ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
1	0	**Version 2008 Dec 10**			No		03/01/2000	12/03/2010	0%						NA		
2																	
3	0	"CTRL + a" to display all the 3GPP fields			No		03/01/2000	03/01/2000	0%						NA		
4	0				No		03/01/2000	03/01/2000	0%						NA		
5	0	***Gantt: dark blue=done; light blue=to be done;***			No		03/01/2000	03/01/2000	0%						NA		
6	0				No		03/01/2000	03/01/2000	0%						NA		
7	0	**Release 10 Features**	Rel-10	SP,RP,SP	No		01/01/2000	01/01/2000	0%						NA		
8	**380062**	**Network Selection for non-3GPP Access**	**Rel-10**	**S1,C6**	**No**	**N3GtoNSP**	**06/12/2007**	**11/12/2008**	**0%**		**SP-070874**	**Telefonica O2**	**.com**	**Alain**	**05/12/2008**	**SA#42 moved to Rel-10. Tri**	
9	380162	**Stage 1 for N3GtoNSP**	Rel-10	S1	No	N3GtoNSP	06/12/2007	11/12/2008	0%	22.011	SP-070874	Telefonica O2	?.com	Alain	05/12/2008	SA#42 moved to Rel-10	
10	380262	**CT6 issues for N3GtoNSP**	Rel-10	C6	No	N3GtoNSP	06/12/2007	11/12/2008	0%	22.234, 21	SP-070874	Telefonica O2	?.com	Alain	05/12/2008	SA#42 moved to Rel-10	
11	**410030**	**Network Improvements for Machine-type Comr**	**Rel-10**	**S1**	**No**	**NIMTC**	**18/09/2008**	**18/06/2009**	**25%**		**SP-080649**	**KPN**	**io.nl)**	**Alain**	**05/12/2008**	**SA#42 moved to Rel-10**	
12	410031	**Stage 1 for NIMTC**	Rel-10	S1	No	NIMTC	18/09/2008	18/06/2009	25%	22.368	SP-080649	KPN	no.nl)	Alain	05/12/2008	SA#42 moved to Rel-10	
13	0	**Release 9 Features**	Rel-9	SP,RP,SP	No		01/01/2000	01/01/2000	0%						NA		
14	**330017**	**Services Alignment and Migration**	**Rel-9**	**S1**	**No**	**ServAl**	**06/12/2006**	**18/09/2008**	**100%**		**SP-070126**	**China Mobile**	**.com**	**Alain**	**05/12/2008**	**SA#41 Stage 1 completed.**	
15	410001	**Stage 1 for ServAl**	Rel-9	S1	No	ServAl	06/12/2006	18/09/2008	100%	22.182	SP-070126	China Mobile	.com	Alain	02/09/2008	SA#41 completed	
16	**350014**	**Registration in Densely-populated area (RED)**	**Rel-9**	**S1,S2**	**No**	**RED**	**12/03/2007**	**15/06/2009**	**50%**	**WID identi**	**SP-070133**	**NTT DoCoMo**	**co.jp**	**Alain**	**03/06/2008**	**SA#35 Stage 1 completed.**	
17	370030	**Stage 1 for RED**	Rel-9	S1	No	RED	12/03/2007	15/03/2007	100%	22.101 CR	SP-070133	NTT DoCoMo	.co.jp	Alain	03/06/2008	SA#35 completed	
18	370031	**Stage 2 for RED**	Rel-9	S2	No	RED	25/09/2007	15/06/2009	50%	23.880, 23	SP-070694	NTT DoCoMo	.co.jp	laurice	22/11/2008	SA#42 Target completion 09/	
19	**380067**	**Customized Ringing Signal**	**Rel-9**	**S1**	**No**	**CRS**	**06/12/2007**	**11/12/2008**	**100%**		**SP-080502**	**, China Mobile**	**obile)**	**Alain**	**05/12/2008**	**SA#42 Stage 1 completed (**	
20	410025	**Stage 1 for CRS**	Rel-9	S1	No	CRS	06/12/2007	11/12/2008	100%	22.183, 22	SP-080502	m, China Mobile	obile)	Alain	05/12/2008	SA#42 completed.	
21	**380057**	**Public Warning System**	**Rel-9**	**S1**	**No**	**PWS**	**06/12/2007**	**11/12/2008**	**100%**		**SP-070876**	**T-Mobile**	**.com**	**Alain**	**05/12/2008**	**SA#42 Stage 1 completed.**	
22	380058	**Stage 1 for PWS**	Rel-9	S1	No	PWS	06/12/2007	11/12/2008	100%	22.268	SP-070876	T-Mobile	.com	Alain	05/12/2008	SA#42 completed.	
23	**390073**	**Enhancements to Multimedia Priority Service**	**Rel-9**	**S1**	**No**	**ePRIOR**	**13/03/2006**	**05/06/2008**	**100%**		**SP-080051**	**Telcordia**	**.com**	**Alain**	**09/09/2008**	**SA#40 Stage 1 completed.**	
24	390074	**Stage 1 for ePRIOR**	Rel-9	S1	No	ePRIOR	13/03/2006	05/06/2008	100%	22.153, 22	SP-080051	Telcordia	.com	Alain	05/06/2008	SA#39 WID approved. SA#4	
25	**400031**	**Support of Personal Area Networks and Enhan**	**Rel-9**	**S1**	**No**	**PANEPN**	**05/06/2008**	**05/06/2008**	**100%**		**SP-080430**	**Vodafone**	**.com**	**Alain**	**05/12/2008**	**SA#40 WID approved & Sta**	
26	400043	**Stage 1 for PANEPN**	Rel-9	S1	No	PANEPN	05/06/2008	05/06/2008	100%	22.259	SP-080430	Vodafone	.com	Alain	05/12/2008	SA#40 Stage 1 completed	
27	**400032**	**Multi-Media Telephony Service enhancements**	**Rel-9**	**S1**	**No**	**eMMTel**	**05/06/2008**	**11/12/2008**	**100%**		**SP-080503**	**rance Telecom**	**.ottin**	**Alain**	**05/12/2008**	**SA#42 Stage 1 completed.**	
28	400044	**Stage 1 for eMMTel**	Rel-9	S1	No	eMMTel	05/06/2008	11/12/2008	100%	22.173	SP-080503	France Telecom	Lottin	Alain	05/12/2008	SA#42 completed. SA#41 WI	
29	**400034**	**User Data Convergence**	**Rel-9**	**S1**	**No**	**UDC**	**05/06/2008**	**12/03/2009**	**100%**		**SP-080448**	**China Mobile**	**.com**	**Alain**	**05/12/2008**	**SA#42 Stage 1 completed.**	
30	400046	**Stage 1 for UDC**	Rel-9	S1	No	UDC	05/06/2008	12/03/2009	100%	22.985, 22	SP-080448	China Mobile	.com	Alain	05/12/2008	SA#42 completed	
31	**410027**	**Protection against Unsolicited Communication**	**Rel-9**	**S1,S3**	**No**	**PUCI**	**18/09/2008**	**18/06/2009**	**28%**		**SP-080482**	**NEC**	**asad**	**Alain**	**05/12/2008**	**SA#42 Stage 1 completed.**	
32	410028	**Stage 1 for PUCI**	Rel-9	S1	No	PUCI	18/09/2008	11/12/2008	100%	22.228	SP-080482	NEC	.com)	Alain	05/12/2008	SA#42 completed	
33	410029	**SA3 work on PUCI**	Rel-9	S3	No	PUCI	18/09/2008	18/06/2009	5%	33.8xx (St	SP-080482	NEC	.com)	ionisio	02/12/2008		
34	**410032**	**IMS Services Centralization and Continuity**	**Rel-9**	**S1,S2**	**No**	**IMSSCC**	**18/09/2008**	**18/06/2009**	**35%**		**SP-080633**	**NEC**	**b.eu)**	**Alain**	**05/12/2008**	**SA#42 Stage 1 completed.**	
35	410033	**Inter-Device Transfer – Requirements**	Rel-9	S1	No	IMSSCC-IDT	18/09/2008	11/12/2008	100%	22.101, 22	SP-080507	NEC	b.eu)	Alain	05/12/2008	SA#42 completed	
36	410034	**IMS Service Continuity Enhancements: Service, F**	Rel-9	S2	No	IMSSCC-SPI	18/09/2008	18/06/2009	20%	23.838, 23	SP-080561	Huawei	.com)	laurice	22/11/2008		
37	410035	**IMS Centralized Services**	Rel-9	S2	No	IMSSCC-ICS	18/09/2008	18/06/2009	30%	23.8xy (St	SP-080634	Alcatel-Lucent	.com)	laurice	22/11/2008		
38	**420016**	**Enhancements of IMS Customized Alerting Tor**	**Rel-9**	**S1,C1**	**No**	**eCAT**	**05/12/2008**	**04/12/2009**	**0%**		**t applicable**			**Alain**	**NA**	**CT#42 umbrella Feature cre**	
39	420017	**Stage 3 Enhancements of IMS CAT Supplemental**	Rel-9	C1	No	eCAT-SS	05/12/2008	04/12/2009	0%	24.182	CP-080796	China Mobile	ng Yi	rederic	NA	Enhance IMS CAT Suppleme	
40	**420020**	**Service Specific Access Control in EPS**	**Rel-9**	**S1**	**No**	**SSAC**	**11/12/2008**	**11/12/2008**	**100%**		**SP-080882**	**NTT DoCoMo**	**com)**	**Alain**	**NA**	**SA#42 Stage 1 completed (**	
41	420021	**Stage 1 for SSAC**	Rel-9	S1	No	SSAC	11/12/2008	11/12/2008	100%	22.011 CR	SP-080882	NTT DoCoMo	.com)	Alain	NA	SA#42 completed	
42	**380064**	**Support for IMS Emergency Calls over GPRS a**	**Rel-9**	**S2,S1,RP**	**No**	**IMS_EMER_G**	**14/01/2008**	**11/12/2009**	**40%**		**SP-080844**	**Alcatel-Lucent**	**rclay**	**aurice**	**17/09/2008**	**SA#42 Stage 1 completed.**	
43	410036	**Stage 1 of IMS_EMER_GPRS_EPS**	Rel-9	S1	No	IMS_EMER_G	14/01/2008	11/12/2008	100%	22.101	SP-080844	Alcatel-Lucent	arclay	Alain	09/12/2008	SA#42 completed	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
44	410037	Stage 2 of IMS_EMER_GPRS_EPS	Rel-9	S2	No	IMS_EMER_G	14/01/2008	15/06/2009	75%	23.869, 23	SP-080844	Alcatel-Lucent	arclay	laurice	09/12/2008	SA#42 completion target 09/0	
45	420022	Security aspects of IMS_EMER_GPRS_EPS	Rel-9	S3	No	IMS_EMER_G	11/12/2008	11/12/2009	0%	33.401, 33	SP-080844	Alcatel-Lucent	arclay	ionisio	NA	SA#42 WID updated SP-080	
46	410038	SRVCC support for IMS Emergency Calls	Rel-9	S2	No	IMS_EMER_G	18/09/2008	15/09/2009	15%	23.8bc (Sc	SP-080562	China Mobile	.com)	laurice	24/11/2008	SA#42 completion target 06/0	
47	420006	Positioning Support for LTE	Rel-9	R2,R4	No	IMS_EMER_E	05/12/2008	11/12/2009	0%	36.300, 36	RP-080995	Qualcomm	enny	Joern	NA	UID_400038 (LCS Control Pl	
48	**400038**	**LCS Control Plane Solution for EPS**	**Rel-9**	**S2**	**No**	**LCS_CPS_EP**	**05/06/2008**	**11/06/2009**	**25%**		**SP-080445**	**olaris Wireless**	**ross**	**aurice**	**22/11/2008**	**Triggered by abandoned St**	
49	400048	Stage 2 for LCS_CPS_EPS	Rel-9	S2	No	LCS_CPS_EP	05/06/2008	11/06/2009	25%	23.891, 23	SP-080445	Polaris Wireless	Gross	laurice	09/09/2008		
50	380071	Harmonization of Gq'/Rx for Common IMS	Rel-9	S2	No	IMS_Comm_G	14/01/2008	15/12/2009	25%	23.822, 23	SP-070822	Alcatel-Lucent	nt.be	laurice	22/11/2008	SA#42 Target completion 09/	
51	**400039**	**MBMS support in EPS**	**Rel-9**	**S2,S3**	**No**	**MBMS_EPS**	**05/06/2008**	**11/06/2009**	**0%**		**SP-080737**	**China Mobile**	**com)**	**aurice**	**04/06/2008**	**SA#42 WID updated SP-080**	
52	400040	Stage 2 for MBMS_EPS	Rel-9	S2	No	MBMS_EPS	05/06/2008	11/06/2009	0%	23.246	SP-080737	China Mobile	.com)	laurice	04/06/2008	SA#42 WID updated SP-080	
53	420023	Security for MBMS_EPS	Rel-9	S3	No	MBMS_EPS	11/12/2008	11/06/2009	0%	33.246	SP-080737	China Mobile	.com)	ionisio	NA	SA#42 WID updated SP-080	
54	**420000**	**Access Network Discovery and Selection Enha**	**Rel-9**	**S2,S1,S3**	**No**	**eANDSF**	**11/12/2008**	**19/06/2009**	**0%**		**SP-080883**	**Motorola**	**com)**	**aurice**	**NA**	**No new Rel-9 use cases de**	
55	420024	Stage 2 for eANDSF	Rel-9	S2	No	eANDSF	11/12/2008	19/06/2009	0%	23.402, 23	SP-080883	Motorola	.com)	laurice	NA		
56	**420025**	**GTP-based S8 chaining**	**Rel-9**	**S2,S1**	**No**	**GTPchaining**	**11/12/2008**	**19/06/2009**	**0%**		**SP-080883**	**Huawei**	**com)**	**aurice**	**NA**	**Stage 1 in UID_320022 Rel-**	
57	420026	Stage 2 for GTPchaining	Rel-9	S2	No	GTPchaining	11/12/2008	19/06/2009	0%	23.402 (Ch	SP-080883	Huawei	.com)	laurice	NA		
58	33025	Access Security Enhancements	Rel-9	S3	No	ACCSEC2	02/07/2007	11/06/2009	60%	33.102, 43	SP-040865	Ericsson	.com	ionisio	02/12/2008	SA#42 moved to Rel-9. SA#2	
59	**420027**	**Timed Graphics**	**Rel-9**	**S4**	**No**	**TG**	**11/12/2008**	**11/12/2009**	**0%**		**SP-080683**	**Ericsson**	**.com**	**Paolo**	**NA**	**Provide graphics in parallel**	
60	420028	SA4 part of Timed Graphics	Rel-9	S4	No	TG	11/12/2008	11/12/2009	0%		SP-080683	Ericsson	.com	Paolo	NA	26.xyz (Timed Graphics), 26.	
61	**420029**	**OAM&P 9**	**Rel-9**	**S5**	**No**	**OAM9**	**03/01/2000**	**11/09/2009**	**0%**		**ot applicable**			**onisio**	**NA**	**SA#42 umbrella Feature cre**	
62	**420030**	**Network Infrastructure Management**	**Rel-9**	**S5**	**No**	**OAM9-NIM**	**11/12/2008**	**11/09/2009**	**0%**		**ot applicable**			**onisio**	**01/12/2008**	**SA#42 umbrella BB created**	
63	420031	Management of software entities residing in Network Elemer	Rel-9	S5	No	OAM9-NE_SW	11/12/2008	11/09/2009	0%	32.531, 32	SP-080756	emens Networks	.com)	ionisio	NA		
64	420032	Performance Management	Rel-9	S5	No	OAM9-PM	03/01/2000	03/01/2000	0%		not applicable			ionisio	01/12/2008	SA#42 umbrella BB created t	
65	420033	Trace	Rel-9	S5	No	OAM9-Trace	03/01/2000	03/01/2000	0%		not applicable			ionisio	01/12/2008	SA#42 umbrella BB created t	
66	380086	Definition of 3GPP UICC services over the new	Rel-9	C6	No	UICCHS	10/12/2007	11/12/2009	15%	31.XYZ	CP-070837	Gemalto	.com	Xavier	24/11/2008	CT#42 moved to Rel-9	
67	**400035**	**Enhanced Home NodeB / eNodeB**	**Rel-9**	**S3,S5,RP**	**No**	**EHNB**	**05/06/2008**	**15/12/2009**	**12%**		**SP-080791**	**T-Mobile**	**Kurz**	**Alain**	**24/11/2008**	**SA#42 SA1 Rel-9 extension**	
68	400047	Stage 1 for EHNB	Rel-9	S1	No	EHNB	05/06/2008	11/12/2008	70%	22.220, 22	SP-080791	T-Mobile	Kurz	Alain	05/12/2008	SA#42 Rel-9 extension to 03/	
69	410026	Architecture aspects of EHNB	Rel-9	S2	No	EHNB	18/09/2008	15/12/2009	5%	23.8xy (Ar	SP-080636	T-Mobile	icher	laurice	22/11/2008	SA#42 completion target 06/0	
70	420034	IMS aspects of Architecture for Home NodeB	Rel-9	S2	No	EHNB-IMS	11/12/2008	11/09/2009	0%	TR 23.xyz	SP-080799	Alcatel-Lucent	evon	laurice	NA		
71	420035	Security aspects of EHNB	Rel-9	S3	No	EHNB-Sec	11/12/2008	10/12/2009	0%	33.xyz (Se	SP-080879	Huawei	.com)	ionisio	NA		
72	**420007**	**LTE enhancements**	**Rel-9**	**P,SP,CP**	**No**	**eLTE**	**05/12/2008**	**10/12/2009**	**0%**		**ot applicable**				**NA**		
73	420008	LTE FDD Home eNodeB RF Requirements	Rel-9	R4	No	eLTE_HeNB-R	05/12/2008	10/12/2009	0%	36.104, 36	RP-081080	Motorola	g Cai	tefania	NA		
74	420036	3G Home NodeB Gateway OAM	Rel-9	S5	No	eLTE_HNB-O	11/12/2008	10/12/2009	0%	32.xx1, 32	SP-080794	China Mobile	.com)	ionisio	NA		
75	**410023**	**Rel-9 Improvements of the Radio Interface**	**Rel-9**	**RP,GP**	**No**	**RInImp9**	**12/09/2008**	**12/03/2010**	**6%**		**ot applicable**			**ergen**	**16/09/2008**	**RP#41 umbrella Feature cre**	
76	410017	LCR TDD UE OTA Performance Requirements	Rel-9	R4	No	RInImp9-RFLC	12/09/2008	13/03/2009	5%	25.8xy (LC	RP-080744	RITT	l.com		04/12/2008	SR in RP-081086	
77	410018	UMTS 1880 MHz TDD	Rel-9	R4	No	RInImp9-UMTS	12/09/2008	11/06/2009	20%	25.102, 25	RP-080757	CATT	le.cn)		27/11/2008	SR in RP-080801	
78	**410019**	**RF requirements for Multicarrier and Multi-RAT B**	**Rel-9**	**R4,G1**	**No**	**RInImp9-RFm**	**12/09/2008**	**12/03/2010**	**3%**		**RP-081098**	**Ericsson**	**köld**	**efania**	**16/09/2008**	**SR in RP-080802. RP#42 WI**	
79	420009	RAN4 part of RF requirements for Multicarrier and Multi RA	Rel-9	R4	No	RInImp9-RFmu	12/09/2008	12/03/2010	5%	25.104, 25	RP-081098	Ericsson	Sköld	tefania	02/12/2008	SR in RP-080802. RP#42 WI	
80	420001	GERAN part of RF requirements for Multicarrier and Multi R	Rel-9	G1	No	RInImp9-Rfmu	21/11/2008	20/11/2009	0%	45.005, 51	GP-081945	Ericsson	lsson	Paolo	02/12/2008	GP#40 WID approved	
81	420010	Extended UMTS/LTE 800	Rel-9	R4	No	RInImp9-UMTS	05/12/2008	15/05/2009	0%	25.101, 25	RP-080884	NTT DoCoMo	Suwa	tefania	NA		
82	**420011**	**Self-Organizing Networks (SON)**	**Rel-9**	**R3,S5**	**No**	**SON**	**22/02/2008**	**11/12/2009**	**40%**					**onisio**	**NA**	**Umbrella Feature for SON V**	
84	**420002**	**Voice services over Adaptive Multi-user chann**	**Rel-9**	**GP**	**No**	**VAMOS**	**21/11/2008**	**20/11/2009**	**0%**		**GP-081949**	**s, China Mobile**	**.com**	**Paolo**	**NA**	**GP#40 WID approved**	
85	420003	VAMOS Stage 2	Rel-9	GP	No	VAMOS	21/11/2008	15/05/2009	0%	45.001 (O	GP-081964	s, China Mobile	.com	Paolo	NA	GP#40 WID approved	
86	420004	VAMOS Stage 3	Rel-9	GP	No	VAMOS	21/11/2008	25/09/2009	0%	24.008, 44	GP-081965	s, China Mobile	.com	Paolo	NA	GP#40 WID approved	
87	420005	VAMOS Radio Performance Requirements	Rel-9	GP	No	VAMOS	21/11/2008	20/11/2009	0%	45.005 (Te	GP-081966	s, China Mobile	.com	Paolo	NA	GP#40 WID approved	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
88	420099	**(Small) Technical Enhancements and Improver**	Rel-8	All	No	TEI9	12/09/2008	12/03/2010	0%		not applicable	ALL			27/10/2008		
89	*370027*	*Deleted - End-User Identity*	*Rel-9*	*S1*	No	*EUI*	*03/09/2007*	*11/12/2008*	*100%*		*SP-070651*	*mens Networks*	*.com*	Alain	*05/12/2008*	*SA#42 stopped (Reason: lack*	*SP-42*
90	*410024*	*Deleted - Stage 1 for EUI*	*Rel-9*	*S1*	No	*EUI*	*03/09/2007*	*11/12/2008*	*100%*	*21.905*	*SP-070651*	*mens Networks*	*.com*	Alain	*05/12/2008*	*SA#42 stopped (Reason: lack*	*SP-42*
91	*390040*	*Deleted - SAES Enhancements (non RAN aspects)*	*Rel-9*	*S2*	No	*SAES_Ph2*	*25/06/2007*	*08/12/2008*	*100%*			*mens Networks*		*laurice*	*28/04/2008*	*SA#39 created to host Rel-9 I*	*SP-39*
92	*350028*	*Deleted - Functions and procedures for SAE to support LTE MBM*	*Rel-9*	*S2*	No	*SAES_Ph2*	*25/06/2007*	*08/12/2008*	*100%*					*laurice*	*28/04/2008*	*SA#39 SAE functionality mov*	*SP-39*
93	*390041*	*Deleted - CS over EPS*	*Rel-9*	*S2*	No	*SAES_Ph2*	*12/03/2008*	*08/12/2008*	*100%*					*laurice*	*28/04/2008*	*SA#39 SAE functionality mov*	*SP-39*
94	*390042*	*Deleted - SAE for generic support for non-3GPP accesses*	*Rel-9*	*S2*	**No**	*SAES_Ph2*	*25/06/2007*	*09/06/2008*	*100%*					*laurice*	*28/04/2008*	*SA#39 SAE functionality mov*	*SP-39*
95	*390043*	*Deleted - Single Radio Aspects of SAE for Optimized Hando*	*Rel-9*	*S2*	No	*SAES_Ph2*	*25/06/2007*	*09/06/2008*	*100%*					*laurice*	*28/04/2008*	*SA#39 SAE functionality mov*	*SP-39*
96	*380081*	*Deleted - Support of WiMAX - LTE Mobility*	*Rel-9*	*R2*	No	*WiMAX_LTE_I*	*06/06/2008*	*25/12/2009*	*100%*	*36.306, 36*	*RP-070511*	*Samsung*		*Joern*	*19/03/2008*	*RP#39: No agreed WID*	*SP-39*
97	*380082*	*Deleted - Support of WiMAX - UMTS Mobility*	*Rel-9*	*R2*	No	*WiMAX_UMTS*	*06/06/2008*	*25/12/2009*	*100%*	*25.306, 25*	*RP-070511*	*Intel*		*Joern*	*19/03/2008*	*RP#39: No agreed WID*	*SP-39*
98	0	**Release 9 Feasibility Studies**	Rel-9	SP,RP,SP	No		20/03/2008	20/03/2008	0%						NA		
99	**370045**	**Study on enhanced voice service requirements**	**Rel-9**	**S1,S4**	**No**	**FS_EV_EPS**	**03/09/2007**	**04/06/2009**	**51%**		**SP-070698**	**Orange**	**.com**	**Alain**	**05/12/2008**	**SA#42 SA1 part completed**	
100	370047	**Use cases definition and service and system requ**	Rel-9	S1	No	FS_EV_EPS-S	03/09/2007	11/12/2008	100%	22.813	SP-070698	Orange	.com	Alain	24/11/2008	SA#42 completed	
101	370048	**Codec specific part of FSEV_EPS**	Rel-9	S4	No	FS_EV_EPS-S	03/09/2007	04/06/2009	15%		SP-070698	Orange	.com	Paolo	21/11/2008		
102	380083	**Study on advanced requirements for IP interco**	Rel-9	S1	No	FS_IPXS	04/12/2007	12/03/2009	8%	22.893	SP-070878	Telefonica O2	.com	Alain	11/09/2008		
103	400036	**Study on Service Specific Access Control in EP**	Rel-9	S1	No	FS_SSAC	05/06/2008	11/12/2008	100%	22.986	SP-080319	NTT DoCoMo	.com)	Alain	05/12/2008	SA#42 completed	
104	400037	**Study on Unauthenticated PS Emergency Calls**	Rel-9	S1	No	FS_UAPSEC	05/06/2008	12/03/2009	20%	22.984	SP-080320	mens Networks	lerkel	Alain	05/12/2008		
105	410039	**Study on Personal Broadcast Service**	Rel-9	S1	No	FS_PBS	18/09/2008	12/03/2009	30%	22.947	SP-080504	ETRI	g Cho	Alain	05/12/2008		
106	410040	**Study on LCS support in SAE for non-3GPP ac**	Rel-9	S1	No	FS_LCS_n3GP	18/09/2008	12/03/2009	10%	22.8xy	SP-080648	SK Telecom	Shim	Alain	05/12/2008		
107	350052	**Study on CS Domain Services over EPS access**	Rel-9	S2	No	FS_CSoPS	25/04/2007	13/03/2009	70%	23.879	SP-080800	T-Mobile	bile.at	laurice	09/12/2008	SA#42 WID updated SP-0704	
108	370043	**Study on Extended Support of IMS Emergency**	Rel-9	S2	No	FS_IMS-eCall	24/09/2007	11/12/2008	100%	23.868	SP-070547	Qualcomm	Edge	laurice	22/11/2008	SA#42 completed	
109	370050	**Study on System enhancements for the use of**	Rel-9	S2	No	FS_IMS_LBO_	01/10/2007	15/09/2009	30%	23.894	SP-080556	elecom Italia, BT	t.com	laurice	22/11/2008	SA#41 SID updated SP-0708	
110	390055	**Study on Intra Domain Connection of RAN Nod**	Rel-9	S2	No	FS_IDC	12/03/2008	15/06/2009	30%	23.8xy	SP-080094	China Mobile	.com)	laurice	24/11/2008	Linked to 23.236. SA#42 com	
111	410041	**Study on IMS Evolution**	Rel-9	S2	No	FS_eIMS	18/09/2008	17/09/2009	15%	23.812	SP-080558	China Mobile	.com)		22/11/2008		
112	410042	**Study on enhancements to IMS border functio**	Rel-9	S2	No	FS_eIMS_IBCI	18/09/2008	18/06/2009	15%	22.8xy	SP-080559	Telefónica	ónica		22/11/2008		
113	410043	**Study on Multi Access PDN connectivity and IP**	Rel-9	S2,S1	No	FS_MAPIM	18/09/2008	18/06/2009	40%	23.8xy	SP-080560	Qualcomm	.com)	laurice	05/12/2008		
114	320031	**Study on Service Continuity for Emergency Vo**	Rel-9	S2	No	FS_VCCEm	08/06/2006	12/03/2009	85%	23.826	SP-080555	Nortel	.com)	laurice	24/11/2008	SA#41 SID updated SP-0602	
115	320026	**Study on Protection against SMS and MMS spa**	Rel-9	S3	No	FS_CPSMal	08/06/2006	05/12/2008	30%	33.9xx	SP-060446	Orange	ge.ch	ionisio	02/12/2008	SA#42 moved to Rel-9	
116	370053	**Study on Remote management of USIM applica**	Rel-9	S3,C6	No	FS_UM2M	02/10/2006	12/03/2009	60%	33.812	SP-070702	Ericsson	.com	ionisio	02/12/2008	Triggered by SA1 Study UID_	
117	380084	**Study on UTRAN key management enhanceme**	Rel-9	S3	No	FS_UKM	20/12/2007	12/03/2009	20%	33.8xy	SP-070782	Ericsson	rman	ionisio	02/12/2008		
118	380085	**Study on Home (e)NodeB Security**	Rel-9	S3	No	FS_HNB_Sec	20/12/2007	12/03/2009	75%	33.820	SP-070783	Huawei	i.com	ionisio	02/12/2008		
119	360006	**Study on System Maintenance over Itf-N**	Rel-9	S5	No	FS_OAM-Main	07/06/2007	11/12/2009	70%	32.822	SP-070306	ZTE	qiang	ionisio	01/12/2008	SA#42 target completion 12/0	
120	360007	**Study on Self-Organizing Networks (SON) relat**	Rel-9	S5	No	FS_OAM-SON	07/06/2007	11/12/2009	70%	32.821	SP-080461	Huawei	.com)	ionisio	01/12/2008	SA#42 target completion 03/0	
121	390017	**Study on Self-healing of Self-Organizing Netwo**	Rel-9	S5	No	FS_OAM-SON	22/02/2008	11/12/2009	40%	32.823	SP-080076	ZTE	m.cn	ionisio	01/12/2008	SA#42 target completion 03/0	
122	400029	**Study on Service Oriented Architecture (SOA) f**	Rel-9	S5	No	FS_OAM_SOA	05/06/2008	11/12/2009	15%	32.824	SP-080281	Ericsson	Edwin	ionisio	01/12/2008	SA#42 target completion 03/0	
123	410044	**Study on Rc Reference Point Functionalities ar**	Rel-9	S5	No	FS_OAM_Rc	18/09/2008	11/12/2009	20%	32.825	SP-080464	Huawei	.com]	ionisio	01/12/2008	SA#42 target completion 03/0	
124	380079	**Study on Evaluation of the inclusion of Path Lo**	Rel-9	R4	No	FS_RAN-Pathl	17/12/2007	13/03/2009	25%	25.9xx	RP-071050	Polaris Wireless	.com)	tefania	27/11/2008	SR in RP-080827.	
