSS_MBMS_OMT	1	Rel-8	S4	06/12/2007	11/12/2008	100%	SP-070757	Ericsson	com	21/11/2008		SP#42 completed. SP#
##	1392	400028	Encoding formats, transport format	MTSI_eMHI	1	Rel-8	S4,C3,C4	06/12/2007	12/03/2009	100%	SP-080443	Ericsson, Qu	:om	21/02/2009		TSG#43 completed
##	1397	340063	Rel-8 Operations, Administration, M	OAM8	1	Rel-8	S5,C1,C4	07/06/2007	14/09/2012	89%	TR 30.818	-	-	02/08/2010		-
##	1416	350016	Rel-8 Charging Management small E	CH8	1	Rel-8	S5	16/03/2006	11/12/2008	100%	TR 30.818	-	-	24/03/2009		SP#42 completed
##	1421	380024	Conferencing enhancements for Mp	eMp	1	Rel-8	C4	30/11/2007	05/12/2008	100%	CP-080725	Huawei	:om	02/08/2010		CP#42 completed
##	1424	320014	Contact Manager for 3GPP UICC ap	eUPHBOOK	1	Rel-8	C6	22/06/2006	05/12/2008	100%	CP-080382	Gemalto	:om	24/03/2009		CP#42 completed. CF
##	1429	20068	Rel-8 LTE – 3G Long Term Evolutior	LTE	1	Rel-8	RP,S5	25/09/2006	12/03/2009	100%	RP-080747	NTT DoCoM	.jp)	18/12/2009		RP#43 completed. Rc

ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S o	Notes
##	**1444**	**25029**	**Rel-8 LTE – Terminal Conformance**	**LTE-UEConTest**	**1**	**Rel-8**	**R5**	**01/06/2007**	**04/12/2009**	**100%**	**not applicable**	**-**		**01/06/2008**		**Testing for Feature U**
##	**1448**	**350040**	**Rel-8 Improvements of the Radio Int**	**RInImp8**	**1**	**Rel-8**	**RP**	**05/03/2007**	**06/03/2009**	**100%**	**not applicable**	**-**	**-**	**24/03/2009**		**-**
##	**1457**	**25125**	**Rel-8 Improvements of the Radio Int**	**RInImp-UEConTe**	**1**	**Rel-8**	**R5**	**01/06/2007**	**05/12/2008**	**100%**	**not applicable**	**-**		**01/06/2008**		**05/08: Linked to Feat**
##	**1460**	**370035**	**Rel-8 RAN improvements**	**RANimp**	**1**	**Rel-8**	**RP**	**04/06/2007**	**29/05/2009**	**100%**	**not applicable**	**-**		**09/02/2010**		**-**
##	**1474**	**25126**	**Rel-8 RAN improvements - UE Confo**	**RANimp-UEConT**	**1**	**Rel-8**	**R5**	**30/05/2008**	**17/09/2010**	**100%**	**not applicable**	**-**		**01/06/2008**		**Linked to Feature UID**
##	1486	360008	**3.84 Mcps TDD MBSFN Integrated M**	MBSFN-DOB	1	Rel-8	R1	04/06/2007	05/12/2008	100%	RP-081124	Ericsson	com	09/12/2008		RP#42 completed. WID
##	1487	440008	**Conformance Test Aspects – 3.84 M**	MBSFN_IMB_UEC	1	Rel-8	R5	30/05/2009	19/03/2010	100%	RP-090583	IPwireless	om)	16/03/2010		RP#47 completed. Tes
##	**1488**	**50583**	**GERAN support for GERAN - 3G Lo**	**GELTE**	**1**	**Rel-8**	**GP,G1,C**	**08/09/2006**	**25/11/2011**	**100%**	**GP-061757**	**Nokia, Nokia**	**:om**	**25/11/2011**		**GP#41 completed. GP**
##	1493	55586	**U-TDOA Enhancement**	GUTEN	1	Rel-8	GP	18/05/2007	16/11/2007	100%	GP-070865	TruePosition	om)	30/05/2009		GP#36 completed U-TI
##	**1494**	**50587**	**GAN Enhancements**	**GANENH**	**1**	**Rel-8**	**GP**	**15/05/2007**	**04/09/2009**	**100%**	**GP-071484**	**T-Mobile**	**:om**	**28/09/2009**		**GP#37 completed. GP**
##	**1497**	**50591**	**AoIP (A-interface over IP)**	**AoIP**	**1**	**Rel-8**	**GP,S4,C**	**03/01/2000**	**11/12/2008**	**100%**	**GP-081361**	**China Mobile**	**:om**	**03/12/2008**		**GP#40/TSG#42 comp**
##	1503	51147	**New multicarrier BTS class**	MCBTS	1	Rel-8	G1	31/08/2007	29/08/2008	100%	GP-071542	Alcatel-Lucer	it.de	31/08/2008		GP#39 completed
##	**1504**	**38001**	**Support for Additional Navigation S**	**ANSS**	**1**	**Rel-8**	**S1,G2**	**16/05/2008**	**11/12/2008**	**100%**	**GP-081784**	**Qualcomm**	**nda**	**19/02/2009**		**GP#40 completed. Al**
##	**1508**	**51149**	**Conformance testing for the Latenc**	**CTLATRED**	**1**	**Rel-8**	**G1, G3ne**	**22/02/2008**	**05/03/2010**	**100%**	**GP-080367**	**Ericsson**	**:om**	**05/03/2010**		**GP#45 completed**
##	1511	53091	**MS conformance testing of changes**	PSHCT-MStest	1	Rel-8	G3new	22/02/2008	21/11/2008	100%	GP-080411	Rohde & Sch	:OM	22/11/2008		GP#40 completed
##	1512	320001	**(Small) Technical Enhancements an**	TEI8	1	Rel-8	All	01/01/2007	11/12/2008	100%	not applicable	-		20/02/2009		SP#42 completed
##	1513	521029	**(IETF) (Small) Technical Enhanceme**	TEI8_IETF_draft-ie	1	Rel-8	C1-IETF	01/01/2007	14/09/2012	50%	not applicable	Christer Holm	com	06/12/2011		waiting for AD go ahea
##	1514	400025	**Test - (Small) Technical Enhanceme**	TEI8_Test	1	Rel-8	R5,G3ne	07/03/2007	24/12/2010	100%	not applicable	-	-	07/12/2010		-
##	*1515*	*31067*	*Deleted - All-IP Network*	*AIPN*	*1*	*Rel-8*	*S1*	*28/06/2004*	*15/03/2006*	*100%*	*SP-050181*	*NTT DoCoMo*	*o.jp*	*24/03/2009*	*3*	*SP#38 stopped. 25/07/*
##	*1517*	*340032*	*Deleted - was Rel7 - LCS for 3GPP Interworking WLA*	*LCS4_IWLAN*	*1*	*Rel-8*	*S2*	*28/09/2007*	*28/09/2007*	*100%*	*SP-060818*	*LG Electronic*	*:om*	*24/03/2009*	*5*	*SP#35 stopped*
##	*1518*	*330010*	*Deleted - never approved- FBI Phase 2*	*FBI2*	*1*	*Rel-8*	*S2*	*28/09/2007*	*28/09/2007*	*100%*	*-*	*Nokia Siemer*		*24/03/2009*	*3*	*SP#38 stopped*
##	*1519*	*330007*	*Deleted -Enhancements to BS30 Bearer service for V*	*BS30*	*1*	*Rel-8*	*S1*	*15/03/2007*	*15/03/2007*	*100%*	*SP-060484*	*3*	*).uk*	*24/03/2009*	*3*	*SP#38 stopped (no su*
##	*1520*	*370055*	*Deleted - IMS Enhancements Rel-8*	*IMS8*	*1*	*Rel-8*	*S1*	*03/09/2007*	*14/12/2007*	*100%*	*-*	*Telecom Italia*		*24/03/2009*	*3*	*SP#38 stopped*
##	*1521*	*400023*	*Deleted - Contact Manager Conformance Test specifi*	*eUPHBOOK-Test*	*1*	*Rel-8*	*C6*	*02/06/2008*	*19/03/2010*	*100%*	*CP-080430*	*Comprion, Ge*	*Seif*	*09/03/2010*	*7*	*CP#47 work stopped/a*
##	*1524*	*53092*	*Deleted - MS conformance testing of Support of Conv*	*SCSAGBCT-MSte*	*1*	*Rel-8*	*G3new*	*25/02/2008*	*04/09/2009*	*100%*	*GP-080330*	*Nokia*	*:om*	*07/09/2009*	*3*	*GP#43 work stopped/a*
##	1525	0	**Release 8 Studies**	-	1	Rel-8	CP,GP,R	07/10/2005	12/11/2010	100%	-	-	-	09/02/2010		-
##	1526	7026	**Study on Customised Alerting Tone**	FS_CAT	1	Rel-8	S1	07/10/2005	14/09/2006	100%	SP-060474	China Mobile	om)	31/08/2010		Spin-off Rel-8 Feature
##	1527	7027	**Study on Facilitating Machine to Ma**	FS_M2M	1	Rel-8	S1	04/11/2005	08/03/2007	100%	SP-050527	Siemens	rkel	24/03/2008		SP#35 completed. Spir
##	1528	31089	**Study on Network Composition**	FS_NetComp	1	Rel-8	S1	07/12/2005	12/12/2007	100%	SP-060478	Nokia Siemer	.eu)	24/03/2008		SP#38 completed
##	1529	320024	**Study on Requirements of IMS Multi**	FS_IMSconf	1	Rel-8	S1	08/06/2006	12/09/2007	100%	SP-060479	China Mobile	om)	31/08/2010		SP#37 completed. Spir
##	1530	320025	**Study on support of a Public Warnir**	FS_PWS	1	Rel-8	S1	03/09/2007	14/03/2008	100%	SP-080054	T-Mobile	com	20/03/2008		SP#39 completed. Spir
##	1531	330016	**Study on Paging Permission with Ac**	FS_PPAC	1	Rel-8	S1	28/09/2006	20/09/2007	100%	SP-060785	NTT DoCoMo	o.jp)	31/08/2010		SP#37 completed. Spir
##	1532	340033	**Study on Non-3GPP access Network**	FS_N3GtoNSP	1	Rel-8	S1	06/12/2006	05/06/2008	100%	SP-080318	Telefónica O2	com	03/06/2008		SP#38 completed. Spir
##	1533	340034	**Study on Value Added Services for S**	FS_VAS4SMS	1	Rel-8	S1	06/12/2006	07/12/2007	100%	SP-060786	China Mobile	om)	31/08/2010		SP#38 completed. Spir
##	1534	340035	**Study on Service continuity betweer**	FS_SMLSWLAN	1	Rel-8	S1	06/12/2006	06/12/2007	100%	SP-060936	NEC	o.eu	31/08/2010		SP#38 completed
##	1535	370086	**Study on Services Alignment and Mi**	FS_ServAl	1	Rel-8	S1	06/12/2006	12/03/2008	100%	SP-070126	Telefónica O2	com	05/08/2010		SP#39 completed. Spir
##	**1536**	**32085**	**Study on 3GPP System Architecture**	**FS_SAE**	**1**	**Rel-8**	**S2,S3**	**03/12/2004**	**12/03/2009**	**100%**	**SP-070163**	**Vodafone**	**ney**	**20/02/2009**		**SP#43 completed**
##	1540	320028	**Study on Stage 2 aspects of IMS Se**	FS_ISB_ST2	1	Rel-8	S2	19/06/2006	18/09/2008	100%	SP-060443	Telcordia	com	14/09/2008		SP#41 completed. No
##	1541	7049	**Study on IMS utilizing multicast bea**	FS_MLTICAST-IM	1	Rel-8	S2	22/03/2006	06/12/2007	100%	SP-060148	Nokia Siemer		24/03/2008		SP#38 completed
##	1542	350051	**Study on Multimedia Session Contir**	FS_MMSC	1	Rel-8	S2	26/04/2007	05/06/2008	100%	SP-070818	LG Electronic		24/03/2008		SP#40 completed
##	**1543**	**380034**	**Study on centralized IMS service co**	**FS_ICS**	**1**	**Rel-8**	**S2,S1**	**23/10/2006**	**12/03/2008**	**100%**	**SP-070494**	**Ericsson**	**:om**	**20/03/2008**		**SP#39 completed**
##	1546	380078	**Study on Architecture of IMS based**	FS_CAT-St2	1	Rel-8	S2	04/12/2007	18/09/2008	100%	SP-070905	China Mobile	om)	23/09/2008		SP#41 completed as R
##	1547	380085	**Study on Home (e)NodeB Security**	FS_HNB_Sec	1	Rel-8	S3	20/12/2007	12/03/2009	100%	SP-070783	Huawei	com	11/03/2009		SP#43 completed. Link

ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S op	Notes
##	1548	360015	Study on Transferring of emergency	eCALLIBMS	1	Rel-8	S4	07/12/2006	12/12/2007	100%	SP-060935	Airbiquity	com	16/05/2008		SP#38 completed. Spir
##	*1549*	35065	Study on Element Operations Syste	OAM7-NIM- EOSF	1	Rel-8	S5	07/06/2007	12/06/2008	100%	SP-070307	China Mobile	om)	28/04/2008		SP#40 completed. WID
##	*1550*	35074	Study on SA5 MTOSI XML Harmoniz	OAM8-NIM-XML	1	Rel-8	S5	10/05/2006	12/09/2007	100%	SP-070305	Nortel	com	15/10/2009		SP#37 completed. WID
##	1551	320006	Study on Common Profile Storage (	OAM7-CPS	1	Rel-8	S5	03/07/2006	07/06/2007	100%	SP-060263	T-Mobile	le.at	17/03/2008		SP#36 completed. Spir
##	1552	340036	Study on Management for LTE and S	FS_OAM_LTE_SA	1	Rel-8	S5	07/12/2006	11/12/2008	100%	SP-060753	Ericsson	:om	25/11/2008		SP#42 completed
##	1553	350004	Study on Charging Aspects of 3GPF	FS_SAEcharg	1	Rel-8	S5	02/04/2007	06/12/2007	100%	SP-070174	Nokia Siemer	com	17/03/2008		SP#38 completed
##	1554	7048	Study on AS-MRFC media server co	MRFC	1	Rel-8	C1	22/03/2006	13/06/2008	100%	CP-060180	Hewlett-Pack	com	13/05/2008		CP#40 completed. Spir
##	1555	350018	Study on IMS Restoration Procedure	FS_IMS_RP	1	Rel-8	C4	26/03/2007	30/05/2008	100%	CP-070031	Ericsson	com	29/05/2008		CP#40 completed. Spir
##	1556	360030	Study on IMS Application Server Se	FS_IMS_ASIO	1	Rel-8	C4	14/09/2007	12/09/2008	100%	CP-070685	Alcatel-Lucer	ottin	11/09/2008		CP#41 completed. Link
##	1557	360031	Study on Customized Alerting Tone	FS_CAT_VVC_CS	1	Rel-8	C4	14/09/2007	12/09/2008	100%	CP-070518	China Mobile	com	01/09/2008		CP#41 completed. Spir
##	1558	380023	Study on InterWorking Function bet	FS_MAP2Diam	1	Rel-8	C4	30/11/2007	05/12/2008	100%	CP-070760	Huawei	com	22/11/2008		CP#42 completed. Spir
##	1559	370041	Study on Scope of future HSPA Evo	FS_RAN-LCRTDD	1	Rel-8	R1	14/09/2007	30/05/2008	100%	RP-070748	RITT	Fei	12/06/2008		RP#40 completed
##	1560	370042	Study on Synchronized E-DCH for U	FS_RAN-UplinkSy	1	Rel-8	R1	14/09/2007	07/03/2008	100%	RP-070678	Nokia Siemer	com	26/06/2008		RP#39 completed
##	1561	360016	Study on Improved network controll	FS_RAN-LTEmob	1	Rel-8	R4	04/06/2007	03/12/2007	100%	RP-070511	Motorola	com	26/06/2008		RP#38 completed
##	1562	350039	Study on 3G Home NodeB/eNodeB	FS_RAN-HNBeNB	1	Rel-8	R4	05/03/2007	30/05/2008	100%	RP-070257	Motorola	com	26/06/2008		RP#40 completed
##	1563	50589	Study on A-interface over IP	AINTIP	1	Rel-8	GP	31/08/2007	22/02/2008	100%	GP-071562	China Mobile	com	03/03/2008		GP#37 completed. Spir
##	1564	50590	Study on Multi-User Reusing-One-S	MUROS	1	Rel-8	GP	16/11/2007	12/11/2010	100%	GP-072033	Nokia Siemer	com	30/11/2010		GP#48 completed as F
##	1565	51148	Study on Optimized Transmit Pulse	WIDER	1	Rel-8	G1	16/11/2007	21/05/2010	100%	GP-072026	Research In I	com	27/05/2010		GP#46 completed
##	*1566*	*350017*	*Deleted - Study on Mobility between 3GPP-WLAN Inte*	*FS_SM3GWLAN*	*1*	*Rel-8*	*S2*	*20/03/2007*	*18/09/2008*	*100%*	*SP-070106*	*Orange*		*17/09/2008*	*1*	*SP#41 stopped. Draft 1*
##	*1567*	*370044*	*Deleted - equals 340035 -FS on Service continuity be*	*FSSCMobToW*	*1*	*Rel-8*	*S1*	*03/09/2007*	*14/12/2007*	*100%*	*SP-070557*	*BT*	*:om*	*24/03/2009*	*9*	*SP#39 stopped*
##	*1568*	*380068*	*Deleted - Study on Evaluation of LCS Control Plane S*	*FS_LCS_EPS*	*1*	*Rel-8*	*S2*	*14/01/2008*	*30/05/2008*	*100%*	*SP-070819*	*SiRF*		*24/03/2009*	*0*	*SP#40 spin-off Feature*
##	*1569*	*380080*	*Deleted - Study on HS-PDSCH serving cell change er*	*FS_RAN-HSPDSC*	*1*	*Rel-8*	*R4*	*17/12/2007*	*07/03/2008*	*100%*	*RP-071044*	*Qualcomm*		*26/06/2008*	*9*	*RP#39 stopped (no TR*
##	*1570*	*390032*	*Deleted - Study on Dual-Cell HSDPA operation*	*FS_RAN-DCHS*	*1*	*Rel-8*	*R1*	*15/08/2007*	*06/03/2009*	*100%*	*RP-080228*	*Qualcomm*	lanz	*17/03/2009*	*3*	*RP#43 stopped (draft 7*
##	1571	0	Release 7 Features	-	1	Rel-7	CP,GP,R	02/05/2005	06/12/2007	100%	-	-	-	09/02/2010		-
##	**1572**	**732097**	**Identification of Communication Se**	**ServID**	**1**	**Rel-7**	**S2,S1,C1**	**02/05/2005**	**14/09/2007**	**100%**	**SP-060293**	**Ericsson**	**:om**	**01/07/2008**		**WID approved SP#28.**
##	**1577**	**32116**	**Supporting Globally Routable User**	**GRUU**	**1**	**Rel-7**	**S2,S1,C1**	**14/11/2005**	**15/06/2007**	**100%**	**SP-050633**	**Research In**	**om)**	**01/07/2008**		**SP#29 approved WID**
##	**1581**	**7038**	**Multimedia Telephony Service for IM**	**MTSI**	**1**	**Rel-7**	**S1,C1,S4**	**01/02/2006**	**15/06/2007**	**100%**	**SP-060224**	**Ericsson**	**:om**	**25/06/2008**		**-**
##	1586	350147	Multimedia Telephony Service for IM	MTSI-UEConTest	1	Rel-7	R5	19/09/2007	12/03/2009	100%	RP-080605	Ericsson, Mo	com	24/02/2009		RP#43 completed. Link
##	1587	377001	TISPAN requirements for Multimedia	TMMTEL7	1	Rel-7	S1	18/09/2007	06/12/2007	100%	SP-070568	-		10/01/2008		-
##	**1588**	**387001**	**Maintenance of TISPAN release 1 co**	**MCIMSTR1**	**1**	**Rel-7**	**S2**	**18/09/2007**	**06/12/2007**	**100%**	**SP-070915**	**Ericsson**	**bes**	**21/07/2008**		**-**
##	**1591**	**32045**	**PS domain and IMS impacts for sup**	**EMC1**	**1**	**Rel-7**	**S2,S1,C1**	**18/09/2000**	**09/12/2011**	**100%**	**SP-050604**	**Siemens**	hart	**28/03/2003**		**-**
##	1604	11065	IMS Support of Conferencing	IMSconf	1	Rel-7	C1	04/11/2005	15/03/2007	100%	CP-070120	Alcatel-Lucer	om)	01/07/2008		CP#35 revised WID
##	1605	34033	Performance Characterization of Vo	VoIMS-PCVoIMS	1	Rel-7	S4	15/03/2005	06/12/2007	100%	SP-050089	Alcatel-Lucer	com	10/01/2008		-
##	**1606**	**31062**	**WLAN-UMTS Interworking Phase 2**	**WLAN2**	**1**	**Rel-7**	**S1,S2**	**05/01/2004**	**07/06/2005**	**100%**	**SP-030712**	**Telenor**	**:om**	**19/09/2006**		**Created at SP#27 bec**
##	**1609**	**32110**	**WLAN Interworking – Private Netwo**	**WLANPNA**	**1**	**Rel-7**	**S2,C1,C3**	**10/10/2005**	**26/09/2006**	**100%**	**SP-050489**	**NEC**	**om)**	**07/10/2005**		**-**
##	**1615**	**32092**	**Enhancements to support QoS prov**	**WLANQOS**	**1**	**Rel-7**	**S2,C4,C1**	**14/03/2005**	**09/03/2007**	**100%**	**SP-050682**	**Samsung**		**18/07/2008**		**Moved from FS sectio**
##	**1620**	**32079**	**Location Services enhancements**	**LCS3**	**1**	**Rel-7**	**S1,S2,GF**	**28/06/2004**	**17/12/2007**	**100%**	**SP-040682**	-		**02/07/2008**		**-**
##	**1632**	**31084**	**MBMS Enhancements**	**MBMSE**	**1**	**Rel-7**	**S1,R1,C3**	**11/07/2005**	**30/11/2007**	**100%**	**SP-050389**	**China Mobile**	**:om**	**25/06/2008**		**-**
##	**1638**	**400058**	**MBMS - UE Conformance Testing**	**MBMSE_UEConT**	**1**	**Rel-7**	**R5**	**01/06/2007**	**04/12/2009**	**100%**	**not applicable**	**-**		**01/04/2009**		**Linked to Rel-7 Featu**
##	1642	34038	MBMS User Service Extensions	MBMSUSE	1	Rel-7	S4	07/12/2005	07/06/2007	100%	SP-050838	Ericsson	com	29/05/2007		-
##	**1643**	**31051**	**Advanced Global Navigation Satellit**	**LCS3-AGNSS**	**1**	**Rel-7**	**S1,GP,R2**	**28/06/2004**	**31/08/2007**	**100%**	**SP-040681**	**Alcatel**	**:om**	**25/06/2008**		**-**
##	1647	50581	A-GPS Minimum Performance	GAGR	1	Rel-7	GP	28/04/2006	31/08/2007	100%	GP-060834	Spirent	:om	12/09/2007		-
##	**1648**	**31048**	**USSD message delivery and transfe**	**USSD-USIM**	**1**	**Rel-7**	**S1,C6**	**05/03/2004**	**12/08/2005**	**100%**	**SP-040104**	**Axalto**	**om)**	**10/09/2008**		**-**

ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S o	Notes
##	1651	31063	Combinational Services	CSICS	1	Rel-7	S1,S2,C1	17/01/2005	06/03/2006	100%	SP-050228	TeliaSonera	:om	02/07/2008		-
##	1656	31065	CAMEL Trunk Triggers	TTCAMEL	1	Rel-7	S1,C4	17/12/2004	05/12/2005	100%	SP-040743	Nortel	om)	18/07/2008		-
##	1659	31088	IMS Service Brokering enhancemen	ISB	1	Rel-7	S1	07/12/2005	13/03/2006	100%	SP-050830	Telcordia	com	25/03/2008		No CR submitted in rel
##	1661	11045	Enhancements of VGCS for public a	EVGCS	1	Rel-7	S1,C1,C4	27/08/2004	15/06/2007	100%	SP-040304	-		17/07/2006		Moved from Rel-6 UID
##	1667	11055	Improvements of VGCS for parallel	IVGCS	1	Rel-7	S1	15/03/2005	15/03/2007	100%	SP-070167	-	-	26/03/2007		Voice Group Call Ser
##	1673	31071	OSA Rel-7	OSA7	1	Rel-7	S1,C5	15/03/2005	08/06/2007	100%	SP-050183	AePONA	:om	15/09/2005		-
##	1685	31053	Selective Disabling of UE Capabilitie	SDoUE	1	Rel-7	S1,S2,C1	24/01/2005	15/06/2007	100%	SP-050182	Motorola		17/07/2008		Moved from FS sectio
##	1689	7041	Network selection enhancements (N	NSP-CR	1	Rel-7	S1	15/03/2006	15/06/2007	100%	SP-060220	O2	:om	22/03/2006		-
##	1692	25048	Network selection enhancements (N	NSP-CR_UEConT	1	Rel-7	R5	01/06/2007	05/12/2008	100%	RP-080135	Nokia	com	09/12/2008		RP#42 completed. Tes
##	1693	32064	Access Class Barring and Overload	ACBOP	1	Rel-7	S2,C1	15/03/2004	08/09/2006	100%	SP-040338	Vodafone	ney	15/07/2008		-
##	1699	32074	System enhancements for Fixed Bro	FBI	1	Rel-7	S2,S3,S5	05/11/2003	09/12/2011	100%	SP-060145	-	-	21/10/2004		-
##	1712	32081	Support of SMS over generic 3GPP	SMSIP	1	Rel-7	S2,C4,C1	14/10/2004	14/06/2007	100%	SP-060658	Huawei	:om	18/07/2008		SP#33 updated WID (
##	1718	32082	Evolution of Policy Control and Cha	PCC	1	Rel-7	S2,S5,C3	14/10/2004	30/11/2007	100%	SP-060217	Nokia	:om	18/07/2008		SP-29 approved WID.
##	1727	32091	Voice Call Continuity between CS ar	VCC	1	Rel-7	S2,S1,S5	31/12/2004	15/06/2007	100%	SP-060292	Alcatel-Luce	om)	21/07/2008		WID approved SP#27
##	1736	7046	One Tunnel solution for optimizatio	OPTUNEL	1	Rel-7	S2	27/03/2006	31/10/2007	100%	SP-060819	Nokia	:om	15/07/2008		-
##	1740	320029	CSI Terminating Session handling	CSItermS	1	Rel-7	S2,C1	08/06/2006	15/06/2007	100%	SP-060437	Samsung	ong	17/07/2008		Triggered by the aba
##	1744	33022	Liberty Alliance and 3GPP Security I	LibSec	1	Rel-7	S3	10/03/2005	30/11/2006	100%	SP-050145	Nokia	com	16/07/2008		WID approved SP#27.
##	1745	33023	Trust Requirements for Open Platfo	TrustOP	1	Rel-7	S3	03/01/2005	30/11/2006	100%	SP-040863	Nokia	com	16/07/2008		WID approved SP#26.
##	1746	33024	Development of UEA2 and UIA2	AlgUEA2	1	Rel-7	S3	01/12/2004	09/12/2005	100%	SP-040864	TeliaSonera	com	16/07/2008		WID approved SP#26,
##	1747	33026	Lawful Interception in the 3GPP Rel-	LI-7A	1	Rel-7	S3	28/06/2005	08/12/2005	100%	SP-050237	BMWI	o.de	16/07/2008		-
##	1748	33028	Key establishment between a UICC	KeyEstUTerm	1	Rel-7	S3	07/12/2005	28/09/2006	100%	SP-050780	Gemalto	com	10/01/2008		-
##	1749	330008	NDS Authentication Framework Ext	NDSAFTLS	1	Rel-7	S3	28/09/2006	06/12/2006	100%	SP-060507	Nokia	com	16/07/2008		TLS profile is moved to
##	1750	732030	Security enhancements	SEC7	1	Rel-7	S3,C1,C4	12/09/2005	30/11/2006	100%	-	-		16/07/2008		-
##	1757	711052	IMS Stage 3 IETF Protocol alignmen	IMSProtoc	1	Rel-7	C1	10/12/2004	14/03/2007	100%	CP-060101	-		29/05/2007		TR 24.930: Signalling f
##	1758	7043	Interoperability between VGCS/VBS	VGCSFlex	1	Rel-7	C1,C4	22/03/2006	09/03/2007	100%	CP-060102	Siemens	:om	21/07/2008		Voice Group Call Ser
##	1761	13023	DIAMETER on the GGSN Gi interfac	DIAMGi	1	Rel-7	C3	10/09/2004	08/12/2006	100%	CP-060431	Vodafone	com	15/07/2008		-
##	1762	13022	DIAMETER on the PDG Wi interface	DIAMWi	1	Rel-7	C3	10/09/2004	08/12/2006	100%	CP-060432	Vodafone	com	15/07/2008		-
##	1763	13033	Interworking between the 3GPP CS	ExtSIPI	1	Rel-7	C3	22/09/2006	22/07/2008	100%	CP-070101	Siemens	com	17/04/2008		-
##	1764	340047	PDU multiplexing at Nb Interface wit	NbIPMux	1	Rel-7	C3	04/12/2006	22/07/2008	100%	CP-070105	Alcatel-Lucer	nt.fr	04/05/2007		-
##	1765	14012	Mp (MRFC - MRFP) interface	Mp	1	Rel-7	C4,C1	13/02/2006	08/06/2007	100%	CP-070246	Ericsson	:om	15/07/2008		-
##	1770	340016	Routeing of MT-SMS via the HPLMN	SMSviaH	1	Rel-7	C4,C1	01/12/2006	09/03/2007	100%	CP-070032	Vodafone	com	12/09/2007		WID approved in CP#3
##	1771	350003	Mobile Termination whilst the MS is	MTmovMS	1	Rel-7	C4	09/03/2007	31/05/2007	100%	CP-070334	Alcatel-Lucer	nt.fr	29/05/2007		-
##	1772	743009	ISIM API for Java Card	APIJAVA	1	Rel-7	C6	14/03/2005	27/07/2007	100%	CP-050145	Sun	lans	12/09/2007		-
##	1773	440042	Rel-7 (U)SIM API Testing (TS 31.213)	USIM_API_test	1	Rel-7	C6	30/05/2009	19/03/2010	100%	CP-090450	Sagem Orga	com	09/03/2010		CP#47 completed. Upc
##	1774	330001	High speed interface between the UI	HSI	1	Rel-7	C6	22/09/2006	30/11/2007	100%	CP-070259	Gemalto	:OM	11/01/2008		Following ETSI publica
##	1775	34030	Video Codec Performance Requiren	VICPer	1	Rel-7	S4	03/01/2005	07/06/2007	100%	SP-040836	Siemens	com	29/05/2007		-
##	1776	34032	Dynamic and Interactive Multimedia	DIMS	1	Rel-7	S4	15/03/2005	07/06/2007	100%	SP-050195	Streamezzo	com	29/05/2007		-
##	1777	34034	3G-324M Video Telephony Call Setu	VTCSTI	1	Rel-7	S4	08/06/2005	27/09/2006	100%	SP-050404	Vodafone	o.uk	29/11/2006		-
##	1778	34035	Optimizations for Multimedia Telepl	OMTIMS	1	Rel-7	S4	28/09/2005	28/09/2005	100%	SP-060226	Ericsson	:om	29/03/2007		-
##	1780	34036	End-to-End Multimedia Services Per	E2EMSPM	1	Rel-7	S4	28/09/2005	15/03/2007	100%	SP-050433	China Mobile	com	08/03/2007		-
##	1781	34039	Packet Switched Streaming Enhanc	PSSe	1	Rel-7	S4	08/06/2006	07/06/2007	100%	SP-060361	Ericsson	com	29/05/2007		-
##	1782	35041	Rel-7 Operations, Administration, M	OAM7	1	Rel-7	S5	02/09/2005	26/06/2007	100%	TR 30.817	Huawei	:om	29/03/2007		-
##	1810	320007	Rel-7 Charging Management small E	CH7	1	Rel-7	S5	22/05/2006	14/06/2007	100%	TR 30.817	Orange	:om	09/03/2009		-

ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S o	Notes
##	1813	2468	Multiple-Input Multiple-Output (MIM	MIMO	1	Rel-7	R1,R5	14/03/2003	07/03/2008	100%	RP-030192	Alcatel-Luce	:om	25/06/2008		Completed Sep 2007;
##	1820	20028	Rel-7 Improvements of the Radio Int	RInImp	1	Rel-7	RP	15/09/2004	04/06/2007	100%	-	-		25/06/2008		Generic feature
##	1835	25025	Rel-7 Improvements of the Radio Int	RInImp-UEConTe	1	Rel-7	R5	11/11/2005	12/09/2008	100%	ıot applicable	-		01/06/2008		Linked to Feature UID
##	1844	20029	Rel-7 RAN improvements	RANimp	1	Rel-7	RP,S5	15/12/2004	15/06/2007	100%	-	-	-	25/06/2008		Generic feature
##	1859	25026	Rel-7 RAN improvements - UE Conf	RANimp-UEConT	1	Rel-7	R5	20/09/2006	18/09/2009	100%	ıot applicable	-		27/07/2010		Linked to Feature UID
##	1866	20014	7.68 Mcps TDD option	VHCRTDD	1	Rel-7	R1,R2,R3	15/09/2004	14/09/2007	100%	RP-060119	IPwireless	om)	27/07/2010		RP#31 completed
##	1873	20035	3.84 Mcps TDD Enhanced Uplink	EDCHTDD	1	Rel-7	RP	15/03/2005	15/09/2006	100%	RP-050100	IPwireless	:om	27/07/2010		RP#33 completed
##	1879	20055	1.28 Mcps TDD Enhanced Uplink	LCRTDD-EDCH	1	Rel-7	R1,R2,R3	15/03/2006	12/09/2008	100%	RP-060202	CATT	ı Hu	27/07/2010		RP#35 completed
##	1885	490016	Conformance Test Aspects – Multip	LCRTDD_MB_MF_	1	Rel-7	R5	17/09/2010	16/09/2011	100%	RP-100805	CATR	:.cn)	06/09/2011		RP#53 completed. Cor
##	1886	50118	MS Antenna Performance Evaluatio	APEMR	1	Rel-7	GP	28/01/2005	16/11/2007	100%	GP-050284	TeliaSonera	com	19/05/2008		GP#36 completed for F
##	1887	50119	Lower 700 MHz Inclusion in the GEF	GSM710	1	Rel-7	GP	03/01/2005	30/06/2006	100%	GP-050543	UTC	:om	19/09/2006		-
##	1891	50564	Support of Conversational Services	SCSAGB	1	Rel-7	GP	08/04/2005	31/08/2007	100%	GP-061501	Ericsson	:om	29/05/2007		Originally started Nov
##	1897	50565	Addition of new frequency band to (	TGSM810	1	Rel-7	GP	08/04/2005	31/08/2007	100%	GP-050945	Huawei	:om	29/05/2007		-
##	1901	50567	Handover of dedicated and shared r	HODSRDTM	1	Rel-7	GP	08/04/2005	17/11/2006	100%	GP-050979	Nokia	:om	19/09/2006		GP#30 completed. St
##	1905	50569	Mobile Station Receive Diversity (DA	MSRD2	1	Rel-7	GP	11/11/2005	16/11/2007	100%	GP-061491	Nokia	:om	19/05/2008		GP#36 completed
##	1910	50579	Downlink Dual Carrier	GDCDL	1	Rel-7	GP	20/01/2006	04/09/2009	100%	GP-061331	Nokia Sieme	).uk	01/04/2009		GP#35 completed
##	1914	50580	Support of SIGTRAN in GERAN	GSIGT	1	Rel-7	GP	20/01/2006	30/06/2006	100%	GP-060450	Ericsson	com	02/04/2009		GP#30 completed
##	1915	50582	Latency Reductions	LATRED	1	Rel-7	GP	30/06/2006	31/08/2007	100%	GP-061519	Ericsson	:om	12/09/2007		GP#35 completed
##	1918	52147	PS Handover between GERAN/UTRA	GUGAN	1	Rel-7	G2	30/06/2006	16/02/2007	100%	GP-061349	Ericsson	com	15/12/2008		GP#33 completed
##	1919	50584	Higher Uplink performance for GER	HUGE	1	Rel-7	GP	08/09/2006	20/05/2011	100%	GP-071083	Nokia Sieme	:om	26/07/2010		GP#39 completed
##	1926	50121	REduced symbol Duration, Higher C	REDHOT	1	Rel-7	GP	17/11/2006	20/05/2011	100%	GP-071080	Ericsson, Nc	:om	15/12/2008		GP#38 completed
##	1931	60110	(Small) Technical Enhancements an	TEI7	1	Rel-7	All	26/03/2007	26/03/2007	100%	not applicable	-	-	20/04/2006		-
##	1932	25030	Test - (Small) Technical Enhanceme	TEI7_Test	1	Rel-7	R5	02/06/2006	28/11/2007	100%	not applicable	-	-	26/05/2010		-
##	*1933*	*32113*	*Deleted - PS domain and IMS support for IMS Emerg*	*IMS-EMER*	*1*	*Rel-7*	*S2*	*23/06/2006*	*21/09/2006*	*100%*	*SP-050604*	*Nokia*	*:om*	*22/12/2005*	*)*	*Approved at SP#29*
##	*1936*	*32005*	*Deleted - IMS Local services*	*IMSLocal*	*1*	*Rel-7*	*S2*	*06/01/2006*	*06/01/2006*	*100%*	-	-		*30/05/2002*	*3*	-
##	*1939*	*32078*	*Deleted - IMS Phase 3*	-	*1*	*Rel-7*	*S2*	*06/01/2006*	*06/01/2006*	*100%*	-	-		*09/09/2004*	*5*	-
##	*1940*	*701216*	*Deleted - Improvements of Radio Interface*	*RInImp*	*1*	*Rel-7*	*RP*	*15/09/2004*	*15/09/2004*	*100%*	*V_Work_Items*	-		*08/07/2004*	*4*	*Stage 2 description of i*
##	*1941*	*14018*	*Deleted: Generic User Profile Phase 2*	-	*1*	*Rel-7*	*C4*	*08/08/2005*	*30/06/2006*	*100%*	-	-		*09/03/2005*	*7*	*Created at TSG#27 by*
##	*1942*	*42003*	*Deleted - Stage 3 - Common objects*	-	*1*	*Rel-7*	*C4*	*08/08/2005*	*30/06/2006*	*100%*	*TP-020275*	-		*09/03/2005*	*7*	*No progress in CN4#2*
##	1943	0	Release 7 Studies	-	1	Rel-7	CP,GP,R	28/06/2004	17/09/2007	100%	-	-		09/02/2010		-
##	1944	31082	Study on Multimedia Telephony Cap	MITE	1	Rel-7	S1	11/07/2005	31/07/2006	100%	SP-050387	Ericsson	com	01/07/2008		Spin-off Feature UID_7
##	1945	31050	Study on Behaviour of Multi system	BMSU	1	Rel-7	S1	28/06/2004	15/12/2005	100%	SP-050502	Qualcomm	com	27/06/2008		-
##	1946	31055	Study on Combining CS calls and IM	IRTSD-CS_IMS	1	Rel-7	S1	28/06/2004	17/03/2005	100%	SP-040467	TeliaSonera	com	27/07/2010		-
##	1947	31059	Study on All-IP Network	FS_AIPN	1	Rel-7	S1	28/06/2004	16/03/2005	100%	SP-040303	NTT DoCoMo	).jp)	31/08/2010		07/08 Moved to Rel-7 a
##	1948	31075	Study on Videotelephony teleservice	VidTel	1	Rel-7	S1	01/03/2005	17/01/2006	100%	SP-050506	T-Mobile	:.at	27/06/2008		-
##	1949	31073	Study on Network Selection Principl	NetSel	1	Rel-7	S1	15/03/2005	08/12/2005	100%	SP-050227	O2	com	27/06/2008		Spin-off Feature Netwo
##	1950	31041	Study on Multimedia Priority Service	PRIOR-MM	1	Rel-7	S1	28/03/2003	30/06/2006	100%	SP-060329	Telcordia	om)	31/08/2010		Spin-off Feature PRIOI
##	1951	31083	Study on Transferring of emergency	eCALL	1	Rel-7	S1	11/07/2005	31/03/2006	100%	SP-050388	Motorola	ım	31/08/2010		-
##	1952	32073	Study on Enhancement of E2E QoS	QoS7	1	Rel-7	S2	28/06/2004	15/09/2005	100%	SP-040326	Huawei	ıksa	30/06/2008		-
##	1953	35066	Study on SOAP/HTTP IRP Solution S	OAM7-NIM-XML	1	Rel-7	S5	02/09/2005	07/12/2006	100%	SP-050610	Nortel	om)	27/07/2010		SP#34 completed
##	1954	35067	Study on Itf-N Implementation Conf	OAM7-NIM-ICS	1	Rel-7	S5	02/09/2005	15/03/2007	100%	SP-050609	China Mobile	om)	29/03/2007		SP#35 completed
##	1955	35068	Study on IRP Information Model	OAM7-NIM-IM	1	Rel-7	S5	02/09/2005	15/03/2007	100%	SP-050611	Motorola	ım	27/07/2010		SP#35 completed
##	1956	7034	Study on Bandwidth Saving at Nb In	BSNbIP	1	Rel-7	C3	10/03/2006	09/03/2007	100%	CP-060438	Siemens	com	27/07/2010		Moved to FS at CT32 (