125	390031	**Study on LTE-Advanced**	Rel-9	R1	No	FS_RAN_LTEA	13/06/2008	11/09/2009	30%	36.913, 36	RP-080599	NTT DoCoMo	mura	Patrick	02/12/2008	SR in RP-081091. RP#41 up	
126	390032	**Study on Dual-Cell HSDPA operation**	Rel-9	R1	No	FS_RAN-DCH	15/08/2007	05/12/2008	25%	25.825	RP-080228	Qualcomm	Blanz	Patrick	09/12/2008	SI is on hold. RP#40: SR in R	
127	410016	**Study on 1.28 Mcps TDD Home NodeB**	Rel-9	R4	No	FS_RAN-HNB	20/02/2008	29/05/2009	20%	25.8xy	RP-080767	TD Tech	.com)	Patrick	27/11/2008	SR in RP-080829	
128	420012	**Study on E-UTRAN Mobility Evaluation and Enh**	Rel-9	R1	No	FS_EUTRAN_	05/12/2008	29/05/2009	0%	TR (E-UTR	RP-081137	Qualcomm	akash	Patrick	NA		
129	0	**Release 8 Features**	Rel-8	SP,RP,SP	No		03/01/2000	03/01/2000	0%						NA		
130	**320005**	**3GPP System Architecture Evolution Specifica**	**Rel-8**	**C3,C4,C6**	**No**	**SAES**	**12/04/2006**	**18/09/2009**	**93%**		**SP-080132**	**T-Mobile**	**le.at**	**aurice**	**16/09/2008**	**SA#39 WID updated SP-070**	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
131	320022	Requirements for evolution of the 3GPP system a	Rel-8	S1	No	AIPN-SAE	08/06/2006	12/12/2007	100%	22.278, 22	SP-080132	T-Mobile	bile.at	Alain	16/09/2008	SA#38 completed	
132	**370005**	**High level and common (for all accesses) functio**	**Rel-8**	**C1,C3,C4**	**No**	**EPS-ComF**	**02/01/2007**	**06/03/2009**	**95%**		**SP-080132**	**nens Networks**	**tenyi**	**aurice**	**16/09/2008**	**SA#39 WID updated SP-070**	
133	350024	Stage 2 for High level functions	Rel-8	S2	No	SAES-SA-HLF	02/01/2007	02/06/2008	100%	23.402	SP-080132	Motorola	an Ali	laurice	16/09/2008	SA#40 completed	
134	390044	Stage 2 Security Architecture	Rel-8	S3	No	SAES	12/03/2008	11/12/2008	100%	33.401, 33	SP-080132	emens Networks	n.com	ionisio	02/12/2008	SA#42 completed. SA#39 WI	
135	340051	Stage 3 (CT1) for SAE impact on services, network function	Rel-8	C1	No	SAES	05/02/2007	06/03/2009	80%	24.229, 24	CP-080493	emens Networks	n.com	rederic	25/11/2008	CT#42 Rel-8 extension to 03/	
136	340054	Stage 3 SAE impact on existing capabilities	Rel-8	C3	No	SAES	05/02/2007	05/12/2008	100%	29.061	CP-080772	Huawei	.com)	Gwiho	04/12/2008	CT#42 completed. WID updat	
137	340062	Stage 3 (CT4) of SAE impact on existing capabilities	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	95%	29.274, 29	CP-080724	Huawei	i.com	Kimmo	04/12/2008	CT#42 Rel-8 extension to 03/	
138	340049	Stage 2/3 for Network selection procedures	Rel-8	C1	No	SAES	05/02/2007	05/12/2008	100%	23.122, 24	CP-080493	emens Networks	n.com	rederic	03/12/2008	CT#42 completed. CT#41 WI	
139	340023	Stage 3 EPC interworking with external PDNs (SGi)	Rel-8	C3	No	SAES-St3-intw	05/02/2007	05/12/2008	96%	29.061	CP-080772	Huawei	.com)	Gwiho	04/12/2008	WID updated CP-080056=>C	
140	340022	Stage 3 PCC within SAE	Rel-8	C3	No	SAES-St3-PC(	05/02/2007	06/03/2009	90%	29.212, 29	CP-080576	Ericsson	n.com	Gwiho	25/11/2008	CT#42 Rel-8 extension to 03/	
141	340028	Stage 3 for SAE / LTE identities	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	95%	23.003	CP-080724	Huawei	i.com	Kimmo	04/12/2008	CT#42 Rel-8 extension to 03/	
142	370017	Unified guidelines for Diameter usage within 3GPP	Rel-8	C3	No	SAES-DIAM	21/09/2007	05/12/2008	100%	29.909	CP-080055	Huawei	allego	Gwiho	21/11/2008	CT#42 completed	
143	**350025**	**SAE for LTE access**	**Rel-8**	**C1,C3,C4**	**No**	**SAES-LTE**	**02/01/2007**	**06/03/2009**	**92%**	**23.401, 23**	**SP-080132**	**Motorola**	**.com**	**aurice**	**16/09/2008**	**SA#39: WID updated SP-07**	
144	340060	CT4 Stage 3 for protocol between EPCs	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	90%	29.274, 29	CP-080724	Huawei	i.com	Kimmo	04/12/2008	CT#42 Rel-8 extension to 03/	
145	**350042**	**SAES-SA-FP_LTE with GTP variant**	**Rel-8**	**S2,C4**	**No**	**SAES-SA-FP_**	**02/01/2007**	**06/03/2009**	**88%**		**SP-080132**	**nens Networks**	**tenyi**	**aurice**	**16/09/2008**	**SA#39: WID updated SP-07**	
146	370006	Stage 2 for SAES-SA-FP_LTE with GTP variant	Rel-8	S2	No	SAES-SA-FP_	02/01/2007	05/06/2008	100%	23.401, 23	SP-080132	emens Networks	rtenyi	laurice	16/09/2008	SA#40 completed	
147	340055	CT4 Stage 3 for GTP v2 protocol	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	80%	29.274	CP-080724	Huawei	i.com	Kimmo	04/12/2008	CT#42 Rel-8 extension to 03/	
148	**350043**	**SAES-SA-FP_LTE with PMIP variant**	**Rel-8**	**S2,C4**	**No**	**SAES-SA-FP_**	**02/01/2007**	**06/03/2009**	**98%**		**SP-080132**	**nens Networks**	**tenyi**	**aurice**	**16/09/2008**	**SA#39: WID updated SP-07**	
149	370007	Stage 2 for SAES-SA-FP_LTE with PMIP variant	Rel-8	S2	No	SAES-SA-FP_	02/01/2007	05/06/2008	100%		SP-080132	emens Networks	rtenyi	laurice	16/09/2008	SA#40 completed. Multiple PI	
150	370018	CT4 Stage 3 for PMIP protocol within EPC	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	95%	29.275	CP-080724	Huawei	i.com	Kimmo	04/12/2008	CT#42 Rel-8 extension to 03/	
151	410004	Mobile IPv4 (MIPv4) based Mobility protocols	Rel-8	C4	No	SAES	05/02/2007	05/12/2008	100%	29.279	CP-080724	Motorola	vilton	Kimmo	04/12/2008	CT#42 completd. WID update	
152	340020	Stage 3 for UE NAS mobility procedures in idle and active m	Rel-8	C1	No	SAES	05/02/2007	06/03/2009	90%	24.007, 24	CP-080493	emens Networks	n.com	rederic	25/11/2008	CT#42 Rel-8 extension to 03/	
153	340050	Stage 3 for Session management, bearer control and QoS a	Rel-8	C1	No	SAES	05/02/2007	06/03/2009	90%	24.007, 24	CP-080493	emens Networks	n.com	rederic	25/11/2008	CT#42 Rel-8 extension to 03/	
154	340053	Stage 3 for security aspects of LTE Access	Rel-8	C1	No	SAES	05/02/2007	06/03/2009	80%	24.008, 24	CP-080493	emens Networks	n.com	rederic	25/11/2008	CT#42 Rel-8 extension to 03/	
155	340025	Stage 3 for QoS mechanisms	Rel-8	C3	No	SAES	05/02/2007	05/12/2008	100%	29.213	CP-080576	Ericsson	n.com	Gwiho	21/11/2008	CT#42 completed. CT#41 up(	
156	340026	Stage 3 for EPC - HSS interface	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	95%	29.272	CP-080724	Huawei	i.com	Kimmo	04/12/2008	CT#42 Rel-8 extension to 03/	
157	**350026**	**SAE for Interoperation between LTE and legacy c**	**Rel-8**	**S2,C1,C4**	**No**	**SAES-SA-FP_**	**05/02/2007**	**06/03/2009**	**91%**		**SP-080132**	**Motorola**	**.com**	**aurice**	**16/09/2008**	**SA#39: WID updated SP-07**	
158	370008	Stage 2 for Interoperation between LTE and 2G/3G	Rel-8	S2	No	EPSto2_3G	05/02/2007	18/09/2008	100%	23.401, 23	SP-080132	Motorola	an Ali	laurice	16/09/2008	SA#41 completed. SA#40 ext	
159	380031	Stage 3 for Inter-system mobility between E-UTRAN and 2G	Rel-8	C1	No	SAES	05/02/2007	06/03/2009	75%	24.008, 24	CP-080493	emens Networks	n.com	rederic	25/11/2008	CT#42 Rel-8 extension to 03/	
160	340018	Stage 2 GPRS enhancements for LTE access	Rel-8	S2	*No*	SAES-GPRS_I	04/09/2007	18/09/2008	100%	23.401	SP-080132	Vodafone	e.com	*laurice*	16/09/2008	SA#41 completed. 25/03/08 c	
161	390008	Stage 2 GPRS for EPC (23.060, etc.)	Rel-8	S2	No	SAES	14/01/2008	18/09/2008	100%	23.060	SP-080132	emens Networks	rtenyi	laurice	16/09/2008	SA#41 completed. SA#40 ext	
162	340056	Stage 3 for EPC - GPRS	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	85%	29.274, 29	CP-080724	Huawei	i.com	Kimmo	04/12/2008	CT#42 Rel-8 extension to 03/	
163	380032	Stage 3 for EPC to UTRAN	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	85%	29.274, 29	CP-080724	Huawei	i.com	Kimmo	22/11/2008	CT#42 Rel-8 extension to 03/	
164	380033	Stage 3 for EPC to 3GPP2	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	95%	29.277, 29	CP-080724	Huawei	i.com	Kimmo	04/12/2008	CT#42 Rel-8 extension to 03/	
165	370009	Stage 2 for Interoperation between LTE and CDMA2000	Rel-8	S2	No	EPStoC2k	18/06/2007	18/09/2008	100%	23.401, 23	SP-080132	orola, Vodafone	e.com	laurice	16/09/2008	SA#40 extension to Sep 2008	
166	360023	Stage 3 for Inter-system mobility between E-UTRAN and CD	Rel-8	C1	No	SAES	05/02/2007	06/03/2009	90%	24.301, 24	CP-080493	emens Networks	n.com	rederic	25/11/2008	CT#42 Rel-8 extension to 03/	
167	340061	Stage 3 for MME - SGSN "signalling free" protocol	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	95%	29.272, 29	CP-080724	Huawei	i.com	Kimmo	04/12/2008	CT#42 Rel-8 extension to 03/	
168	**350027**	**SAE for support for non-3GPP accesses**	**Rel-8**	**S3,C1,C4**	**No**	**SAES-SA-FP_**	**02/01/2007**	**06/03/2009**	**97%**		**SP-080132**	**Motorola**	**.com**	**aurice**	**16/09/2008**	**SA#39 retained in Rel-8 (in**	
169	350044	Stage 2 for Host-based Mobility aspects	Rel-8	S2	No	SAES-SA-FP_	02/01/2007	05/06/2008	100%	23.402	SP-080132	Motorola	an Ali	laurice	16/09/2008	SA#40 completed	
170	350045	Stage 2 for Network-based Mobility aspects	Rel-8	S2	No	SAES-SA-FP_	02/01/2007	18/09/2008	100%	23.402	SP-080132	Motorola	an Ali	laurice	16/09/2008	SA#40 extension to Sep 2008	
171	360022	Stage 3 for Mobility management based on DSMIP v6	Rel-8	C1	No	SAES	05/02/2007	05/12/2008	100%	24.303	CP-080493	emens Networks	n.com	rederic	21/11/2008	CT#41 WID updated CP-080(	
172	390009	Stage 3 for Mobility management based on MIP v4	Rel-8	C1	No	SAES	05/02/2007	05/12/2008	100%	24.304	CP-080493	emens Networks	n.com	rederic	21/11/2008	CT#41 WID updated CP-080(	
173	380030	Stage 3 for Inter-system mobility between E-UTRAN and no	Rel-8	C1	No	SAES	05/02/2007	06/03/2009	80%	24.008, 24	CP-080493	emens Networks	n.com	rederic	25/11/2008	CT#42 Rel-8 extension to 03/	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	handonn at
174	360019	Stage 2 for Optimized Dual-Radio Handover with WiMAX	Rel-8	S2	No	SAES-SA-FP_	25/06/2007	05/06/2008	100%	23.402	SP-080132	Motorola	an Ali	laurice	16/09/2008	SA#40 completed	
175	390045	Stage 2 Security aspects for non-3GPP Access	Rel-8	S3	No	SAES	12/03/2008	11/12/2008	100%	33.402, 33	SP-080132	emens Networks	n.com	ionisio	02/12/2008	SA#42 completed. SA#39 WI	
176	370010	Stage 3 security aspects for DSMIP v6 Access	Rel-8	C1	No	SAES	05/02/2007	05/12/2008	100%	24.303	CP-080493	emens Networks	n.com	rederic	21/11/2008	CT#42 completed. post-CT#3	
177	390172	Stage 3 security aspects for MIPv4 Access	Rel-8	C1	No	SAES	05/02/2007	05/12/2008	100%	24.304	CP-080493	emens Networks	n.com	rederic	21/11/2008	CT#42 completed. post-CT#3	
178	360021	Stage 3 for Access to the EPC via non-3GPP access netwo	Rel-8	C1	No	SAES	05/02/2007	06/03/2009	90%	24.302, 24	CP-080493	emens Networks	n.com	rederic	21/11/2008	CT#42 Rel-8 extension to 03/	
179	370011	Stage 3 for interfaces within EPC	Rel-8	C4	No	SAES	19/09/2007	06/03/2009	95%	29.274, 29	CP-080724	Huawei	i.com	Kimmo	04/12/2008	CT#42 Rel-8 extension to 03/	
180	340057	Stage 3 for Interfaces EPC - non-3GPP IP access	Rel-8	C4	No	SAES	05/02/2007	06/03/2009	95%	29.273, 29	CP-080724	Huawei	i.com	Kimmo	04/12/2008	CT#42 Rel-8 extension to 03/	
181	340058	Stage 3 for AAA/HSS related	Rel-8	C4	No	SAES	05/02/2007	05/12/2008	100%	29.273	CP-080724	Huawei	i.com	Kimmo	04/12/2008	CT#42 completd. WID update	
182	340059	Stage 3 for EPC - AAA interface	Rel-8	C4	No	SAES	05/02/2007	05/12/2008	100%	29.273	CP-080724	Huawei	i.com	Kimmo	04/12/2008	CT#42 completd. WID update	
183	*360018*	*Deleted (already covered) SAES-SA-FP_n3GPP Optimized*	*Rel-8*	*S2*	*No*	*SAES-SA-FP_*	*25/06/2007*	*25/06/2007*	*100%*			*mens Networks*		*laurice*	*03/04/2008*	*SA#37 stopped*	*SP-37*
184	**350030**	**Single Radio Voice Call Continuity for 3GPP (SR**	**Rel-8**	**S2,C1,C4**	**No**	**SAES-SRVCC**	**02/01/2007**	**06/03/2009**	**89%**		**SP-070949**	**nens Networks**	**Vong**	**aurice**	**16/06/2008**	**CT#42 Rel-8 extension to 0:**	
185	350130	Stage 2 for 2G/3G SRVCC	Rel-8	S2	No	SAES-SRVCC	02/01/2007	18/09/2008	100%	23.216	SP-070949	emens Networks	Vong	laurice	15/09/2008	SA#41 completed. SA#38 WI	
186	410005	Stage 3 for SRVCC in EPS	Rel-8	C1	No	SAES-SRVCC	30/05/2008	06/03/2009	65%	23.009, 24	CP-080793	emens Networks	n.com		04/12/2008	CT#42 Rel-8 extension to 03/	
187	410006	MME to MSC interface for SRVCC	Rel-8	C4	No	SAES-SRVCC	12/09/2008	06/03/2009	90%	29.274, 29	CP-080793	emens Networks	ulbani		04/12/2008	CT#42 Rel-8 extension to 03/	
188	360020	**Voice Call Continuity for CDMA2000 1X**	Rel-8	S2	No	SAES-VCC_1)	25/06/2007	05/06/2008	100%		SP-080132	emens Networks	rtenyi	laurice	16/09/2008	SA#40 completed	
189	350031	**SAE impacts on IMS**	Rel-8	S2	No	SAES-SA_IMS	02/01/2007	05/06/2008	100%		SP-080132	emens Networks	rtenyi	laurice	16/09/2008	SA#40 completed	
190	**390036**	**CS Fallback in EPS**	**Rel-8**	**S2,C1,C4**	**No**	**SAES-CSFB**	**12/03/2008**	**06/03/2009**	**92%**		**SP-080097**	**obile, Vodafone**	**.com**	**aurice**	**27/05/2008**	**CT#42 Rel-8 extension to 0:**	
191	400001	Stage 2 for CS Fallback in EPS	Rel-8	S2	No	SAES-CSFB	12/03/2008	05/06/2008	100%	23.272, 23	SP-080097	lobile, Vodafone	e.com	laurice	03/06/2008	SA#40 completed	
192	400102	Stage 3 for CS Fallback in EPS	Rel-8	C1	No	SAES-CSFB	30/05/2008	06/03/2009	85%	24.301, 24	CP-080791	NEC	ech.fr	rederic	04/12/2008	CT#42 Rel-8 extension to 03/	
193	400003	Stage 3 for CS Fallback in EPS	Rel-8	C4	No	SAES-CSFB	30/05/2008	05/12/2008	100%	23.007, 23	CP-080791	NEC	ech.fr	Kimmo	04/12/2008	CT#42 completed. WID updat	
194	390039	**System enhancements for the use of IMS service**	Rel-8	S2	No	SAES-IMS_LB	12/03/2008	05/06/2008	100%	23.228, 23	SP-080090	Telecom Italia	alia.it	laurice	03/03/2008	SA#40 completed	
195	**390010**	**EPC Data Definitions**	**Rel-8**	**S5**	**No**	**EPC-OAM**	**07/01/2008**	**12/03/2009**	**75%**		**ot applicable**			**onisio**	**03/03/2008**		
196	380037	EPC Network Resource Model (NRM) Integration Reference	Rel-8	S5	No	EPC-OAM	07/01/2008	12/03/2009	80%	32.751, 32	SP-070737	Huawei	elong	ionisio	01/12/2008	SA#42 Rel-8 extension to 03/	
197	390011	Performance measurements for EPC	Rel-8	S5	No	EPC-OAM	22/02/2008	12/03/2009	70%	32.426	SP-080061	China Mobile	chun	ionisio	01/12/2008	SA#42 Rel-8 extension to 03/	
198	380038	**EPC Charging**	Rel-8	S5	No	EPC-CH	07/01/2008	12/03/2009	80%	32.240/29	SP-070736	emens Networks	erald	ionisio	01/12/2008	SA#42 Rel-8 extension to 03/	
199	390018	**Issues for CT1 TR 24.801**	Rel-8	C1	No	SAES	04/01/2007	05/12/2008	95%	24.801	CP-080068	emens Networks	n.com	rederic	21/11/2008	CT#41 TR content moved to	
200	390019	**Issues for CT3 TR 29.804**	Rel-8	C3	No	SAES	05/02/2007	12/09/2008	100%	29.804	CP-080068	Ericsson	n.com	Gwiho	12/09/2008	CT#41 completed	
201	*390020*	*Deleted - Issues for CT4 TR 29.803*	*Rel-8*	*C4*	*No*	*SAES*	*04/01/2007*	*12/09/2008*	*100%*	*29.803*	*CP-080068*	*Huawei*		Kimmo	*17/09/2008*	*CT#41 Work stopped and co*	*CP-41*
202	400104	**Domain Name System Procedures for Evolved Pa**	Rel-8	C4	No	SAES-DEPS	30/05/2008	06/03/2009	95%	23.003, 29	CP-080280	TeliaSonera	a.com	Kimmo	25/11/2008	CT#42 Rel-8 extension to 03/	
203	410007	**InterWorking Function (IWF) between MAP based**	Rel-8	C4	No	SAES-MAP2D	12/09/2008	06/03/2009	95%	29.305	CP-080644	Huawei	i.com	Kimmo	25/11/2008	CT#42 Rel-8 extension to 03/	
204	**390021**	**CT6 aspects of SAE**	**Rel-8**	**C6**	**No**	**SAES**	**05/12/2008**	**18/09/2009**	**0%**	**31.102, 31**	**CP-080164**	**Nokia**	**.com**	**Xavier**	**04/12/2008**	**CT#42 Rel-8 extension to 0:**	
205	420018	Test interworking of LTE Terminals with the USIM	Rel-8	C6	No	SAES-USIM_L	05/12/2008	18/09/2009	0%	31.xyz (US	CP-080899	Comprion	nbrink	Xavier	NA	Testing for UID_390021 (BB:	
206	*350029*	*Deleted (covered by 380068): Functions and procedures for SAE*	*Rel-8*	*S2*	*No*	*SAES-SA-FP_*	*03/03/2008*	*03/03/2008*	*100%*			*mens Networks*		*laurice*	*03/04/2008*	*SA#37 stopped*	*SP-37*
207	*350032*	*Deleted (covered by 380064): SAE aspects of Emergency Calls*	*Rel-8*	*S2*	*No*	*SAES-SA-Em(*	*03/03/2008*	*03/03/2008*	*100%*			*mens Networks*		*laurice*	*03/04/2008*	*SA#37 stopped*	*SP-37*
208	*340019*	*Deleted - CT1 aspects of SAES*	*Rel-8*	*CP,C1*	*No*	*SAES-St3*	*04/09/2007*	*27/09/2007*	*100%*		*CP-060674*			*rederic*	*03/04/2008*	*SA#37 stopped*	*SP-37*
209	*350019*	*Deleted - CT1 aspects of SAES*	*Rel-8*	*C1*	*No*	*SAES-St3*	*04/09/2007*	*04/09/2007*	*100%*		*CP-060674*			*rederic*	*03/04/2008*	*SA#37 stopped*	*SP-37*
210	*340052*	*Deleted - Interoperability*	*Rel-8*	*C1*	*No*	*SAES-St3-inte*	*14/03/2008*	*14/03/2008*	*100%*		*CP-060674*			*rederic*	*03/04/2008*	*SA#37 stopped*	*SP-37*
211	*350020*	*Deleted - CT3 aspects of SAES*	*Rel-8*	*C3*	*No*	*SAES-St3*	*04/09/2007*	*04/09/2007*	*100%*		*CP-060675*			*Gwiho*	*03/04/2008*	*SA#37 stopped*	*SP-37*
212	*350021*	*Deleted - CT4 aspects of SAES*	*Rel-8*	*C4*	*No*	*SAES-St3*	*04/09/2007*	*04/09/2007*	*100%*	*29.803*	*CP-060676*			*Kimmo*	*03/04/2008*	*SA#37 stopped*	*SP-37*
213	*340021*	*Deleted - UE to EPC NAS signalling (incl. MBMS and QoS aspec*	*Rel-8*	*C1*	*No*	*SAES-St3-sig*	*14/03/2008*	*14/03/2008*	*100%*		*CP-060674*			*rederic*	*03/04/2008*	*SA#37 stopped*	*SP-37*
214	*340027*	*Deleted -User and Control plane protocols*	*Rel-8*	*C4*	*No*	*SAES-St3-prot*	*21/09/2007*	*21/09/2007*	*100%*		*CP-060676*			*Kimmo*	*03/04/2008*	*SA#37 stopped*	*SP-37*
215	*340037*	*Deleted - Architecture enhancements for non-3GPP accesses*	*Rel-8*	*S2*	*No*	*SAES-non_3G*	*04/09/2007*	*04/09/2007*	*100%*	*23.402*	*SP-060926*	*Motorola*	*.com*	*laurice*	*25/07/2008*	*SA#34 stopped. Replaced by*	*SP-34*
216	*320030*	*Deleted: Stage 2 of architecture for the 3GPP System Architectu*	*Rel-8*	*S2*	*No*	*SAES-St2*	*02/10/2007*	*02/10/2007*	*100%*	*23.002, 23*	*SP-060926*	*Vodafone*	*.com*	*laurice*	*03/04/2008*	*SA#34 stopped. Replaced by*	*SP-34*

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
217	*350023*	*Deleted - SA aspects of System Architecture Evolution*	*Rel-8*	*S2*	*No*	*SAES-SA*	*12/04/2006*	*02/10/2007*	*100%*					*laurice*	*03/04/2008*	*SA#34 stopped*	*SP-34*
218	**370025**	**IMS Centralized Service Control (ICSRA)**	**Rel-8**	**C1,C3,C4**	**No**	**ICSRA**	**03/09/2007**	**06/03/2009**	**98%**		**SP-070924**	**AT&T**	**hlert**	**Alain**	**15/04/2008**	**SA#40 SA1/2 completed. CT**	
219	380039	**Stage 1 for ICSRA**	Rel-8	S1	No	ICSRA	03/09/2007	12/03/2008	100%	22.101	SP-070924	AT&T	hlert	Alain	23/07/2008	SA#38 WID approved. SA#3	
220	380040	**Stage 2 for ICSRA**	Rel-8	S2	No	ICSRA-St2	14/12/2007	05/06/2008	100%	23.292, 23	SP-070924	Alcatel-Lucent		laurice	23/07/2008	SA#38 WID approved. SA#4	
221	400005	**Stage 3 for ICSRA – Protocol, Addressing, Subsc**	Rel-8	C1	No	ICSRA	30/05/2008	06/03/2009	95%	24.292, 24	CP-080492	Ericsson	neyer	rederic	25/11/2008	CT#42 Rel-8 extension to 03/	
222	*400105*	*Deleted - Stage 3 for ICSRA – I1 interface*	*Rel-8*	*C1*	No	*ICSRA*	*30/05/2008*	*12/09/2008*	*100%*	*24.293*	*CP-080492*	*Huawei*	*ili Xu*	rederic	*27/10/2008*	*23/07/08 Line created at CT1*	*CP-41*
223	400006	**Stage 3 for ICSRA – Protocol, Addressing, Subsc**	Rel-8	C3	No	ICSRA	30/05/2008	06/03/2009	97%	29.292	CP-080492	Mavenir	Wallis	Gwiho	25/11/2008	CT#42 Rel-8 extension to 03/	
224	400007	**Stage 3 for ICSRA – Protocol, Addressing, Subsc**	Rel-8	C4	No	ICSRA	30/05/2008	05/12/2008	100%	23.003, 29	CP-080492	Ericsson	neyer	Kimmo	22/11/2008	CT#42 completed. CT#41 WI	
225	**370059**	**IMS Multimedia Telephony and Supplementary**	**Rel-8**	**C1,C3,C4**	**No**	**IMSTSS**	**02/05/2007**	**12/03/2009**	**90%**		**ot applicable**			**ederic**	**19/11/2007**		
226	**370060**	**General aspects of IMS Sup Services**	**Rel-8**	**C1,C3,C4**	**No**	**IMSSS-Gal**	**03/09/2007**	**06/03/2009**	**98%**		**SP-070691**	**Ericsson**	**bater**	**Alain**	**19/11/2007**		
227	370023	**Service and Capability for Core IMS - inclusion of TISP**	Rel-8	S1	No	TISCAPR8	03/09/2007	14/12/2007	100%	22.228, 22	SP-070691	Ericsson	bater	Alain	20/03/2008	SA#39 completed	
228	380001	**Documentation of TISPAN R1 and R2 in CT1**	Rel-8	C1	No	REDOC_TIS-C	28/11/2007	12/09/2008	100%	24.141, 24	CP-080213	emens Networks	n.com	rederic	01/08/2008	CT#41 completed	
229	380002	**Documentation of TISPAN R1 and R2 in CT3**	Rel-8	C3	No	REDOC_TIS-C	28/11/2007	06/03/2009	95%	29.162, 29	CP-080213	emens Networks	n.com	Gwiho	04/12/2008	CT#42 Rel-8 extension to 03/	
230	380003	**Documentation of TISPAN R1 and R2 in CT4**	Rel-8	C4	No	REDOC_TIS-C	28/11/2007	12/09/2008	100%	29.228, 29	CP-080213	emens Networks	n.com	Kimmo	01/09/2008	CT#41 completed	
231	**370062**	**IMS Multimedia Telephony Service**	**Rel-8**	**S1,S5**	**No**	**IMS-MMTel**	**10/09/2007**	**12/03/2009**	**79%**		**ot applicable**			**Alain**	**19/11/2007**		
232	370024	**Merging TISPAN MMTel [requirements] for Common IM**	Rel-8	S1	No	TMMTEL	10/09/2007	07/12/2007	100%	22.173	SP-070569	emens Networks		Alain	19/11/2007	SA#38 completed	
233	380041	Multimedia Telephony Service and Supplementary Services	Rel-8	S5	No	MMTel-CH	07/01/2008	12/03/2009	75%	32.275, 32	SP-080848	Alcatel-Lucent	aryse	ionisio	09/12/2008	SA#42 Rel-8 extension to 03/	
234	**380006**	**Call Completion on Busy Subscriber (CCBS)/Call**	**Rel-8**	**C1,C3**	**No**	**CCBS_CCNR**	**02/05/2007**	**06/03/2009**	**95%**		**CP-080215**	**tsche Telekom**	**m.de**	**ederic**	**29/11/2007**		
235	380007	**Stage 3 CCBS_CCNR**	Rel-8	C1	No	CCBS_CCNR	02/05/2007	06/03/2009	90%	24.642, 24	CP-080215	utsche Telekom	m.de	rederic	21/11/2008	CT#42 Rel-8 extension to 03/	
236	380008	**Stage 3 CCBS_CCNR**	Rel-8	C3	No	CCBS_CCNR	02/05/2007	05/12/2008	100%	29.163	CP-080215	utsche Telekom	m.de	Gwiho	21/11/2008	CT#42 completed	
237	**390058**	**Flexible Alerting**	**Rel-8**	**S1,C1**	**No**	**FA**	**30/01/2008**	**06/03/2009**	**92%**		**CP-080219**	**Nortel**	**.com**	**Alain**	**15/04/2008**		
238	390059	**Stage 1 FA**	Rel-8	S1	No	FA	30/01/2008	05/06/2008	100%	22.173		Telecom Italia		Alain	18/09/2008	SA#40 completed	
239	390015	**Stage 3 FA**	Rel-8	C1	No	FA	30/01/2008	06/03/2009	90%	24.239, 24	CP-080219	Nortel	l.com	rederic	25/11/2008	CT#42 Rel-8 extension to 03/	
240	**380009**	**Communication Wait on IMS**	**Rel-8**	**C1,C3**	**No**	**CW_IMS**	**30/11/2007**	**06/03/2009**	**94%**		**CP-080214**	**tsche Telekom**	**m.de**	**ederic**	**15/04/2008**		
241	380010	**Stage 3 CW-IMS**	Rel-8	C1	No	CW_IMS	30/11/2007	06/03/2009	90%	24.615, 24	CP-080214	utsche Telekom	m.de	rederic	25/11/2008	CT#42 Rel-8 extension to 03/	
242	380011	**Stage 3 CW-IMS**	Rel-8	C3	No	CW_IMS	30/11/2007	05/12/2008	100%	29.163	CP-080214	utsche Telekom	m.de	Gwiho	21/11/2008	CT#42 completed	
243	380042	**Advice of Charge (AoC) support in IMS Charging**	Rel-8	S5	No	IMSTSS	07/01/2008	12/03/2009	55%	32.280, 32	SP-070739	emens Networks	erald	ionisio	01/12/2008	SA#42 Rel-8 extension to 03/	
244	370003	**Add Interconnection Border Control Function (IB**	Rel-8	S5	No	IMSTSS	17/09/2007	12/03/2008	100%	32.260, 32	SP-070621	Alcatel-Lucent	aryse	ionisio	23/03/2008	SA#39 completed	
245	**390035**	**3GPP2 Input to Common IMS**	**Rel-8**	**C1,C3,C4**	**No**	**CIMS_3GPP2**	**07/03/2008**	**11/12/2008**	**100%**		**SP-080220**	**Nortel**	**Deol**	**Alain**	**04/12/2008**	**TSG#42 completed**	
246	390050	**Stage 1 CIMS_3GPP2 (SA1)**	Rel-8	S1	No	CIMS_3GPP2	12/03/2008	05/06/2008	100%	22.228, 22	SP-080220	Nortel	Deol	Alain	04/12/2008	SA#40 completed	
247	390051	**Stage 2 CIMS_3GPP2 (SA2)**	Rel-8	S2	No	IMS_Common	12/03/2008	05/06/2008	100%	23.002, 23	SP-080220	Nortel	Deol	laurice	04/12/2008	SA#40 completed	
248	390052	**Security CIMS_3GPP2 (SA3)**	Rel-8	S3	No	IMS_Common	12/03/2008	11/12/2008	100%	33.141, 33	SP-080220	Nortel	Deol	ionisio	04/12/2008	SA#42 completed [issues adc	
249	390013	**Stage 3 CIMS_3GPP2 (CT1)**	Rel-8	C1	No	REDOC_3GPI	07/03/2008	05/12/2008	100%	23.218, 24	CP-080795	Alcatel-Lucent	t.com	rederic	04/12/2008	CT#42 completed. WID updat	
250	390026	**Stage 3 CIMS_3GPP2 (CT3)**	Rel-8	C3	No	REDOC_3GPI	07/03/2008	05/12/2008	100%	29.163, 29	CP-080494	Alcatel-Lucent	t.com	Gwiho	04/12/2008	CT#42 completed. WID updat	
251	390027	**Stage 3 CIMS_3GPP2 (CT4)**	Rel-8	C4	No	REDOC_3GPI	07/03/2008	11/12/2008	100%	29.228, 29	CP-080494	Alcatel-Lucent	t.com	Kimmo	04/12/2008	CT#42 completed. WID updat	
252	**350005**	**IMS Enhancements for support of Packet Cabl**	**Rel-8**	**C1,C3,C4**	**No**	**PktCbl**	**06/12/2006**	**30/05/2008**	**100%**		**ot applicable**	**Cablelabs**	**bben**	**aurice**	**29/03/2007**	**CT#40 completed**	
253	**350008**	**IMS Enhancements for Cable Client Types and D**	**Rel-8**	**S2,C1**	**No**	**PktCbl-Deploy**	**05/02/2007**	**30/05/2008**	**100%**		**SP-070105**	**Cablelabs**	**bben**	**aurice**	**29/03/2007**	**CT#40 completed**	
254	350009	**Architecture aspects of PktCbl-Deploy**	Rel-8	S2	No	PktCbl-Deploy	05/02/2007	06/12/2007	100%	23.228	SP-070105	Cablelabs	ibben	laurice	27/05/2008	SA#38 completed	
255	350010	**CT1 aspects of PktCbl-Deploy**	Rel-8	C1	No	PktCbl-Deploy	26/03/2007	30/05/2008	100%		CP-070122	Cablelabs	s.com	rederic	13/05/2008	CT#40 completed	
256	**350011**	**IMS Inter-working aspects in Support of Cable Re**	**Rel-8**	**S2,C1,C3**	**No**	**PktCbl-Intw**	**05/02/2007**	**15/03/2008**	**100%**		**SP-070107**	**Cablelabs**	**.com**	**aurice**	**29/03/2007**	**CT#39 completed**	
257	350012	**Architecture PktCbl-Interwork**	Rel-8	S2	No	PktCbl-Intw	05/02/2007	14/09/2007	100%	23.228	SP-070107	Cablelabs	s.com	laurice	29/05/2007	SA#37 completed	
258	350013	**CT1,CT3 PktCbl-Interwork**	Rel-8	C1,C3	No	PktCbl-Intw	26/03/2007	15/03/2008	100%	24.229	CP-070575	Cablelabs	s.com	rederic	03/03/2008	CT#39 completed	
259	**340008**	**IMS Enhancements for Security Requirements in**	**Rel-8**	**C1,C3,C4**	**No**	**PktCbl-Sec**	**06/12/2006**	**30/05/2008**	**100%**		**SP-060933**	**Cablelabs**	**.com**	**onisio**	**29/05/2007**	**CT#40 completed**	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
260	350033	**SA3 Aspects of PktCbl-Sec**	Rel-8	S3	No	PktCbl-Sec	06/12/2006	12/03/2008	100%	33.203, 33	SP-060933	Cablelabs	s.com	ionisio	23/03/2008	SA#39 completed	
261	350006	**CT1 Aspects of PktCbl-Sec**	Rel-8	C1	No	PktCbl-Sec	26/03/2007	30/05/2008	100%	24.229	CP-070124	Cablelabs	s.com	rederic	27/05/2008	CT#40 completed	
262	380029	**CT3 Aspects of PktCbl-Sec**	Rel-8	C3	No	PktCbl-Intw	26/03/2007	30/11/2007	100%	29.163	CP-070124	Cablelabs	s.com	Gwiho	07/03/2008	CT#38 completed	
263	350007	**CT4 Aspects of PktCbl-Sec**	Rel-8	C4	No	PktCbl-Sec	26/03/2007	14/03/2008	100%	29.228, 29	CP-070124	Cablelabs	s.com	Kimmo	27/05/2008	CT#39 completed	
264	**360012**	**IMS System enhancements for corporate netw**	**Rel-8**	**S1,C1,C4**	**No**	**IMS_Corp**	**22/06/2007**	**06/03/2009**	**94%**		**SP-080095**	**Orange**	**anira**	**aurice**	**03/06/2008**	**SA#40 SA2 proposed Rel-9**	
265	390049	**SA1 aspects of IMS_Corp**	Rel-8	S1	No	IMS_Corp	12/03/2008	05/06/2008	100%		SP-080095	Telecom Italia		Alain	19/05/2008	SA#40 completed	
266	360014	**SA2 aspects of IMS_Corp**	Rel-8	S2	No	IMS_Corp	22/06/2007	18/09/2008	100%	23.228	SP-080095	Orange	anira	laurice	15/09/2008	SA#41 completed	
267	390022	**CT1 aspects of IMS_Corp**	Rel-8	C1	No	IMS_Corp	07/03/2008	06/03/2009	80%	24.229, 24	CP-080220	Alcatel-Lucent	t.com	rederic	25/11/2008	CT#42 Rel-8 extension to 03/	
268	390023	**CT4 aspects of IMS_Corp**	Rel-8	C4	No	IMS_Corp	26/02/2008	05/12/2008	100%	29.228, 29	CP-080220	Alcatel-Lucent	t.com	Kimmo	22/11/2008	CT#42 completed	
269	**380069**	**Maintenance of TISPAN documentation**		**C1,C3,C4**	**No**	**MAINTISP**	**02/07/2007**	**05/06/2008**	**100%**		**ot applicable**			**ederic**	**27/05/2008**	**SA#40 completed**	
270	380004	**Maintenance of TISPAN R1**	Rel-7	C1,C3,C4	No	MAINT_R1	09/11/2007	07/03/2008	100%	24.404, 24	CP-080211	Alcatel-Lucent	t.com	Kimmo	15/04/2008	CT#39 completed	
271	380005	**Maintenance of TISPAN R2**	Rel-8	C1,C3,C4	No	MAINT_R2	09/11/2007	07/03/2008	100%	24.406, 24	CP-080229	Alcatel-Lucent	t.com	Kimmo	15/04/2008	CT#39 completed	
272	380043	**Documentation of TISPAN NGN R1 and R2 in 3GP**	Rel-8	S2	No	IMS_Comm_D	14/01/2008	05/06/2008	100%	23.228, 23	SP-070823	emens Networks	n.com	laurice	27/05/2008	WID approved SA#38. per OI	
273	380072	**Maintenance of TISPAN release 1 common IMS**	Rel-7	S2,S1	No	IMS_Comm_M	02/07/2007	06/12/2007	100%	22.273, 22	SP-080501	BT, Ericsson	orbes	laurice	15/09/2008	SA#38 WID and TSs approve	
274	380044	**Maintenance of TISPAN release 2 common IMS**	Rel-8	S2	No	IMS_Comm_M	02/07/2007	06/12/2007	100%	23.506, 23	SP-070916	Telecom Italia	alia.it	laurice	13/12/2007	SA#38 approved WID and TS	
275	**390056**	**IMS Service Continuity**	**Rel-8**	**S2,S1,C1**	**No**	**IMS-Cont**	**12/03/2008**	**06/03/2009**	**97%**		**SP-080092**	**LG Electronics**	**com)**	**aurice**	**27/05/2008**	**SA#40 Stage 1/2 completed**	
276	390072	**Stage 1 IMS Service Continuity**	Rel-8	S1	No	IMS-Cont	12/03/2008	05/06/2008	100%		SP-080092	LG Electronics	.com)	Alain	27/05/2008	SA#40 completed	
277	390057	**Stage 2 IMS Service Continuity**	Rel-8	S2	No	IMS-Cont	12/03/2008	05/06/2008	100%	23.237, 23	SP-080092	LG Electronics	.com)	laurice	27/05/2008	SA#40 completed	
278	400011	**Stage 3 IMS Service Continuity**	Rel-8	C1	No	IMS-Cont	30/05/2008	06/03/2009	95%	24.237, 24	CP-080491	Huawei	.com)	laurice	25/11/2008	CT#42 Rel-8 extension to 03/	
279	**370078**	**Security Enhancements for IMS**	**Rel-8**	**S3,C1,C4**	**No**	**IMS-Sec**	**19/09/2006**	**06/03/2009**	**73%**		**SP-070496**	**Ericsson**	**ahlin**	**onisio**	**19/11/2007**	**SA#36 WID approved**	
280	360017	**Stage 2 for IMS-Sec**	Rel-8	S3	No	IMS-Sec	01/03/2007	11/12/2008	100%	33.203, 33	SP-070496	Ericsson	ahlin	ionisio	04/12/2008	SA#42 completed. SA#39 SA	
281	390054	**CT1 part of Stage 3 for IMS-Sec**	Rel-8	C1	No	IMS-Sec	19/09/2006	05/12/2008	100%			Ericsson		rederic	04/12/2008	CT#42 completed. SA#39 SA	
282	390154	**CT4 part of Stage 3 for IMS-Sec**	Rel-8	C4	No	IMS-Sec	07/06/2007	06/03/2009	0%			Ericsson		rederic	04/12/2008	CT#42 Rel-8 extension to 03/	
283	380012	**CT1 part of NASS Bundled Authentication**	Rel-8	C1	No	NBA	14/11/2007	06/03/2009	90%	24.229	CP-070781	Alcatel-Lucent	t.com	rederic	25/11/2008	CT#42 Rel-8 extension to 03/	
284	380013	**CT4 part of NASS Bundled Authentication**	Rel-8	C4	No	NBA-CT4	14/11/2007	30/05/2008	100%	29.229, 29	CP-070781	Alcatel-Lucent		Kimmo	14/05/2008	CT#40 completed	
285	34046	**IMS initiated and controlled PSS and MBMS Us**	Rel-8	S4,S3	No	IMS_PSS_MBI	12/03/2008	12/03/2009	80%	26.237, 26	SP-080201	FT, Ericsson	n.com	Paolo	21/11/2008	SA#42 Rel-8 extension to 03/	
286	**713024**	**Multimedia interworking between IMS and CS r**	**Rel-8**	**C3,C4**	**No**	**MIW-IMS**	**23/09/2005**	**05/12/2008**	**99%**		**CP-070729**	**Vodafone**	**.com**	**Gwiho**	**22/03/2008**		
287	7013	**Note: Stages 1 and 2 defined in earlier Release**	Rel-8	S2	No	MIW-IMS	23/09/2005	30/11/2005	100%			Vodafone	e.com	laurice	27/05/2008	SA#31 Moved from FS sectio	
288	7014	**Stage 3 of MW-IMS**	Rel-8	C3	No	MIW-IMS-St3	23/09/2005	30/11/2007	100%	29.863, 29	CP-070096	Vodafone	e.com	Gwiho	05/08/2008	Moved from R7 WP because	
289	380021	**Stage 3 for MW-IMS, MONA extension**	Rel-8	C3	No	MIW-IMS	05/11/2007	05/12/2008	100%	29.863, 29	CP-070729	Vodafone	n.com	Gwiho	01/09/2008	CT#42 completed	
290	380022	**Mn interface (MGCF – IM MGW)**	Rel-8	C4	No	MIW-IMS	21/11/2007	05/12/2008	100%	29.332	CP-070729	Vodafone	n.com	Kimmo	22/11/2008	CT#42 completed	
291	360029	**IMS Stage 3 IETF Protocol Alignment**	Rel-8	C1	No	IMSProtoc2	22/06/2007	06/03/2009	95%	23.218, 24	CP-080794	Alcatel-Lucent	t.com	rederic	04/12/2008	CT#42 Rel-8 extension to 03/	
292	**380014**	**Interworking between User-to-User Signalling (**	**Rel-8**	**C1,C3**	**No**	**UUSIW**	**30/11/2007**	**12/12/2008**	**80%**		**CP-070782**	**Huawei**	**com)**	**Kimmo**	**02/07/2008**		
293	380015	**Stage 3 MGCF UUSIW**	Rel-8	C1	No	UUSIW	30/11/2007	05/12/2008	100%	24.279, 24	CP-070782	Huawei	.com)	rederic	21/11/2008	CT#42 completed	
294	380016	**Stage 3 MGCF UUSIW**	Rel-8	C3	No	UUSIW	30/11/2007	12/12/2008	60%	29.163	CP-070782	Huawei	.com)	Gwiho	21/11/2008	Depending on IETF draft	
295	**380018**	**Support of Overlap signalling**	**Rel-8**	**C3,C1,C4**	**No**	**Overlap**	**30/11/2007**	**06/03/2009**	**70%**		**CP-070731**	**tsche Telekom**	**m.de**	**Gwiho**	**30/05/2008**	**CT#42 Rel-8 extension to 0**	
296	380019	**Stage 3 Overlap (CT1)**	Rel-8	C1	No	Overlap	30/11/2007	05/12/2008	60%	24.229	CP-070731	utsche Telekom	m.de	rederic	25/11/2008	CT#42 Rel-8 extension to 03/	
297	380020	**Stage 3 Overlap (CT3)**	Rel-8	C3	No	Overlap	30/11/2007	06/03/2009	55%	29.163	CP-070731	utsche Telekom	m.de	Gwiho	25/11/2008	CT#42 Rel-8 extension to 03/	
298	380120	**Stage 3 Overlap (CT4)**	Rel-8	C4	No	Overlap	30/11/2007	05/12/2008	100%	29.228, 29	CP-070731	utsche Telekom	m.de	Gwiho	22/11/2008	CT#42 completed	
299	380035	**AS/MRFC Stage 2 and 3**	Rel-8	C1	No	MRFC_TS	14/11/2007	05/12/2008	100%	23.218, 24	CP-070784	HP	.com	rederic	21/11/2008	Triggered by Study UID_704	
300	**400012**	**IMS Restoration Procedures**	**Rel-8**	**C4,C1**	**No**	**IMS_RP**	**30/05/2008**	**06/03/2009**	**48%**		**CP-080447**	**Ericsson**	**.com**	**Kimmo**	**30/05/2008**	**CT#42 Rel-8 extension to 0**	
301	400026	**IMS Restoration Procedures**	Rel-8	C4	No	IMS_RP	30/05/2008	06/03/2009	95%	23.380, 29	CP-080447	Ericsson	n.com	Kimmo	25/11/2008	CT#42 Rel-8 extension to 03/	
302	400027	**IMS Restoration Procedures**	Rel-8	C1	No	IMS_RP	30/05/2008	06/03/2009	0%	24.229	CP-080447	Ericsson	n.com	rederic	25/11/2008	CT#42 Rel-8 extension to 03/	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
303	410003	IMS Application Server Service Data Descriptio	Rel-8	C4	No	IMS_ASIO	12/09/2008	06/03/2009	90%	29.328, 29	CP-080451	Alcatel-Lucent	t.com	Kimmo	04/12/2008	CT#42 Rel-8 extension to 03/	
304	**410008**	**IMS – Interconnection Border Control Functior**	**Rel-8**	**C4,C3**	**No**	**IMS_IBCF**	**12/09/2008**	**06/03/2009**	**33%**		**CP-080746**	**Alcatel-Lucent**	**ent.fr**	**Kimmo**	**04/12/2008**	**CT#42 Rel-8 extension to 0:**	
305	410108	CT4 part of IMS_IBCF	Rel-8	C4	No	IMS_IBCF	12/09/2008	06/03/2009	20%	29.238	CP-080746	Alcatel-Lucent	ent.fr	Kimmo	04/12/2008	CT#42 Rel-8 extension to 03/	
306	410208	CT3 part of IMS_IBCF	Rel-8	C3	No	IMS_IBCF	12/09/2008	06/03/2009	50%	29.162, 29	CP-080746	Alcatel-Lucent	ent.fr	Kimmo	04/12/2008	CT#42 Rel-8 extension to 03/	
307	410009	IMS Application Level Gateway Control Functic	Rel-8	C4	No	IMS_AGCF	12/09/2008	06/03/2009	10%	23.334. 29	CP-080723	Alcatel-Lucent	ent.fr	Kimmo	25/11/2008	CT#42 Rel-8 extension to 03/	
308	**340030**	**I-WLAN Network Selection Principle (NSP)**	**Rel-8**	**S1,C1,C6**	**No**	**IWLANNSP**	**14/06/2007**	**11/12/2008**	**98%**		**SP-060932**	**Telefonica O2**	**.com**	**Alain**	**25/09/2007**	**SA#36 Stage 1 completed**	
309	390024	Stage 1 for I-WLAN NSP	Rel-8	S1	No	IWLANNSP	14/06/2007	14/06/2007	100%	22.234	SP-060932	Telefonica O2	?.com	Alain	25/03/2008	SA#36 completed	
310	390025	Stage 3 for I-WLAN NSP	Rel-8	C1	No	IWLANNSP	07/03/2008	05/12/2008	96%	24.234	CP-080217	RIM	.com)	rederic	21/11/2008	08/08 az split CT1 from CT6 p	
311	390125	Stage 3 for I-WLAN NSP	Rel-8	C6	No	IWLANNSP	07/03/2008	11/12/2008	100%	31.102, 31	CP-080217	RIM	.com)	rederic	24/11/2008	CT#42 completed	
312	**370049**	**Mobility between 3GPP-WLAN Interworking an**	**Rel-8**	**S2,C1**	**No**	**IWLAN_Mob**	**14/09/2007**	**05/12/2008**	**99%**		**SP-070701**	**Orange**	**.com**	**aurice**	**27/05/2008**	**SA#40 Stage 2 completed. (**	
313	380045	Stage 2: I-WLAN Mobility	Rel-8	S2	No	IWLAN_Mob	14/09/2007	05/06/2008	100%	23.327	SP-070701	Orange	).com	laurice	27/05/2008	SA#40 completed	
314	400013	CT1 aspects of I-WLAN Mobility	Rel-8	C1	No	IWLAN_Mob	30/05/2008	05/12/2008	98%	24.327, 24	CP-080320	Orange	).com	rederic	27/10/2008	CT#40 WID approved	
315	**7042**	**Enhancements for VGCS Applications (EVA)**	**Rel-8**	**C1,C4,G2**	**No**	**EVA**	**15/03/2006**	**05/12/2008**	**98%**		**SP-070904**	**Nortel**	**.com**	**Alain**	**16/05/2008**	**Stage 1/2 completed**	
316	320021	SA1 aspects of EVA	Rel-8	S1	No	EVA-s1	15/03/2006	06/12/2006	100%	42.068	SP-070904	Nortel	l.com	Alain	16/05/2008	SA#38 completed	
317	370019	VGCS/VBS and GPRS Interactions	Rel-8	S1	No	EVA	03/09/2007	21/03/2008	100%	42.068, 42	SP-070653	Huawei	ng Liu	Alain	16/05/2008	SA#39 completed	
318	320019	CT1 aspects of EVA	Rel-8	C1	No	EVA	02/06/2006	05/12/2008	95%	43.068, 44	CP-060260	Nortel	l.com	rederic	01/09/2008		
319	320020	CT4 aspects of EVA	Rel-8	C4	No	EVA	02/06/2006	30/11/2007	100%	29.002	CP-060260	Nortel		Kimmo	16/05/2008	CT#38 completed	
320	52148	GERAN2 aspects of EVA	Rel-8	G2	No	EVA-EVGCSA	30/06/2006	22/02/2008	100%	44.018, 48	GP-071855	Nortel	l.com	Girt	16/05/2008	GP#37 completed	
321	**31081**	**Personal Network Management**	**Rel-8**	**C1,C4,S3**	**No**	**PNM**	**11/07/2005**	**05/12/2008**	**99%**		**SP-080327**	**Vodafone**	**.com**	**Alain**	**04/06/2008**	**Feb 06 moved FS=>Feature**	
322	7012	Stage 1 for PNM	Rel-8	S1	No	PNM	11/07/2005	31/07/2006	100%	22.259	SP-080327	Vodafone	e.com	Alain	04/06/2008	SA#31 completed. SA#40 WI	
323	350050	Stage 2 for PNM	Rel-8	C1	No	PNM	26/03/2007	05/12/2008	100%	23.259	CP-080065	Vodafone	e.com	rederic	21/11/2008	CT#42 completed	
324	**350041**	**Stage 3 for PNM**	**Rel-8**	**C1,C4**	**No**	**PNM**	**26/03/2007**	**05/12/2008**	**99%**		CP-080065	**Vodafone**	**.com**	**ederic**	**19/11/2007**	**Moved from FS section Feb**	
325	350001	CT1 aspects of Stage 3 PNM	Rel-8	C1	No	PNM	26/03/2007	05/12/2008	98%	24.259, 24	CP-080065	Vodafone	e.com	rederic	21/11/2008		
326	350002	CT4 aspects of Stage 3 PNM	Rel-8	C4	No	PNM	26/03/2007	05/12/2008	100%	23.008, 23	CP-080065	Vodafone	e.com	Kimmo	22/11/2008	CT#42 No impact to CT4 spe	
327	340010	Key establishment between a UICC hosting devic	Rel-7	S3	No	PNM	06/12/2006	30/10/2007	100%	33.259	SP-060839	Ericsson	).com	Michael	15/07/2008	07/08: Moved from Rel-7 to R	
328	*350049*	*Deleted - Actual Requirements of PNM*	*Rel-8*	*C1*	*No*	*PNM*	*26/03/2007*	*26/03/2007*	*100%*			*Ericsson*		*rederic*	*03/04/2008*	*SA#37 stopped*	*SP-37*
329	**330005**	**eCall Data Transfer**	**Rel-8**	**S1,C1**	**No**	**Edata**	**28/09/2006**	**06/03/2009**	**93%**		**SP-060678**	**Airbiquity**	**.com**	**Alain**	**25/03/2008**	**SA#39 completed. Linked t**	
330	370081	eData Requirements	Rel-8	S1	No	EData	28/09/2006	12/03/2008	100%	22.101, 22	SP-060678	Airbiquity	/.com	Alain	20/03/2008	SA4 to select a suitable in-ba	
331	400014	Transfer of data during an emergency call	Rel-8	C1	No	EData	30/05/2008	06/03/2009	80%	24.008	CP-080316	T-Mobile	)sohn	Kimmo	21/11/2008	CT#42 Rel-8 extension to 03/	
332	34042	eCall data transfer Phase 2: Comparison of alte	Rel-8	S4	No	eCall_Phase2	06/12/2007	24/09/2009	85%	26.967, 26	SP-070756	Airbiquity	/.com	Paolo	25/11/2008	SA#42 Rel-8 extension to 03/	
333	**380060**	**IP Interconnection of Services**	**Rel-8**	**S5,C3,C4**	**No**	**IPinterc**	**16/08/2006**	**06/03/2009**	**79%**		**SP-080565**	**Telefonica O2**	**.com**	**Alain**	**30/09/2008**	**CT#42 Rel-8 extension to 0:**	
334	380061	Stage 1 for IPinterc	Rel-8	S1	No	IPinterc	06/12/2007	12/03/2008	100%	22.101, 22	SP-080565	Telefonica O2	?.com	Alain	30/09/2008	SA#39 completed.	
335	**7005**	**System enhancements for interconnection interfa**	**Rel-8**	**S2,S5,C3**	**No**	**IMS_NNI**	**16/08/2006**	**06/03/2009**	**97%**		**SP-080554**	**Telecom Italia**	**lia.it)**	**aurice**	**13/07/2007**	**CT#42 Rel-8 extension to 0:**	
336	360024	Stage 2 for IMS_NNI	Rel-8	S2	No	IMS_NNI	22/06/2007	06/12/2007	100%	23.002, 23	SP-080554	Telecom Italia	alia.it)	laurice	27/05/2008	SA#38 completed. SA#41 WI	
337	360011	IMS inter-operator service interconnection int	Rel-8	C3	No	FBI2-IOPSI	01/06/2007	06/03/2009	95%	29.865, 29	CP-080578	Telecom Italia	alia.it	Gwiho	25/11/2008	CT#42 Rel-8 extension to 03/	
338	330011	Charging harmonization for NGN between 3G	Rel-8	S5	No	FBI2-TISP2-CH	28/09/2006	07/12/2006	100%	32.297	SP-060545	Amdocs	Vishai	ionisio	03/03/2008	SA#34 completed	
339	*7007*	*Deleted - Protocol impact of FBI for TISPAN R2*	*Rel-8*	*C1*	*No*	*FBI2-TISP2-c1*	*16/08/2006*	*15/03/2007*	*100%*			*Ericsson*		*rederic*	*03/04/2008*	*SA#38 stopped*	*SP-38*
340	*7006*	*Deleted (never approved) - Stage 2 of FBI for TISPAN R2 -*	*Rel-8*	*S2*	*No*	*FBI2-TISP2-s2*	*30/11/2007*	*30/11/2007*	*100%*			*mens Networks*		*laurice*	*03/04/2008*	*SA#36 stopped*	*SP-36*
341	**400008**	**CS-IBCF and CS-TrGW definition in 3GPP specifi**	**Rel-8**	**C3,C4**	**No**	**CS-IBCF**	**30/05/2008**	**06/03/2009**	**40%**		**CP-080577**	**Telecom Italia**	**alia.it**	**Kimmo**	**25/11/2008**	**CT#42 Rel-8 extension to 0:**	
342	400109	CT3 aspects CS-IBCF	Rel-8	C3	No	CS-IBCF	30/05/2008	06/03/2009	70%	29.235	CP-080577	Telecom Italia	alia.it	Kimmo	25/11/2008	CT#42 Rel-8 extension to 03/	
343	400010	CT4 aspects CS-IBCF	Rel-8	C4	No	CS-IBCF	30/05/2008	06/03/2009	10%	29.238, 23	CP-080577	Telecom Italia	alia.it	Kimmo	25/11/2008	CT#42 Rel-8 extension to 03/	
344	**360025**	**Support of (G)MSC-S – (G)MSC-S Nc Interface**	**Rel-8**	**C4,C3**	**No**	**SIP_Nc**	**14/09/2007**	**06/03/2009**	**98%**		**CP-080282**	**Vodafone**	**.com**	**Kimmo**	**28/05/2008**	**Stage 1 in Feature UID_380**	
345	410002	Stage 1 for SIP_Nc (covered by Feature IPinterc)	Rel-8	S1	No	IPinterc	06/12/2007	12/03/2008	100%	22.101, 22	SP-070871	Telefonica O2	?.com	Alain	20/03/2008	22/07/08 Created. Stage 1 fo	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
346	360026	SIP-I based circuit-switched core network; Stage	Rel-8	C4	No	SIP_Nc-St2	14/09/2007	05/12/2008	100%	23.231, 23	CP-080282	Vodafone	e.com	Kimmo	22/11/2008	CT#42 completed	
347	360027	Application of SIP-I Protocols to Circuit Switched	Rel-8	C4	No	SIP_Nc-St3	14/09/2007	05/12/2008	100%	29.231, 29	CP-080282	Vodafone	e.com	Kimmo	22/11/2008	CT#42 completed	
348	360028	Interworking between the 3GPP CS domain with S	Rel-8	C3	No	SIP_Nc	14/09/2007	06/03/2009	95%	29.235, 23	CP-080282	emens Networks	n.com	Gwiho	27/10/2008	CT#42 target 12/08=>03/09	
349	**370051**	**Earthquake and Tsunami Warning System**	**Rel-8**	**S1,S2,C1**	**No**	**ETWS**	**10/09/2007**	**05/12/2008**	**100%**		**SP-070815**	**NTT DoCoMo**	**co.jp**	**Alain**	**19/11/2007**	**CT#42 completed. SA#38 W**	
350	370052	Stage 1 for ETWS	Rel-8	S1	No	ETWS	10/09/2007	12/03/2008	100%	22.168	SP-070815	NTT DoCoMo	.co.jp	Alain	20/03/2008	SA#39 completed	
351	380056	SA2 aspects of ETWS	Rel-8	S2	No	ETWS	14/01/2008	18/09/2008	100%	23.828, 23	SP-070815	NTT DoCoMo	.co.jp	laurice	14/09/2008	SA#41 completed . SA#40 ex	
352	400015	CT1 aspects of ETWS	Rel-8	C1	No	ETWS	30/05/2008	05/12/2008	100%	23.041	CP-080951	NTT DoCoMo	.co.jp	Kimmo	21/11/2008	CT#42 completed. WID updat	
353	410021	CT4 aspects of ETWS	Rel-8	C4	No	ETWS	26/09/2008	05/12/2008	100%	29.168	CP-080951	NTT DoCoMo	.co.jp	Kimmo	05/12/2008	CT#42 completed. WID updat	
354	**380059**	**Storage and easy access of In Case of Emerge**	**Rel-8**	**S1,C6**	**No**	**ICE**	**13/03/2007**	**06/03/2009**	**97%**		**SP-070944**	**Vodafone**	**.com**	**Alain**	**11/09/2008**	**SA#39 Stage 1 completed. (**	
355	380159	Stage 1 for ICE	Rel-8	S1	No	ICE	13/03/2007	12/03/2008	100%	22.030, 22	SP-070944	Vodafone	e.com	Alain	17/06/2008	SA#39 Stage 1 completed	
356	380259	CT6 aspects of ICE	Rel-8	C6	No	ICE	13/03/2007	06/03/2009	95%	31.102	SP-070944	Vodafone	e.com	Alain	04/12/2008	CT#42 Rel-8 extension to 03/	
357	330006	**Local Charging Zone Requirements**	Rel-8	S1	No	LCZR	28/09/2006	12/03/2008	100%	22.115	SP-060482	China Mobile	e.com	Alain	25/03/2008	SA#39 Stage 1 completed	
358	**340029**	**Customized Alerting Tone (CAT) Service**	**Rel-8**	**C1,C3,C4**	**No**	**CAT**	**06/12/2006**	**06/03/2009**	**79%**		**SP-070122**	**China Mobile**	**.com**	**Alain**	**10/09/2008**	**Conflict 3GPP vs. 3GPP2 IM**	
359	370028	Stage 1 for CAT	Rel-8	S1	No	CAT	06/12/2006	20/09/2007	100%	22.182	SP-070122	China Mobile	e.com	Alain	10/09/2008		
360	370029	TISPAN requirements for customized multimedia	Rel-8	S1	No	TISCMI	03/09/2007	10/12/2007	100%	22.182	SP-070880	China Mobile	jjuan	Alain	24/07/2008	SA#38 completed	
361	390014	IMS CAT Supplementary Service	Rel-8	C1	No	CAT-SS	21/04/2008	05/12/2008	100%	24.182	CP-080496	Nortel	l.com	rederic	21/11/2008	CT#42 completed. CT#41 WI	
362	390071	CAT solution for voice and video call in CS doma	Rel-8	C3	No	CAT-SS	12/03/2008	05/12/2008	10%	29.163	CP-080496	Nortel	l.com	Gwiho	27/10/2008	CT#41 WID updated CP-080(	
363	410010	CAT Service in 3GPP CS domain	Rel-8	C4	No	CAT-3G_CS	12/09/2008	06/03/2009	95%	23.205, 23	CP-080445	China Mobile	e.com		25/11/2008	CT#42 Rel-8 extension to 03/	
364	410015	CAT Service in 3GPP CS domain	Rel-8	C1	No	CAT-3G_CS	12/09/2008	05/12/2008	100%	24.008, 23	CP-080445	China Mobile	e.com		21/11/2008	Triggered by Study UID_3600	
365	**340031**	**Service-Level Interworking for Messaging Serv**	**Rel-8**	**S2,C3,C1**	**No**	**MESSIW**	**26/03/2007**	**05/12/2008**	**99%**		**SP-070816**	**Huawei**	**.com**	**Alain**	**22/03/2008**	**SA#39 Stage 2 completed. (**	
366	350047	Stage 1 for MESSIW	Rel-8	S1	No	MESSIW	26/03/2007	26/03/2007	100%	22.105, 22	SP-070816	Huawei	i.com	Alain	22/03/2008	SA#35 completed	
367	350048	Stage 2 for MESSIW	Rel-8	S2	No	MESSIW	26/04/2007	07/03/2008	100%	23.811, 23	SP-070816	Huawei	i.com	laurice	22/03/2008	SA#39 completed	
368	400016	Stage 3 for MESSIW	Rel-8	C3	No	MESSIW	30/05/2008	05/12/2008	98%	29.311	CP-080773	Huawei	i.com	Gwiho	04/12/2008	CT#42 WID updated CP-080	
369	400017	Stage 3 for MESSIW	Rel-8	C1	No	MESSIW	30/05/2008	05/12/2008	100%	24.229	CP-080773	Huawei	i.com	rederic	05/12/2008	CT#42 completed. WID updat	
370	**340044**	**Multimedia Priority Service**	**Rel-8**	**C1,C3,C4**	**No**	**PRIOR**	**08/06/2006**	**06/03/2009**	**44%**		**SP-060780**	**Telcordia**	**.com**	**Alain**	**03/06/2008**	**SA#38 Stage 1 completed. I**	
371	320023	Service Requirements for PRIOR	Rel-8	S1	No	PRIOR-EMR	08/06/2006	06/12/2007	100%	22.153	SP-060780	Telcordia	a.com	Alain	03/06/2008	SA#38 completed	
372	340012	Stage 3 for PRIOR	Rel-8	C1	No	PRIOR	01/12/2006	06/03/2009	50%	24.229	CP-070576	Alcatel-Lucent	t.com	rederic	25/11/2008	CT#42 Rel-8 extension to 03/	
373	370020	Stage 3 for PRIOR	Rel-8	C3	No	PRIOR	21/09/2007	05/12/2008	0%	29.212, 29	CP-070576	Alcatel-Lucent	t.com	Gwiho	14/05/2008		
374	370021	Stage 3 for PRIOR	Rel-8	C4	No	PRIOR	21/09/2007	05/12/2008	5%	23.008, 29	CP-070576	Alcatel-Lucent	t.com	Kimmo	17/09/2008		
375	**360010**	**OSA Rel-8**	**Rel-8**	**S1,C5**	**No**	**OSA8**	**23/08/2007**	**30/05/2008**	**100%**		**SP-070692**	**Orange**	**Dong**	**Alain**	**16/05/2008**	**TSG#40 completed. New OS**	
376	360004	OSA Stage 1 - Service Requirements	Rel-8	S1	No	OSA8	23/08/2007	12/03/2008	100%	22.127		range, AePONA	Dong	Alain	16/05/2008	TSG#40 New OSA work in OI	
377	370034	OSA Stage 1 - NGN Service Requirement	Rel-8	S1	No	OSA8-IMS	03/09/2007	14/03/2008	100%	22.127	SP-070692	Orange	Dong	Alain	16/05/2008	TSG#40 New OSA work in OI	
378	**360005**	**OSA Stage 2/3 enhancements**	**Rel-8**	**C5**	**No**	**OSA8**	**25/10/2007**	**30/05/2008**	**100%**	**23.198, 29**	**CP-080429**	**Orange**	**.com**	**Gwiho**	**30/05/2008**	**CT#40 WID updated CP-070**	
379	370012	*Delete - Ensure Parlay-X composable with identity managen*	*Rel-8*	*C5*	No	*OSA8*	*25/10/2007*	*30/05/2008*	*100%*	*existing 29*	*CP-080429*	*t, Telecom Italia*	*.com*	*Gwiho*	*30/05/2008*	*CT#40: Work moved to OMA*	*CP-40*
380	370013	Parlay-X Content Management web service (store/manage	Rel-8	C5	No	OSA8	25/10/2007	30/05/2008	100%	29.199-21	CP-080429	ETRI	re.kr)	Gwiho	30/05/2008	CT#40 completed	
381	370014	Parlay-X Policy web service	Rel-8	C5	No	OSA8	25/10/2007	30/05/2008	100%	29.199-22	CP-080429	ETRI	re.kr)	Gwiho	30/05/2008	CT#40 completed	
382	370015	Parlay-X Terminal status web service	Rel-8	C5	No	OSA8	25/10/2007	30/05/2008	100%	29.199-08	CP-080429	Orange	n.com	Gwiho	30/05/2008	CT#40 completed	
383	370016	*Delete - Identify communication format used by a particular*	*Rel-8*	*C5*	No	*OSA8*	*25/10/2007*	*30/05/2008*	*100%*	*existing 29*	*CP-080429*	*Ericsson*	*.com*	*Gwiho*	*30/05/2008*	*CT#40: Work moved to OMA*	*CP-40*