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ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S o	Notes
##	1957	14019	Study on Routeing of MT-SMS via th	SMS7	1	Rel-7	C4	07/10/2005	01/12/2006	100%	CP-060701	Vodafone	com	30/06/2008		Previously known as "S
##	1958	7025	Study on the TCAPsec Gateway con	SEC7-TCAP	1	Rel-7	C4	28/10/2005	10/03/2006	100%	CP-050687	Siemens	g.de	01/07/2008		TR 29.800 content mov
##	1959	7050	Study on using M2PA in 3GPP netw	FS-M2PA	1	Rel-7	C4	22/03/2006	08/06/2007	100%	CP-060698	China Mobile	com	01/07/2008		-
##	**1960**	**320018**	**Study on Support of (G)MSC-S - (G)**	**NcSIP**	**1**	**Rel-7**	**C4**	**15/05/2006**	**14/09/2007**	**100%**	**CP-070034**	**Vodafone**	**:om**	**01/07/2008**		**-**
##	1963	20023	Study on Evolved UTRA and UTRAN	RANFS-Evo	1	Rel-7	RP	15/12/2004	15/09/2006	100%	RP-040461	NTT DoCoMo	).JP	23/06/2008		RP#33 (Sep 2006) con
##	1964	20034	Study on Performance Evaluation of	RANFS-HSTrains	1	Rel-7	R4	15/03/2005	15/06/2006	100%	RP-050146	Vodafone	com	23/06/2008		RP#32 (Jun 2006) con
##	1965	20041	Study on UTRA Tower Mounted Amp	RANFS-TMA	1	Rel-7	R4	15/06/2005	14/03/2006	100%	RP-050387	Ericsson	com	27/07/2010		RP#31 (Mar 2006) con
##	1966	20044	Study on Continuous connectivity fo	RANFS-cont-packe	1	Rel-7	R1	15/03/2005	14/09/2005	100%	RP-050391	Siemens	com	23/06/2008		RP#29 (Sep 2006) con
##	1967	20051	Study on Improvement of the Multin	RANFS-MBMSImp	1	Rel-7	R2	15/12/2005	15/12/2006	100%	RP-050746	LG Electronic	com	23/06/2008		RP#34 (Dec 2006) con
##	1968	20052	Study on Performance Improvement	SMALLCELLS	1	Rel-7	R4	15/12/2005	15/06/2006	100%	RP-050782	Cingular	rant	23/06/2008		RP#32 (Jun 2006) clos
##	1969	20053	Study on Further Improved Perform	RANFS-IC	1	Rel-7	R4	15/12/2005	04/06/2007	100%	RP-050880	Cingular	rant	23/06/2008		RP#36 (May 2007) cor
##	1970	20065	Study on Scope of future FDD HSPA	RANFS-HSPAEvo	1	Rel-7	RP	15/03/2006	17/09/2007	100%	RP-060217	Cingular	om)	23/06/2008		RP#37 (Sep 2007) con
##	1971	330013	Study on Dynamically reconfiguring	FSUEPow	1	Rel-7	R4	22/06/2007	22/06/2007	100%	RP-060641	Nokia	com	23/06/2008		RP#37 (Sep 2007) con
##	1972	50568	Study on Future GERAN Evolution	FGE	1	Rel-7	GP	08/04/2005	16/02/2007	100%	GP-051052	Nokia	com	08/03/2007		GP#33 completed
##	1973	50120	Study on GAN Enhancements	EGAN	1	Rel-7	GP	31/08/2007	31/08/2007	100%	GP-062298	T-Mobile	com	29/05/2007		GP#35 completed
##	*1974*	*31054*	*Deleted - Study on IMS with real time services deploy*	*IRTSD*	*1*	*Rel-7*	*S1*	*28/06/2004*	*12/09/2005*	*100%*	*SP-040465*	-		*27/06/2008*	0	-
##	*1975*	*31077*	*Deleted - Covered by SI - Personal Network (PN) and*	*PNPAN*	*1*	*Rel-7*	*S1*	*08/12/2005*	*20/12/2005*	*100%*	*SP-050386*	*Vodafone*	*:om*	*22/12/2005*	0	-
##	*1976*	*7011*	*Deleted - Study on Personal Network and Personal A*	*PNPAN*	*1*	*Rel-7*	*S1*	*20/10/2006*	*20/10/2006*	*100%*	-	-		*16/02/2006*	1	*Moved from FS sectior*
##	*1977*	*31078*	*Deleted - Covered by SI - Multimedia Telephony Capa*	*MITE*	*1*	*Rel-7*	*S1*	*08/12/2005*	*20/12/2005*	*100%*	*SP-050387*	*Ericsson*	*:om*	*22/12/2005*	0	-
##	*1978*	*31079*	*Deleted - Covered by SI - Transferring of emergency*	*eCALL*	*1*	*Rel-7*	*S1*	*08/12/2005*	*08/12/2005*	*100%*	*SP-050388*	*Motorola*	*:om*	*22/12/2005*	0	-
##	*1979*	*31080*	*Deleted - Covered by SI - MBMS Enhancements*	*MBMSE*	*1*	*Rel-7*	*S1*	*08/12/2005*	*08/12/2005*	*100%*	*SP-050389*	*China Mobile*	*:om*	*22/12/2005*	0	-
##	*1980*	*31087*	*Deleted - Study on Customised Alerting Tone (CAT) F*	*CAT*	*1*	*Rel-7*	*S1*	*30/06/2006*	*30/06/2006*	*100%*	*SP-050607*	-		*22/03/2006*	1	*Awaiting MCC SA3 inp*
##	*1981*	*320017*	*Deleted - Study on LCS architecture for I-WLAN (cove*	*IMS-SE*	*1*	*Rel-7*	*S2*	*08/12/2006*	*08/12/2006*	*100%*	-	*LG Electronic*	*:om*	*19/09/2006*	3	-
##	*1982*	*732028*	*Deleted - IMS security extensions (covered by UID33*	*IMS-SE*	*1*	*Rel-7*	*S3*	*08/12/2005*	*08/12/2005*	*100%*	*SP-050395*	*Ericsson*	*:om*	*22/12/2005*	0	-
##	*1983*	*32029*	*Deleted - Study on applicability of GALILEO for LCS*	*Galileo*	*1*	*Rel-7*	*S2*	*30/06/2005*	*30/06/2005*	*100%*	*SP-020541*	-		*08/09/2004*	5	-
##	*1986*	*32076*	*Deleted - Study on Stage 2 (IMS services using CS be*	*IRTSD-IMSCS*	*1*	*Rel-7*	*S2*	*28/06/2004*	*12/09/2005*	*100%*	*SP-040479*	*Nortel*	*son*	*26/06/2008*	0	*SP-30: S2 has no inter*
##	*1987*	*32099*	*Deleted - VoIMS bearer related enhancements*	*VoIMS*	*1*	*Rel-7*	*S2*	*21/07/2006*	*21/07/2006*	*100%*	-	-		*25/06/2008*	2	*Created by MCC to gro*
##	*1989*	*32112*	*Deleted - Study on IMS enhancements and optimizati*	*IMS-RT*	*1*	*Rel-7*	*S2*	*10/10/2005*	*01/06/2007*	*100%*	*SP-050492*	*Ericsson*	*:om*	*22/06/2007*	5	*abandoned at 65%*
##	*1990*	*32117*	*Deleted - Study on Terminating Session handling*	*CSIterm*	*1*	*Rel-7*	*S2*	*09/01/2006*	*29/12/2006*	*100%*	*SP-050811*	*Samsung*		*30/06/2008*	2	*SP#32 Jun 2006 Study*
##	*1991*	*34040*	*Deleted - Study on Transferring of emergency call dat*	*eCALLIBMS*	*1*	*Rel-7*	*S4*	*22/06/2007*	*22/06/2007*	*100%*	*SP-060935*	*Airbiquity*	*:om*	*22/06/2007*	3	*SP-38 stopped*
##	*1992*	*35045*	*Deleted - Study on IRP usage scenarios*	*OAM-Study*	*1*	*Rel-7*	*S5*	*02/09/2005*	*07/12/2006*	*100%*	*SP-050303*	*Lucent*	-	*29/03/2007*	2	-
##	*1993*	*360009*	*Deleted - Study on Interference Cancellation for UTRA*	*RANFS-InterfCanc*	*1*	*Rel-7*	*R4*	*28/03/2007*	*28/03/2007*	*100%*	-	-		*10/01/2008*	3	*Deleted. Same as FS c*
##	*1994*	*50552*	*Deleted - Study on enhanced support of Video Teleph*	*VIDGER*	*1*	*Rel-7*	*GP*	*30/06/2006*	*30/06/2006*	*100%*	*GP-042221*	*Ericsson*	*:om*	*09/03/2006*	2	*FS CLOSED at G#28 (*
##	1995	0	Release 6 Features	-	1	Rel-6	NP,GP, F	28/06/2002	30/12/2005	100%	-	-		09/02/2010		-
##	**1996**	**1216**	**Rel-6 Improvements of Radio Interfa**	**RInImp**	**1**	**Rel-6**	**R2,R4,R5**	**14/08/2000**	**01/12/2006**	**100%**	**Work_Items**	-		**08/07/2004**		**-**
##	**2010**	**3**	**Rel-6 RAN Feasibility Studies**	**-**	**1**	**Rel-6**	**RP**	**14/08/2000**	**14/03/2005**	**100%**	**Items_History**	-		**07/12/2003**		**-**
##	**2021**	**20003**	**FDD Enhanced Uplink**	**EDCH**	**1**	**Rel-6**	**R2,R1,R3**	**15/03/2004**	**14/09/2007**	**100%**	**Work_Items**	**Ericsson**	**öm**	**08/07/2004**		**-**
##	**2028**	**9**	**Rel-6 RAN improvements**	**RANimp**	**1**	**Rel-6**	**RP,S5**	**09/09/2002**	**14/03/2005**	**100%**	**Work_Items**	-	**-**	**08/07/2004**		**Generic feature**
##	**2042**	**32023**	**Location Services enhancements 2**	**LCS2**	**1**	**Rel-6**	**S2,S5,N4**	**15/01/2001**	**16/12/2004**	**100%**	**SP-030127**	-	**-**	**08/07/2004**		**-**
##	**2065**	**1571**	**Rel-6 Security enhancements**	**SEC1**	**1**	**Rel-6**	**S3**	**03/01/2001**	**26/11/2004**	**100%**	**SP-000421**	**Vodafone**	**:om**	**08/08/2011**		**SP#9 approved WID**
##	2072	33020	Network Domain Security; MAP appl	MAPSEC	1	Rel-6	S3	06/07/2004	29/12/2004	100%	SP-040280	Vodafone	com	08/08/2011		SP#19 approved WID.
##	**2073**	**32021**	**IMS Phase 2**	**IMS2**	**1**	**Rel-6**	**S1,S2,S3**	**28/08/2000**	**14/09/2007**	**100%**	-	-	**-**	**08/07/2004**		**-**
##	**2108**	**32063**	**3GPP Enablers for services like Pus**	**PoC**	**1**	**Rel-6**	**S2,S4,S5**	**08/09/2003**	**09/06/2005**	**100%**	**SP-030384**	**Ericsson**	**ana**	**08/07/2004**		**-**

ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S o	Notes
##	2113	32062	Study on Interworking aspects and	IPv4IMS	1	Rel-6	S2	08/09/2003	25/06/2004	100%	SP-040327	Siemens	nski	18/11/2009		-
##	2114	11032	Interoperability and Commonality be	IMSCOOP	1	Rel-6	S2	16/09/2002	12/12/2003	100%	-	-		08/07/2004		-
##	2118	1365	Support of Push Services	PUSH	1	Rel-6	S1	03/01/2001	27/02/2004	100%	SP-000669	NTT Comwa	ada	19/01/2005		Changed from FS to
##	2121	42009	Multimedia Messaging (MMS) enhar	MMS6	1	Rel-6	T2,S1,S4	15/08/2002	07/12/2005	100%	TP-030175	Siemens	.DE	06/12/2004		-
##	2130	42005	Rel-6 MExE enhancements	MEXE6	1	Rel-6	T2	08/03/2002	06/06/2003	100%	-	-		21/03/2002		-
##	2133	2062	Subscription Management	SuM	1	Rel-6	S5	20/09/2002	17/03/2005	100%	SP-040763	T-Mobile	le.at	13/01/2006		SP#27 03/2005 comple
##	2134	2499	Presence Capability	PRESNC	1	Rel-6	S1,S2,S3	19/03/2001	07/12/2005	100%	SP-010064	Motorola	ıldo	08/09/2004		merged "Presence Se
##	2142	50056	Enhanced A/Gb feasibility study	AGbEnFS	1	Rel-6	GP	30/08/2002	08/11/2002	100%	GP-022565	Vodafone	).uk	18/11/2009		-
##	2150	50063	Flexible Layer One for GERAN	FLOGER	1	Rel-6	GP,S3	03/01/2000	25/06/2004	100%	GP-021018	Nokia	:om	16/09/2003		-
##	2168	50041	Uplink TDOA feasibility study	TDOAF	1	Rel-6	GP	30/11/2001	28/06/2002	100%	GP-012794	TruePosition	om)	24/04/2003		-
##	2169	2544	Multimedia Broadcast and Multicast	MBMS	1	Rel-6	S1,S2,S3	11/05/2001	07/03/2008	100%	-	-	-	04/02/2009		Title renamed at SP#:
##	2204	31006	Speech Recognition and Speech En	SRSES	1	Rel-6	S1	08/10/2001	30/12/2005	100%	SP-010572	-		08/09/2004		-
##	2210	31008	Generic User Profile Rel-6	GUP	1	Rel-6	S1,S3	08/10/2001	03/03/2005	100%	SP-040515	-	-	28/03/2003		-
##	2216	31010	Digital Rights Management	DRM	1	Rel-6	S1	08/10/2001	28/05/2004	100%	SP-010577	-		11/10/2001		Foreseen start and c
##	2222	31012	WLAN-UMTS Interworking Rel-6	WLAN	1	Rel-6	S1,S2,S3	03/01/2000	22/09/2005	100%	SP-030712	Telenor	:om	12/03/2004		-
##	2233	31015	Priority Service	PRIOR1	1	Rel-6	S1	30/05/2002	26/09/2003	100%	SP-010523	Telcordia	om)	31/08/2010		-
##	2237	31018	Network Sharing	NTShar	1	Rel-6	S1,S2,N1	20/01/2003	10/03/2006	100%	SP-010739	T-Mobile	.uk	10/11/2009		-
##	2244	32016	QoS Improvements	QoS1	1	Rel-6	S2,N3	15/07/2002	08/12/2004	100%	SP-010719	Nokia		24/01/2002		-
##	2248	33002	Subscriber certificates	SEC1-SC	1	Rel-6	S3,S2,N1	25/02/2002	08/12/2004	100%	SP-010622	Nokia	:om	08/08/2011		SP#14 approved WID
##	2254	15010	Rel-6 OSA enhancements	OSA3	1	Rel-6	N5	31/10/2002	10/03/2005	100%	NP-040351	Alcatel	el.fr	13/01/2005		CN#25: Updated WID
##	2265	50401	Addition of frequency bands to GSM	TAPS	1	Rel-6	GP	28/06/2002	28/01/2005	100%	GP-022072	Nokia	sen	09/03/2005		-
##	2270	50130	Seamless support of streaming serv	SSStrea	1	Rel-6	GP,S3	03/01/2000	17/06/2005	100%	GP-022561	Vodafone	nez	14/01/2004		-
##	2285	34300	Performance characterisation of def	CODCAR	1	Rel-6	S4	13/09/2002	10/06/2004	100%	SP-020433	Nokia	com	08/09/2004		-
##	2286	31030	Study on Privacy Capability	PrivCap	1	Rel-6	S1	10/11/2003	03/03/2004	100%	SP-020579	Lucent	om)	31/08/2010		-
##	2287	35010	Rel-6 Operations, Administration, M	OAM	1	Rel-6	S5	12/09/2002	11/03/2005	100%	SP-040766	Motorola	-	13/01/2005		SP#26: Updated WID
##	2295	35016	Rel-6 Charging Management	CH	1	Rel-6	S5	21/11/2002	09/06/2005	100%	SP-040773	T-Mobile	).de	13/01/2006		SP#28 Target 09/2005
##	2313	1800	Rel-6 UICC/USIM enhancements anc	USAT1	1	Rel-6	T3	25/09/2000	10/03/2005	100%	not needed	-		01/12/2000		-
##	2324	34022	Packet Switched Streaming Services	PSSrel6	1	Rel-6	S4,S1	18/11/2002	07/12/2005	100%	SP-020685	Ericsson	:om	13/11/2009		-
##	2327	34023	AMR-WB extension for high audio q	AMRWB+	1	Rel-6	S4	13/12/2002	07/12/2005	100%	SP-030083	Nokia	com	13/01/2006		TR tbc by Sept. 05
##	2328	34027	Codec Enhancements for Packet Sw	CEPSCM	1	Rel-6	S4	16/03/2004	16/12/2004	100%	SP-040066	Nokia	com	06/12/2004		-
##	2329	34028	3G-324M Improvements	3G-324MI	1	Rel-6	S4	16/03/2004	16/12/2004	100%	SP-040067	Ericsson	com	06/12/2004		-
##	2330	51101	Single Antenna Receiver Interferenc	SAIC	1	Rel-6	GP,G1	15/11/2002	25/06/2004	100%	GP-023400	Cingular	rant	18/11/2009		-
##	2331	12006	Enhancement of dialled service for (	EDCAMEL	1	Rel-6	S1,N2,N4	28/03/2003	31/12/2003	100%	SP-020818	Samsung	:om	13/11/2009		-
##	2333	32060	Study on Bandwidth and resource s	BARS	1	Rel-6	S2	01/06/2003	16/06/2004	100%	SP-030308	-		08/07/2004		-
##	2334	50600	Multiple TBF in A/Gb mode	MULTBF	1	Rel-6	GP,G2	05/04/2002	28/01/2005	100%	GP-021263	Ericsson	ı.se	13/01/2006		GP#17 Nov 2003 Mov
##	2340	50096	Alignment between the test-regimes	ALTERE	1	Rel-6	G3new	29/08/2003	02/09/2005	100%	GP-032236	Ericsson	om	13/01/2006		-
##	2342	50444	Addition of U-TDOA in the CS doma	UTDOACS	1	Rel-6	GP	21/11/2003	23/04/2004	100%	GP-032773	TruePosition	om)	12/03/2004		Completed, except for
##	2343	50445	Addition of U-TDOA in the PS domai	UTDOAPS	1	Rel-6	GP	27/06/2003	12/11/2004	100%	GP-032774	TruePosition	om)	06/12/2004		-
##	2344	50101	Downlink Advanced Receiver Perfor	DARP	1	Rel-6	GP	21/11/2003	02/09/2005	100%	GP-041966	Nokia	:om	13/01/2006		-
##	2354	50109	Reduction of PS service interruptior	PSintDTM	1	Rel-6	G2	21/11/2003	24/06/2005	100%	GP-032548	Siemens	).uk	13/01/2006		-
##	2360	12008	CAMEL prepay interworking with SC	SCCAMEL	1	Rel-6	N4,N3,S1	08/12/2003	05/10/2004	100%	NP-030584	Nokia	Com	13/11/2009		-
##	2361	31046	Circuit Switched Video and Voice Se	CS_VSS	1	Rel-6	S2,C1	12/01/2004	02/09/2005	100%	SP-040331	Vodafone	son	08/07/2004		-
##	2368	13024	Reorganisation of CS Data Specifica	CS Data	1	Rel-6	N3	19/11/2004	08/12/2004	100%	NP-040563	Siemens	com	09/03/2005		Created at TSG#27 as