384	380047	*Delete - Security on User Profile Management - reuse GUP*	*Rel-8*	*C5*	No	*OSA8*	*05/12/2007*	*30/05/2008*	*100%*	*PXWS Fra*	*CP-080429*	*Telecom Italia*	*alia.it*	*Gwiho*	*30/05/2008*	*SA#38 SP-070853 R8 CRs 2.*	*CP-40*
385	380048	*Delete - Privacy on Subscriber Identity (Liberty Alliance, OA*	*Rel-8*	*C5*	No	*OSA8*	*05/12/2007*	*30/05/2008*	*100%*	*PXWS Fra*	*CP-080429*	*Telecom Italia*	*alia.it*	*Gwiho*	*30/05/2008*	*SA#38 SP-070853 R8 CRs 2.*	*CP-40*
386	380049	*Delete - Topology Hiding (22.127 CR 0086 S1-071838)*	*Rel-8*	*C5*	No	*OSA8*	*05/12/2007*	*30/05/2008*	*100%*	*PXWS Fra*	*CP-080429*	*Telecom Italia*	*alia.it*	*Gwiho*	*30/05/2008*	*SA#38 SP-070853 R8 CRs 2.*	*CP-40*
387	380050	*Delete - Subscriber event notification (22.127 CR 0087 S1-0*	*Rel-8*	*C5*	No	*OSA8*	*05/12/2007*	*30/05/2008*	*100%*	*PXWS Fra*	*CP-080429*	*Telecom Italia*	*alia.it*	*Gwiho*	*30/05/2008*	*SA#38 SP-070853 R8 CRs 2.*	*CP-40*
388	380051	*Delete - Event notification (22.127 CR 0088 S1-071762)*	*Rel-8*	*C5*	No	*OSA8*	*05/12/2007*	*30/05/2008*	*100%*	*PXWS Fra*	*CP-080429*	*Telecom Italia*	*alia.it*	*Gwiho*	*30/05/2008*	*SA#38 SP-070853 R8 CRs 2.*	*CP-40*

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
389	380052	*Delete - Access policy (22.127 CR 0089 S1-071763)*	*Rel-8*	*C5*	No	*OSA8*	*05/12/2007*	*30/05/2008*	*100%*	*PXWS Fra*	*CP-080429*	*Telecom Italia*	*alia.it*	*Gwiho*	*30/05/2008*	*SA#38 SP-070853 R8 CRs 2.*	*CP-40*
390	380053	*Delete - API usage accounting (22.127 CR 0090 S1-071792*	*Rel-8*	*C5*	No	*OSA8*	*05/12/2007*	*30/05/2008*	*100%*	*PXWS Fra*	*CP-080429*	*Telecom Italia*	*alia.it*	*Gwiho*	*30/05/2008*	*SA#38 SP-070853 R8 CRs 2.*	*CP-40*
391	380054	Presence alignment with OMA and IETF (22.127 CR 0092 S	Rel-8	C5	No	OSA8	05/12/2007	30/05/2008	100%	29.199-14/	CP-080429	Ericsson	ı.com	Gwiho	30/05/2008	CT#40 completed	
392	380055	*Delete - Service identification (22.127 CR 0095 S1-071837)*	*Rel-8*	*C5*	No	*OSA8*	*05/12/2007*	*30/05/2008*	*100%*	*existing 29*	*CP-080429*	*Ericsson*	*.com*	*Gwiho*	*30/05/2008*	*SA#38 SP-070853 R8 CRs 2.*	*CP-40*
393	390067	Framework Enterprise Operator (Service Subscription functi	Rel-8	C5	No	OSA8	10/01/2008	30/05/2008	100%	29.198-03	CP-080429	AePONA	ı.com	Gwiho	30/05/2008	CT#40 completed	
394	390068	Mobility Emergency Location	Rel-8	C5	No	OSA8	10/01/2008	30/05/2008	100%	29.198-06	CP-080429	AePONA	ı.com	Gwiho	30/05/2008	CT#40 completed	
395	390069	Connectivity Manager SCF	Rel-8	C5	No	OSA8	10/01/2008	30/05/2008	100%	29.198-10	CP-080429	AePONA	ı.com	Gwiho	30/05/2008	CT#40 completed	
396	390070	PAM Presence Agent	Rel-8	C5	No	OSA8	10/01/2008	30/05/2008	100%	29.198-14	CP-080429	AePONA	ı.com	Gwiho	30/05/2008	CT#40 completed	
397	**360032**	**Paging Permission with Access Control (PPAC**	**Rel-8**	**S1,C1**	**No**	**PPACR**	**12/06/2007**	**05/12/2008**	**99%**		**SP-070501**	**NTT DoCoMo**	**kashi**	**Alain**	**30/07/2008**	**Triggered by Study UID_33**	
398	370084	**Stage 1 for PPACR**	Rel-8	S1	No	PPACR-S1	12/06/2007	14/09/2007	100%	22.011	SP-070501	NTT DoCoMo	kashi	Alain	16/05/2008	SA#37 completed	
399	380017	**Stage 3 for PPACR (CT1)**	Rel-8	C1	No	PPACR-CT1	14/11/2007	05/12/2008	100%	24.008, 23	CP-070783	NTT DoCoMo		rederic	21/11/2008	CT#42 completed	
400	**370026**	**Value-Added Services for Short Message Servi**	**Rel-8**	**S1,C4,C1**	**No**	**VAS4SMS**	**10/09/2007**	**06/03/2009**	**38%**		**SP-070572**	**China Mobile**	**com)**	**Alain**	**20/03/2008**	**CT#42 Rel-8 extension to 0**	
401	370126	**Stage 1 for VAS4SMS**	Rel-8	S1	No	VAS4SMS	10/09/2007	12/03/2008	100%	22.142	SP-070572	China Mobile	.com)	Alain	24/07/2008	SA#39 completed	
402	410011	**VAS4SMS Interface and Signalling Flow**	Rel-8	C4	No	VAS4SMS	12/09/2008	06/03/2009	10%	29.002, 23	CP-080721	China Mobile	.com)		04/12/2008	CT#42 Rel-8 extension to 03/	
403	410014	**VAS4SMS Interface and Signalling Flow**	Rel-8	C1	No	VAS4SMS	08/09/2008	06/03/2009	0%	23.040	CP-080721	China Mobile	.com)		04/12/2008	CT#42 Rel-8 extension to 03/	
404	**380063**	**Charging for multi-phases services**	**Rel-8**	**S1**	**No**	**CHRGMPH**	**06/12/2007**	**12/03/2008**	**100%**	**22.115**	**SP-080053**	**Telecom Italia**	**alia.it**	**Alain**	**20/03/2008**	**SA#39 completed**	
405	380070	**Stage 1 for CHRGMPH**	Rel-8	S1	No	CHRGMPH-s1	06/12/2007	12/03/2008	100%	22.115	SP-080053	Telecom Italia	alia.it	Alain	20/03/2008	SA#39 completed	
406	**380065**	**Home NodeB / eNodeB**	**Rel-8**	**S1,C1**	**No**	**HomeNB**	**06/12/2007**	**06/03/2009**	**78%**		**SP-070952**	**Vodafone**	**atson**	**Alain**	**24/07/2008**	**SA#39 Stage 1 completed**	
407	380066	**Stage 1 for HNB_eHNB**	Rel-8	S1	No	HomeNB-S1	06/12/2007	12/03/2008	100%	22.011, 22	SP-070952	Vodafone	atson	Alain	24/07/2008	SA#39 completed	
408	410012	**CSG and Idle Mode Mobility for LTE Home eNode**	Rel-8	C1	No	HomeNB-LTE	12/09/2008	06/03/2009	70%	23.122 24.	CP-080498	Huawei	Peng	rederic	25/11/2008	CT#42 Rel-8 extension to 03/	
409	410013	**CSG and Idle Mode Mobility for 3G Home NodeB**	Rel-8	C1	No	HomeNB-3G	12/09/2008	06/03/2009	70%	23.122, 24	CP-080792	Qualcomm	Song	rederic	04/12/2008	CT#42 Rel-8 extension to 03/	
410	420019	**Support of Closed Subscriber Group (CSG)**	Rel-8	C4	No	HomeNB	05/12/2008	06/03/2009	85%	29.002, 29	CP-080967	CT#42	T#42	Kimmo	05/12/2008	CT#42 Rel-8 extension to 03/	
411	**390033**	**UTRA HNB**	**Rel-8**	**R2,R4,R3**	**No**	**HNB**	**07/03/2008**	**12/03/2009**	**80%**		**ot applicable**			**ergen**	**03/06/2008**		
412	400053	**Support of UTRA HNB**	Rel-8	R2	No	HNB-supp	30/05/2008	06/03/2009	80%	25.304, 25	RP-080752	Huawei	i.com	Joern	26/11/2008	SR in RP-081041. RP#42 Re	
413	390034	**FDD Home NodeB RF requirements**	Rel-8	R4	No	HNB-RF	07/03/2008	06/03/2009	90%	25.104, 25	RP-080971	Motorola	ı.com	tefania	08/12/2008	SR in RP-080816. RP#42 Re	
414	400054	**UTRAN Architecture for 3G HNB**	Rel-8	R3	No	HNB-arch	30/05/2008	05/12/2008	100%	25.401, 25	RP-080487	Alcatel-Lucent	.com)	uergen	04/12/2008	SR in RP-081073. RP#42 cor	
415	420037	**3G Home NodeB OAM&P (Interface Type 1 Manag**	Rel-8	S5	No	HNB-3G_OAM	11/12/2008	12/03/2009	0%	32.xx1, 32	SP-080708	n@huawei.com)	uawei	ionisio	NA	SA#42 Rel-8 extension to 03/	
416	**38001**	**Support for Additional Navigation Satellite Sys**	**Rel-8**	**G2**	**No**	**ANSS**	**16/05/2008**	**11/12/2008**	**100%**	**43.059, 44**	**GP-081784**	**Qualcomm**	**anda**	**Paolo**	**03/12/2008**	**GP#40 completed. Align wi**	
417	420038	**Stage 1 for ANSS for LCS**	Rel-8	S1	No	ANSS	11/12/2008	11/12/2008	100%	22.071	not applicable			Alain	NA	SA#42 completed by 22.071 (	
418	38101	**Support for Additional Navigation Satellite Syster**	Rel-8	G2	No	ANSS	16/05/2008	21/11/2008	100%	43.059, 44	GP-081784	Qualcomm	anda	Paolo	03/12/2008	GP#40 completed. Align with	
419	400051	**Support for Additional Navigation Satellite Syster**	Rel-8	R2	No	RANimp-ANSS	30/05/2008	05/12/2008	100%	25.305, 25	RP-080346	Qualcomm	.com)	Joern	04/12/2008	SR in RP-080813. RP#42 WI	
420	**38002**	**A-GNSS Performances and Testing Procedures**	**Rel-8**	**GP**	**No**	**AGNSSPTP**	**16/05/2008**	**04/09/2009**	**9%**		**GP-081785**	**Thales**	**.com**	**Paolo**	**22/11/2008**	**GP#40 Completion target 0**	
421	38003	**A-GNSS Minimum Performances**	Rel-8	G1	No	AGNSSPTP- F	16/05/2008	15/05/2009	20%	45.005	GP-081786	Thales	.com	Paolo	22/11/2008	GP#40 WID updated GP-080	
422	38004	**A-GNSS Testing Procedures**	Rel-8	G3new	No	AGNSSPTP-M	16/05/2008	04/09/2009	0%	51.010-1	GP-081787	Thales	.com	Paolo	22/11/2008	GP#40 WID updated GP-080	
423	350015	**Lawful Interception in the 3GPP Rel-8**	Rel-8	S3	No	LI8	12/03/2007	12/03/2009	60%	33.106, 33	SP-070238	BMWi, Verizon	n.net	ionisio	02/12/2008	SA#42 extension 12/08=>03/	
424	**390046**	**Generic Bootstrapping Architecture Push Func**	**Rel-8**	**S3,C1,C4**	**No**	**GBAPush**	**12/03/2008**	**29/05/2009**	**40%**		**SP-080133**	**Ericsson**	**Blom**	**onisio**	**02/12/2008**	**CT#42 Rel-8 extension to 0**	
425	390146	**SA3 part of GBAPush**	Rel-8	S3	No	GBAPush	12/03/2008	05/12/2008	100%	33.223	SP-080133	Ericsson	Blom	ionisio	02/12/2008	SA#42 completed 33.223 as I	
426	420039	**SA3 GBAPush enhancement**	Rel-9	S3	No	GBAPush	12/03/2008	29/05/2009	40%	33.224	SP-080133	Ericsson	Blom	ionisio	02/12/2008	SA#42 33.224 moved to Rel-	
427	390246	**CT1 part of GBAPush**	Rel-8	C1	No	GBAPush	12/03/2008	05/12/2008	0%	24.109	SP-080133	Ericsson	Blom	ionisio	04/12/2008	CT#42 Rel-8 extension to 03/	
428	390346	**CT4 part of GBAPush**	Rel-8	C4	No	GBAPush	12/03/2008	06/03/2009	0%	29.109	SP-080133	Ericsson	Blom	ionisio	25/11/2008	CT#42 Rel-8 extension to 03/	
429	34045	**Requirements and Test methods for Wideband**	Rel-8	S4	No	RETEM_WB_T	12/03/2008	11/12/2008	100%	26.131, 26	SP-080004	FT, Ericsson	ı.com	Paolo	21/11/2008	SA#42 completed. SA#39 WI	
430	34043	**Extending PSS and MBMS User Services for op**	Rel-8	S4	No	PSS_MBMS_C	06/12/2007	11/12/2008	100%	26.234, 26	SP-070757	Ericsson	ı.com	Paolo	21/11/2008	SA#42 completed. SA#38 WI	
431	**400028**	**Encoding formats, transport formats and medi**	**Rel-8**	**C3,C1,C4**	**No**	**MTSI_eMHI**	**06/12/2007**	**12/03/2009**	**56%**		**SP-080443**	**on, Qualcomm**	**.com**	**Paolo**	**04/12/2008**	**TSG#42 Rel-8 extension to**	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
432	34041	**MTSI Video - Dynamic Rate Adaptation/Signalling**	Rel-8	S4	No	MTSI_eMHI-DI	06/12/2007	12/03/2009	50%	26.114	SP-080246	omm, Samsung	.com	Paolo	04/12/2008	SA#42 Rel-8 extension to 03/	
433	400018	**CT3 part of Enhancement of interworking betwee**	Rel-8	C3	No	MTSI_eMHI	30/05/2008	06/03/2009	90%	29.163	CP-080774	Huawei	.com)	Gwiho	04/12/2008	CT#42 Rel-8 extension to 03/	
434	400019	**CT1 part of Enhancement of interworking betwee**	Rel-8	C1	No	MTSI_eMHI	30/05/2008	12/12/2008	100%		CP-080774	Huawei	.com)	rederic	04/12/2008	CT#42 completed (No CT1-in	
435	400020	**CT4 part of Enhancement of interworking betwee**	Rel-8	C4	No	MTSI_eMHI	30/05/2008	06/03/2009	0%	29.332	CP-080774	Huawei	.com)	Kimmo	04/12/2008	CT#42 Rel-8 extension to 03/	
436	**340063**	**OAM&P 8**	**Rel-8**	**S5,C1**	**No**	**OAM8**	**07/06/2007**	**12/03/2009**	**95%**		**ot applicable**			**onisio**	**03/03/2008**		
437	**340064**	**Network Infrastructure Management**	**Rel-8**	**S5**	**No**	**OAM8-NIM**	**07/06/2007**	**12/03/2009**	**90%**		**ot applicable**			**onisio**	**26/06/2008**		
438	35051	Telecom Management Methodology	Rel-8	S5	No	OAM8	07/06/2007	12/03/2009	90%	32.155, 32	SP-070296	Ericsson	omas	ionisio	01/12/2008	SA#42 Rel-8 extension to 03/	
439	35053	Advanced Alarming on Itf-N	Rel-8	S5	No	OAM8	07/06/2007	12/06/2008	100%	32.121, 32	SP-070492	emens Networks	mens	ionisio	04/06/2008	SA#40 completed	
440	35056	CN CS Bearer Transport Network (BTN) relative NRM	Rel-8	S5	No	OAM8	07/06/2007	12/06/2008	100%	32.632/3/5	SP-070300	China Mobile	, Jian	ionisio	28/04/2008	SA#40 completed	
441	*370002*	*Deleted - End point modelling for reference point*	*Rel-8*	*S5*	No	*OAM8*	*17/09/2007*	*11/12/2008*	*100%*	*32.152, 32*	*SP-070618*	*Motorola*	*Yizhi*	ionisio	*31/08/2008*	*SA#41 Work stopped. Contrit*	*SP-41*
442	390016	Alignment with eTOM and M.3060 architectural concepts	Rel-8	S5	No	OAM8	22/02/2008	11/12/2008	100%	32.101/2, 3	SP-080068	TeliaSonera	mmy	ionisio	25/11/2008	SA#42 completed	
443	400030	IRP SOAP Solution Sets	Rel-8	S5	No	OAM8	05/06/2008	12/03/2009	40%	32.111-7, 3	SP-080276	Ericsson	.com	ionisio	01/12/2008	SA#42 Rel-8 extension to 03/	
444	**340065**	**Performance Management**	**Rel-8**	**S5**	**No**	**OAM8-PM**	**07/06/2007**	**11/12/2008**	**98%**		**ot applicable**			**onisio**	**26/06/2008**		
445	35061	IP bearer network Performance measurement definitions	Rel-8	S5	No	OAM8	07/06/2007	11/12/2008	100%	32.321/2/3	SP-070301	China Mobile	.com	ionisio	26/06/2008	SA#42 completed. SA#36 WI	
446	360001	HSUPA performance measurements	Rel-8	S5	No	OAM8	07/06/2007	11/12/2008	100%	32.405	SP-070835	China Mobile	, Jian	ionisio	25/11/2008	SA#42 completed	
447	360002	Key Performance Indicators (KPIs) for UMTS and GSM	Rel-8	S5	No	OAM8	07/06/2007	11/12/2008	95%	32.410	SP-070299	China Mobile	jchun	ionisio	25/11/2008	SA#42 Rel-8 extension to 03/	
448	**340066**	**Trace Management**	**Rel-8**	**C1,C3,C4**	**No**	**OAM8-Trace**	**07/03/2008**	**05/12/2008**	**99%**		**ot applicable**			**onisio**	**26/06/2008**		
449	11067	Service Level Tracing in IMS	Rel-8	C1	No	OAM8-Trace	07/03/2008	05/12/2008	100%	24.323, 24	CP-080315	Vodafone	.com	rederic	21/11/2008	CT#42 completed. CT#40 WI	
450	400021	Service Level Tracing in IMS	Rel-8	C3	No	OAM8-Trace	07/03/2008	05/12/2008	100%		CP-080315	Vodafone	.com	rederic	05/12/2008	CT#42 completed (No CT3-in	
451	400022	Service Level Tracing in IMS	Rel-8	C4	No	OAM8-Trace	07/03/2008	05/12/2008	100%	29.228, 29	CP-080315	Vodafone	.com	rederic	24/11/2008	CT#42 completed. CT#40 WI	
452	**350016**	**Charging Management small Enhancements**	**Rel-8**	**S5**	**No**	**CH8**	**16/03/2006**	**11/12/2008**	**100%**		**ot applicable**			**onisio**	**03/03/2008**		
453	350038	**Online charging correlation**	Rel-8	S5	No	CH8	16/03/2006	14/12/2007	100%	32.296	SP-070077	Orange	Rony	ionisio	17/03/2008	SA#38 completed	
454	360003	**SMS online charging**	Rel-8	S5	No	CH8	07/06/2007	14/12/2007	100%	32.274, 32	SP-070293	Vodafone	Gavin	ionisio	17/03/2008	SA#38 completed	
455	*380046*	*Deleted - WLAN Offline Charging*	*Rel-8*	*S5*	No	*CH8*	*07/01/2008*	*11/12/2008*	*100%*	*32.252, 32*	*SP-070750*	*Alcatel-Lucent*	aryse	ionisio	*25/11/2008*	*SA#42 stopped*	*SP-42*
456	410045	**Introduce Online Charging from SMS-SC into the**	Rel-8	S5	No	CH8	18/09/2008	11/12/2008	100%	32.274, 32	SP-080463	Acision	.com]		25/11/2008	SA#42 completed. Linked to S	
457	**380024**	**Conferencing enhancements for Mp interface**	**Rel-8**	**C4**	**No**	**eMp**	**30/11/2007**	**05/12/2008**	**100%**		**CP-080725**	**Huawei**	**.com**	**Kimmo**	**04/12/2008**	**CT#42 completed. WID upd**	
458	380025	**Stage 2 for eMp**	Rel-8	C4	No	eMp	30/11/2007	05/12/2008	100%	23.333	CP-080725	Huawei	i.com	Kimmo	04/12/2008	CT#42 completed. WID updat	
459	380026	**Stage 3 for eMp**	Rel-8	C4	No	eMp	30/11/2007	05/12/2008	100%	29.333	CP-080725	Huawei	i.com	Kimmo	04/12/2008	CT#42 completed. WID updat	
460	**320014**	**Contact Manager for 3GPP UICC applications**	**Rel-8**	**C6**	**No**	**eUPHBOOK**	**22/06/2006**	**05/12/2008**	**100%**		**CP-080382**	**Gemalto**	**.com**	**Xavier**	**29/05/2008**	**aka Enhanced USIM phonel**	
461	320015	**Requirements for Contact Manager**	Rel-8	C6	No	eUPHBOOK-S	22/06/2006	21/12/2007	100%	21.111	CP-080382	Gemalto	.com	Xavier	29/05/2008	CT#38 completed	
462	350046	**External interface for eUPHBOOK**	Rel-8	C6	No	eUPHBOOK-E	07/05/2007	07/03/2008	100%	31.220	CP-080382	Gemalto	.com	Xavier	29/05/2008	CT#39 completed	
463	370004	**Internal interface for eUPHBOOK**	Rel-8	C6	No	eUPHBOOK-Ir	07/05/2007	05/12/2008	100%	31.221	CP-080382	Gemalto	.com	Xavier	25/11/2008	CT#42 completed	
464	*320016*	*Deleted - Implementation of eUPHBOOK*	*Rel-8*	*C6*	*No*	*eUPHBOOK-S*	*21/06/2007*	*21/06/2007*	*100%*	*31.102*	*CP-060355*	*ecke & Devrient*	*ietze*	*Xavier*	*03/04/2008*	*SA#33 stopped*	*SP-33*
465	**400023**	**Contact Manager Conformance Test specificat**	**Rel-8**	**C6**	**No**	**eUPHBOOK-T**	**30/05/2008**	**12/03/2009**	**0%**		**CP-080430**	**prion, Gemalto**	**s Seif**	**Xavier**	**10/09/2008**	**CT#42 work not started**	
466	400123	**Contact Manager for 3GPP UICC applications tes**	Rel-8	C6	No	eUPHBOOK-T	30/05/2008	12/03/2009	0%	31.320 (ex	CP-080430	nprion, Gemalto	nbrink		NA	CT#42 work not started	
467	400223	**Contact Manager API for Java™ Card test specifi**	Rel-8	C6	No	eUPHBOOK-T	30/05/2008	12/03/2009	0%	31.321 (int	CP-080430	Gemalto	.com		NA	CT#42 work not started	
468	**20068**	**Rel-8 LTE – 3G Long Term Evolution - Evolved**	**Rel-8**	**RP,S5**	**No**	**LTE**	**25/09/2006**	**12/03/2009**	**92%**	**36.300, 36**	**RP-080747**	**NTT DoCoMo**	**mura**	**uergen**	**16/09/2008**	**RP#42 RAN-only items com**	
469	330018	**LTE – Physical Layer**	Rel-8	R1	No	LTE-Phys	25/09/2006	07/03/2008	100%	36.201, 36	RP-080747	NTT DoCoMo	Abeta	Patrick	16/09/2008	RP#39 completed.	
470	330019	**LTE – Radio Interface Layer 2 and 3 Protocol Asp**	Rel-8	R2	No	LTE-L23	25/09/2006	05/12/2008	100%	36.302, 36	RP-080747	emens Networks	ébire	Joern	02/12/2008	RP#42 completed. ASN.1 free	
471	330020	**LTE – eUTRAN Interfaces**	Rel-8	R3	No	LTE-interfaces	25/09/2006	05/12/2008	100%	36.401, 36	RP-080747	Ericsson	lsson	uergen	26/11/2008	RP#42 completed	
472	330021	**LTE – Evolved UTRA and UTRAN RF Radio Trans**	Rel-8	R4	No	LTE-RF	25/09/2006	05/12/2008	100%	36.101, 36	RP-080747	emens Networks	ngas	tefania	28/11/2008	RP#42 completed (closed at S	
473	370046	**LTE – FDD repeaters**	Rel-8	R4	No	LTE-Repeaters	14/09/2007	06/03/2009	75%	36.106, 36	RP-070749	ndrew Wireless	.com	tefania	08/12/2008	SR in RP-080797. RP#42 Re	
474	**390001**	**E-UTRAN Data Definitions**	**Rel-8**	**S5**	**No**	**E-UTRAN-OAI**	**17/09/2007**	**12/03/2009**	**80%**		**ot applicable**			**onisio**	**03/03/2008**		

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
475	370001	Subscriber and Equipment Trace for E-UTRAN and EPC	Rel-8	S5	No	E-UTRAN-OAI	17/09/2007	12/03/2009	90%	32.42x, 32	SP-070617	Ericsson	obert	ionisio	01/12/2008	SA#42 Rel-8 extension to 03/	
476	380036	E-UTRAN Network Resource Model (NRM) Integration Refe	Rel-8	S5	No	E-UTRAN-OAI	07/01/2008	12/03/2009	60%	32.761/2/3	SP-070738	Ericsson	., Per	ionisio	01/12/2008	SA#42 Rel-8 extension to 03/	
477	390002	Performance measurements for E-UTRAN	Rel-8	S5	No	E-UTRAN-OAI	22/02/2008	12/03/2009	80%	32.425	SP-080062	lotorola, Huawei	Yizhi	ionisio	01/12/2008	SA#42 Rel-8 extension to 03/	
478	390003	Key Performance Indicators (KPIs) for E-UTRAN	Rel-8	S5	No	E-UTRAN-OAI	22/02/2008	12/03/2009	90%	32.450, 32	SP-080063	Ericsson	E, Ulf	ionisio	01/12/2008	SA#42 Rel-8 extension to 03/	
479	**390004**	**Self-Organizing Networks (SON)**	**Rel-8**	**S5**	**No**	**LTE_SON-OA**	**22/02/2008**	**11/12/2008**	**100%**		**SP-080275**	**Vodafone**	**giotis**	**onisio**	**01/12/2008**	**SA#42 completed (WT UID_**	
480	390104	SON Concepts and requirements	Rel-8	S5	No	LTE_SON-OAI	22/02/2008	11/12/2008	100%	32.500	SP-080275	Vodafone	giotis	ionisio	25/11/2008	SA#42 completed. SA#40 up	
481	390005	Self-Establishment of eNBs, including automated Software	Rel-8	S5	No	LTE_SON-OAI	22/02/2008	11/12/2008	100%	32.501, 32	SP-080849	emens Networks	mens	ionisio	09/12/2008	SA#42 completed. WID updat	
482	390006	SON Automatic Neighbour Relations (ANR) List Manageme	Rel-8	S5	No	LTE_SON-OAI	22/02/2008	11/12/2008	100%	32.511, 32	SP-080066	Ericsson	Edwin	ionisio	01/12/2008	SA#42 completed	
483	**25029**	**Rel-8 LTE – Terminal Conformance Test Specif**	**Rel-8**	**R5**	**No**	**LTE-UEConTe**	**01/06/2007**	**11/12/2009**	**29%**		**ot applicable**			**ngbert**	**01/06/2008**	**Testing for Feature UID_20**	
484	25041	**3G LTE – Terminal Protocol Conformance Test S**	Rel-8	R5	No	LTE-UEConTe	01/06/2007	13/03/2009	35%	36.521-1,	RP-080647	NEC, Motorola	a.com	lngbert	28/11/2008	SR in RP-080798. RP#41 WI	
485	25042	**LTE – Terminal Radio Transmission and Receptic**	Rel-8	R5	No	LTE-UEConTe	01/06/2007	13/03/2009	50%	36.521-1,	RP-080601	Agilent	t.com	lngbert	27/11/2008	SR in RP-080799. WID updat	
486	410022	**LTE – Terminal Radio Transmission and Receptic**	Rel-8	R5	No	LTE-UEConTe	01/06/2007	11/09/2009	20%	36.521-1,	RP-080601	Agilent	t.com	lngbert	08/12/2008	SR in RP-080799. RP#41 WI	
487	420013	**Conformance Test Aspects – LTE 3500**	Rel-8	R5	No	LTE_UEConTe	05/12/2008	11/12/2009	0%	36.508, 36	RP-080859	Ericsson	.com	lngbert	NA	RP#42 WID approved. Testin	
488	**350040**	**Rel-8 Improvements of the Radio Interface**	**Rel-8**	**RP**	**No**	**RInImp8**	**05/03/2007**	**29/05/2009**	**87%**		**ot applicable**			**ergen**	**NA**		
489	350034	**UMTS 1500 MHz**	Rel-8	R4	No	RInImp8-UMTS	05/03/2007	14/09/2007	100%	25.101, 25	RP-070078	NTT DoCoMo	mura	tefania	27/06/2008	SR in RP-070526	
490	350035	**UMTS 700 MHz FDD**	Rel-8	R4	No	RInImp8-UMTS	05/03/2007	30/05/2008	100%	25.101, 25	RP-070127	Nokia	ngas	tefania	27/06/2008	SR in RP-080260	
491	380074	**UMTS 2300 MHz TDD LCR**	Rel-8	R4	No	RInImp8-UMTS	17/12/2007	12/09/2008	100%	25.102, 25	RP-071016	CATT	ile.cn	tefania	09/09/2008	SR in RP-080517. RP#41 co	
492	380073	**UMTS/LTE 3500 MHz**	Rel-8	R4	No	RInImp8-UMTS	17/12/2007	29/05/2009	30%	25.101, 25	RP-081096	Ericsson	.com	tefania	04/12/2008	SR in RP-080800. RP#42 WI	
493	350037	**Further Improved Minimum Performance Require**	Rel-8	R4	No	RInImp8-2BIC	05/03/2007	07/03/2008	100%		RP-070254	AT&T	r.com	tefania	27/06/2008	SR in RP-080041.	
494	370032	**CS Voice Service over HSPA**	Rel-8	R2	No	RInImp8-CsHs	19/07/2007	07/03/2008	100%	25.323, 25	RP-070823	emens Networks	.com	Joern	27/06/2008	SR in RP-080042.	
495	370033	**Performance requirements for 15 code reception**	Rel-8	R4	No	RInImp8-Hsdp	11/06/2007	07/03/2008	100%	25.101	RP-070824	Vodafone	.com	tefania	27/06/2008	SR in RP-080043.	
496	*350036*	*Deleted - UMTS 2300 MHz FDD/TDD*	*Rel-8*	*R4*	No	*RInImp8-UMTS*	*05/03/2007*	*12/09/2008*	*100%*	*25.101, 25*	*RP-070128*	*AT&T*	*.com*	tefania	*09/09/2008*	*SR in RP-080515. RP#41 sto*	*RP-41*
497	**25025**	**Rel-8 Improvements of the Radio Interface - UE**	**Rel-8**	**R5**	**No**	**RInImp-UECo**	**01/06/2007**	**11/12/2009**	**67%**		**ot applicable**			**ngbert**	**01/06/2008**	**05/08: Linked to Feature UI**	
498	25050	**Conformance Test Aspects – CS Voice Service o**	Rel-8	R5	No	RInImp8-CsHs	01/06/2007	12/09/2008	100%	34.108, 34	RP-080160	Huawei	i.com	lngbert	09/09/2008	SR in RP-080542. RP#41 co	
499	400055	**Conformance Test Aspects – Performance requir**	Rel-8	R5	No	RInImp8-UECc	07/03/2008	05/12/2008	100%	34.121-1,	RP-080311	Ericsson	.com	lngbert	09/12/2008	RP#42 completed. SR in RP-	
500	420014	**Conformance Test Aspects – UMTS 3500**	Rel-8	R5	No	RANimp-UECc	05/12/2008	11/12/2009	0%	34.108, 34	RP-080870	Nokia	a.com	lngbert	NA	Testing for UID_380073	
501	**370035**	**Rel-8 RAN improvements**	**Rel-8**	**RP**	**No**	**RANimp**	**04/06/2007**	**11/09/2009**	**85%**		**ot applicable**			**ergen**	**NA**		
502	360013	**Combination of 64QAM and MIMO for HSDPA (FD**	Rel-8	R1	No	RANimp-64Qa	04/06/2007	12/09/2008	100%	25.308, 25	RP-070500	Ericsson	.com	Patrick	13/09/2008	SR in RP-080518. RP#41 co	
503	370036	**Improved L2 for uplink**	Rel-8	R2	No	RANimp-UplinI	14/09/2007	30/05/2008	100%	25.319, 25	RP-070717	Ericsson	.com	Joern	13/09/2008	SR in RP-080265. RP#40 co	
504	370037	**Enhanced Uplink for CELL_FACH State in FDD**	Rel-8	R2	No	RANimp-UplinI	14/09/2007	05/12/2008	100%	25.309, 25	RP-070677	emens Networks	.com	Joern	26/11/2008	SR in RP-080804. RP#42 co	
505	370038	**Enhanced UE DRX for FDD**	Rel-8	R2	No	RANimp-DRX	14/09/2007	12/09/2008	100%	25.306, 25	RP-070679	Nokia	a.com	Joern	13/09/2008	SR in RP-080520. RP#41 co	
506	370039	**Enhancements for SRNS Relocation Procedure**	Rel-8	R3	No	RANimp-SrnsF	14/09/2007	12/09/2008	100%	25.306, 25	RP-070759	emens Networks	.com	uergen	03/06/2008	SR in RP-080521. RP#41 co	
507	370040	**Enhancements for FDD HSPA Evolution**	Rel-8	R3,R2	No	RANimp-HSPA	14/09/2007	05/12/2008	100%	25.401, 25	RP-080830	emens Networks	.com	uergen	28/11/2008	SR in RP-080805. RP#42 co	
508	380075	**64QAM for 1.28 Mcps TDD HSDPA**	Rel-8	R1	No	RANimp-64Qa	04/12/2007	05/12/2008	100%	25.102, 25	RP-070924	ZTE	m.cn	Patrick	27/11/2008	SR in RP-080806. RP#42 co	
509	380076	**Enhanced CELL_FACH state in 1.28 Mcps TDD**	Rel-8	R2	No	RANimp-EnhS	04/12/2007	05/12/2008	100%	25.123, 25	RP-071038	ZTE	m.cn	Joern	26/11/2008	SR in RP-080807. RP#42 co	
510	380077	**1.28 Mcps TDD Repeater**	Rel-9	R4	No	RANimp-Repe	04/12/2007	11/09/2009	40%	25.113	RP-071003	RITT	l.com	tefania	02/12/2008	SR in RP-081087. Completio	
511	390028	**Continuous Connectivity for packet data users fo**	Rel-8	R1	No	RANimp-LCRC	07/03/2008	06/03/2009	70%	25.929, 25	RP-080085	TD Tech	.com	Patrick	02/12/2008	SR in RP-080809. RP#42 Re	