Qtr 1, 2012

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ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S op	Notes
##	2369	50553	Generic Access to A/Gb Interface (G	GAAI	1	Rel-6	GP	25/06/2004	20/01/2006	100%	GP-042247	Motorola		13/01/2006		-
##	2374	50559	Support of PS Handover for GERAN	SPSHAGB	1	Rel-6	GP,G2	03/11/2003	24/08/2005	100%	GP-051160	Ericsson	:om	13/01/2006		Replaces SCSAGB- C
##	2378	33018	Study on (U)SIM Security Reuse by I	-	1	Rel-6	S3	03/07/2003	26/12/2003	100%	SP-030341	Toshiba	om)	09/08/2011		SP#20 approved WID
##	2379	33021	Study on Security for early IMS	SEC-IMS	1	Rel-6	S3	01/10/2004	28/03/2005	100%	SP-040691	Vodafone	:om	09/08/2011		SP#24 approved WID.
##	2380	60111	(Small) Technical Enhancements an	TEI6	1	Rel-6	All	02/06/2006	02/06/2006	100%	-	-		06/05/2008		"Joker" WI, to be used
##	2381	25019	Test - (Small) Technical Enhanceme	TEI6_Test	1	Rel-6	R5,T1	02/06/2006	06/05/2008	100%	5_Work_Items	-		06/05/2008		"Joker" WI, to be used
##	2382	31029	Deleted - Study of Feature Interactions Requirements	FINTER	1	Rel-6	S1	16/09/2004	16/09/2004	100%	SP-020578	-		02/03/2010	5	SP#25 stopped
##	2383	50563	Deleted - Enhancements of VGCS in public networks	EVGCS	1	Rel-6	GP,G2	24/08/2005	02/09/2005	100%	GP-041837	Siemens	).uk	21/04/2005	5	GP#26 moved to Rel-7
##	2384	50500	Deleted - Support of Conversational Services in A/Gb	SCSAGB	1	Rel-6	GP,N1	21/11/2003	19/02/2004	100%	GP-030443	Ericsson	om)	02/03/2010	3	-
##	2391	2	Deleted - Rel-6 Evolutions of the transport in the UTR.	ETRAN	1	Rel-6	RP	31/12/2003	31/12/2003	100%	V_Work_Items	Alcatel	rau	08/07/2004	2	Generic feature
##	2392	0	Release 5 Features	-	1	Rel-5	NP,GP, F	30/03/2001	28/06/2002	100%	-	-		09/02/2010		-
##	2393	625	IP transport in the UTRAN	ETRAN-IPtrans	1	Rel-5	R3	17/07/2000	29/03/2002	100%	RAN Wis	Alcatel	von	12/12/2001		-
##	2394	2455	FS on Usage of SUA	SS7IP	1	Rel-5	N4	12/03/2001	21/12/2001	100%	NP-010460	-		12/12/2001		-
##	2395	2476	High Speed Downlink Packet Acces	HSDPA	1	Rel-5	R2,R5	02/04/2001	09/03/2007	100%	RAN_Wis	Motorola	otla	10/12/2001		-
##	2402	501216	Rel-5 Improvements of Radio Interfa	RInImp	1	Rel-5	RP	14/08/2000	30/08/2002	100%	RAN Wis	-		11/10/2001		-
##	2415	500009	Rel-5 RAN improvements	RANimp	1	Rel-5	RP	16/03/2001	09/03/2007	100%	RAN Wis	-		21/06/2002		-
##	2433	23004	UTRAN Sharing in Connected Mode	NETSHARE	1	Rel-5	R3	03/12/2001	03/09/2002	100%	-	Ericsson	:son	08/11/2002		Formerly 'Shared Netw
##	2434	1273	Provisioning of IP-based multimedia	IMS	1	Rel-5	S1,S2,S3	03/01/2000	01/12/2006	100%	SP-000216	Openwave	ıldo	28/02/2002		-
##	2510	34001	Extended Transparent End-to-End P	PSS-E	1	Rel-5	S4	03/01/2002	17/03/2003	100%	SP-010392	Ericsson	:om	28/02/2002		-
##	2515	501637	Rel-5 OSA enhancements	OSA1	1	Rel-5	S1,S3	27/04/1999	20/12/2002	100%	SP-000216	Siemens	.eu)	25/07/2003		-
##	2544	1638	CAMEL phase 4	CAMEL4	1	Rel-5	S1	17/04/2000	06/09/2002	100%	NP-020486	Nokia	:om	28/02/2002		-
##	2558	2464	Rel-5 MExE enhancements	MEXE5	1	Rel-5	T2	26/03/2001	08/03/2002	100%	-	-		13/03/2001		-
##	2560	1625	Wideband Telephony Service - AMR	AMRWB	1	Rel-5	S4	01/01/2000	19/12/2003	100%	SP-99354	Siemens	;.de	27/03/2003		-
##	2594	1826	Terminal interfaces	TI	1	Rel-5	T2	14/05/2001	20/03/2002	100%	not needed	-		13/03/2001		-
##	2596	1536	Rel-5 Location Services enhanceme	LCS1	1	Rel-5	S2,S1,S3	03/04/2000	27/06/2003	100%	SP-010518	Nokia	Kall	01/04/2000		-
##	2631	501571	Rel-5 Security enhancements	-	1	Rel-5	S3	21/02/2000	28/06/2002	100%	SP-000421	Vodafone	:om	08/08/2011		Added BB UE authen
##	2640	2243	Intra Domain Connection of RAN No	IUFLEX	1	Rel-5	S2,N1,N4	02/10/2000	28/06/2002	100%	SP-000619	Ericsson	:om	24/01/2002		No clear indication o
##	2651	2320	Deleted - GERAN improvements 3 (new transport lay	GEIMP3	1	Rel-5	GP	06/04/2001	20/12/2002	100%	GP-010909	-		12/12/2008		Terminated - not star
##	2655	501142	Rel-5 Charging Management & Oper	OAM	1	Rel-5	S5	10/09/2001	12/09/2002	100%	SP-010461	VoiceStream	-	21/06/2002		-
##	2660	2392	GERAN enhancements for streamin	-	1	Rel-5	GP	06/11/2000	28/06/2002	100%	GP--010429	-		31/07/2002		-
##	2663	2396	GERAN enhancements for streamin	-	1	Rel-5	GP	06/11/2000	28/06/2002	100%	GP-010430	Ericsson	ıller	31/07/2002		AWS, Nokia, Ericsso
##	2669	2412	GERAN/UTRAN interface evolution 1	GERUEV1	1	Rel-5	GP,R3	01/09/2000	28/06/2002	100%	GP-010481	SBC	rant	31/07/2002		SBC, Motorola, Nokia
##	2673	2416	GERAN/UTRAN interface evolution 2	GERUEV2	1	Rel-5	GP,R3	01/09/2000	28/06/2002	100%	GP-010417	-		31/07/2002		-
##	2677	2556	End to End QoS for PS Domain inclu	E2EQoS	1	Rel-5	S2,S5,N3	28/08/2000	28/06/2002	100%	SP-010343	Ericsson	ı.se	25/07/2003		-
##	2681	2569	Messaging enhancements Rel-5	MESS5	1	Rel-5	T2	15/06/2001	31/03/2003	100%	-	-		13/03/2001		support of UAProf, s
##	2690	50001	GERAN Inter BSC NACC improveme	GERNACC	1	Rel-5	GP	03/09/2001	28/06/2002	100%	GP-012313	-		31/07/2002		-
##	2697	50033	Enhanced Power Control	EPC	1	Rel-5	GP	26/11/2001	19/12/2003	100%	GP-012748	-		13/02/2003		-
##	2701	50037	8PSK AMR HR	8PSK-AH	1	Rel-5	GP	10/12/2001	19/12/2003	100%	GP-012752	-		13/01/2003		Completed for Rel-5
##	2713	13000	Service Change and UDI Fallback	SCUDIF	1	Rel-5	N3	08/10/2001	07/06/2002	100%	NP-020164	Ericsson	ı.no	25/07/2003		-
##	2714	501800	Rel-5 USIM toolkit enhancements	USAT1-Interpr	1	Rel-5	T3	05/06/2000	26/09/2003	100%	not needed	G & D	yer	13/01/2003		-
##	2722	30001	(Small) Technical Enhancements an	TEI5	1	Rel-5	All	03/01/2000	03/01/2000	100%	-	-		01/04/2000		"Joker" WI, to be used
##	2723	25018	Test - (Small) Technical Enhanceme	TEI5_Test	1	Rel-5	R5,T1	03/01/2000	31/12/2008	100%	5_Work_Items	-		06/05/2008		"Joker" WI, to be used
##	2724	31013	Technical Report on UE Functionali	UESPLIT	1	Rel-5	S1[99%]	03/01/2000	01/05/2000	100%	SP-010484	Motorola	:om	14/09/2010		-

Qtr 1, 2012

Nov | Jan

ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S o	Notes
##	2725	2520	User Equipment Management	UEM	1	Rel-5	S5	21/06/2001	28/06/2002	100%	SP-010286	Vodafone	.uk	21/06/2002		-
##	2727	50201	Flow control supporting an MS with	FlowCon	1	Rel-5	GP	24/06/2002	30/08/2002	100%	GP-021767	Ericsson	.se	06/05/2008		50101 -> 50201
##	2733	50058	Deleted - Multiple TBF in A/Gb mode - Phase 1	MULTBF	1	Rel-5	GP	19/04/2002	28/11/2003	100%	GP-021263	Ericsson	.se	12/11/2009	7	GP#17 Nov 2003 Move
##	2740	2345	Alignment of 3G functional split and	GER3GAL	1	Rel-5	GP	08/06/2000	19/12/2003	100%	GP-021256	Ericsson	iller	26/09/2002		AWS, Nokia, Ericssor
##	2787	2330	GERAN support for IMS	GERIMS	1	Rel-5	GP	01/05/2000	20/12/2002	100%	GP-010420	Nokia	miti	21/05/2002		AWS, Nokia, Ericssor
##	2800	54001	MS Conformance Testing of Dual Tr	MSCTDTM	1	Rel-5	G4,G5	11/11/2002	07/02/2003	100%	GP-023236	Vodafone	Fox	13/02/2003		Needed to complete D
##	2801	32033	Handling of early UEs	LATE_UE	1	Rel-5	S2	03/01/2000	27/06/2003	100%	SP-030125	-		15/01/2003		-
##	2806	0	Release 4 Features	-	1	Rel-4	NP,GP, F	03/01/2000	30/03/2001	100%	-	-		09/02/2010		-
##	2807	1861	Miscellaneous UE Conformance Tes	MISTST1	1	Rel-4	T1	02/04/2001	01/12/2004	100%	not needed	-		13/01/2003		-
##	2815	1340	Facsimile	FAX	1	Rel-4	S1	22/02/2000	23/06/2000	100%	SP-000169	-		01/04/2000		-
##	2822	1539	Transparent End-to-End PS mobile	PSTREAM	1	Rel-4	S4	03/04/2000	21/03/2001	100%	SP-000345	-		20/03/2001		-
##	2823	1818	Multimedia Messaging	MMS	1	Rel-4	T2,S1	22/02/2000	14/03/2001	100%	TP-000078	Siemens	.DE	14/09/2001		-
##	2830	1541	Transcoder-Free Operation	TrFO	1	Rel-4	N4,S2,N1	03/01/2000	30/03/2001	100%	-	-		25/03/2002		Lead given to CN4 fro
##	2839	2310	GERAN improvements 1 (Gb over IP	GEIMP1	1	Rel-4	GP	09/05/2000	19/03/2001	100%	GP-000433	-		13/02/2001		-
##	2843	2314	GERAN improvements 2 (NACC)	GEIMP2	1	Rel-4	GP	06/11/2000	10/06/2003	100%	GP-012812	-		10/12/2001		-
##	2852	2324	GERAN improvements 4 (Delayed TI	GEIMP4	1	Rel-4	GP	15/01/2001	08/06/2001	100%	GP-010363	-		21/05/2002		-
##	2859	1222	Low Chip Rate TDD option	LCRTDD	1	Rel-4	R1	19/07/2000	02/12/2003	100%	RAN Wis	CWTS	ang	13/01/2003		-
##	2871	1322	Enable bearer independent CS archi	CSSPLIT	1	Rel-4	S2,N3,N4	03/01/2000	01/03/2002	100%	SP-000288	Siemens	nski	06/08/2011		-
##	2881	1445	MExE enhancements Rel-4	MEXE	1	Rel-4	T2,S3	03/01/2000	14/12/2001	100%	TP-030052	-		14/09/2001		-
##	2889	1631	Tandem Free aspects for 3G and be	TFO	1	Rel-4	S4	22/02/2000	15/06/2001	100%	-	-		30/03/2001		RAN and CN to verify
##	2895	2230	Advanced Speech Call Items enhan	ASCI	1	Rel-4	N1	03/12/2000	14/03/2002	100%	NP-000730	Nortel	:om	10/10/2001		Approved at CN#10
##	2898	2403	700 MHz spectrum support	700SS	1	Rel-4	GP	03/01/2000	20/12/2002	100%	GP-000449	-		13/01/2003		-
##	2907	2463	Operator Determined Barring for Pa	ODB	1	Rel-4	NP	01/06/2000	19/03/2001	100%	NP-010089	NEC	om)	20/03/2001		Completed WI missing
##	2908	2546	UMTS QoS Architecture for PS Dom	QoSPS	1	Rel-4	S2,S5,R3	03/01/2000	27/11/2002	100%	SP-010342	Ericsson	.se	24/01/2002		-
##	2927	1993	(Small) Technical Enhancements an	TEI4	1	Rel-4	All	03/01/2000	30/03/2001	100%	-	-		01/04/2000		"Joker" WI, to be used
##	2928	25017	Test - (Small) Technical Enhanceme	TEI4_Test	1	Rel-4	R5,T1	03/01/2000	30/03/2001	100%	5 Work Items	-		06/05/2008		"Joker" WI, to be used
##	2929	400002	Rel-4 Evolutions of the transport in	ETRAN	1	Rel-4	RP	21/08/2000	23/08/2002	100%	RAN Wis	Alcatel	rau	17/11/2000		-
##	2934	400004	Rel-4 Evolutions of the transport in	CNTRSP	1	Rel-4	N4,N1,N2	29/05/2000	23/03/2001	100%	not needed	-		20/03/2001		-
##	2942	401216	Rel-4 Improvements of Radio Interfa	RInImp	1	Rel-4	RP	10/07/2000	14/03/2003	100%	RAN Wis	-		11/10/2001		-
##	2957	400009	Rel-4 RAN improvements	RANimp	1	Rel-4	RP	14/08/2000	17/03/2004	100%	RAN Wis	-		17/11/2000		-
##	2967	401652	Rel-4 Emergency call enhancements	EMC1	1	Rel-4	N1,S1,T1	03/01/2000	28/05/2002	100%	-	Ericsson		30/05/2001		-
##	2974	401826	Rel-4 Terminal interfaces	TI	1	Rel-4	T2	03/01/2000	15/03/2001	100%	not needed	-		13/03/2001		-
##	2980	401536	Rel-4 Location Services enhanceme	LCS1	1	Rel-4	S2	03/04/2000	28/12/2001	100%	SP-010518	Nokia	Kall	01/04/2000		-
##	2993	401560	Rel-4 UICC/(U)SIM enhancements ar	UICC1	1	Rel-4	T3	24/07/2000	23/03/2001	100%	not needed	-		13/01/2003		-
##	2995	401800	Rel-4 (U)SIM toolkit enhancements	USAT1-LocLnk	1	Rel-4	T3	05/06/2000	23/03/2001	100%	not needed	Gemplus	bon	13/01/2003		-
##	2997	401571	Rel-4 Security enhancements	SEC1	1	Rel-4	S3,N4,N1	03/01/2000	15/03/2002	100%	SP-000421	Vodafone	:om	06/08/2011		-
##	3008	401142	Rel-4 Charging and OAM&P	OAM	1	Rel-4	S5	01/12/2000	05/10/2001	100%	SP-010461	VoiceStream	-	24/01/2002		SP#13 approved WID
##	3015	1517	Global Text Telephony	GTT	1	Rel-4	S1,S2,S4	03/01/2000	18/09/2009	100%	SP-010340	Ericsson	r.se	14/10/2009		SP#12 updated WID S
##	3022	0	Release 1999 Features	-	1	R99	NP,SP,TF	01/01/1999	31/12/1999	100%	-	-		09/02/2010		-
##	3023	60150	UMTS Features	-	1	R99	S1,S2,S4	01/01/1999	31/12/1999	100%	-	-		11/08/2009		-
##	3035	60151	UMTS and GSM Features	-	1	R99	S1,S2,SM	01/01/1999	31/12/1999	100%	-	-		21/07/2009		-
##	3090	60152	GSM Features	-	1	R99	S1,S2,SM	01/01/1999	31/12/1999	100%	-	-		21/07/2009		-
##	3114	60153	GSM Features transposed to UMTS	-	1	R99	S1,S3,T2	01/01/1999	31/12/1999	100%	-	-		09/02/2010		-

ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S o	Notes
##	**3122**	**60154**	**Charging**	**CH**	**1**	**R99**	**S1,S5**	**01/01/1999**	**31/12/1999**	**100%**	-	-	-	**09/02/2010**		-
##	**3125**	**60155**	**Operations, Administration, Mainter**	**OAM**	**1**	**R99**	**S5**	**01/01/1999**	**31/12/1999**	**100%**	SP-99581	-	-	**09/02/2010**		-
##	3131	60106	**Vocabulary**	Vocabulary	1	R99	S1	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	3132	60037	**Emergency**	Emergency	1	R99	S1	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	3133	60049	**GSM General Bearer Services (GBS)**	GSM_to_UMTS_E	1	R99	S1	01/01/1999	31/12/1999	100%	-	-		06/07/2009		UMTS shall support G
##	3134	60043	**GPRS_Mobile_IP_interworking**	GPRS_Mobile_IP_	1	R99	N3	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	3135	60046	**GSM/UMTS interworking**	2G3Ginterworking	1	R99	N1,N2,N4	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	3136	60050	**Handover**	Handover	1	R99	S1,SMG2	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	3137	60120	**2G3Ghandover**	2G3Ghandover	1	R99	SMG2	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	3138	60088	**Service Provider Name Indication**	SPANME	1	R99	S1	01/01/1999	31/12/1999	100%	-	-		06/07/2009		Service Provider Name
##	3139	60026	**Data & Data_CleanUp**	Data, Data_Cleanl	1	R99	SMG1	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	3140	60125	**Unstructured Supplementary Servic**	USSD	1	R99	SMG1,N4	01/01/1999	31/12/1999	100%	-	-		07/07/2009		No additional features
##	3141	60126	**Man-Machine Interface (MMI) of the**	MMI	1	R99	S1	01/01/1999	31/12/1999	100%	-	-		07/07/2009		Data services streamli
##	3142	60127	**Network Identity and Timezone (NIT.**	NITZ	1	R99	SMG1,SM	01/01/1999	31/12/1999	100%	-	-		07/07/2009		-
##	3143	60128	**Operator Determined Barring for Pa**	ODB_Enh.	1	R99	S1	01/01/1999	31/12/1999	100%	-	-		07/07/2009		Remove ODB for Pack
##	3144	60068	**Packet Flow Management**	Packet_Flow_Man	1	R99	SMG2	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	3145	60044	**GPRS_Point-To-Multipoint Group ca**	GPRS_PTMG	1	R99	SMG1	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	**3146**	**60156**	**Call Forwarding**	**-**	**1**	**R99**	**SMG1,N2**	**01/01/1999**	**31/12/1999**	**100%**	-	-		**09/02/2010**		-
##	**3150**	**60157**	**Quality of Service**	**-**	**1**	**R99**	**S2,T2,N1**	**01/01/1999**	**31/12/1999**	**100%**	-	-		**09/02/2010**		**WID SMG 98-0781 En**
##	3155	60129	**Support of Localised Service Area**	SoLSA	1	R99	SMG2,SM	01/01/1999	31/12/1999	100%	-	-		06/07/2009		Mechanism which can
##	3156	60100	**Transcoder_location**	Transcoder_locatic	1	R99	S2	01/01/1999	31/12/1999	100%	-	-		06/07/2009		UE location identificatic
##	3157	60113	**Antenna_test_methods**	Antenna_test_metl	1	R99	SMG2	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	3158	60107	**WBAMR / high quality speech in UM**	WBAMR	1	R99	S1	01/01/1999	31/12/1999	100%	-	-		06/07/2009		Add requirement for hi
##	**3159**	**60138**	**Codec**	**-**	**1**	**R99**	**S4**	**01/01/1999**	**31/12/1999**	**100%**	-	-		**11/08/2009**		-
##	3166	60143	**Advanced Speech Call Items enhanc**	ASCI	1	R99	SMG1,SM	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	3167	60009	**Call Control improvements**	CC_Related_items	1	R99	N1	01/01/1999	31/12/1999	100%	-	-		23/07/2009		Minor improvements to
##	3168	60059	**Multimedia**	Multimedia	1	R99	N1,N3	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	3169	60089	**Sub-System Number allocation for F**	SSN_allocation	1	R99	N2	01/01/1999	31/12/1999	100%	-	-		06/07/2009		Sub-System Number a
##	3170	60053	**Intranet / ISP access with DHCP end**	ISPaccess	1	R99	N3	01/01/1999	31/12/1999	100%	-	-		06/07/2009		Access to an Intranet/I
##	3171	60072	**Point_to_Multipoint_Services**	Point_to_Multipoint	1	R99	N3	01/01/1999	31/12/1999	100%	-	-		06/07/2009		Support for the IP-Mult
##	3172	60146	**Facsimile**	FAX	1	R99	S1	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	3173	60081	**Realtime_NT_FAX_in_UMTS**	Realtime_NT_FAX	1	R99	N3	01/01/1999	31/12/1999	100%	-	-		06/07/2009		Asynchronous Interfac
##	3174	60042	**Gateway Location Register (GLR) - I**	GLR	1	R99	N4	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	3175	60056	**Multiple Subscriber Profile phase 2**	MSP2	1	R99	S1,N4	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	3176	60074	**Prepaging**	Prepaging	1	R99	N2,N4	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	3177	60148	**Downlink Advanced Receiver Perfor**	-	1	R99	SMG	01/01/1999	31/12/1999	100%	-	-		06/07/2009		Re-definition of channe
##	3178	60051	**Harmonized Standard**	HS	1	R99	SMG2	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	3179	60090	**Streamlining of specifications**	Streamlining	1	R99	N3	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	3180	60079	**R99_Service_Clean_up**	R99_Service_Clea	1	R99	N3	01/01/1999	31/12/1999	100%	-	-		06/07/2009		-
##	**3181**	**60094**	**(Small) Technical Enhancements an**	**TEI**	**1**	**R99**	**N3**	**01/01/1999**	**31/12/1999**	**100%**	-	-		**06/07/2009**		-
##	**3184**	**25016**	**R99 UE Conformance Testing**	**TEI_Test**	**1**	**R99**	**R5,T1**	**01/01/1999**	**31/12/1999**	**100%**	-	-		**06/07/2009**		**Specifies Conforman**
##	*3192*	*60028*	*Deleted - Dual Tone Multi-Frequency signalling : Supp*	*DTMF*	1	*R99*	*N1*	*01/01/1999*	*31/12/1999*	*100%*	-	-		*09/02/2010*	5	*No CR or new TS/TR a*
##	*3193*	*60052*	*Deleted - Intersystem_Change*	*Intersystem_Chan*	1	*R99*	*SMG*	*01/01/1999*	*31/12/1999*	*100%*	-	-		*09/02/2010*	5	*No CR or new TS/TR a*

Qtr 1, 2012

Nov | Jan

ID	ID	Unique_ID	Name	Acronym	utlin .eve	Release	Resource Names	Start	Finish	% Complete	Hyperlink	WI rapporteur name	WI port -ma	last modif	S o	Notes
##	*3194*	*60054*	*Deleted - Long_Forwardedto_Numbers*	*Long_Forwardedto*	*1*	*R99*	*N2*	*01/01/1999*	*31/12/1999*	*100%*	-	-		*06/07/2009*	5	-
##	*3195*	*60080*	*Deleted - RANimp-FSEarlyUE*	*RANimp-FSEarlyU*	1	*R99*	*R3*	*01/01/1999*	*31/12/1999*	*100%*	-	-		*09/02/2010*	5	*No CR or new TS/TR a*
##	3196	0	**Release 1999 Studies**	-	1	R99	S1,T2	01/01/1999	31/12/1999	100%	-	-		14/06/2010		-
##	3197	60061	**Advanced Addressing/Numbering**	Numbering	1	R99	S1	01/01/1999	31/12/1999	100%	-	Vodafone	m	31/08/2010		Study on requirements
##	3198	60161	**Combined GSM and Mobile IP mobil**	-	1	R99	S2	01/01/1999	31/12/1999	100%	SMG 98/0760	-		09/02/2010		-
##	3199	60101	**UE Capabilities Requirements**	UCR	1	R99	T2	01/01/1999	31/12/1999	100%	TP-000022	-		06/07/2009		Moved to CT1 at TSG-
##	3200	60158	**Electrical safety requirements and r**	-	1	R99	T2	01/01/1999	31/12/1999	100%	TP-000022	-		06/07/2009		Moved to RAN4 at TSC
##	3201	60159	**Specific Absorbtion Rate (SAR) requ**	-	1	R99	T2	01/01/1999	31/12/1999	100%	TP-000022	-		06/07/2009		Moved to RAN4 at TSC
##	3202	60160	**Multi-mode UE issues**	-	1	R99	T2	01/01/1999	31/12/1999	100%	TP-000022	-		06/07/2009		Moved to CT1 at TSG-
##	3203	60162	**Provision of fax service in GSM and**	-	1	R99	T2	01/01/1999	31/12/1999	100%	-	Ericsson	com	09/02/2010		CP#27: Moved to C1 o
##	3204	60163	**Separating Radio Resources and Mo**	-	1	R99	T2	03/01/2000	03/01/2000	100%	-	-		09/02/2010		CP#27: change of WG

Project: 3GPP_Release-2000
Date: 14/12/2011

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			