512	390029	**HSPA VoIP to WCDMA/GSM CS continuity**	Rel-8	R2	No	RANimp-HSPA	07/03/2008	06/03/2009	65%	25.331, 25	RP-080749	Nokia	a.com	Joern	04/12/2008	SR in RP-080810. RP#42 Re	
513	390030	**HS-DSCH Serving Cell Change Enhancements**	Rel-8	R2	No	RANimp-HSDS	07/03/2008	05/12/2008	100%	25.101, 25	RP-080227	Ericsson	.com	Joern	02/12/2008	SR in RP-080811. RP#42 co	
514	400050	**MIMO for 1.28 Mcps TDD**	Rel-8	R1,R4	No	RANimp-MIMC	01/11/2007	15/05/2009	60%	25.201, 25	RP-080485	CATT	ile.cn	Patrick	28/11/2008	SR in RP-080812. RP#42 Re	
515	400052	**Dual-Cell HSDPA operation on adjacent carriers**	Rel-8	R1,R4	No	RANimp-DCHS	30/05/2008	29/05/2009	100%	25.101, 25	RP-080490	Ericsson	.com	Patrick	02/12/2008	SR in RP-080814. RP#42 co	
516	**25026**	**Rel-8 RAN improvements - UE Conformance Te**	**Rel-8**	**R5**	**No**	**RANimp-UEC**	**30/05/2008**	**11/09/2009**	**9%**		**ot applicable**			**ngbert**	**01/06/2008**	**05/08: Linked to Feature UI**	
517	410020	**Conformance Test Aspects – Combination of 64Q**	Rel-8	R5	No	RANimp-UECc	12/09/2008	13/03/2009	5%	34.108, 34	RP-080759	Ericsson	.com	lngbert	27/11/2008	SR in RP-080824	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	handonn at
518	400056	Conformance Test Aspects – Improved L2 for upl	Rel-8	R5	No	RANimp-UECc	30/05/2008	13/03/2009	20%	34.108, 34	RP-080606	Ericsson	ı.com	Ingbert	27/11/2008	Completion target 12/08=>03/	
519	400057	Conformance Test Aspects – 64QAM for 1.28 Mcp	Rel-8	R5	No	RANimp-UECc	30/05/2008	29/05/2009	10%	34.108, 34	RP-080334	ZTE	om.cn	Ingbert	27/11/2008	Completion target 12/08=>05/	
520	420015	Conformance Test Aspects – Dual-Cell HSDPA op	Rel-8	R5	No	RANimp-UECc	05/12/2008	11/09/2009	0%	34.108, 34	RP-080996	Qualcomm	.com)	Ingbert	NA	Testing for UID_400052	
521	360008	3.84 Mcps TDD MBSFN Integrated Mobile Broa	Rel-8	R1	No	MBSFN-DOB	04/06/2007	05/12/2008	100%	25.102, 25	RP-081124	Ericsson	dbom	Patrick	09/12/2008	RP#42 completed. WID upda	
522	**400058**	**MBMS - UE Conformance Testing**	**Rel-8**	**R5**	**Yes**	**MBMSE_UEC**	**01/06/2007**	**11/09/2009**	**55%**		**ot applicable**			**ngbert**	**03/06/2008**	**Linked to Feature UID_3108**	
523	25049	Conformance Test Aspects – MBMS TDD Physica	Rel-7	R5	Yes	MBMSE-RANF	01/06/2007	12/09/2008	100%	34.108, 34	RP-080155	IPWireless	s.com	Ingbert	09/09/2008	SR in RP-080541. RP#41 cor	
524	400059	Conformance Test Aspects – MBMS LCR TDD Ph	Rel-8	R5	No	MBMSE-RANF	30/05/2008	11/09/2009	40%	34.108, 34	RP-080318	CATT	ile.cn	Ingbert	27/11/2008	SR in RP-080826	
525	400060	Conformance Test Aspects – MBSFN for FDD	Rel-8	R5	No	MBMSE-UECc	30/05/2008	13/03/2009	5%		RP-080336	Huawei	.com)	Ingbert	27/11/2008	SR in RP-080823	
526	50583	GERAN support for GERAN - 3G Long Term Ev	Rel-8	GP	No	GELTE	08/09/2006	20/02/2009	85%	24.008, 43	GP-061757	emens Networks	a.com	Paolo	22/11/2008	GP#40 Rel-8 extension to 02/	
527	50586	U-TDOA Enhancement	Rel-8	GP	No	GUTEN	18/05/2007	18/05/2007	100%	43.059, 45	GP-070865	TruePosition	ı.com	Paolo	23/06/2008	GP#36 completed	
528	**50587**	**GAN Enhancements**	**Rel-8**	**GP**	**No**	**GANENH**	**31/08/2007**	**20/02/2009**	**40%**		**GP-071484**	**T-Mobile**	**.com**	**Paolo**	**19/05/2008**	**GP#37 completed. Testing**	
529	50588	Update to GAN specifications	Rel-8	GP	No	GANENH-SPE	31/08/2007	22/02/2008	100%	43.318, 44	GP-071560	T-Mobile	e.com	Paolo	19/05/2008	GP#37 completed	
530	53089	Update TS 51.010 Mobile Station (MS) Conformar	Rel-8	GP	No	GANENH-MSt	31/08/2007	20/02/2009	20%	51.010	GP-071563	T-Mobile	e.com	Ingbert	22/11/2008	GP#39 completion target 08/	
531	**50591**	**AoIP (A-interface over IP)**	**Rel-8**	**C4,C1,C3**	**No**	**AoIP**	**03/01/2000**	**11/12/2008**	**100%**		**GP-081361**	**obile, Ericsson**	**.com**	**Paolo**	**03/12/2008**	**GP#40/TSG#42 completed .**	
532	400041	GERAN aspects of AoIP	Rel-8	GP	No	AoIP	03/01/2000	21/11/2008	100%	48.001, 48	GP-081362	Mobile, Ericsson	ı.com	Paolo	03/12/2008	GP#40 completed. GP#39 up	
533	400042	Media Requirements for CS over IP based User P	Rel-8	S4	No	AoIP-CSoIP	05/12/2007	11/12/2008	100%	26.102, 26	SP-080444	Mobile, Ericsson	ı.com	Paolo	21/11/2008	SA#42 completed	
534	400024	Core Network Impacts for A-Interface User Plane	Rel-8	C4	No	AoIP-CN	30/05/2008	05/12/2008	100%	23.205, 23	CP-080722	Ericsson	odges	Kimmo	05/12/2008	CT#42 completed. Updated V	
535	400124	Core Network Impacts for A-Interface User Plane	Rel-8	C1	No	AoIP-CN	30/05/2008	05/12/2008	100%	23.009	CP-080722	Ericsson	odges	Kimmo	21/11/2008	CT#42 completed. Updated V	
536	400224	Core Network Impacts for A-Interface User Plane	Rel-8	C3	No	AoIP-CN	30/05/2008	05/12/2008	100%	29.007	CP-080722	Ericsson	odges	Kimmo	11/09/2008	CT#42 completed. Updated V	
537	51147	New multicarrier BTS class	Rel-8	G1	No	MCBTS	31/08/2007	29/08/2008	100%	45.005, 45	GP-071542	Alcatel-Lucent	ent.de	Paolo	31/08/2008	GP#39 completed	
538	**51149**	**Conformance testing for the Latency Reductio**	**Rel-8**	**, G3new**	**No**	**CTLATRED**	**22/02/2008**	**18/09/2009**	**64%**		**GP-080367**	**Ericsson**	**.com**	**Paolo**	**22/11/2008**	**GP#40 target completion 11**	
539	53090	MS conformance testing for the Latency Reductio	Rel-8	G3new	No	CTLATRED-M	22/02/2008	18/09/2009	45%	51.010	GP-080368	Ericsson	ı.com	Ingbert	22/11/2008	GP#40 target completion 11/	
540	51150	BTS conformance testing for the Latency Reduct	Rel-8	G1	No	CTLATRED-B	22/02/2008	20/02/2009	95%	51.021	GP-080369	Ericsson	ı.com	Paolo	22/11/2008	GP#40 completion target 08/	
541	53091	MS Conformance Tests of changes introduced	Rel-8	G3new	No	PSHCT-MStes	22/02/2008	21/11/2008	100%	51.010	GP-080411	ohde & Schwarz	COM	Ingbert	22/11/2008	GP#40 completed	
542	53092	Mobile Station conformance testing of Support	Rel-8	G3new	No	SCSAGBCT-M	22/02/2008	15/05/2009	0%	51.010	GP-080330	Nokia	a.com	Ingbert	22/11/2008		
543	320001	(Small) Technical Enhancements and Improver	Rel-8	All	No	TEI8	01/01/2007	11/12/2008	75%		not applicable	ALL			20/04/2006		
544	400025	Test - (Small) Technical Enhancements and Im	Rel-8	R5	No	TEI8_Test	30/05/2008	11/12/2008	70%		not applicable	ALL		Ingbert	09/09/2008		
545	*31067*	*Deleted - All-IP Network*	*Rel-8*	*S1*	*No*	*AIPN*	*28/06/2004*	*15/03/2006*	*100%*		*SP-050181*	*NTT DoCoMo*	*co.jp*	*Alain*	*03/04/2008*	*SA#38 stopped. 25/07/08 Mo*	*SP-38*
546	*31068*	*Deleted - Stage 1*	*Rel-8*	*S1*	*No*	*AIPN*	*28/06/2004*	*15/03/2006*	*100%*	*22.258*	*SP-050181*	*NTT DoCoMo*	*co.jp*	*Alain*	*03/04/2008*	*22.258 withdrawn, supersede*	*SP-38*
547	*340032*	*Deleted - was Rel7 - LCS for 3GPP Interworking WLAN*	*Rel-8*	*S2*	*No*	*LCS4_IWLAN*	*28/09/2007*	*28/09/2007*	*100%*	*23.234, 23*	*SP-060818*	*LG Electronics*	*.com*	*laurice*	*03/04/2008*	*SP-35 stopped*	*SP-35*
548	*330010*	*Deleted - never approved- FBI Phase 2*	*Rel-8*	*S2*	*No*	*FBI2*	*28/09/2007*	*28/09/2007*	*100%*			*mens Networks*		*laurice*	*03/04/2008*	*SA#38 stopped*	*SP-38*
549	*330007*	*Deleted -Enhancements to BS30 Bearer service for Videotelephony*	*Rel-8*	*S1*	*No*	*BS30*	*15/03/2007*	*15/03/2007*	*100%*	*22.002, 22*	*SP-060484*	*3*	*co.uk*	*Alain*	*03/04/2008*	*SA#38 stopped (no support)*	*SP-38*
550	*370055*	*Deleted - IMS Enhancements Rel-8*	*Rel-8*	*S1*	*No*	*IMS8*	*03/09/2007*	*14/12/2007*	*100%*			*Telecom Italia*		*Alain*	*03/04/2008*	*SA#38 stopped*	*SP-38*
551	0	Release 8 Feasibility Studies	Rel-8	SP,RP,SP	No		20/03/2008	20/03/2008	0%						NA		
552	7026	Study on Customised Alerting Tone (CAT) Req	Rel-8	S1	No	FS_CAT	07/10/2005	14/09/2006	100%	22.982	SP-060474	China Mobile	e.com	Michael	03/09/2008	Spin-off WID UID_370028 un	
553	7027	Study on Facilitating Machine to Machine Com	Rel-8	S1	No	FS_M2M	04/11/2005	08/03/2007	100%	22.868	SP-050527	Siemens	Merkel	Alain	24/03/2008	SA#35 completed. Spin-off S/	
554	31089	Study on Network Composition	Rel-8	S1	No	FS_NetComp	07/12/2005	12/12/2007	100%	22.980	SP-060478	Siemens	s.com	Alain	24/03/2008	SA#38 completed	
555	320024	Study on Requirements of IMS Multimedia Con	Rel-8	S1	No	FS_IMSconf	08/06/2006	12/09/2007	100%	22.948	SP-060479	China Mobile	e.com	Alain	16/05/2008	SA#37 completed. Spin-off N	
556	320025	Study on support of a Public Warning System	Rel-8	S1	No	FS_PWS	03/09/2007	14/03/2008	100%	22.968	SP-080054	T-Mobile	e.com	Alain	20/03/2008	SA#39 completed. Spin-off R	
557	330016	Study on Paging Permission with Access Cont	Rel-8	S1	No	FS_PPAC	28/09/2006	20/09/2007	100%	22.908	SP-060785	NTT DoCoMo	.co.jp	Alain	19/11/2007	SA#37 completed. Spin-off ne	
558	340033	Study on Non 3GPP access NSP	Rel-8	S1	No	FS_N3GtoNSF	06/12/2006	05/06/2008	100%	22.912	SP-080318	Telefonica O2	e.com	Alain	03/06/2008	SA#38 completed. Spin-off N	
559	340034	Study on Value Added Services for Short Mess	Rel-8	S1	No	FS_VAS4SMS	06/12/2006	07/12/2007	100%	22.942	SP-060786	China Mobile	e.com	Alain	16/05/2008	SA#38 completed. Spin-off N	
560	340035	Study on Service continuity between mobile ar	Rel-8	S1	No	FS_SMLSWLA	06/12/2006	06/12/2007	100%	22.937	SP-070577	BT	t.com	Alain	27/10/2008	SA#38 completed	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
561	370086	Study on Services Alignment and Migration	Rel-8	S1	No	FS_ServAl	06/12/2006	12/03/2008	100%	22.983	SP-070126	China Mobile	e.com	Alain	23/03/2008	SA#39 completed. Spin-off Fe	
562	**32085**	**Study on 3GPP System Architecture Evolution**	**Rel-8**	**S2,S3**	**No**	**FS_SAE**	**03/12/2004**	**11/12/2008**	**100%**		**SP-070163**	**Vodafone**	**dney**	**aurice**	**03/03/2008**	**SA#42 completed**	
563	32086	Stage 2 Interim conclusion for RAN Work to start	Rel-8	S2	No	FS_SAE	03/12/2004	18/09/2008	100%	23.882	SP-070163	Vodafone	udney	laurice	14/09/2008	SA#41 completed	
564	32087	Stage 2 study on 3GPP architectural developmen	Rel-8	S2	No	FS_SAE	09/01/2006	18/09/2008	100%	23.882	SP-070163	Vodafone	udney	laurice	14/09/2008	SA#41 completed	
565	7024	Security study for Inter-access mobility between	Rel-8	S3	No	FS_SAE	03/09/2007	11/12/2008	100%	33.821, 33	SP-070163	Nokia	a.com	lionisio	02/12/2008	SA#42 completed	
566	320028	Study on Stage 2 aspects of IMS Service Broke	Rel-8	S2	No	FS_ISB_ST2	19/06/2006	18/09/2008	100%	23.810	SP-060443	Telcordia	a.com	laurice	14/09/2008	SA#41 completed. No spin-of	
567	7049	Study on IMS utilizing multicast bearer service	Rel-8	S2	No	FS_MLTICAST	22/03/2006	06/12/2007	100%	23.847	SP-060148	emens Networks		laurice	24/03/2008	SA#38 completed	
568	350017	Study on Mobility between 3GPP-WLAN Interw	Rel-8	S2	No	FS_SM3GWLA	20/03/2007	18/09/2008	100%	23.827 WI	SP-070106	Orange	ange	laurice	17/09/2008	08/08/08 TR 23.827 v 0.4.0 n	
569	350051	Study on Multimedia Session Continuity	Rel-8	S2	No	FS_MMSC	26/04/2007	05/06/2008	100%	23.893	SP-070818	LG Electronics		laurice	24/03/2008	SA#40 completed	
570	**380034**	**Study on centralized IMS service control**	**Rel-8**	**S2,S1**	**No**	**FS_ICS**	**23/10/2006**	**12/03/2008**	**100%**		**SP-070494**	**Ericsson**	**.com**	**Alain**	**20/03/2008**	**SA#39 completed**	
571	370087	Study on centralized IMS services requirements	Rel-8	S1	No	FS_ICS-S1	05/03/2007	12/03/2008	100%	22.892	SP-070494	Ericsson	n.com	Alain	20/03/2008	SA#39 completed	
572	330012	Study on centralized IMS services control	Rel-8	S2	No	FS_IMS_CSC	23/10/2006	12/03/2008	100%	23.892	SP-070494	Alcatel-Lucent	t.com	laurice	22/03/2008	SA#39 completed	
573	380078	Study on Architecture of IMS based Customize	Rel-8	S2	No	FS_CAT-St2	04/12/2007	18/09/2008	100%	23.872	SP-070905	China Mobile	com)	laurice	23/09/2008	SA#41 completed as Rel-8	
574	360015	Study on Transferring of emergency call data –	Rel-8	S4	No	eCALLIBMS	07/12/2006	12/12/2007	100%	26.967	SP-060935	Airbiquity	/.com	Paolo	16/05/2008	SA#38 completed. Spin-off W	
575	35065	Study on Element Operations Systems Functio	Rel-8	S5	No	OAM7-NIM- E(	07/06/2007	12/06/2008	100%	32.819	SP-070307	China Mobile	, Jian	lionisio	28/04/2008	SA#40 completed. SID updat	
576	35074	Study on SA5 MTOSI XML Harmonization	Rel-8	S5	No	OAM7-NIM-XM	10/05/2006	12/09/2007	100%	32.818	SP-070305	Nortel	l.com	lionisio	26/06/2008	SA#37 completed. SID updat	
577	320006	Study on Common Profile Storage (CPS) Fram	Rel-8	S5	No	OAM7-CPS	03/07/2006	07/06/2007	100%	32.808	SP-060263	T-Mobile	stvan	lionisio	17/03/2008	SA#36 completed. Spin-off N	
578	340036	Study on Management for LTE and SAE	Rel-8	S5	No	FS_OAM_LTE	07/12/2006	11/12/2008	100%	32.816	SP-060753	Ericsson	obert	lionisio	25/11/2008	SA#42 completed	
579	350004	Study on Charging Aspects of 3GPP System E	Rel-8	S5	No	FS_SAEcharg	02/04/2007	06/12/2007	100%	32.820	SP-070174	emens Networks	erald	lionisio	17/03/2008	SA#38 completed	
580	7048	Study on AS-MRFC media server control proto	Rel-8	C1	No	MRFC	22/03/2006	13/06/2008	100%	24.880	CP-060180	HP	.com	rederic	13/05/2008	CT#40 completed. Spin-off N	
581	350018	Study on IMS Restoration Procedures	Rel-8	C4	No	FS_IMS_RP	26/03/2007	30/05/2008	100%	23.820	CP-070031	Ericsson	n.com	Kimmo	29/05/2008	CT#40 completed. Spin-off W	
582	360030	Study on IMS Application Server Service Data I	Rel-8	C4	No	FS_IMS_ASIO	14/09/2007	12/09/2008	100%	29.864	CP-070685	Alcatel-Lucent	rottin	Kimmo	11/09/2008	CT#41 completed. Linked to S	
583	360031	Study on Customized Alerting Tone (CAT) solu	Rel-8	C4	No	FS_CAT_VVC	14/09/2007	12/09/2008	100%	29.882	CP-070518	China Mobile	e.com	Kimmo	01/09/2008	CT#41 completed. Spin-off W	
584	380023	Study on InterWorking Function between MAP	Rel-8	C4	No	FS_MAP2Dian	30/11/2007	05/12/2008	100%	29.805	CP-070760	Huawei	i.com	Kimmo	22/11/2008	CT#41 Spin-off WID UID_410	
585	370041	Study on Scope of future HSPA Evolution for 1	Rel-8	R1	No	FS_RAN-LCR	14/09/2007	30/05/2008	100%	25.824	RP-070748	RITT	u Fei	Patrick	26/06/2008	SID in RP-070748. RP#40 co	
586	370042	Study on Synchronized E-DCH for UTRA FDD	Rel-8	R1	No	FS_RAN-Uplin	14/09/2007	07/03/2008	100%	25.823	RP-070678	emens Networks	n.com	Patrick	26/06/2008	SID in RP-070678. RP#39 co	
587	360016	Study on Improved network controlled mobility	Rel-8	R4	No	FS_RAN-LTEn	04/06/2007	03/12/2007	100%	36.938	RP-070511	Motorola	a.com	Joern	26/06/2008	SR in RP-070827. RP#38 cor	
588	350039	Study on 3G Home NodeB/eNodeB	Rel-8	R4	No	FS_RAN-HNB	05/03/2007	30/05/2008	100%	25.820	RP-070257	Motorola	omas	tefania	26/06/2008	SID in RP-070257. RP#40 co	
589	380080	Study on HS-PDSCH serving cell change enhar	Rel-8	R4	No	FS_RAN-HSPI	17/12/2007	07/03/2008	100%	none	RP-071044	Qualcomm		tefania	26/06/2008	SID in RP-071044. SR in RP-	
590	50589	Study on A-interface over IP	Rel-8	GP	No	AINTIP	31/08/2007	22/02/2008	100%	43.903	GP-071562	Mobile, Ericsson	n.com	Paolo	03/03/2008	GP#37 completed. Spin-off in	
591	50590	Study on Multi-User Reusing-One-Slot	Rel-8	GP	No	MUROS	16/11/2007	20/02/2009	90%		GP-072033	emens Networks	n.com	Paolo	22/11/2008	GP#40 completion target 11/(	
592	51148	Study on Optimized Transmit Pulse Shape for I	Rel-8	G1	No	WIDER	16/11/2007	20/02/2009	85%	45.9xx	GP-072026	emens Networks	n.com	Paolo	22/11/2008	GP#40 completion target 11/(	
593	*370044*	*Deleted - equals 340035 -FS on Service continuity between mobile an*	*Rel-8*	*S1*	*No*	*FSSCMobToW*	*03/09/2007*	*14/12/2007*	*100%*	*22.937*	*SP-070557*	*BT*	*.com*	*Alain*	*03/04/2008*	*SA#39 stopped*	*SP-39*
594	*380068*	*Deleted - Study on Evaluation of LCS Control Plane Solution for EPS*	*Rel-8*	*S2*	No	*FS_LCS_EPS*	*14/01/2008*	*30/05/2008*	*100%*	*23.891*	*SP-070819*	*SiRF*		laurice	*31/08/2008*	*SA#38 SID approved. SA#40*	*SP-40*
595	0	**Release 7 Features**	Rel-7	P, RP,SP	No		03/01/2000	03/01/2000	0%						NA		
596	**732097**	**Identification of Communication Services in IM**	**Rel-7**	**S1,C1,S5**	**No**	**ServID**	**02/05/2005**	**14/09/2007**	**100%**		**SP-060293**	**Ericsson**	**.com**	**aurice**	**01/07/2008**	**WID approved SA#28. WID**	
597	32106	TR on ServID	Rel-7	S2	No	ServID	02/05/2005	21/03/2006	100%	23.816	SP-060293	Ericsson	n.com	laurice	01/07/2008		
598	32107	Stage 1,2 of ServID	Rel-7	S1,S2	No	ServID	11/11/2005	31/05/2006	100%	22.228, 23	SP-060293	Ericsson	n.com	laurice	01/07/2008		
599	320010	Stage 3 of ServID	Rel-7	C1	No	ServID	31/03/2006	15/03/2007	100%	23.218, 24	CP-060259	Ericsson	n.com	rederic	01/07/2008	CT#32 approved WID	
600	7035	Charging of ServID	Rel-7	S5	No	ServID	31/03/2006	14/09/2007	100%	32.260, 32	SP-060293	Orange	t.com	Adrian	01/07/2008		
601	**32116**	**Supporting Globally Routable User Agent URIs**	**Rel-7**	**S2,S1,C1**	**No**	**GRUU**	**14/11/2005**	**15/06/2007**	**100%**		**SP-050633**	**RIM**	**.com**	**aurice**	**01/07/2008**	**SA#29 approved WID**	
602	*7009*	*Deleted - TR on GRUU*	*Rel-7*	*S2*	No	*GRUU*	*14/11/2005*	*14/09/2006*	*100%*		*SP-050633*	*RIM*	*.com*	laurice	*01/07/2008*	*Abandoned*	*SP-32*
603	7010	Stage 1,2 of GRUU	Rel-7	S1,S2	No	GRUU	03/07/2006	29/09/2006	100%	22.228, 23	SP-050633	RIM	n.com	laurice	01/07/2008	SA#29 approved WID	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI ɔporte e-mail	MCC resp	last modif	Notes	ɔandonn at
604	320011	Stage 3 of GRUU	Rel-7	C1	No	GRUU	02/06/2006	15/06/2007	100%	24.229	CP-060358	CableLabs	ibben	rederic	01/07/2008	CT#32 approved WID	
605	**7038**	**Multimedia Telephony Service for IMS**	**Rel-7**	**S1,C1,S4**	**No**	**MTSI**	**01/02/2006**	**15/06/2007**	**100%**		**SP-060224**	**Ericsson**	**.com**	**ɔatrick**	**25/06/2008**		
606	7039	Stage 1 of MTSI	Rel-7	S1	No	MTSI-REQ	01/02/2006	29/09/2006	100%	22.173	SP-060224	Ericsson	ı.com	Alain	25/06/2008		
607	7037	Stage 3 of MTSI	Rel-7	C1	No	MTSI	10/03/2006	15/06/2007	100%	24.173	CP-060257	Ericsson	ı.com	rederic	25/06/2008		
608	7040	Media handling and interaction in MTSI	Rel-7	S4	No	MTSI-MHI	15/03/2006	15/03/2007	100%	26.114	SP-060225	Ericsson	ı.com	Paolo	25/06/2008		
609	*7023*	*Deleted - duplicates UID7039 - IMS Multimedia Telephony Servic*	*Rel-7*	*S1*	No	*MMTEL*	*15/06/2007*	*15/06/2007*	*100%*	*22.173*	*SP-050387*	*Ericsson*	*.com*	Mike	*25/06/2008*		*SP-32*
610	350147	**Multimedia Telephony Service for IMS (MTSI) -**	Rel-7	R5	Yes	MTSI-UEConf1	19/09/2007	13/03/2009	80%	34.123-1, 3	RP-080605	csson, Motorola	ı.com	lngbert	27/11/2008	Target completion 09/08=>03	
611	377001	**TISPAN requirements for Multimedia Telephon**	Rel-7	S1	No	TMMTEL7	18/09/2007	06/12/2007	100%	22.273 (EI	SP-070568				10/01/2008		
612	**387001**	**Maintenance of TISPAN release 1 common IMS**	**Rel-7**	**S2**	**No**	**MCIMSTR1**	**18/09/2007**	**06/12/2007**	**100%**		**http://www**	**Ericsson**	**ɔrbes**	**Alain**	**21/07/2008**		
613	387002	SA1 aspects of MCIMSTR1	Rel-7	S1	No	MCIMSTR1-S1	18/09/2007	06/12/2007	100%	22.173, 22	SP-070915	Telecom Italia	Luca		04/11/2008		
614	387003	SA2 aspects of MCIMSTR1	Rel-7	S2	No	MCIMSTR1-S2	18/09/2007	06/12/2007	100%	23.406, 23	SP-070915	Ericsson	ɔrbes		21/07/2008		
615	**32045**	**PS domain and IMS impacts for supporting IMS**	**Rel-7**	**S2,S1**	**No**	**EMC1**	**18/09/2000**	**15/06/2007**	**100%**		**SP-050604**	**Siemens**	·bhart	**aurice**	**28/03/2003**		
616	1314	Service Requirements for IP-based emergency calls	Rel-7	S1	No	EMC1	18/09/2000	25/06/2004	100%	22.976 (DE	SP-050604	Siemens	·bhart		08/06/2004		
617	32046	Study on Stage 2 for IMS-level solution	Rel-7	S2	No	EMC1	26/02/2003	16/09/2005	100%	23.867	SP-050604	Siemens	·bhart		22/12/2005		
618	32080	Study on Stage 2 for GPRS-level solution	Rel-7	S2	No	EMC1	14/10/2004	08/12/2005	100%	23.867	SP-050604	Siemens	·bhart		22/12/2005		
619	32100	Stage 2 Specification Phase - IMS-level	Rel-7	S2	No	EMC1	05/09/2005	09/06/2006	100%	23.167, 23	SP-050604	Siemens	·bhart		19/09/2006		
620	*32101*	*Deleted - Stage 2 Specification Phase - GPRS-level*	*Rel-7*	*S2*	No	*EMC1*	*02/03/2007*	*02/03/2007*	*100%*		*SP-050604*	*Siemens*	*bhart*		*22/06/2007*		*SP-32*
621	**1653**	**Emergency Call Enhancements for IP& PS Based Calls – sta**	**Rel-7**	**C1**	**No**	**EMC1**	**09/01/2006**	**15/06/2007**	**100%**		**CP-050529**	**Ericsson**	**.com**		**22/12/2005**		
622	1315	CT1 IMS aspects to support IMS Emergency sessions	Rel-7	C1	No	EMC1	09/01/2006	15/06/2007	100%	24.229	CP-050529	Ericsson	ı.com		12/09/2007		
623	*13028*	*Deleted - CT3 IMS aspects to support IMS Emergency sess*	*Rel-7*	*C3*	No	*EMC1*	*08/05/2006*	*15/09/2006*	*100%*	*29.163*	*CP-050529*	*Ericsson*	*.com*	ıg Don	*01/07/2008*	*Cancelled for Rel-7 and there*	*CP-33*
624	*13031*	*Deleted - CT3 PS domain aspects to support IMS Emergenc*	*Rel-7*	*C3*	No	*EMC1*	*08/05/2006*	*15/09/2006*	*100%*	*29.061*	*CP-050529*	*Ericsson*	*.com*	ıg Don	*01/07/2008*	*Cancelled for Rel-7 and there*	*CP-33*
625	1646	CT1 PS domain aspects to support IMS Emergency session	Rel-7	C1	No	EMC1	09/01/2006	15/06/2007	100%	24.008, 24	CP-050529	Ericsson	ı.com		12/09/2007		
626	14026	CT4 PS domain aspects to support IMS Emergency session	Rel-7	C4	No	EMC1-GPRSc	09/01/2006	01/06/2007	100%	29.060	CP-050529	Ericsson	ı.com		29/05/2007		
627	11065	**IMS Support of Conferencing**	Rel-7	C1	No	IMSconf	04/11/2005	15/03/2007	100%	24.147, 24	CP-070120	Alcatel-Lucent	t.com	rederic	01/07/2008	CT#35 revised WID	
628	34033	**Performance Characterization of VoIMS over H**	Rel-7	S4	No	VoIMS-PCVoIM	15/03/2005	06/12/2007	100%	26.935	SP-050089	Alcatel-Lucent	t.com	Paolo	10/01/2008		
629	**31062**	**WLAN-UMTS Interworking Phase 2**	**Rel-7**	**S1**	**No**	**WLAN2**	**05/01/2004**	**07/06/2005**	**100%**	**33.234 (SP**	**SP-030712**	**Telenor**	**.com**	**lichael**	**19/09/2006**	**Created at TSG#27 by A. Su**	
630	31057	Stage 1 on Session Continuity	Rel-7	S1	No	WLAN-SC	05/01/2004	11/06/2004	100%	22.234					07/06/2005		
631	32096	Stage 2 on Session Continuity: covered by SAE	Rel-7	S2	No	WLAN-SC	07/06/2005	07/06/2005	100%						07/06/2005		
632	**32110**	**WLAN Interworking – Private Network access f**	**Rel-7**	**C1,C3,C4**	**No**	**WLANPNA**	**10/10/2005**	**26/09/2006**	**100%**		**SP-050489**	**NEC**	**com)**	**aurice**	**07/10/2005**		
633	32111	WLAN-PNA - Stage 2	Rel-7	S2	No	WLANPNA-st2	10/10/2005	23/06/2006	100%	23.234, 33	SP-050489	NEC	.com)	laurice	31/05/2006	Approved at SA#29	
634	**11059**	**WLAN-PNA - Stage 3**	**Rel-7**	**C1,C3,C4**	**No**	**WLANPNA-st3**	**01/02/2006**	**26/09/2006**	**100%**		**CP-060256**	**NEC**	**ech.fr**	**ederic**	**23/06/2006**	**Approved at CT#29**	
635	11064	CT1 aspets for WLAN-PNA	Rel-7	C1	No	WLANPNA-st3	01/02/2006	26/09/2006	100%	24.234	CP-060256	NEC	ech.fr	rederic	31/05/2006	Approved at CT#29	
636	13027	CT3 aspets for WLAN-PNA	Rel-7	C3	No	WLANPNA-st3	01/02/2006	26/09/2006	100%	29.161	CP-060256	NEC	ech.fr	rederic	23/06/2006	Approved at CT#29	
637	*14024*	*Deleted - CT4 aspets for WLAN-PNA*	*Rel-7*	*C4*	No	*WLANPNA-st3*	*01/02/2006*	*26/09/2006*	*100%*	*29.234*	*CP-060256*	*NEC*	*ech.fr*	rederic	*08/03/2007*	*CT4#31; no impacts identified*	*CP-32*
638	**32092**	**Enhancements to support QoS provisioning ov**	**Rel-7**	**S2,C4,C1**	**No**	**WLANQOS**	**14/03/2005**	**09/03/2007**	**100%**		**SP-050682**	**Samsung**	**.com**	**aurice**	**18/07/2008**	**Moved from FS section Feb**	
639	*7015*	*Deleted - TR on support of QoS on WLAN*	*Rel-7*	*S2*	No	*WLANQOS*	*14/03/2005*	*31/01/2006*	*100%*	*23.836*	*SP-050682*	*Samsung*	*.com*	laurice	*18/07/2008*	*SP-32 stopped*	*SP-32*
640	7016	Stage 2 on support of QoS over 3GPP/WLAN interworking	Rel-7	S2	No	WLANQOS	01/02/2006	30/06/2006	100%	23.234	SP-050682	Samsung	ı.com	laurice	18/07/2008	SP-30 updated WID	
641	14028	Stage 3 CT4 on support of QoS over 3GPP/WLAN Interworking	Rel-7	C4	No	WLANQOS	22/09/2006	09/03/2007	100%	29.234, 23	CP-060418	Huawei	i.com	Kimmo	18/07/2008	CP-32 approved WID	
642	340005	Stage 3 CT1 on support of QoS over 3GPP/WLAN Interworking	Rel-7	C1	No	WLANQOS	04/09/2006	30/11/2006	100%	24.234	CP-060418	Huawei	i.com	rederic	18/07/2008	CP-32 approved WID	
643	**32079**	**Location Services enhancements**	**Rel-7**	**GP,C4,R2**	**No**	**LCS3**	**28/06/2004**	**17/12/2007**	**100%**		**SP-040682**			**Alain**	**02/07/2008**		
644	32093	Stage 2 for LCS3 (including IMS emergency location aspects)	Rel-7	S2	No	LCS3	31/12/2004	15/09/2006	100%	23.271	SP-050119	SiRF	f.com	laurice	02/07/2008	SA#27 approved WID.	
645	50558	LCS Enhancements related to Location-Based Services	Rel-7	GP	No	LCS3-LBS	03/01/2005	31/08/2007	100%	43.059, 44	GP-050265	SiRF	f.com	Paolo	02/07/2008		
646	14025	CT4 aspects for LCS UEPos-LBS	Rel-7	C4	No	LCS3-UEPos-I	02/01/2006	01/12/2006	100%	24.030, 24	CP-050240	SiRF	f.com	Kimmo	02/07/2008		

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at	3, 200 e	Qt o Ja
647	20042	UE positioning - Velocity	Rel-7	R2	No	LCS3-UEPos-\	15/03/2005	15/09/2006	100%	25.305, 25	RP-050300	SiRF	-.com	Joern	02/07/2008	Completed Sept 2006; SR in			
648	20012	Inclusion of Uplink TDOA UE positioning method in the UTRAN s	Rel-7	R2	No	LCS3-UEPos-I	15/09/2004	17/12/2007	100%	25.305, 25	RP-040387	TruePosition	ı.com	Joern	02/07/2008	Completed Nov 2007; SR in F			
649	**31052**	**LCS for 3GPP Interworking WLAN**	**Rel-7**	**S1**	**No**	**LCS3-IWLAN**	**28/06/2004**	**02/03/2007**	**100%**	**22.935**	**SP-060291**	**Telcordia**	**shine**	**Alain**	**02/07/2008**				
650	32077	FS on 3GPP system to WLAN Interworking with LCS	Rel-7	S1	No	LCS3-IWLAN-I	28/06/2004	30/06/2006	100%	22.935	SP-060291	Telcordia	'arma	Alain	02/07/2008				
651	*32108*	*Delete - Study of work on an LCS architecture for I-WLAN.*	*Rel-7*	*S2*	No	*LCS3-IWLAN-i*	*26/06/2006*	*02/03/2007*	*100%*	*23.837*	*SP-060291*	*LG Electronics*	*.com*	laurice	*02/07/2008*	*Updated WID at SA#32 to ch*	*SP-35*		
652	340007	Stage 2 for LCS architecture for I-WLAN	Rel-7	S2	No	LCS3-IWLAN	23/10/2006	02/03/2007	100%	23.234, 23	SP-060818	LG Electronics	e.com	laurice	02/07/2008	WID at SA#55			
653	*20030*	*Deleted - UE positioning Rel-7*	*Rel-7*	*RP*	No	*LCS3-UEpos*	*15/09/2004*	*17/12/2007*	*100%*						*25/06/2008*		*RP-38*		
654	*20054*	*Deleted - RAN2 aspects for LBS*	*Rel-7*	*R2*	No	*LCS3-UEPos-I*	*15/06/2005*	*15/06/2005*	*100%*	*25.305, 25*		*SiRF*	*.com*	:_RAN	*22/12/2005*		*RP-31*		
655	**31084**	**MBMS Enhancements**	**Rel-7**	**S1**	**No**	**MBMSE**	**11/07/2005**	**30/11/2007**	**100%**		**SP-050389**	**China Mobile**	**.com**	**Mike**	**25/06/2008**				
656	340041	Stage 1 of MBMSE	Rel-7	S1,R1,C3	No	MBMSE	11/07/2005	08/12/2005	100%	22.146, 22	SP-050389	China Mobile	e.com	Mike	15/04/2008	Structure created by MCC to			
657	340042	MBMS FDD Physical layer Enhancements	Rel-7	R1	No	MBMSE-RANF	15/12/2006	04/06/2007	100%	25.211, 25	RP-070226	Ericsson	ı.com	Patrick	25/06/2008	Completed May 2007; SR in F			
658	340043	MBMS TDD Physical layer Enhancements	Rel-7	R1	No	MBMSE-RANF	15/12/2006	04/06/2007	100%	25.346, 25	RP-070241	IPWireless	erson	Patrick	25/06/2008	Completed May 2007; SR in F			
659	350022	MBMS Low Chip Rate TDD Physical Layer Enhancement	Rel-7	R1	No	MBMSE-RANF	16/03/2007	10/09/2007	100%	25.346, 25	RP-070253	RITT	n Hui	Patrick	25/06/2008	Completed May 2007; SR in F			
660	340046	MBMS Mz interface	Rel-7	C3	No	MBMSMz	04/12/2006	30/11/2007	100%	29.061	CP-070109	Huawei	.com)	ng Don	21/07/2008				
661	34038	**MBMS User Service Extensions**	Rel-7	S4	No	MBMSUSE	07/12/2005	07/06/2007	100%	26.346, 26	SP-050838	Ericsson	ı.com	Paolo	29/05/2007				
662	**31051**	**Advanced Global Navigation Satellite System (**	**Rel-7**	**S1,GP,R2**	**No**	**LCS3-AGNSS**	**28/06/2004**	**31/08/2007**	**100%**		**SP-040681**	**Alcatel**	**ıtel.fr**	**lichael**	**25/06/2008**				
663	50548	Towards A-GNSS Concept	Rel-7	GP	No	AGNSS-GP	28/06/2004	31/08/2007	100%		GP 042677	Alcatel	ıtel.fr	Paolo	12/09/2007	GP#36 completed			
664	20050	Global Navigation Satellite System (GNSS) in UTRAN	Rel-7	R2	No	LCS3-GNSS-U	15/12/2005	04/06/2007	100%	25.305, 25	RP-060211	France Telecom	ı.com	:_RAN	25/06/2008	Completed Sept 2006; SR in			
665	*50551*	*Deleted - Towards A-GNSS Concept*	*Rel-7*	*S1*	No	*GNSS*	*16/02/2007*	*16/02/2007*	*100%*		*GP-042677*	*Alcatel*	*ıtel.fr*	Paolo	*18/01/2007*		*SP-34*		
666	50581	**A-GPS Minimum Performance**	Rel-7	GP	No	GAGR	28/04/2006	31/08/2007	100%	45.005, 51	GP-060834	Spirent	.com	Paolo	12/09/2007				
667	**31048**	**USSD message delivery and transfer to USIM**	**Rel-7**	**S1,C6**	**No**	**USSD-USIM**	**05/03/2004**	**12/08/2005**	**100%**		**SP-040104**	**Axalto**	**com)**	**lichael**	**10/09/2008**				
668	31060	Stage 1	Rel-7	S1	No	USSD-USIM	18/03/2004	15/10/2004	100%	22.090	SP-040104	Axalto	.com)	lichael	10/09/2008				
669	43008	Alignment with requirements regarding USSD usage	Rel-7	C6	No	USSD-USIM	05/03/2004	12/08/2005	100%		TP-040069	Axalto	.com)	Xavier	10/09/2008				
670	**31063**	**Combinational Services**	**Rel-7**	**S2,C1,S4**	**No**	**CSICS**	**17/01/2005**	**06/03/2006**	**100%**		**SP-050228**	**TeliaSonera**	**.com**	**lichael**	**02/07/2008**				
671	31064	Stage 1 for CSICS	Rel-7	S1	No	CSICS	17/01/2005	09/06/2005	100%	22.279	SP-050228	TeliaSonera	ı.com	lichael	02/07/2008				
672	32084	Stage 2 for CSICS	Rel-7	S2	No	CSICS	17/01/2005	15/07/2005	100%	23.279	SP-050228	TeliaSonera	ı.com	laurice	02/07/2008				
673	11054	Stage 3 for CSICS CN aspects	Rel-7	C1	No	CSICS	02/05/2005	06/03/2006	100%	24.879, 24	CP-060105	Vodafone	awes	rederic	02/07/2008				
674	34031	Stage 3 for codec aspects	Rel-7	S4	No	CSICS-Codec	15/03/2005	07/12/2005	100%	26.141, 26	SP-050091	Ericsson	ı.com	Paolo	02/07/2008				
675	**31065**	**CAMEL Trunk Triggers**	**Rel-7**	**S1,C4**	**No**	**TTCAMEL**	**17/12/2004**	**05/12/2005**	**100%**		**SP-040743**	**Nortel**	**com)**	**lichael**	**18/07/2008**				
676	31066	Stage 1 for CAMEL Trunk Triggers	Rel-7	S1	No	TTCAMEL	17/12/2004	05/12/2005	100%	22.078	SP-040743	Nortel	.com)	lichael	18/07/2008				
677	14017	CAMEL Trunk Originated Trigger Detection Points	Rel-7	C4	No	CamelR7	17/12/2004	05/12/2005	100%		NP-040550	Nortel	.com)	Kimmo	18/07/2008				
678	31088	**IMS Service Brokering enhancements**	Rel-7	S1	**No**	ISB	07/12/2005	13/03/2006	100%	22.228	SP-050830	Telcordia	ı.com	**Alain**	25/03/2008	No CR submitted in rel-8 (acc			
679	320027	**Stage 1 for ISB**	Rel-7	S1	No	ISB-s1	07/12/2005	13/03/2006	100%	22.228	SP-050830	Telcordia	ı.com	Alain	25/03/2008	No Rel-8 changes			
680	**11045**	**Enhancements of VGCS for public authority of**	**Rel-7**	**S1**	**No**	**EVGCS**	**27/08/2004**	**15/06/2007**	**100%**	**43.068, 44**				**ederic**	**17/07/2006**				
681	31061	Stage 1	Rel-7	S1	No	EVGCS	27/08/2004	27/08/2004	100%	42.068, 43	SP-040304	Siemens	COM	lichael	19/09/2006				
682	**11056**	**Architecture and protocol aspects**	**Rel-7**	**C1**	**No**	**EVGCS**	**27/08/2004**	**15/06/2007**	**100%**	**43.068, 44**	**CP-050528**	**Siemens**	**Zaus**		**09/03/2006**				
683	11062	CT1 aspects of EVGCS	Rel-7	C1	No	EVGCS	27/08/2004	15/06/2007	100%	43.068, 44		Siemens			12/09/2007				
684	14022	CT4 aspects of EVGCS	Rel-7	C4	No	EVGCS-St23-c	27/08/2004	10/03/2006	100%	29.002	CP-050528	Siemens			08/03/2007				
685	752076	GERAN2 aspects	Rel-7	G2	No	EVGCS	27/08/2004	16/02/2007	100%		GP-071855	Siemens	co.uk	Gert	08/03/2007				
686	**11055**	**Improvements of VGCS for parallel use of serv**	**Rel-7**	**S1**	**No**	**IVGCS**	**15/03/2005**	**15/03/2007**	**100%**		**SP-070167**				**26/03/2007**				
687	31070	Service Requirements for VGCS improvements	Rel-7	S1	No	IVGCS	15/03/2005	08/06/2005	100%	42.068	SP-070167	T-Mobile	bile.at	lichael	29/03/2007	"completeed" as from Chris S			
688	32090	Stage 2 modifications for VGCS improvements	Rel-7	C1	No	IVGCS	01/12/2005	14/03/2007	100%	43.068	NP-050141	T-Mobile	bile.at		08/03/2007	Updated by CT1 chair			
689	**11057**	**Protocol aspects**	**Rel-7**	**C1**	**No**	**IVGCS**	**01/12/2005**	**15/03/2007**	**100%**	**44.068**	**NP-050141**	**T-Mobile**	**sohn**		**31/05/2006**	**Previous name (before CT3**			

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
690	11063	CT1 aspects of IVGCS	Rel-7	C1	No	IVGCS	01/12/2005	15/03/2007	100%	43.068, 44	CP-070118	T-Mobile			12/09/2007	end date updated by CT1-cha	
691	*14023*	*Deleted - CT4 aspects of IVGCS*	*Rel-7*	*C4*	No	*IVGCS-St3-c4*	*09/03/2007*	*09/03/2007*	*100%*	*29.002*	*NP-050141*	*T-mobile*			*29/03/2007*	*CT4#33 stage 2 solution is sti*	*CP-35*
692	**31071**	**OSA Rel-7**	**Rel-7**	**S1,C5**	**No**	**OSA7**	**15/03/2005**	**08/06/2007**	**100%**		**SP-050183**	**AePONA**	**.com**	**lichael**	**15/09/2005**		
693	31072	Service Requirements for OSA Service Broker	Rel-7	S1	No	OSA7-SB	15/03/2005	08/06/2005	100%	22.127	SP-050183	AePONA	a.com	Aichael	16/02/2006	az: WID URL corrected	
694	43011	Stage 2 OSA API Service Brokering	Rel-7	C5	No	OSA7-SB	28/04/2006	01/12/2006	100%	23.198	CP-060607	AePONA	a.com	Adrian	29/11/2006		
695	7017	Stage 3 OSA API Service Brokering	Rel-7	C5	No	OSA7-SB	28/04/2006	01/12/2006	100%	29.198-16		AePONA	a.com		29/11/2006		
696	**15039**	**OSA Stage 2/3 enhancements**	**Rel-7**	**C5**	**No**	**OSA7**	**28/04/2006**	**08/06/2007**	**100%**	**29.198/9, 2**	**CP-070200**	**AePONA**	**.com**	**Adrian**	**29/03/2007**	**CT#34: WID updated. Comp**	
697	7018	Parlay X Message Broadcast Web Service	Rel-7	C5	No	OSA7	28/04/2006	01/12/2006	100%	29.199-15,		ETRI			29/11/2006		
698	7019	Parlay X Geocoding Web Service	Rel-7	C5	No	OSA7	28/04/2006	01/12/2006	100%	29.199-16,		ETRI			29/11/2006		
699	7020	Parlay X Application driven QoS Web Service	Rel-7	C5	No	OSA7	28/04/2006	09/03/2007	100%	29.199-17,		BT			08/03/2007		
700	340001	Parlay-X Device Capabilities and Configuration	Rel-7	C5	No	OSA7	26/10/2006	08/06/2007	100%	29.199-18,		Telenor			22/06/2007		
701	340002	Parlay-X Multimedia Streaming Session Management Web S	Rel-7	C5	No	OSA7	26/10/2006	09/03/2007	100%	29.199-19,		Telenor			08/03/2007		
702	340003	Parlay-X Multimedia Multicast Control Web Service	Rel-7	C5	No	OSA7	26/10/2006	09/03/2007	100%	29.199-20,		ETRI			08/03/2007		
703	340004	OSA API Conference Call Control SCF	Rel-7	C5	No	OSA7	26/10/2006	09/03/2007	100%	29.198-04·		Ericsson			08/03/2007		
704	**31053**	**Selective Disabling of UE Capabilities**	**Rel-7**	**S1,S2,C1**	**No**	**SDoUE**	**24/01/2005**	**15/06/2007**	**100%**		**SP-050182**	**Motorola**	**.com**	**lichael**	**17/07/2008**	**Moved from FS section Feb**	
705	32088	Stage 1 of SDoUE	Rel-7	S1	No	SDoUE-CR	24/01/2005	08/12/2006	100%	22.011	SP-050182	Motorola	a.com	Aichael	17/07/2008	Moved from FS section Feb 0	
706	*32089*	*Deleted - TR on different possible architectures*	*Rel-7*	*S2*	No	*SDoUE-FS*	*21/03/2005*	*16/12/2005*	*100%*	*23.805 aba*	*SP-050182*	*Vodafone*	*.com*	laurice	*17/07/2008*	*Moved from FS section Feb 0*	*SP-30*
707	7036	Stage 3 of SDoUE	Rel-7	C1	No	SDoUE	10/03/2006	15/06/2007	100%	24.305	CP-070121	Ericsson	n.com	rederic	17/07/2008		
708	**7041**	**Network selection enhancements (NSP)**	**Rel-7**	**S1**	**No**	**NSP-CR**	**15/03/2006**	**15/06/2007**	**100%**	**22.101, 22**	**SP-060220**	**O2**	**.com**	**lichael**	**22/03/2006**		
709	320012	Stage 1 of NSP	Rel-7	S1	No	NSP-TS	15/03/2006	06/12/2006	100%	22.101, 22	SP-060220	O2	2.com	Aichael	15/04/2008		
710	320013	Procedural aspects of NSP	Rel-7	C1	No	NSP-CR	02/06/2006	15/06/2007	100%	23.122, 24	CP-060357	Motorola	lowell	rederic	04/05/2007		
711	25048	**Network selection enhancements (NSP) - UE C**	Rel-7	R5	Yes	NSP-CR_UEC	01/06/2007	05/12/2008	100%	34.108, 34	RP-080135	Nokia	a.com	lngbert	09/12/2008	RP#42 completed. SR in RP-4	
712	**32064**	**Access Class Barring and Overload Protection**	**Rel-7**	**S2,C1**	**No**	**ACBOP**	**15/03/2004**	**08/09/2006**	**100%**	**23.898**	**SP-040338**	**Vodafone**	**dney**	**aurice**	**15/07/2008**		
713	32065	TR on Stage 2	Rel-7	S2	No	ACBOP	15/03/2004	31/03/2005	100%	23.898	SP-040338	**NTT DoCoMo**	no.fr)		15/07/2008		
714	11048	Stage 3 CN aspects of ACBOP	Rel-7	C1	No	ACBOP	06/06/2005	31/01/2006	100%	24.008					15/07/2008	NEW - inserted on 2/9/2004	
715	*20010*	*Deleted - Potential impact on Iu interface Overload functionality*	*Rel-7*	*RP*	No	*ACBOP*	*15/03/2004*	*15/03/2004*	*100%*	*25.413*					*13/10/2004*		*RP-25*
716	*20009*	*Deleted - Extra ACBOP information in RAN*	*Rel-7*	*RP*	No	*ACBOP*	*15/03/2004*	*15/03/2004*	*100%*	*25.331*					*13/10/2004*		*RP-25*
717	*50117*	*Deleted - Extra ACBOP information in GERAN*	*Rel-7*	*GP*	No	*ACBOP*	*08/09/2006*	*08/09/2006*	*100%*	*44.018*				Gert	*20/07/2006*		*RP-33*
718	**32074**	**System enhancements for fixed broadband acc**	**Rel-7**	**C1,C3,C4**	**No**	**FBI**	**05/11/2003**	**15/03/2007**	**100%**					**aurice**	**21/10/2004**		
719	**7001**	**TISPAN Rel 1 related aspects**	**Rel-7**	**S2**	**No**	**FBI-TIS1**	**05/11/2003**	**09/03/2007**	**100%**						**16/02/2006**		
720	32075	Stage 2 of FBI for TISPAN R1	Rel-7	S2	No	FBI-TIS1	14/10/2004	08/03/2006	100%					laurice	31/05/2006		
721	**11050**	**Protocol impact of FBI for TISPAN R1**	**Rel-7**	**C1**	**No**	**FBI-TIS1**	**05/11/2003**	**09/03/2007**	**100%**		**NP-040618**	**Siemens**	**Leis**	**ederic**	**16/02/2006**		
722	11060	CT1 aspects of FBI for TISPAN R1	Rel-7	C1	No	FBI-TIS1	05/11/2003	30/11/2006	100%	24.819, 24	NP-040618	Siemens	r Leis	drijana	05/01/2007	end date updated by CT1-cha	
723	13025	CT3 aspects of FBI for TISPAN R1	Rel-7	C3	No	FBI-TIS1	05/11/2003	08/12/2006	100%	29.163, 29	NP-040618	Siemens	r Leis	drijana	12/10/2006		
724	14020	CT4 aspects of FBI for TISPAN R1	Rel-7	C4	No	FBI-TIS1-st3-c	13/01/2006	09/03/2007	100%	29.229	NP-040618	Siemens	r Leis	drijana	08/03/2007	CT4#32: a set of CRs on FBI	
725	33027	Security Enhancements for FBI	Rel-7	S3	No	FBI-ISE	28/06/2005	08/12/2005	100%	33.203	SP-050395	Ericsson	n.com	ionisio	29/05/2007	Duplicated entry ("ACCSEC2	
726	**7002**	**PacketCable Related aspects**	**Rel-7**	**S2,S5,C1**	**No**	**FBI-PCBL**	**01/02/2006**	**15/03/2007**	**100%**		**SP-060145**	**CableLabs**	**bben**		**16/02/2006**		
727	7003	Stage 1,2 of FBI for PacketCable	Rel-7	S2	No	FBI-PCBL	01/02/2006	15/12/2006	100%	22.228, 23	SP-060145	CableLabs	ibben		19/09/2006		
728	7004	Protocol impact of FBI for PacketCable	Rel-7	C1	No	FBI-PCBL	01/05/2006	15/03/2007	100%						08/03/2007		
729	7032	SA5 Charging aspects of FBI for PacketCable	Rel-7	S5	No	FBI-PCBL-CH	31/03/2006	07/12/2006	100%	32.240, 32	SP-060145	CableLabs	ibben	Adrian	29/03/2007	03/2006 SA#31 WID approve	
730	**32081**	**Support of SMS over generic 3GPP IP access**	**Rel-7**	**S2,C4,C1**	**No**	**SMSIP**	**14/10/2004**	**15/06/2007**	**100%**		**SP-060658**	**Huawei**	**.com**	**aurice**	**18/07/2008**	**SA#33 updated WID (remov**	
731	32094	FS on SMSIP	Rel-7	S2	No	SMSIP	14/10/2004	13/06/2005	100%	23.804	SP-060658	Huawei	i.com		15/07/2008	SA#33 updated WID	
732	32095	Stage 2 for SMSIP	Rel-7	S2	No	SMSIP	08/06/2005	15/09/2006	100%	23.204	SP-060658	Huawei	i.com		15/07/2008	SA#33 updated WID	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at	3, 200 e	Qt o Ja
733	**310001**	**Stage 3 for SMSIP**	**Rel-7**	**C4,C1**	**No**	**SMSIP-St3**	**08/06/2005**	**15/06/2007**	**100%**		**CP-060697**	**Nokia**	**.com**		**15/07/2008**	**CT#34 updated WID**			
734	310002	CT1 aspects for SMSIP	Rel-7	C1	No	SMSIP	08/06/2005	15/06/2007	100%	23.040, 24	CP-060697	Nokia	a.com		15/07/2008	CT#34 updated WID			
735	310003	CT4 aspects for SMSIP	Rel-7	C4	No	SMSIP-St3-c4	08/06/2005	01/06/2007	100%	23.008, 29	CP-060697	Nokia	a.com		15/07/2008	CT#34 updated WID			
736	**32082**	**Evolution of Policy Control and Charging**	**Rel-7**	**S5,C3,C1**	**No**	**PCC**	**14/10/2004**	**30/11/2007**	**100%**		**SP-060217**	**Nokia**	**.com**	**aurice**	**18/07/2008**	**SP-29 approved WID. SP-31**			
737	*32102*	*Deleted - TR for PCC*	*Rel-7*	*S2*	No	*PCC*	*14/10/2004*	*29/12/2005*	*100%*	*23.803*	*SP-060217*	*Nokia*	*.com*		*18/07/2008*	*SP-30: S2 has no intention fo*	*SP-33*		
738	32103	Stage 2 for PCC	Rel-7	S2	No	PCC	04/07/2005	15/09/2006	100%	23.203	SP-060217	Nokia	a.com		18/07/2008	SP-29 approved WID. SP-31			
739	32109	Evolution of policy control and flow based bearer level charging	Rel-7	S2	No	PCC	01/08/2006	29/12/2006	100%	23.207, 23	SP-060217	Nokia	a.com		18/07/2008	SP-29 approved WID. SP-31			
740	7033	SA5 Charging aspects of PCC	Rel-7	S5	No	PCC-CH	31/03/2006	15/06/2007	100%	32.250, 32	SP-060217	Orange	t.com	Adrian	18/07/2008	SP-31 updated WID with SA5			
741	13029	Gx reference point for Policy and Charging Control	Rel-7	C3	No	PCC-Gx	02/12/2005	30/11/2007	100%	29.212 (no	CP-060434	Siemens	s.com	ng Don	18/07/2008				
742	**13030**	**Rx reference point for PCC CT3 aspects**	**Rel-7**	**C3,C1**	**No**	**PCC-Rx**	**02/12/2005**	**30/11/2007**	**100%**		**CP-060435**	**Ericsson**	**.com**	**g Don**	**18/07/2008**	**WID approved at CT#30, Re**			
743	310006	PCC-Rx CT3 aspects	Rel-7	C3	No	PCC-Rx-c3	02/12/2005	30/11/2007	100%	29.213, 29	CP-060435	Ericsson	n.com	ng Don	18/07/2008				
744	7008	PCC-Rx CT1 aspects	Rel-7	C1	No	PCC-Rx-Gx-c1	02/12/2005	15/06/2007	100%	24.229	CP-060435	Ericsson	n.com		18/07/2008				
745	**32091**	**Voice call continuity between CS and IMS (incl**	**Rel-7**	**S5,C1,C4**	**No**	**VCC**	**31/12/2004**	**15/06/2007**	**100%**		**SP-060292**	**Alcatel-Lucent**	**.com**	**aurice**	**21/07/2008**	**WID approved SA#27; upda**			
746	32104	TR for VCC	Rel-7	S2	No	VCC	31/12/2004	08/12/2005	100%	23.806	SP-060292	Alcatel-Lucent	t.com		21/07/2008				
747	31085	Stage 1 for VCC	Rel-7	S1	No	VCC	17/03/2005	28/09/2005	100%	22.101	SP-060292	Alcatel-Lucent	t.com	Mike	21/07/2008				
748	32105	Stage 2 for VCC	Rel-7	S2	No	VCC	06/09/2005	08/09/2006	100%	23.206	SP-060292	Alcatel-Lucent	t.com		21/07/2008				
749	35079	SA5 Charging aspects of VCC	Rel-7	S5	No	VCC-CH	17/03/2006	14/06/2007	100%	32.250, 32	SP-060292	Orange	t.com	Adrian	21/07/2008	03/2006 SA#31 WID approve			
750	**11058**	**Stage 3 for VCC**	**Rel-7**	**C1,C4**	**No**	**VCC**	**01/02/2006**	**15/06/2007**	**100%**		**CP-070186**	**Alcatel-Lucent**	**.com**		**21/07/2008**				
751	11066	CT1 aspects of VCC	Rel-7	C1	No	VCC	01/02/2006	15/06/2007	100%	24.206, 24	CP-070186	Alcatel-Lucent	t.com	rederic	21/07/2008				
752	14027	CT4 aspects of VCC	Rel-7	C4	No	VCC-St3-c4	09/06/2006	09/03/2007	100%	23.003	CP-070186	Alcatel-Lucent	t.com	Kimmo	21/07/2008				
753	*13032*	*Deleted - CT3 aspects of VCC*	*Rel-7*	*C3*	No	*VCC*	*02/11/2006*	*02/11/2006*	*100%*	*29.163*	*CP-070186*	*Alcatel-Lucent*	*.com*		*21/07/2008*		*CP-33*		
754	**7046**	**One Tunnel solution for Optimisation of Packe**	**Rel-7**	**S2**	**No**	**OPTUNEL**	**27/03/2006**	**31/10/2007**	**100%**		**SP-060819**	**Nokia**	**.com**	**aurice**	**15/07/2008**				
755	*320002*	*Deleted - Study on Stage 2 for One Tunnel solution*	*Rel-7*	*S2*	No	*OPTUNEL-Stu*	*27/03/2006*	*15/09/2006*	*100%*	*23.809*	*SP-060819*	*Nokia*	*.com*	laurice	*15/07/2008*	*S2#52 CREATED. TR for Info*	*SP-34*		
756	340013	One Tunnel Deployment Guideline	Rel-7	S2	No	OPTUNEL-Gui	23/10/2006	31/10/2007	100%	23.919	SP-060819	Huawei	i.com	laurice	15/07/2008	S2#55 CREATED: SP-34 App			
757	320003	Stage 2 specification for One Tunnel solution	Rel-7	S2	No	OPTUNEL-Sta	11/09/2006	15/12/2006	100%	23.060	SP-060819	Nokia	a.com	laurice	15/07/2008	S2#52 CREATED			
758	**320029**	**CSI Terminating Session handling**	**Rel-7**	**S2,C1**	**No**	**CSItermS**	**08/06/2006**	**15/06/2007**	**100%**		**SP-060437**	**Samsung**	**Song**	**aurice**	**17/07/2008**	**Triggered by the abandone**			
759	340014	Stage 2 of CStermS	Rel-7	S2	No	CSItermS	08/06/2006	02/03/2007	100%	23.279	SP-060437	Samsung	Song	laurice	17/07/2008				
760	340015	Stage 3 of CStermS	Rel-7	C1	No	CSItermS	14/12/2006	15/06/2007	100%	24.229, 24	CP-070239	Samsung	g.com	rederic	17/07/2008	CP-34 approved WID. CP-35			
761	*340011*	*Deleted - duplicated with UID 340015 -Stage 3 CSI Terminating S*	*Rel-7*	*C1*	No	*CSItermS*	*09/03/2007*	*09/03/2007*	*100%*	*24.229, 24*	*CP-060647*	*Samsung*	*.com*	rederic	*17/07/2008*	*CP-34 approved WID*	*CP-34*		
762	33022	**Liberty Alliance and 3GPP Security Interworkin**	Rel-7	S3	No	LibSec	10/03/2005	30/11/2006	100%	33.980	SP-050145	Nokia	COM	laurice	16/07/2008	WID approved SA#27.			
763	33023	**Trust Requirements for Open Platforms in 3GP**	Rel-7	S3	No	TrustOP	03/01/2005	30/11/2006	100%	33.905	SP-040863	Nokia	COM	Michael	16/07/2008	WID approved SA#26.			
764	33024	**Development of UEA2 and UIA2**	Rel-7	S3	No	AlgUEA2	01/12/2004	09/12/2005	100%	35.919, 35	SP-040864	TeliaSonera	a.com	Michael	16/07/2008	WID approved SA#26, Deper			
765	33026	**Lawful Interception in the 3GPP Rel-7 architect**	Rel-7	S3	No	LI-7A	28/06/2005	08/12/2005	100%	33.106, 33	SP-050237	BMWI	itp.de	Mike	16/07/2008				
766	33028	**Key establishment between a UICC and a termi**	Rel-7	S3	No	KeyEstUTerm	07/12/2005	28/09/2006	100%	33.110	SP-050780	Gemalto	s.com		10/01/2008				
767	330008	**NDS Authentication Framework Extension for**	Rel-7	S3	No	NDSAFTLS	28/09/2006	06/12/2006	100%	33.310	SP-060507	Nokia	a.com	Michael	16/07/2008	TLS profile is moved to Rel-8			
768	**732030**	**Security enhancements**	**Rel-7**	**S3,C1,C4**	**No**	**SEC7**	**12/09/2005**	**30/11/2006**	**100%**						**16/07/2008**				
769	732031	HTTPS connection between a UICC and a NAF	Rel-7	S3,C1	No	SEC7-HSUN	12/09/2005	12/09/2005	100%	33.918, 33	SP-050573	Gemalto	s.com		16/07/2008				
770	732032	2G GBA: 2G SIM usage in 3GPP GAA framework	Rel-7	S3	No	SEC7-2GGBA	12/09/2005	05/12/2005	100%	33.920, 33	SP-050576	Nokia	a.com		16/07/2008				
771	732033	Generic Authentication Architecture usage extensions and optimi	Rel-7	S3	No	SEC7-GAA2	12/09/2005	30/11/2006	100%	33.220, 29	SP-060429	Nokia	a.com		16/07/2008	33.223 goes to R8			
772	**32034**	**SS7 TCAP security Gateway**	**Rel-7**	**S3,C4**	**No**	**SEC7-NDS-TC**	**12/09/2005**	**14/08/2006**	**100%**		**SP-050579**	**Siemens**	**.com**		**16/07/2008**				
773	310004	SA3 aspects of SEC7-NDS-TCAPsec	Rel-7	S3	No	SEC7-NDS-TC	12/09/2005	10/03/2006	100%	33.204	SP-050579	Siemens	s.com		16/07/2008				
774	310005	TCAPsec Gateway	Rel-7	C4	No	SEC7-TCAP	03/04/2006	14/08/2006	100%	29.204, 29	CP-060170	Siemens	ag.de	Kimmo	16/07/2008				
775	711052	**IMS Stage 3 IETF Protocol alignment**	Rel-7	C1	No	IMSProtoc	10/12/2004	15/03/2007	100%	24.930	CP-060101				29/05/2007	TR 24.930: Signalling flows fo			

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at	3, 200 e	Qt o Ja
776	**7043**	**Interoperability between VGCS/VBS and A/Gb f**	**Rel-7**	**C1,C4**	**No**	**VGCSFlex**	**22/03/2006**	**09/03/2007**	**100%**		**CP-060102**	**Siemens**	**.com**	**ederic**	**21/07/2008**				
777	7044	CT1 aspects of VGCSFlex	Rel-7	C1	No	VGCSFlex	22/03/2006	30/10/2006	100%	43.068, 43	CP-060102	Siemens	s.com		21/07/2008				
778	7045	CT4 aspects of VGCSFlex	Rel-7	C4	No	VGCSFlex-c4	22/03/2006	09/03/2007	100%	29.002	CP-060102	Siemens	s.com		21/07/2008				
779	13023	**DIAMETER on the GGSN Gi interface**	Rel-7	C3	No	DIAMGi	10/09/2004	08/12/2006	100%	29.061	CP-060431	Vodafone	e.com	ng Don	15/07/2008				
780	13022	**DIAMETER on the PDG Wi interface**	Rel-7	C3	No	DIAMWi	10/09/2004	08/12/2006	100%	29.161	CP-060432	Vodafone	e.com	ng Don	15/07/2008				
781	13033	**Interworking between the 3GPP CS domain wit**	Rel-7	C3	No	ExtSIPI	22/09/2006	22/07/2008	100%	29.164	CP-070101	Siemens	COM	ng Don	17/04/2008				
782	340047	**PDU multiplexing at Nb Interface with IP transp**	Rel-7	C3	No	NbIPMux	04/12/2006	22/07/2008	100%	29.414	CP-070105	Alcatel-Lucent	ent.fr	ng Don	04/05/2007	08/03/2007 08:00			
783	**14012**	**Mp (MRFC - MRFP) interface**	**Rel-7**	**C4,C1**	**No**	**Mp**	**13/02/2006**	**08/06/2007**	**100%**		**CP-070246**	**Ericsson**	**.com**	**Kimmo**	**15/07/2008**				
784	11061	CT1 aspects of Mp	Rel-7	C1	No	Mp	13/02/2006	13/02/2006	100%	24.229	CP-070246	Ericsson	n.com		15/07/2008				
785	*13026*	*Deleted - CT3 aspects of Mp*	*Rel-7*	*C3*	No	*Mp*	*22/09/2006*	*22/09/2006*	*100%*	*29.162*		*Ericsson*	*.com*		*15/07/2008*	*CT#34: CT3 not involved in M*	*CP-33*		
786	320009	Procedures description	Rel-7	C4	No	Mp-PROCc4	02/06/2006	09/03/2007	100%	23.333	CP-070246	Huawei	heng	Kimmo	15/07/2008				
787	14021	Stage 3	Rel-7	C4	No	Mp-St3c4	13/02/2006	08/06/2007	100%	29.333	CP-070246	Ericsson	n.com	Kimmo	15/07/2008				
788	340016	**Routeing of MT-SMs via the HPLMN**	Rel-7	C4,C1	No	SMSviaH	01/12/2006	09/03/2007	100%	23.040, 29	CP-070032	Vodafone	e.com	Kimmo	12/09/2007	WID approved in CT#34			
789	350003	**Mobile Termination whilst the MS is moving to**	Rel-7	C4	No	MTmovMS	09/03/2007	31/05/2007	100%	23.008, 23	CP-070334	Alcatel-Lucent	ent.fr		29/05/2007				
790	743009	**ISIM API for Java Card**	Rel-7	C6	No	APIJAVA	14/03/2005	27/07/2007	100%	31.103, 10	CP-050145	Sun	Hans	Gaby	12/09/2007	reported complete when chec			
791	330001	**High speed interface between the UICC and the**	Rel-7	C6	No	HSI	22/09/2006	30/11/2007	100%	31.101	CP-070259	Gemalto	COM	Gaby	11/01/2008	Following ETSI publication of			
792	34030	**Video Codec Performance Requirements**	Rel-7	S4	No	VICPer	03/01/2005	07/06/2007	100%	26.234, 26	SP-040836	Siemens	s.com	Paolo	29/05/2007				
793	34032	**Dynamic and Interactive Multimedia Scenes**	Rel-7	S4	No	DIMS	15/03/2005	07/06/2007	100%	26.140, 26	SP-050195	Streamezzo	o.com	Paolo	29/05/2007				
794	34034	**3G-324M Video Telephony Call Setup Times Im**	Rel-7	S4	No	VTCSTI	08/06/2005	27/09/2006	100%	26.911	SP-050404	Vodafone	co.uk	Paolo	29/11/2006				
795	**34035**	**Optimizations for Multimedia Telephony over II**	**Rel-7**	**S4**	**No**	**OMTIMS**	**28/09/2005**	**28/09/2005**	**100%**	**26.235, 26**	**SP-060226**	**Ericsson**	**.com**	**Paolo**	**29/03/2007**				
796	*34037*	*Deleted - Characterisation of Adaptive Jitter Management Perfor*	*Rel-7*	*S4*	No	*OMTIMS-CAJI*	*28/09/2005*	*28/09/2005*	*100%*		*SP-050432*	*Lucent*	*.com*	Paolo	*29/03/2007*	*SP-35 stopped*	*SP-35*		
797	34036	**End-to-End Multimedia Services Performance I**	Rel-7	S4	No	E2EMSPM	28/09/2005	15/03/2007	100%	26.944	SP-050433	China Mobile	e.com	Paolo	08/03/2007				
798	34039	**Packet Switched Streaming Enhancements**	Rel-7	S4	No	PSSe	08/06/2006	07/06/2007	100%	26.234, 26	SP-060361	Ericsson	n.com	Paolo	29/05/2007				
799	**35041**	**OAM&P**	**Rel-7**	**S5**	**No**	**OAM7**	**02/09/2005**	**26/06/2007**	**100%**		**TR 30.817**	**Huawei**	**.com**	**Adrian**	**29/03/2007**				
800	**35042**	**Network Infrastructure Management**	**Rel-7**	**S5**	**No**	**OAM7-NIM**	**02/09/2005**	**14/06/2007**	**100%**						**29/03/2007**				
801	35044	Enhance NRM to accommodate NGN (IMS as basis of the N	Rel-7	S5	No	OAM7-NIM	02/09/2005	14/06/2007	100%	32.731/2/3	SP-050302	Motorola			29/03/2007				
802	35046	Co-operative Element Management interface (CO-OP) (Stu	Rel-7	S5	No	OAM7-NIM	02/09/2005	15/03/2007	100%	32.806, 32	SP-050304	Motorola			29/03/2007				
803	35047	Network Management (NM) Itf-N performance criteria	Rel-7	S5	No	OAM7-NIM	02/09/2005	14/06/2007	100%	32.811	SP-050305	China Mobile			22/06/2007				
804	35048	Delta synchronization between IRP Manager and IRP Agent	Rel-7	S5	No	OAM7-NIM	02/09/2005	14/06/2007	100%	32.391/2/3	SP-050306	Siemens			22/06/2007				
805	35049	Subscription Management (SuM) IRP Solution Sets	Rel-7	S5	No	OAM7-NIM	02/09/2005	07/12/2006	100%	32.307/31	SP-060739	Ericsson			29/03/2007				
806	35050	Integration Reference Point (IRP) Security Management	Rel-7	S5	No	OAM7-NIM	02/09/2005	15/03/2007	100%	32.372/3/5	SP-050308	Huawei	i.com		29/03/2007				
807	35052	Partial suspension of Itf-N during maintenance/testing (Stud	Rel-7	S5	No	OAM7-NIM	02/09/2005	14/06/2007	100%	32.381/2/3	SP-050310	Siemens			22/06/2007				
808	*35054*	*Deleted - Management of Legacy Equipment*	*Rel-7*	*S5*	No	*OAM7-NIM*	*02/09/2005*	*15/12/2006*	*100%*	*new 32.xx*	*SP-050312*	*Siemens*			*29/03/2007*	*Request to TSG#35 to STOP*	*SP-35*		
809	*35055*	*Deleted - Rules for Vendor Specific Extensions*	*Rel-7*	*S5*	No	*OAM7-NIM*	*02/09/2005*	*15/03/2007*	*100%*	*32.62n; Fo*	*SP-050313*	*Siemens*			*29/03/2007*	*Request to TSG#35 to STOP*	*SP-35*		
810	35064	Backward and Forward Compatibility of IRP systems	Rel-7	S5	No	OAM7-NIM	02/09/2005	14/06/2007	100%	32.154	SP-050630	Ericsson			22/06/2007	Submit extension Sheet for T			
811	35071	Repeater Network Resource Model (NRM) definition	Rel-7	S5	No	OAM7-NIM	13/02/2006	07/12/2006	100%	32.721/2/3	SP-050731	China Mobile			29/03/2007				
812	35072	UTRAN radio channel power monitoring	Rel-7	S5	No	OAM7-NIM	13/02/2006	15/03/2007	100%	32.405, 32	SP-050733	China Mobile			29/03/2007				
813	340009	Notification XML Schema	Rel-7	S5	No	OAM7-NIM	07/12/2006	15/03/2007	100%	New 32.32	SP-060754	Huawei	i.com		29/03/2007	12/2006 SA#34 WID approve			
814	**35043**	**Performance Management**	**Rel-7**	**S5**	**No**	**OAM7-PM**	**02/09/2005**	**14/06/2007**	**100%**						**29/03/2007**				
815	35057	Performance measurements definition for CN CS	Rel-7	S5	No	OAM7-PM	02/09/2005	15/03/2007	100%	32.407, 32	SP-050315	China Mobile			29/03/2007				
816	35058	Enhancement UTRAN performance measurements definitio	Rel-7	S5	No	OAM7-PM	02/09/2005	14/06/2007	100%	32.405	SP-050316	China Mobile			22/06/2007	Submit extension Sheet for T			
817	35059	Add TDD specific counters in Performance measurement	Rel-7	S5	No	OAM7-PM	02/09/2005	07/12/2006	100%	32.405	SP-050317	CATT			29/03/2007				
818	35060	ATM bearer network Performance measurements	Rel-7	S5	No	OAM7-PM	02/09/2005	15/03/2007	100%	No impact	SP-050318	ZTE			29/03/2007				

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	handonn at
819	35069	Performance measurements definition for IMS	Rel-7	S5	No	OAM7-PM	02/09/2005	14/06/2007	100%	32.404,32.	SP-050631	China Mobile			22/06/2007	Submit extension Sheet for T	
820	35073	HSDPA performance measurements	Rel-7	S5	No	OAM7-PM	13/02/2006	14/06/2007	100%	32.405	SP-060379	China Mobile			22/06/2007	Submit extension Sheet for T	
821	**35039**	**Trace Management**	**Rel-7**	**S5**	**No**	**OAM7-Trace**	**02/09/2005**	**26/06/2007**	**100%**		**SP-050628**	**Vodafone**			**29/03/2007**		
822	35040	End-to-end Service Level tracing for IMS	Rel-7	S5	No	OAM7-Trace	11/11/2005	15/03/2007	100%	CR 32.101	SP-050627	Vodafone			29/03/2007	07/2005: OMA (Stage 1), Sta	SP-31
823	35062	Trace record content for UTRAN TDD	Rel-7	S5	No	OAM7-Trace	02/09/2005	07/12/2006	100%	CR 32.421	SP-050628	Nokia			29/03/2007		
824	35063	IRP for Subscriber and Equipment Trace Management	Rel-7	S5	No	OAM7-Trace	02/09/2005	14/06/2007	100%	32.441/2/3	SP-050629	Nokia			22/06/2007	Submit extension Sheet for T	
825	*11046*	*Deleted - SIP enhancements for trace*	*Rel-7*	*C1*	No	*OAM7-Trace*	*15/06/2007*	*26/06/2007*	*100%*						*29/11/2006*	*combined with UID 11067*	*CP-32*
826	*35070*	*Deleted - duplicated with UID 35063 - IRP for Subscriber an*	*Rel-7*	*S5*	No	*OAM7-Trace*	*02/09/2005*	*15/12/2006*	*100%*	*32.421,32.*	*SP-050629*	*Nokia*			*29/03/2007*		*SP-33*
827	**320007**	**Charging Management small Enhancements R**	**Rel-7**	**S5**	**No**	**CH7**	**22/05/2006**	**14/06/2007**	**100%**	**32.2xy**		**Orange**	**.com**	**Adrian**	**23/06/2006**		
828	320008	Alternate Charged Party (ACP) for IMS	Rel-7	S5	No	CH7-IMS-ACP	22/05/2006	14/06/2007	100%	32.240, 32	SP-060442	Lucent	t.com		22/06/2007		
829	330004	Align 3GPP Charging with OMA PoC Enabler Release 2.0	Rel-7	S5	No	CH7-PoC	28/09/2006	14/06/2007	100%	32.240, 32	SP-060546	Siemens	s.com	Adrian	22/06/2007	09/2006 SA#33 WID approve	
830	**2468**	**Multiple Input Multiple Output antennas (MIMO**	**Rel-7**	**R1**	**No**	**MIMO**	**14/03/2003**	**17/09/2007**	**100%**	**25.876, 25**	**RP-0300192**	**Alcatel-Lucent**	**.com**	**Patrick**	**25/06/2008**	**Completed Sep 2007; SR in**	
831	21006	MIMO - Physical layer	Rel-7	R1	No	MIMO-Phys	12/09/2003	15/03/2007	100%	25.211, 25	RP-0300192	Alcatel-Lucent	t.com	Patrick	24/06/2008	Completed Sep 2007; SR in F	
832	22003	MIMO - Layer 2,3 aspects	Rel-7	R2	No	MIMO-L23	12/09/2003	15/03/2007	100%	25.876	RP-0300192	Alcatel-Lucent	t.com	Joern	24/06/2008	Completed Sep 2007; SR in F	
833	23008	MIMO - Iub/Iur Protocol Aspects	Rel-7	R3	No	MIMO-IurIub	14/03/2003	15/03/2007	100%		RP-0300192	Alcatel-Lucent	t.com	uergen	24/06/2008	Completed Sep 2007; SR in F	
834	24008	MIMO - RF Radio Transmission/Reception, System Performance	Rel-7	R4	No	MIMO-RF	12/12/2003	17/09/2007	100%		RP-0300192	Alcatel-Lucent	t.com	tefania	24/06/2008	Completed Sep 2007; SR in F	
835	**20028**	**Rel-7 Improvements of the Radio Interface**	**Rel-7**	**RP**	**No**	**RInImp**	**15/09/2004**	**04/06/2007**	**100%**					**ıergen**	**25/06/2008**	**Generic feature**	
836	20060	Extended UMTS 1.7/2.1 GHz	Rel-7	R4	No	RInImp-UMTS	15/03/2006	15/12/2006	100%	25.806, 25	RP-060180	Ericsson	ı.com	tefania	18/01/2007	Completed Dec 2006; SR in F	
837	20067	UMTS 2.6 GHz 7.68 Mcps TDD	Rel-7	R4	No	RInImp-UMTS	15/06/2006	15/09/2006	100%	25.102, 25	RP-060349	IPWireless	.com)	tefania	24/06/2008	Completed Sep 2006; SR in F	
838	20021	UMTS 2.6 GHz	Rel-7	R4	No	RInImp-UMTS	15/09/2004	14/06/2005	100%	25.101, 25	RP-040397	Nokia	ı.com	tefania	24/06/2008	Completed Jun 2005, SR in R	
839	20025	UMTS 2.6 GHz TDD	Rel-7	R4	No	RInImp-UMTS	15/12/2004	14/12/2005	100%	25.102, 25	RP-040553	IPWireless	COM)	tefania	24/06/2008	Completed Dec 2005, SR in F	
840	20027	UMTS 900 MHz	Rel-7	R4	No	RInImp-UMTS	15/12/2004	14/12/2005	100%	25.101, 25	RP-040541	Nortel	.com)	tefania	24/06/2008	Completed Dec 2005, SR in F	
841	20043	UMTS 1700 MHz	Rel-7	R4	No	RInImp-UMTS	15/03/2005	14/12/2005	100%	25.101, 25	RP-050385	NTT DoCoMo	O.JP	tefania	24/06/2008	Completed Dec 2005; SR in F	
842	20024	UE Antenna Performance Evaluation Method and Requirements	Rel-7	R4	No	RInImp-UEAnt	15/12/2004	04/06/2007	100%	25.101, 25	RP-050122	TeliaSonera	ı.com	tefania	24/06/2008	RP#36 (May 2007) completed	
843	20045	Improved Performance Requirements for HSDPA UE based on F	Rel-7	R4	No	RInImp-HSPer	15/03/2005	15/03/2005	100%	25.101	RP-050362	Cingular	r.com	tefania	24/06/2008	Completed Mar 2006, SR in F	
844	**20062**	**Additional minimum UE performance requirement for non-H**	**Rel-7**	**R4**	**No**	**RInImp-RxDiv**	**15/09/2005**	**15/12/2006**	**100%**	**25.101**		**Qualcomm**	**com)**	**efania**	**24/06/2008**	**BB contains 3 WTs**	
845	20048	Additional minimum UE performance requirement for DL phy	Rel-7	R4	No	RInImp-RxDiv-	15/09/2005	14/06/2006	100%	25.101	RP-060185	Cingular	r.com	tefania	24/06/2008	Completed Jun 2006, SR in R	
846	7028	Additional minimum UE performance requirement for downli	Rel-7	R4	No	RInImp-RxDiv-	15/03/2006	15/12/2006	100%	25.101	RP-060183	Qualcomm	.com)	tefania	24/06/2008	Completed Dec 2006, SR in F	
847	7029	Additional minimum UE performance requirement for downli	Rel-7	R4	No	RInImp-RxDiv-	15/03/2006	15/12/2006	100%	25.101	RP-060184	Qualcomm	.com)	tefania	24/06/2008	Completed Dec 2006, SR in F	
848	*20049*	*Deleted Improved support of gaming over HSDPA/EDCH*	*Rel-7*	*R2*	No	*RInImp-Gamin*	*15/12/2005*	*15/12/2006*	*100%*		*Work_Items*	*Cingular*	*.com*	*_RAN*	*03/04/2007*	*RP#34 (Dec 2006) stopped.*	*RP-34*
849	*20047*	*Deleted (not approved at PCG) - UMTS 2.6 GHz FDD DL Extern*	*Rel-7*	*R4*	No	*RInImp-UMTS.*	*15/09/2005*	*15/09/2005*	*100%*	*25.101, 25*		*T-mobile*	*le.de*	tefania	*22/12/2005*	*This item was conditionnaly a*	*RP-31*
850	**25025**	**Rel-7 Improvements of the Radio Interface - UE**	**Rel-7**	**R5**	**No**	**RInImp-UECo**	**11/11/2005**	**12/09/2008**	**100%**		**ot applicable**			**ngbert**	**01/06/2008**	**05/08: Linked to Feature UII**	
851	25007	**UE conformance testing for UMTS 2600 MHz**	Rel-7	R5	No	RInImp-UMTS	11/11/2005	02/06/2006	100%	34.108, 34	Work_Items	Nokia	-leino	lngbert	21/03/2006		
852	25008	**UE Conformance Test for UMTS 900 MHz (band V**	Rel-7	R5	No	RInImp-UMTS	11/11/2005	02/06/2006	100%	34.108, 34	Work_Items	Qualcomm	ı.com	lngbert	21/03/2006		
853	25013	**Conformance Test Aspects – Improved Performa**	Rel-7	R5	No	RInImp-HSPer	10/03/2006	01/12/2006	100%	34.121, 34	Work_Items	Motorola	ı.com	lngbert	21/03/2006		
854	25020	**UE antenna Over The Air (OTA) conformance test**	Rel-7	R5	Yes	RInImp-UEAnt	20/09/2006	12/09/2008	100%	34.114	RP-060486	Nokia	ı.com	lngbert	14/09/2008	SR in RP-080535. RP#41 cor	
855	25015	**UE conformance testing for FDD Inter-Band Oper**	Rel-7	R5	No	RInImp-InterBa	02/06/2006	01/12/2006	100%	34.108, 34	Work_Items	NEC, Motorola	ı.com	lngbert	01/12/2006		
856	25028	**Conformance Test Aspects – Extended UMTS 1.7**	Rel-7	R5	No	RInImp-UECor	01/12/2006	01/06/2007	100%	34.108, 34	RP-060676	Motorola	ı.com	lngbert	11/06/2007		
857	25039	**Conformance Test Aspects – Minimum UE perfor**	Rel-7	R5	No	RInImp-UECor	01/06/2007	07/12/2007	100%		RP-070414	Motorola	ı.com	lngbert	11/09/2007		
858	25040	**Conformance Test Aspects – Minimum UE perfor**	Rel-7	R5	Yes	RInImp-UECor	01/06/2007	07/03/2008	100%		RP-070381	Ericsson	ı.com	lngbert	10/03/2008	SR in RP-080056	
859	**20029**	**Rel-7 RAN improvements**	**Rel-7**	**RP**	**No**	**RANimp**	**15/12/2004**	**15/06/2007**	**100%**					**ıergen**	**25/06/2008**	**Generic feature**	
860	20026	Optimisation of channelisation code utilisation for 1.28 Mcps TDD	Rel-7	R1	No	RANimp-RABS	15/12/2004	15/12/2006	100%		RP-040552	UTStarcom	COM)	Patrick	25/06/2008	Completed Dec 2006; SR in F	
861	20031	Delay optimisation for procedures applicable to CS and PS Conn	Rel-7	R2	No	RANimp-Delay	15/03/2005	15/09/2006	100%	25.815, 25	RP-050386	Nokia	ı.com	Joern	25/06/2008	Completed Sep 2006; SR in F	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
862	20032	Improved support of IMS Realtime Services using HSDPA/HSUP	Rel-7	R2	No	RANimp-IMSR	15/03/2005	14/12/2005	100%		RP-050160	Cingular	COM	Joern	25/06/2008	Closed Dec 2005; SR in RP-(	
863	20033	UE Performance Requirements for MBMS (TDD)	Rel-7	R4	No	MBMS-RAN-R	15/03/2005	15/06/2006	100%	25.102, 25	RP-050156	IPwireless	s.com	tefania	25/06/2008	Completed Sep 2006; SR in F	
864	20046	Continuous connectivity for packet data users	Rel-7	R1	No	RANimp-CPC	14/03/2005	15/03/2007	100%	25.903, 25	RP-050870	Siemens	.com	Patrick	25/06/2008	Completed at Mar 2007; SR i	
865	7030	Extended WCDMA Cell Range	Rel-7	R3	No	RANimp-ExtCe	15/03/2006	15/12/2006	100%	25.133, 25	RP-060212	Ericsson	Kazmi	uergen	25/06/2008	Completed Dec 2006; SR in F	
866	7031	7.68 Mcps TDD Enhanced Uplink	Rel-7	R1	No	RANimp-VHCF	15/03/2006	15/12/2006	100%	25.201, 25	RP-060119	IPwireless	s.com	Patrick	25/06/2008	Completed Dec 2006; SR in F	
867	330009	Enhanced CELL_FACH State in FDD	Rel-7	R2	No	RANimp-EnhS	25/09/2006	04/06/2007	100%	25.308, 25	RP-070245	Nokia	a.com	Joern	25/06/2008	Completed May 2007; SR in F	
868	340038	64QAM for HSDPA (FDD)	Rel-7	R1	No	RANimp-64Qa	15/12/2006	04/06/2007	100%	25.308, 25	RP-070223	Ericsson	n.com	Patrick	25/06/2008	Completed May 2007; SR in F	
869	340039	Improved L2 support for high data rates	Rel-7	R2	No	RANimp-L2Da	15/12/2006	04/06/2007	100%	25.301, 25	RP-070242	Ericsson	n.com	Joern	25/06/2008	Completed May 2007; SR in F	
870	340040	Introduction of 16QAM in HSUPA (FDD)	Rel-7	R1	No	RANimp-16Qa	15/12/2006	04/06/2007	100%	25.319, 25	RP-060844	Nokia	a.com	Patrick	25/06/2008	Completed May 2007; SR in F	
871	**20066**	**Interface to control Tower Mounted Amplifiers (TMAs)**	**Rel-7**	**R3**	**No**	**RANImp-TMA**	**26/01/2007**	**15/06/2007**	**100%**		**RP-060418**	**Vodafone**	**.com**	**uergen**	**25/06/2008**	**Completed Mar 2007; SR in**	
872	340045	OAM aspects to Interface to control TMAs	Rel-7	S5	No	RANImp-TMA-	26/01/2007	15/06/2007	100%	32.642/3/5		Vodafone	e.com	Adrian	25/06/2008	SA#36 Jun 2007 completed	
873	**25026**	**Rel-7 RAN improvements - UE Conformance Te**	**Rel-7**	**R5**	**No**	**RANimp-UEC**	**20/09/2006**	**13/03/2009**	**97%**		**ot applicable**			**ngbert**	**01/06/2008**	**05/08: Linked to Feature UII**	
874	25021	**Conformance Test Aspects - 3.84 Mcps and 7.68**	Rel-7	R5	Yes	RANimp-UECc	20/09/2006	12/09/2008	100%	34.108, 34	RP-060484	IPWireless	s.com	lngbert	14/09/2008	SR in RP-080536. RP#41 cor	
875	25031	**Conformance Test Aspects – 64QAM for HSDPA**	Rel-7	R5	Yes	RANimp-UECc	09/03/2007	03/03/2008	100%	34.108, 34	RP-071319	Ericsson	n.com	lngbert	09/09/2008	SR in RP-080059. RP#39 cor	
876	25032	**Conformance Test Aspects – 16QAM for HSUPA**	Rel-7	R5	Yes	RANimp-UECc	09/03/2007	30/05/2008	100%	34.108, 34	RP-070022	Motorola	a.com	lngbert	03/06/2008	SR in RP-080281. RP#40 cor	
877	25033	**Conformance Test Aspects – Improved L2 suppo**	Rel-7	R5	Yes	RANimp-UECc	09/03/2007	30/05/2008	100%	34.108, 34	RP-070020	Ericsson	n.com	lngbert	09/09/2008	SR in RP-080256. RP#40 cor	
878	25034	**Conformance Test Aspects – Continuous connec**	Rel-7	R5	Yes	RANimp-UECc	09/03/2007	30/05/2008	100%	34.108, 34	RP-070023	Nokia	a.com	lngbert	03/06/2008	SR in RP-080282. RP#40 cor	
879	25035	**Conformance Test Aspects – Enhanced CELL_F/**	Rel-7	R5	No	RANimp–UEC	09/03/2007	13/03/2009	85%	34.108, 34	RP-080730	Nokia	a.com	lngbert	09/12/2008	Target completion 09/08=>03	
880	**20014**	**7.68Mcps TDD option**	**Rel-7**	**RP**	**No**	**VHCRTDD**	**15/09/2004**	**15/06/2006**	**100%**		**RP-060119**	**IPwireless**	**com)**	**uergen**	**25/06/2008**	**Completed Dec 2006, SR in**	
881	20015	VHCRTDD: Stage 2	Rel-7	R1	No	VHCRTDD-Sta	15/09/2004	15/03/2006	100%	25.202	Items_History	IPwireless	.com)	_RAN	22/03/2006	Feature completed and close	
882	20016	VHCRTDD: Physical Layer	Rel-7	R1	No	VHCRTDD-Phy	15/09/2004	15/03/2006	100%	25.221, 25	Items_History	IPwireless	.com)	_RAN	22/03/2006	Feature completed and close	
883	20017	VHCRTDD: Layer 2 and layer 3 protocol aspects	Rel-7	R2	No	VHCRTDD-L2	15/09/2004	15/03/2006	100%	25.301, 25	Items_History	IPwireless	s.com	_RAN	22/03/2006	Feature completed and close	
884	20018	VHCRTDD: UTRAN Iub/Iur Protocol Aspects	Rel-7	R3	No	VHCRTDD-Iur	15/09/2004	15/03/2006	100%	25.401, 25	Items_History	IPwireless	.com)	_RAN	22/03/2006	Feature completed and close	
885	20019	VHCRTDD: RF Radio Transmission/ Reception, System Perform	Rel-7	R4	No	VHCRTDD-RF	15/09/2004	15/06/2006	100%	25.102, 25	Items_History	IPwireless	.com)	_RAN	22/03/2006	Feature completed and close	
886	**20035**	**3.84 Mcps TDD Enhanced Uplink**	**Rel-7**	**RP**	**No**	**EDCHTDD**	**15/03/2005**	**15/09/2006**	**100%**		**RP-050100**	**IPwireless**	**.com**	**uergen**	**25/06/2008**	**Completed Sep 2006, SR in**	
887	20036	EDCHTDD: Stage 2	Rel-7	R2	No	EDCHTDD-Sta	15/03/2005	15/06/2006	100%		Items_History	IPwireless	s.com	_RAN	23/06/2006		
888	20037	EDCHTDD: Physical Layer	Rel-7	R1	No	EDCHTDD-Phy	15/03/2005	15/09/2006	100%	25.201, 25	Items_History	IPwireless	s.com	_RAN	23/06/2006		
889	20038	EDCHTDD: Layer 2 and 3 Protocol Aspects	Rel-7	R2	No	EDCHTDD-L2	15/03/2005	15/09/2006	100%	25.301, 25	Items_History	IPwireless	s.com	_RAN	23/06/2006		
890	20039	EDCHTDD: UTRAN Iub/Iur Protocol Aspects	Rel-7	R3	No	EDCHTDD-Iur	15/03/2005	15/09/2006	100%	25.401, 25	Items_History	Interdigital	l.com	_RAN	23/06/2006		
891	20040	EDCHTDD: RF Radio Transmission/ Reception, System Perform	Rel-7	R4	No	EDCHTDD-RF	15/03/2005	15/09/2006	100%	25.102, 25	Items_History	IPwireless	.com)	_RAN	23/06/2006		
892	**20055**	**1.28 Mcps TDD Enhanced Uplink**	**Rel-7**	**RP**	**No**	**LCRTDD-EDC**	**15/03/2006**	**15/06/2007**	**100%**		**RP-060202**	**CATT**	**ng Hu**	**uergen**	**25/06/2008**	**Completed May 2007; SR in**	
893	20056	1.28 Mcps TDD Enhanced Uplink: Physical Layer	Rel-7	R1	No	LCRTDD-EDC	15/03/2006	15/03/2007	100%	25.201, 25	Work_Items	CATT	Wang	_RAN	03/04/2007		
894	20057	1.28 Mcps TDD Enhanced Uplink: Layer 2 and 3 Protocol Aspect	Rel-7	R2	No	LCRTDD-EDC	15/03/2006	15/03/2007	100%	25.301, 25	Work_Items	CATT	Quan	_RAN	03/04/2007		
895	20058	1.28 Mcps TDD Enhanced Uplink: UTRAN Iub/Iur Protocol Aspe	Rel-7	R3	No	LCRTDD-EDC	15/03/2006	15/03/2007	100%	25.401, 25	Work_Items	CATT	Zhang	_RAN	03/04/2007		
896	20059	1.28 Mcps TDD Enhanced Uplink: RF Radio Transmission/ Rece	Rel-7	R4	No	LCRTDD-EDC	15/03/2006	15/06/2007	100%	25.102, 25	Work_Items	CATT	Song	_RAN	22/06/2007		
897	350146	**1.28 Mcps TDD Enhanced Uplink - UE Conform**	Rel-7	R5	Yes	LCRTDD-EDC	20/09/2007	12/09/2008	100%	34.108, 34	RP-070724	CATT	ile.cn	lngbert	11/09/2008	UID_350046->350146. 05/08	
898	50118	**MS Antenna Performance Evaluation Method a**	Rel-7	GP	No	APEMR	28/01/2005	16/11/2007	100%	25.914, 25	GP-050284	TeliaSonera	a.com	Paolo	19/05/2008	GP#36 completed for R7	
899	**50119**	**Lower 700 MHz Inclusion in the GERAN Specifi**	**Rel-7**	**GP**	**No**	**GSM710**	**03/01/2005**	**30/06/2006**	**100%**	**24.008, 43**	**GP 050543**	**UTC**	**.com**	**Paolo**	**19/09/2006**		
900	51138	Inclusion of the 698 – 746 MHz band into GERAN core specificat	Rel-7	G1	No	GSM710-core	03/01/2005	30/06/2005	100%	24.008, 43				Paolo	15/09/2005	Completed	
901	53084	G1 aspects of GSM710	Rel-7	G1	No	GSM-710-test	31/08/2005	30/06/2006	100%	51.021				Paolo	20/07/2006		
902	55094	G3 aspects of GSM710	Rel-7	G3	No	GSM-710-test	31/08/2005	30/06/2006	100%	51.010				Stoyan	17/07/2006		
903	**50564**	**Support of Conversational Services in A/Gb mo**	**Rel-7**	**GP**	**No**	**SCSAGB**	**08/04/2005**	**31/08/2007**	**100%**		**GP-061501**	**Ericsson**	**.com**	**Paolo**	**29/05/2007**	**Originally started Nov. 2003**	
904	52143	Minimise the transfer delay between the SGSN and the MS	Rel-7	GP	No	SCSAGB-MTD	08/04/2005	31/08/2007	100%		GP-061501	Ericsson	n.com	Paolo	10/01/2008		

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
905	51137	Definition of radio resource management functionality	Rel-7	G1	No	SCSAGB-RRM	08/04/2005	31/08/2007	100%		GP-061502	Ericsson	.com	Paolo	10/01/2008		
906	52144	Support of Conversational Services in A/Gb mode via the PS dor	Rel-7	G2	No	SCSAGB-RLC	30/06/2006	17/11/2006	100%	43.955, 43	GP-061503	Ericsson	.com	Gert	10/01/2008		
907	*52138*	*Deleted- Radio Channel Support*	*Rel-7*	*G2*	No	*SCSAGB-RCh*	*17/07/2006*	*17/07/2006*	*100%*		*GP-051166*	*Ericsson*	*.com*	Gert	*11/05/2006*		*SP-32*
908	*52139*	*Deleted- Modifications to FLO*	*Rel-7*	*G2*	No	*SCSAGB-FLO*	*17/07/2006*	*17/07/2006*	*100%*		*GP-051165*	*Ericsson*	*.com*	Gert	*09/03/2006*		*SP-32*
909	**50565**	**Addition of new frequency band to GSM (T-GSI**	**Rel-7**	**GP**	**No**	**TGSM810**	**08/04/2005**	**31/08/2007**	**100%**	**45.005, 45**	**GP-050945**	**Huawei**	**.com**	**Paolo**	**29/05/2007**		
910	50566	Changes to core specification	Rel-7	GP	No	TGSM810-Cor	08/04/2005	02/09/2005	100%	45.005, 45	GP-050946	Huawei	i.com	Paolo	15/09/2005		
911	55092	Changes to MS testing specification	Rel-7	G3	No	TGSM810-MSI	08/04/2005	31/08/2007	100%	51010-1	GP-050947	Huawei	i.com	Stoyan	12/09/2007		
912	53082	Changes to BTS testing specification	Rel-7	G1	No	TGSM810-BTS	08/04/2005	11/11/2005	100%	51021	GP-050948	Huawei	i.com	Paolo	22/12/2005		
913	**50567**	**Handover of dedicated and shared resources v**	**Rel-7**	**GP**	**No**	**HODSRDTM**	**08/04/2005**	**17/11/2006**	**100%**		**GP-050979**	**Nokia**	**.com**	**Paolo**	**19/09/2006**	**Started at GERP#24**	
914	55093	Handover of dedicated and shared resources while in dual transf	Rel-7	G2	No	HODSRDTM-(	08/04/2005	30/06/2006	100%	43.055, 44	GP-050979	Nokia	a.com	Gert	17/07/2006	Started at GERP#24	
915	55095	MS Conformance Testing	Rel-7	G3	No	HODSRDTM-M	08/04/2005	17/11/2006	100%	51-010	GP-050979	Nokia	a.com	Stoyan	19/09/2006	Stopped, no work done	
916	53083	BTS conformance testing	Rel-7	G1	No	HODSRDTM-E	08/04/2005	17/11/2006	100%	51.026	GP-050979	Nokia	a.com	Paolo	19/09/2006	Stopped, no work done	
917	**50569**	**Mobile Station Receive Diversity (DARP Phase**	**Rel-7**	**GP**	**No**	**MSRD2**	**11/11/2005**	**16/11/2007**	**100%**	**24.008, 45**	**GP-061491**	**Nokia**	**.com**	**Paolo**	**19/05/2008**	**GP#37 completed.**	
918	50571	Performance Requirements for Mobile Station Receive Diversity,	Rel-7	GP	No	MSRD2-PerfR	11/11/2005	16/02/2007	100%	45.005	GP-060115	Nokia	a.com	Paolo	08/03/2007		
919	50572	Capability signalling of Mobile Station Receive Diversity, DARP F	Rel-7	GP	No	MSRD2-CapSi	11/11/2005	16/02/2007	100%	24.008	GP-060116	Nokia	a.com	o, Gert	08/03/2007		
920	50573	Test Scenarios for Mobile Station Receive Diversity, DARP Phas	Rel-7	GP	No	MSRD2-TestS	11/11/2005	16/02/2007	100%	45.005	GP-060117	Nokia	a.com	Paolo	08/03/2007		
921	50570	MS conformance test of DARP Phase II (MSRD)	Rel-7	GP	No	MSRD2-Mscor	11/11/2005	16/11/2007	100%	51.010	GP-060114	Nokia	a.com	Stoyan	12/09/2007		
922	**50579**	**Downlink Dual Carrier**	**Rel-7**	**GP**	**No**	**GDCDL**	**20/01/2006**	**21/11/2008**	**73%**	**24.008, 43**	**GP-061331**	**nens Networks**	**:o.uk**	**Paolo**	**31/08/2008**	**GP#30 completed**	
923	51139	Downlink Dual Carrier Stage 2	Rel-7	G1	No	GDCDL-Stage	20/01/2006	30/06/2006	100%	43.055, 43	GP-060484	emens Networks	co.uk	Paolo	31/08/2008	GP#35 completed	
924	52142	Downlink Dual Carrier Stage 3	Rel-7	G1	No	GDCDL-Stage	20/01/2006	31/08/2007	100%	24.008, 44	GP-060485	emens Networks	co.uk	Paolo	31/08/2008		
925	53086	Downlink Dual Carrier – MS Conformance Test	Rel-7	G2;G1	No	GDCDL-Stage	20/01/2006	21/11/2008	35%	51.010	GP-060486	emens Networks	co.uk	lngbert	22/11/2008	GP#40 target completion 11/(	
926	50580	**Support of SIGTRAN in GERAN**	**Rel-7**	**G3new**	**No**	**GDCDL-MStes**	**20/01/2006**	**30/06/2006**	**100%**	**48.001, 48**	**GP-060450**	**Ericsson**	**.com**	**Paolo**	**17/07/2006**		
927	**50582**	**Latency Reductions**	**Rel-7**	**GP**	**No**	**LATRED**	**30/06/2006**	**31/08/2007**	**100%**	**45.001, 45**	**GP-061519**	**Ericsson**	**.com**	**Paolo**	**12/09/2007**		
928	52145	Improved Ack/Nack reporting	Rel-7	G2	No	LATRED-ACKI	30/06/2006	31/08/2007	100%	45.001, 45	GP-061520	Ericsson	.com	Gert	12/09/2007		
929	52146	Reduced TTI	Rel-7	G2	No	LATRED-RED	30/06/2006	31/08/2007	100%	45.001, 45	GP-061521	Ericsson	.com	Gert	12/09/2007		
930	52147	**PS Handover between GERAN/UTRAN mode ar**	Rel-7	G2	No	GUGAN	30/06/2006	16/02/2007	100%	43.318, 44	GP-061349	Ericsson	.com	Gert	08/03/2007		
931	**50584**	**Higher Uplink performance for GERAN Evolutic**	**Rel-7**	**GP**	**No**	**HUGE**	**08/09/2006**	**20/02/2009**	**74%**	**24.008, 43**	**GP-071083**	**orks, Ericsson**	**.com**	**Paolo**	**24/07/2008**	**extension sheet in GP-0715**	
932	51140	Stage 2 of HUGE	Rel-7	G1	No	HUGE-Stage2	08/09/2006	07/09/2007	100%	43.055, 43	GP-061902	works, Ericsson	.com	Paolo	24/07/2008	GP#35 completed	
933	51141	Layer 1 Support of HUGE	Rel-7	G1	No	HUGE-Layer1	08/09/2006	22/02/2008	100%	45.001, 45	GP-061903	works, Ericsson	.com	Paolo	24/07/2008	GP#37 completed	
934	52149	Layer 2/3 Support of HUGE	Rel-7	G2	No	HUGE-Layer2	08/09/2006	31/08/2007	100%	24.008, 44	GP-061904	works, Ericsson	.com	Gert	24/07/2008	GP#35 completed	
935	51142	Performance requirements	Rel-7	G1	No	HUGE-Perfreq	08/09/2006	29/08/2008	100%	45.005	GP-061905	works, Ericsson	.com	Paolo	31/08/2008	GP#39 completed	
936	53087	MS Conformance Test	Rel-7	G3new	No	HUGE-Mstest	08/09/2006	20/02/2009	0%	51.010	GP-061906	works, Ericsson	.com	lngbert	24/07/2008	Completion target 05/08=>02/	
937	51143	BTS Conformance Test	Rel-7	G1	No	HUGE-BTStes	08/09/2006	20/02/2009	90%	51.021	GP-061907	works, Ericsson	.com	Paolo	22/11/2008	GP#40 Target completion 05/	
938	**50121**	**REduced symbol Duration, Higher Order modu**	**Rel-7**	**GP**	**No**	**REDHOT**	**17/11/2006**	**20/02/2009**	**62%**	**24.008, 43**	**GP-071080**	**tworks, Marvell**	**.com**	**Paolo**	**24/07/2008**	**extension sheet in GP-0715**	
939	51144	Stage 2 for REDHOT	Rel-7	G1	No	REDHOT-Stag	17/11/2006	31/08/2007	100%	43.055, 43	GP-062489	etworks, Marvell	.com	Paolo	24/07/2008	GP#35 completed	
940	51145	Stage 3 for REDHOT	Rel-7	G1	No	REDHOT-Stag	17/11/2006	16/05/2008	100%	24.008, 44	GP-062490	etworks, Marvell	.com	Paolo	24/07/2008	GP#38 completed	
941	53088	MS Conformance Tests	Rel-7	G3new	No	REDHOT-Mste	17/11/2006	20/02/2009	0%	51.010	GP-062491	Ericsson	.com	lngbert	24/07/2008	08/08=>02/09	
942	51146	BTS Conformance Tests	Rel-7	G1	No	REDHOT-BTS	17/11/2006	21/11/2008	90%	51.021	GP-062492	etworks, Marvell	.com	Paolo	22/11/2008	GP#40 completion target 05/(	
943	60110	**(Small) Technical Enhancements and Improver**	Rel-7	All	No	TEI7	26/03/2007	26/03/2007	100%	CP-07026(					20/04/2006		
944	*32113*	*Deleted - PS domain and IMS support for IMS Emergency sessions*	*Rel-7*	*S2*	**No**	*IMS-EMER*	*23/06/2006*	*21/09/2006*	*100%*	*23.867, 23*	*SP-050604*	*Nokia*	*.com*	**aurice**	*22/12/2005*	*Approved at SA#29*	*SP-30*
945	*32114*	*Deleted - IMS aspects to support IMS Emergency sessions*	*Rel-7*	*S2*	No	*IMS-EMER*	*23/06/2006*	*21/09/2006*	*100%*	*23.867, 23*	*SP-050604*	*Nokia*	*.com*	laurice	*22/12/2005*	*Approved at SA#29*	*SP-30*
946	*32115*	*Deleted - PS domain aspects to support IMS Emergency session*	*Rel-7*	*S2*	No	*IMS-EMER*	*23/06/2006*	*21/09/2006*	*100%*	*23.867, 23*	*SP-050604*	*Nokia*	*.com*	laurice	*22/12/2005*	*Approved at SA#29*	*SP-30*
947	*31077*	*Deleted - Covered by SI - Personal Network (PN) and Personal Area*	*Rel-7*	*S1*	No	*PNPAN*	*08/12/2005*	*20/12/2005*	*100%*		*SP-050386*	*Vodafone*	*.com*	Mike	*22/12/2005*		*SP-30*

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at	3, 200 e	Qt o Ja
948	31078	Deleted - Covered by SI - Multimedia Telephony Capabilities for IMS	Rel-7	S1	No	MITE	08/12/2005	20/12/2005	100%		SP-050387	Ericsson	.com	Mike	22/12/2005		SP-30		
949	31079	Deleted - Covered by SI - Transferring of emergency Call data	Rel-7	S1	No	eCALL	08/12/2005	08/12/2005	100%		SP-050388	Motorola	.com	Mike	22/12/2005		SP-30		
950	31080	Deleted - Covered by SI - MBMS Enhancements	Rel-7	S1	No	MBMSE	08/12/2005	08/12/2005	100%		SP-050389	China Mobile	.com	Mike	22/12/2005		SP-30		
951	32099	Deleted - VoIMS bearer related enhancements	Rel-7	S2	**No**	VoIMS	21/07/2006	21/07/2006	100%					**aurice**	25/06/2008	Created by MCC to group all	SP-32		
952	32098	Deleted - FS on enhancement of radio performance for VoIMS	Rel-7	S2	No	VoIMS	21/07/2006	21/07/2006	100%	23.807	SP-050351	Nortel	com)	laurice	31/05/2006	WID approved SA#28: SA2#5	SP-32		
953	7047	**Release 7 Feasibility Studies**	Rel-7	P, RP,SP	No		03/01/2000	03/01/2000	0%						NA				
954	**31082**	**Study on Multimedia Telephony Capabilities fo**	**Rel-7**	**S1**	**No**	**MITE**	**11/07/2005**	**31/07/2006**	**100%**	**22.973**	**SP-050387**	**Ericsson**	**.com**	**Alain**	**01/07/2008**	**Spin-off Feature UID_7038 (**			
955	7022	Deleted covered by UID_31082 - Study of (MITe) - IMS Multimed	Rel-7	S1	No	MITE	11/07/2005	31/07/2006	100%	22.973	SP-050387	Ericsson	.com	Alain	01/07/2008	Duplicate entry with 31082	SP-28		
956	31050	**Study on Behaviour of Multi system UEs**	Rel-7	S1	No	BMSU	28/06/2004	15/12/2005	100%	22.936	SP-050502	Qualcomm	n.com	Alain	27/06/2008				
957	31055	**Study on Combining CS calls and IMS session**	Rel-7	S1	No	IRTSD-CS_IM	28/06/2004	17/03/2005	100%	22.979	SP-040467		obert	Alain	02/07/2008				
958	31059	**Study on All-IP Network**	Rel-7	S1	No	FS_AIPN	28/06/2004	16/03/2005	100%	22.978	SP-040303	NTT DoCoMo	.co.jp	Alain	25/07/2008	25/07/08 Moved as FS to Rel			
959	31075	**Study on Videotelephony teleservice**	Rel-7	S1	No	VidTel	01/03/2005	17/01/2006	100%	22.903	SP-050506	T-Mobile	bile.at	Alain	27/06/2008				
960	31073	**Study on Network Selection Principles**	Rel-7	S1	No	NetSel	15/03/2005	08/12/2005	100%	22.811	SP-050227	O2	2.com	Alain	27/06/2008	Spin-off Feature Network sele			
961	31041	**Study on Multimedia Priority Service**	Rel-7	S1	No	PRIOR-MM	28/03/2003	30/06/2006	100%	22.953	SP-060329	Telcordia	a.com	Alain	27/06/2008	Spin-off Feature PRIOR UID_			
962	31083	**Study on Transferring of emergency Call data**	Rel-7	S1	No	eCALL	11/07/2005	31/03/2006	100%	22.967	SP-050388	Motorola	a.com	Mike	20/07/2006				
963	32073	**Study on Enhancement of E2E QoS**	Rel-7	S2	No	QoS7	28/06/2004	15/09/2005	100%	23.802	SP-040326	Huawei	Jaksa	laurice	30/06/2008				
964	7034	**Study on Bandwidth Saving at Nb Interface wit**	Rel-7	C3	No	BSNbIP	10/03/2006	09/03/2007	100%	29.814	CP-060438	Siemens	s.com	ng Don	30/06/2008	Moved to FS at CT32 (in line			
965	14019	**Study on Routeing of MT-SMs via the HPLMN**	Rel-7	C4	No	SMS7	07/10/2005	01/12/2006	100%	23.840	CP-060701	Vodafone	e.com	Kimmo	30/06/2008	Previously known as "Study c			
966	7025	**Study on the TCAPsec Gateway concept**	Rel-7	C4	No	SEC7-TCAP	28/10/2005	10/03/2006	100%	29.800	CP-050687	Siemens	ag.de	Kimmo	01/07/2008	TR 29.800 content moved to			
967	7050	**Study on using M2PA in 3GPP network**	Rel-7	C4	No	FS-M2PA	22/03/2006	08/06/2007	100%	29.801	CP-060698	China Mobile	e.com	Kimmo	01/07/2008				
968	**320018**	**Study on Support of (G)MSC-S - (G)MSC-S Nc I**	**Rel-7**	**C4**	**No**	**NcSIP**	**15/05/2006**	**14/09/2007**	**100%**	**29.802**	**CP-070034**	**Vodafone**	**.com**	**Kimmo**	**01/07/2008**				
969	330002	CT4 aspects of NcSIP	Rel-7	C4	No	NcSIP	15/05/2006	01/06/2007	100%	29.802	CP-070034	Vodafone	e.com	Kimmo	01/07/2008				
970	330003	CT3 aspects of NcSIP	Rel-7	C3	No	NcSIP	15/05/2006	14/09/2007	100%	29.802	CP-070034	Ericsson	n.com		01/07/2008				
971	35066	**Study on SOAP/HTTP IRP Solution Sets**	Rel-7	S5	No	OAM7-NIM-XM	02/09/2005	07/12/2006	100%	32.809	SP-050610	Nortel		Adrian	29/03/2007	SA#34 completed			
972	35067	**Study on Itf-N Implementation Conformance St**	Rel-7	S5	No	OAM7-NIM-IC	02/09/2005	15/03/2007	100%	32.812	SP-050609	China Mobile		Adrian	29/03/2007	SA#35 completed			
973	35068	**Study on IRP Information Model**	Rel-7	S5	No	OAM7-NIM-IM	02/09/2005	15/03/2007	100%	32.810	SP-050611	Motorola		Adrian	29/03/2007	SA#35 completed			
974	20023	**Study on Evolved UTRA and UTRAN**	Rel-7	RP	No	RANFS-Evo	15/12/2004	15/09/2006	100%	25.912	RP-040461	NTT DoCoMo	O.JP	uergen	23/06/2008	RP#33 (Sep 2006) completed			
975	20034	**Study on Performance Evaluation of the UE be**	Rel-7	R4	No	RANFS-HSTra	15/03/2005	15/06/2006	100%	none	RP-050146	Vodafone	e.com	tefania	23/06/2008	RP#32 (Jun 2006) completed			
976	20041	**Study on UTRA Tower Mounted Amplifier (FDD**	Rel-7	R4	No	RANFS-TMA	15/06/2005	14/03/2006	100%	25.818	Items_History	Ericsson	n.com	tefania	23/06/2008	RP#31 (Mar 2006) completed			
977	20044	**Study on Continuous connectivity for packet d**	Rel-7	R1	No	RANFS-cont-p	15/03/2005	15/09/2005	100%	none	RP-050391	Siemens	s.com	Patrick	23/06/2008	RP#29 (Sep 2006) completed			
978	20051	**Study on Improvement of the Multimedia Broa**	Rel-7	R2	No	RANFS-MBMS	15/12/2005	15/12/2006	100%	25.905	RP-050746	LG Electronics	e.com	Joern	23/06/2008	RP#34 (Dec 2006) completed			
979	20052	**Study on Performance Improvements in Small**	Rel-7	R4	No	SMALLCELLS	15/12/2005	15/06/2006	100%	none	RP-050782	Cingular	r.com	tefania	23/06/2008	RP#32 (Jun 2006) closed (no			
980	20053	**Study on Further Improved Performance Requi**	Rel-7	R4	No	RANFS-IC	15/12/2005	04/06/2007	100%	25.963	RP-050880	Cingular	r.com	tefania	23/06/2008	RP#36 (May 2007) completed			
981	20065	**Study on Scope of future FDD HSPA Evolution**	Rel-7	RP	No	RANFS-HSPA	15/03/2006	17/09/2007	100%	25.999	RP-060217	Cingular	r.com	uergen	23/06/2008	RP#37 (Sep 2007) completed			
982	330013	**Study on Dynamically reconfiguring a FDD UE**	Rel-7	R4	No	FSUEPow	22/06/2007	22/06/2007	100%	25.906	RP-060641	Nokia	a.com	tefania	23/06/2008	RP#37 (Sep 2007) completed			
983	50568	**Study on Future GERAN Evolution**	Rel-7	GP	No	FGE	08/04/2005	16/02/2007	100%	45.912	GP-051052	Nokia	a.com	Paolo	08/03/2007				
984	50120	**Study on GAN Enhancements**	Rel-7	GP	No	EGAN	31/08/2007	31/08/2007	100%	43.902	GP-062298	T-Mobile	e.com	Paolo	29/05/2007	GP#35 completed			
985	732028	Deleted - covered by UID33027 - IMS security extensions	Rel-7	S3	No	IMS-SE	08/12/2005	08/12/2005	100%		SP-050395	Ericsson	.com	Mike	22/12/2005		SP-30		
986	320017	Deleted - covered by 32108 - Study of work on an LCS architecture fo	Rel-7	S2	No	IMS-SE	08/12/2006	08/12/2006	100%			LG Electronics	.com	laurice	19/09/2006	S2#52: Entry created	SP-33		
987	32029	Deleted: Study on applicability of GALILEO for LCS	Rel-7	S2	**No**	Galileo	30/06/2005	30/06/2005	100%		SP-020541				08/09/2004		SP-25		
988	32058	Deleted - TR on Stage 2	Rel-7	S2	No	Galileo	30/06/2005	30/06/2005	100%						21/10/2004		SP-25		
989	50095	Deleted - GERAN review of the TR	Rel-7	GP	No	Galileo	30/06/2005	30/06/2005	100%						06/12/2004		SP-26		
990	32005	Deleted - IMS Local services	Rel-7	S2	**No**	IMSLocal	06/01/2006	06/01/2006	100%	23.228					30/05/2002		SP-28		

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	handonn at	3, 200 e	Qt o Ja
991	32019	Deleted - Stage 2	Rel-7	S2	No	IMSLocal	06/01/2006	06/01/2006	100%						06/12/2004	DAB - Not yet required in SA2	SP-26		
992	11035	Deleted - Stage 3 for IMS Local services	Rel-7	C1	No	IMSLocal	06/01/2006	06/01/2006	100%			Lucent	com)		09/09/2004		SP-25		
993	32078	Deleted - IMS Phase 3	Rel-7	S2	No		06/01/2006	06/01/2006	100%						09/09/2004		SP-25		
994	701216	Deleted - Improvements of Radio Interface	Rel-7	RP	No	RInImp	15/09/2004	15/09/2004	100%		Work_Items		Rel-7	Claude	08/07/2004	Stage 2 description of Interim	SP-24		
995	14018	Deleted: Generic User Profile Phase 2	Rel-7	C4	No		08/08/2005	30/06/2006	100%					Gaby	09/03/2005	Created at TSG#27 by A. Sul	SP-27		
996	42003	Deleted - Stage 3 - Common objects	Rel-7	C4	No		08/08/2005	30/06/2006	100%	24.241	TP-020275			Gaby	09/03/2005	No progress in CN4#26. This	SP-27		
997	31087	Delete was duplicated- Study of Customised Alerting Tone (CAT) Req	Rel-7	S1	No	CAT	30/06/2006	30/06/2006	100%		SP-050607				22/03/2006	Awaiting MCC SA3 input	SP-31		
998	50552	Deleted - FS of enhanced support of Video Telephony	Rel-7	GP	No	VIDGER	30/06/2006	30/06/2006	100%		GP-042221	Ericsson	.com	Paolo	09/03/2006	FS CLOSED at G#28 (no inpu	SP-32		
999	34040	Deleted (moved to Rel8) - Study on Transferring of emergency call da	Rel-7	S4	No	eCALLIBMS	22/06/2007	22/06/2007	100%	26.967	SP-060935	Airbiquity	.com	Paolo	22/06/2007	SP-38 stopped	SP-38		
1000	360009	Deleted - covered by UID 20053 - Study on Interference Cancellation	Rel-7	R4	No	RANFS-InterfC	28/03/2007	28/03/2007	100%						10/01/2008	Deleted. Same as FS on Furt	SP-38		
1001	7011	Deleted - Study of Personal Network and Personal Area Network	Rel-7	S1	No	PNPAN	20/10/2006	20/10/2006	100%						16/02/2006	Moved from FS section Feb 0	SP-31		
1002	31054	Deleted - Study on IMS with real time services deployment	Rel-7	S1	No	IRTSD	28/06/2004	12/09/2005	100%		SP-040465			Alain	27/06/2008		SP-30		
1003	32076	Deleted - Study on Stage 2 (IMS services using CS bearers)	Rel-7	S2	No	IRTSD-IMSCS	28/06/2004	12/09/2005	100%	23.899	SP-040479	Nortel	atson	laurice	26/06/2008	SP-30: S2 has no intention fo	SP-30		
1004	32112	Deleted - Study on IMS enhancements and optimisations for real time	Rel-7	S2	No	IMS-RT	10/10/2005	01/06/2007	100%	23.818	SP-050492	Ericsson	.com	laurice	22/06/2007	abandoned at 65%	SP-35		
1005	32117	Deleted - Study on Terminating Session handling	Rel-7	S2	No	CSIterm	09/01/2006	29/12/2006	100%	23.819	SP-050811	Samsung	.com	laurice	30/06/2008	SA#32 Jun 2006 Study abanc	SP-32		
1006	35045	Deleted - Study on IRP usage scenarios	Rel-7	S5	No	OAM-Study	02/09/2005	07/12/2006	100%	32.8xy	SP-050303	Lucent		Adrian	29/03/2007		SP-32		
1007	0	**Release 6 Features**	Rel-6	RP,SP,TP	No		03/01/2000	03/01/2000	0%						NA				
1008	**1216**	**Rel-6 Improvements of Radio Interface**	**Rel-6**	**RP**	**No**	**RInImp**	**14/08/2000**	**14/12/2005**	**100%**		**Work_Items**			**Cesar**	**08/07/2004**	**This is a generic feature wi**			
1009	20032	Improved support of IMS Realtime Services using HSDPA/EDCH	Rel-6	R2	No	RInImp-IMSRe	15/03/2005	14/12/2005	100%			Cingular	COM	_RAN	13/01/2006				
1010	24006	Improving Receiver Performance Requirements for the FDD UE	Rel-6	R4	No	RInImp-UERec	08/03/2002	19/09/2003	100%	25.101	Items_History	Intel	COM		08/07/2004				
1011	**24004**	**Base station classification**	**Rel-6**	**R4**	**No**	**RInImp-BSCla**	**14/08/2000**	**04/12/2002**	**100%**						**08/07/2004**				
1012	1476	FDD Base station classification	Rel-6	R4	No	RInImp-BSClas	14/08/2000	04/12/2002	100%	25.104, 25	Items_History	Nokia	skala		08/07/2004				
1013	24007	UMTS-850	Rel-6	R4	No	RInImp-UMTS	06/12/2002	12/12/2003	100%	25.101, 25	Items_History	Cingular	r.com	_RAN	08/07/2004				
1014	24009	DS-CDMA introduction in the 800 MHz band	Rel-6	R4	No	RInImp-UMTS	14/03/2003	12/12/2003	100%	25.101, 25	Items_History	NTT DoCoMo	co.jp)	_RAN	08/07/2004				
1015	24010	UMTS 1.7/2.1 GHz	Rel-6	R4	No	RInImp-UMTS	14/03/2003	12/03/2004	100%	25.101, 25	Items_History	Nokia	COM	C RAN	08/07/2004				
1016	**24013**	**Improved Receiver Performance Requirements for HSDPA**	**Rel-6**	**R4**	**No**	**RInImp-HSPe**	**15/12/2003**	**14/06/2005**	**100%**		**Work_Items**	**Nokia**	**COM**	**C RAN**	**08/07/2004**				
1017	20011	Improved Minimum Performance Requirements for HSDPA	Rel-6	R4	No	RInImp-HSPer	15/09/2004	14/06/2005	100%	25.101	Items_History	Nokia	a.com	_RAN	13/01/2006	Approved at RP#25 as RP-04			
1018	24014	Performance Requirements of Receive Diversity for HSDPA	Rel-6	R4	No	RInImp-HSPer	15/12/2003	14/03/2005	100%	25.101	Items_History	NTT DoCoMo	co.jp)	C RAN	25/03/2005				
1019	**3**	**Rel-6 RAN Feasibility Studies**	**Rel-6**	**RP**	**No**		**14/08/2000**	**14/03/2005**	**100%**		**ems_History**			**Cesar**	**07/12/2003**				
1020	23007	FS of the improved access to UE measurement data for CRNC	Rel-6	R3	No	RANimp-RRM	06/12/2002	18/12/2003	100%		Items_History	Interdigital	l.com		21/10/2004				
1021	1506	FS on Radio link performance enhancements	Rel-6	R1	No	RInImp-Rlperf	14/08/2000	14/09/2004	100%	25.899	Study_Items	Nokia	a.com	_RAN	13/10/2004	Study finished at RP#25			
1022	21000	FS on Improvement of inter-frequency and inter-system measure	Rel-6	R1	No	RInImp-IfIsML	14/12/2001	19/09/2003	100%	25.888	Items_History	Samsung	co.kr)		08/07/2004				
1023	21003	FS for the analysis of OFDM for UTRAN enhancement	Rel-6	R1	No	RInImp-FSOF	10/06/2002	14/06/2004	100%	25.892	Items_History	Nortel	.com)	_RAN	08/07/2004				
1024	21004	FS on Uplink Enhancements for Dedicated Transport Channels	Rel-6	R1	No	RInImp-FSUp	06/09/2002	12/03/2004	100%	25.896	Items_History	Nokia	a.com	_RAN	08/07/2004				
1025	21005	FS on Analysis on Higher Chip Rates for UTRA TDD evolutions	Rel-6	R1	No	RInImp-FSVH	06/09/2002	14/09/2004	100%	25.895	Study_Items	IPWireless	s.com	_RAN	13/10/2004	Study finished at RP#25			
1026	24011	FS on Low Output Powers for general purpose FDD BSs	Rel-6	R3	No	RInImp-FSLoP	13/06/2003	12/03/2004	100%	25.807	Items_History	Telefonica	m.es)	_RAN	08/07/2004				
1027	21007	FS on Uplink enhancements for UTRA TDD	Rel-6	R1	No	RInImp-FSUpE	06/06/2003	14/03/2005	100%	25.804	Study_Items	Interdigital	l.com	_RAN	25/03/2005				
1028	24005	FS on UE antenna efficiency test methods performance requirem	Rel-6	R4	No	RInImp-UEAnT	08/03/2002	06/09/2002	100%		Items_History	Allgon	ström		08/07/2004	The RInImp-UEAnTM FS was			
1029	23006	Deleted - FS on the evolution of the UTRAN architecture	Rel-6	R3	No	RANimp-FSEv	09/09/2002	15/12/2004	100%		Study_Items	Nokia	.com	_RAN	13/01/2005	Study Closed, work will contin			
1030	**20003**	**FDD Enhanced Uplink**	**Rel-6**	**RP**	**No**	**EDCH**	**15/03/2004**	**15/09/2005**	**100%**		**Work_Items**	**Ericsson**	**tröm**	**Cesar**	**08/07/2004**				
1031	20004	FDD Enhanced Uplink - Stage 2	Rel-6	R2	No	EDCH-Stage2	15/03/2004	14/12/2004	100%	25.309	Work_Items				13/01/2005				
1032	20005	FDD Enhanced Uplink - Physical Layer	Rel-6	R1	No	EDCH-Phys	15/03/2004	14/03/2005	100%	25.211, 25	Work_Items	Nokia	a.com	C RAN	25/03/2005				
1033	20006	FDD Enhanced Uplink - Layer 2 and 3 Protocol Aspects	Rel-6	R2	No	EDCH-L23	15/03/2004	14/03/2005	100%	25.301, 25	Work_Items	Ericsson	ström	C RAN	25/03/2005				

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
1034	20007	FDD Enhanced Uplink - UTRAN Iub/Iur Protocol Aspects	Rel-6	R3	No	EDCH-IurIub	15/03/2004	14/03/2005	100%	25.401, 25	Work_Items	Nortel	ovski	C RAN	25/03/2005		
1035	20008	FDD Enhanced Uplink - RF Radio Transmission/ Reception, Sys	Rel-6	R4	No	EDCH-RF	15/03/2004	15/09/2005	100%	25.101, 25	Work_Items	Ericsson	COM	C RAN	13/01/2006		
1036	**9**	**Rel-6 RAN improvements**	**Rel-6**	**RP**	**No**	**RANimp**	**09/09/2002**	**14/03/2005**	**100%**		**Work_Items**			**Cesar**	**08/07/2004**	**Generic feature**	
1037	**624**	**RAB support enhancement**	**Rel-6**	**R2**	**No**	**RANimp-RAB**	**14/03/2003**	**14/03/2005**	**100%**	**25.862**	**Work_Items**	**Nokia**	**.com**	**C RAN**	**13/01/2005**	**This is a building block wit**	
1038	21008	Optimisation of downlink channelisation code utilisation	Rel-6	R1	No	RANimp-RABS	12/03/2004	14/03/2005	100%		Work_Items	Nortel	.com)	C RAN	25/03/2005		
1039	21009	Optimisation of channelisation code utilisation for 3.84 Mcps	Rel-6	R1	No	RANimp-RABS	15/03/2004	14/03/2005	100%		Items_History	IPWireless	erson	C RAN	13/01/2006	WIDS modified in RP#26, RP	
1040	20013	HS-DPCCH ACK/NACK Enhancement	Rel-6	R1	No	RANimp-RABS	15/09/2004	14/12/2004	100%	25.212, 25		Nokia	a.com	_RAN	25/03/2005	Approved at RP#25 as RP-04	
1041	*23009*	*Deleted - Iu enhancements for IMS support in RAN*	*Rel-6*	*R3*	No	*RANimp-RABS*	*14/03/2003*	*03/06/2004*	*100%*		*Items_History*	*Nortel*	*.com*	C RAN	*13/01/2006*	*Closed RP#24 due to the lack*	
1042	*23005*	*Deleted - Improvement of RRM across RNS and RNS/BSS*	*Rel-6*	*R3*	No	*RANimp-RRM:*	*05/12/2003*	*05/12/2003*	*100%*		*Work_Items*	*Nokia*	*skala*		*21/10/2004*	*abandoned RP-23*	*RP-23*
1043	20999	Beamforming Enhancements	Rel-6	R1	No	RANimp-BFE	19/09/2003	19/12/2003	100%	24.215, 25	Items_History	Nokia	a.com	_RAN	08/07/2004		
1044	**23012**	**Rel6 RRM optimization for Iur and Iub**	**Rel-6**	**R3**	**No**	**RANimp-RRM**	**19/09/2003**	**12/03/2004**	**100%**		**Work_Items**	**Ericsson**	**on.se**	**_RAN**	**08/07/2004**		
1045	23014	Improved access to UE measurement data for CRNC to sup	Rel-6	R3	No	RANimp-RRM	19/09/2003	12/03/2004	100%	25.423	Items_History	Interdigital	l.com	C RAN	13/01/2005		RP-22
1046	**23010**	**Remote Control of Electrical Tilting Antennas**	**Rel-6**	**R3**	**No**	**RANimp-TiltA**	**14/03/2003**	**16/09/2004**	**100%**		**Work_Items**	**Vodafone**	**.com**	**_RAN**	**14/04/2004**		
1047	23015	Tilting Antenna - RAN aspects	Rel-6	R3	No	RANimp-TiltAn	14/03/2003	14/09/2004	100%	25.460, 25	Work_Items	Vodafone	e.com	_RAN	13/10/2004	Finished at RP#25	
1048	35023	OAM&P impacts	Rel-6	S5	No	RANimp-TiltAn	27/02/2004	16/09/2004	100%	32.804, 32	S5-048270	Vodafone	e.com	Adrian	13/01/2006	SA#25 09/2004 completed	
1049	23011	Network Assisted Cell Change (NACC) from UTRAN to GERAN	Rel-6	R3	No	RANimp-NACC	09/09/2002	15/06/2004	100%		Items_History	Vodafone	co.uk	_RAN	08/07/2004		
1050	**32023**	**Location Services enhancements 2**	**Rel-6**	**S2**	**No**	**LCS2**	**15/01/2001**	**16/12/2004**	**100%**	**23.271**	**SP-030127**			**ang-Ui**	**08/07/2004**		
1051	**32024**	**Improvement on Le interface**	**Rel-6**	**S2**	**No**		**17/06/2002**	**15/12/2004**	**100%**						**12/03/2004**		
1052	32051	Stage 2	Rel-6	S2	No		17/06/2002	22/09/2003	100%						12/03/2004		
1053	32053	Stage 3 - impacts MLP (Mobile Location Protocol)	Rel-6	OMA	No		01/01/2004	15/12/2004	100%				e.org		25/03/2005	Updated according to SP-040	
1054	**32001**	**Enhanced support for anonymity and user privacy**	**Rel-6**	**S2**	**No**		**08/07/2002**	**15/12/2004**	**100%**						**12/03/2004**		
1055	32047	Stage 2	Rel-6	S2	No		08/07/2002	27/06/2003	100%						12/03/2004		
1056	32054	Stage 3 - impacts MLP and RLP	Rel-6	OMA	No		01/01/2004	15/12/2004	100%				e.org		25/03/2005	Updated according to SP-040	
1057	**32025**	**Enhanced inter-GMLC interface**	**Rel-6**	**S2**	**No**		**24/06/2002**	**15/12/2004**	**100%**						**24/01/2002**		
1058	32048	Stage 2	Rel-6	S2	No		24/06/2002	05/09/2003	100%						23/07/2003		
1059	32055	Stage 3 - definition of RLP and PCP	Rel-6	OMA	No		01/01/2004	15/12/2004	100%				e.org		25/03/2005	Updated according to SP-040	
1060	**32012**	**Location Services support for IMS public identities**	**Rel-6**	**S2**	**No**		**24/02/2003**	**15/12/2004**	**100%**						**12/03/2004**		
1061	32049	Stage 2	Rel-6	S2	No		24/02/2003	23/01/2004	100%						12/03/2004		
1062	32056	Stage 3 - impacts MLP, RLP and PCP	Rel-6	OMA	No		01/01/2004	15/12/2004	100%				e.org		25/03/2005	Updated according to SP-040	
1063	**32026**	**New area event for location service triggering reports**	**Rel-6**	**S2**	**No**		**03/06/2002**	**15/12/2004**	**100%**						**12/03/2004**		
1064	32050	Stage 2	Rel-6	S2	No		03/06/2002	27/06/2003	100%						12/03/2004		
1065	14015	Stage 3 for UE-CN signalling	Rel-6	N4	No		09/10/2003	31/08/2004	100%						08/09/2004	31/10/2003 work has started.	
1066	32057	Stage 3 - impacts MLP, RLP and PCP	Rel-6	OMA	No		01/01/2004	15/12/2004	100%				e.org		25/03/2005	Updated according to SP-040	
1067	**20001**	**UE positioning**	**Rel-6**	**RP**	**No**	**LCS2-UEpos**	**15/01/2001**	**14/09/2004**	**100%**					**_RAN**	**08/07/2004**		
1068	2475	Open SMLC-SRNC Interface within the UTRAN to support U	Rel-6	R2	No	LCS-Rel4Pos	15/01/2001	19/09/2003	100%	25.305, 25	Items_History	Siemens	s.com		08/07/2004		
1069	24012	A-GPS minimum performance specification	Rel-6	R4	No	LCS-UEPos-A	06/06/2003	14/09/2004	100%	25.171	Work_Items	AT&T Wireless	s.com	_RAN	13/10/2004	Finished at RP#25	
1070	22002	FS on Enhancements to OTDOA Positioning using advance	Rel-6	R2	No	LCS2-UEpos-F	01/07/2002	19/09/2003	100%		Items_History	itioning Systems	n.com		08/07/2004		
1071	*2457*	*Deleted - UE positioning enhancements - other methods*	*Rel-6*	*R2*	No	*LCS2-UEpos-e*	*26/09/2003*	*26/09/2003*	*100%*		*Work_Items*	*Siemens*	*.com*		*21/10/2004*	*This is a building block withou*	*RP-24*
1072	35035	LCS charging	Rel-6	S5	No	LCS2-CH	21/03/2003	16/12/2004	100%	32.271	SP-040778	France Telecom	n.com	Adrian	13/01/2006	SA#26 12/2004 completed	
1073	**1571**	**Rel-6 Security enhancements**	**Rel-6**	**S3**	**No**	**SEC1**	**03/01/2001**	**26/11/2004**	**75%**		**SP-000421**	**Vodafone**	**.com**	**aurice**	**10/12/2001**	**Added BB UE authenticatio**	
1074	**2026**	**Enhanced HE control of security (including positive authent**	**Rel-6**	**S3**	**No**		**03/01/2001**	**25/09/2003**	**47%**		**SP-000421**	**Vodafone**	**.com**		**13/01/2005**	**Added by SP-000575 withou**	
1075	2027	Stage 2	Rel-6	S3	No		03/01/2001	14/06/2002	0%						12/03/2001	New end date and correct Re	
1076	**33006**	**Network domain security**	**Rel-6**	**S3**	**No**	**SEC1-NDS**	**17/06/2002**	**25/09/2003**	**100%**		**SP-000513**	**Telenor**	**.com**		**13/01/2005**	**WID approved for Rel-6 at S**	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at	3, 200 e	Qt o Ja
1077	33007	IP network layer security (NDS/IP)	Rel-6	S3	No	SEC1-NDS-IP	17/06/2002	25/09/2003	100%	33.210					13/01/2005	Should be complete after SA3			
1078	33017	Network Domain Security; Authentication Framework (NDS/AF)	Rel-6	S3	No	SEC1-NDS-AF	15/02/2002	13/02/2004	100%		SP-030108	Nokia	a.com		13/01/2005	WID approved SA#19. Work			
1079	33019	Key Management of group keys for Voice Group Call Services	Rel-6	S3	No	SECGKYV	26/09/2003	26/11/2004	100%	42.068, 43	SP-030491	Vodafone	e.com	laurice	13/01/2005	Approved TSG#21. Complete			
1080	**32021**	**IMS Phase 2**	**Rel-6**	**S1**	**No**	**IMS2**	**28/08/2000**	**30/12/2005**	**100%**	**23.228**				**ang-Ui**	**08/07/2004**	**Not yet available: verbally a**			
1081	14014	Enhancements to the Cx and Sh interfaces	Rel-6	N4	No	IMS2-CCR	06/06/2003	31/08/2004	100%		NP-030229				25/03/2005	Shared public user identities			
1082	**31025**	**IMS Group Management**	**Rel-6**	**S1**	**No**	**IMSGM**	**14/03/2002**	**08/12/2004**	**100%**		**SP-020065**	**Nokia**	**.com**		**08/09/2004**				
1083	31026	Stage 1 - TS on IMS group management	Rel-6	S1	No		14/03/2002	09/12/2002	100%			Nokia	a.com		07/12/2003				
1084	32036	Stage 2	Rel-6	S2	No		26/05/2003	31/12/2003	100%						08/06/2004				
1085	11036	Stage 3 for IMS Group management (e.g. chat)	Rel-6	N1	No		13/12/2002	08/12/2004	100%		NP-040494	Lucent	.com)		25/03/2005	Depends on CN decision on (			
1086	**11037**	**IMS Conferencing**	**Rel-6**	**N1**	**No**		**04/11/2002**	**08/12/2004**	**100%**						**13/01/2003**				
1087	32037	Stage 2	Rel-6	S2	No		04/11/2002	31/12/2003	100%						12/03/2004				
1088	32038	Stage 3	Rel-6	N1	No		13/12/2002	08/12/2004	100%		NP-040494	Lucent	.com)		25/03/2005	Depends on CN decision on I			
1089	**31022**	**IMS Messaging**	**Rel-6**	**S1**	**No**	**IMSM**	**14/03/2002**	**30/12/2005**	**100%**		**SP-020065**	**Nokia**	**.com**		**08/09/2004**				
1090	31023	TR on support of messaging in the IMS	Rel-6	S1	No	IMSM-TR	14/03/2002	09/12/2002	100%			Nokia	a.com		14/03/2003				
1091	31034	Stage 1 22.340	Rel-6	S1	No	IMSM-TS	11/11/2002	11/12/2002	100%	22.340		Nokia	a.com		04/07/2003				
1092	31033	CRs to 22.140 & 22.228	Rel-6	S1	No	IMSM-CR	14/03/2002	17/03/2003	100%	22.140,22.		Nokia	a.com		07/12/2003				
1093	32700	Stage 2	Rel-6	S2	No		04/11/2002	31/08/2004	100%						08/09/2004				
1094	11039	Stage 3 for IMS Messaging	Rel-6	N1	No		13/12/2002	08/12/2004	100%		NP-040494	Lucent	.com)		25/03/2005				
1095	60001	SIP/SIMPLE Instant messaging	Rel-6	OMA	No		01/01/2004	30/12/2005	100%				e.org		25/03/2005	Updated according to SP-040			
1096	**11040**	**Additional SIP Capabilities support not covered by Rel-5**	**Rel-6**	**N1**	**No**		**11/11/2002**	**17/06/2005**	**100%**						**13/01/2003**				
1097	32041	Stage 2 for add SIP cap (e.g. forking)	Rel-6	S2	No		11/11/2002	20/02/2004	100%						12/03/2004				
1098	32042	Stage 3 for Additional SIP Capabilities	Rel-6	N1	No		13/12/2002	08/09/2004	100%		NP-040494	Lucent	.com)		02/06/2005				
1099	11052	Procedured associated with IMS-ALG	Rel-6	N1	No		06/09/2004	17/06/2005	100%						02/06/2005				
1100	11041	Review additional SIP Capabilities against IMS	Rel-6	N1	No		13/12/2002	08/09/2004	100%		NP-040494	Lucent	.com)		25/03/2005				
1101	**2048**	**Interworking between IMS and IP networks**	**Rel-6**	**N3**	**No**	**IMS-CCR-IWIF**	**28/08/2000**	**08/12/2004**	**100%**	**23.821, 29**	**NP-020091**	**BT**	**.com**		**13/01/2003**	**[DAB 14.02.02] - end date p**			
1102	13004	Interworking for 3GPP_SIP and IETF_SIP	Rel-6	N3	No		28/08/2000	13/06/2003	100%	New 29.96		Siemens	elling		15/09/2003	[DAB - 20.08.03] - CN Part of			
1103	13005	Interworking for IPv6 to IPv4	Rel-6	N3	No		28/08/2000	08/12/2004	100%	29.163					09/03/2005				
1104	11044	Interworking for IPv6 to IPv4 (SIP / SDP aspects)	Rel-6	N1	No		11/05/2004	08/09/2004	100%						08/09/2004				
1105	11017	stage 3 of interworking with non-IMS IP networks	Rel-6	N1	No		14/03/2001	08/09/2004	100%						08/09/2004				
1106	2047	Interworking between IMS and CS networks	Rel-6	N3	No	IMS-CCR-IWC	28/08/2000	18/03/2004	100%	29.163, 29	NP-030292	Vodafone	co.uk		09/09/2004	[DAB - 25.05.04] - CN3 consi			
1107	14001	Mn interface (IM-MGW to MGCF) enhancements (CN4 Part)	Rel-6	N4	No	IMS-CCR-Mn	07/08/2001	01/09/2004	100%						09/03/2005	TISPAN issue is open			
1108	31036	Study of subscriber and operators relationship in IMS and relatec	Rel-6	S1	No		15/11/2002	12/12/2002	100%			Nokia	a.com		04/07/2003				
1109	33012	Lawful Interception in the 3GPP Rel-6 architecture	Rel-6	S3	No	SEC1-LI	09/12/2002	18/12/2003	100%	33.106, 33	SP-030106	Reg TP	P.DE		13/01/2005				
1110	31042	IMS Subscription and access scenarios	Rel-6	S1	No		16/12/2002	13/06/2003	100%	22.800					12/03/2004				
1111	35032	IMS charging	Rel-6	S5	No	IMS2-CH	21/03/2003	16/12/2004	100%	32.260	SP-030049				13/01/2006	SA#26 12/2004 completed			
1112	11051	IMS Management objects	Rel-6	N1	No		03/09/2004	05/11/2005	100%	24.167	NP-040494				09/03/2005				
1113	*32027*	*Deleted - Stage 2 of IMS Phase 2*	*Rel-6*	*S2*	No		*19/09/2003*	*19/09/2003*	*100%*		*SP-020544*				*21/10/2004*		*SP-24*		
1114	**32063**	**3GPP Enablers for services like Push to Talk o**	**Rel-6**	**S2**	**No**	**PoC**	**08/09/2003**	**09/06/2005**	**100%**	**23.979**	**SP-030384**	**Ericsson**	**ltana**	**ang-Ui**	**08/07/2004**				
1115	32068	Feasibility Study	Rel-6	S2	No	PoC	08/09/2003	30/11/2004	100%	23.979	SP-030384	Ericsson	ltana		06/12/2004				
1116	60002	Dependencies on OMA PoC	Rel-6	OMA	No	PoC	01/01/2004	28/02/2005	100%				e.org		25/03/2005	Updated according to SP-040			
1117	34029	Selection of one or more PoC codec(s) for PoC	Rel-6	S4	No	PoC	13/09/2004	16/12/2004	100%	26.235, 26				Paolo	06/12/2004	Completed			
1118	35036	PoC charging	Rel-6	S5	No	PoC-CH	27/09/2004	09/06/2005	100%	32.272	SP-050032				13/01/2006	SA#28 06/2005 completed			
1119	32062	**Interworking aspects and migration scenarios**	Rel-6	S2	No	IPv4IMS	08/09/2003	25/06/2004	100%	23.881	SP-040327	Siemens	ilinski	ang-Ui	08/07/2004				

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
1120	**11032**	**Interoperability and Commonality between IMS**	**Rel-6**	**S2**	**No**	**IMSCOOP**	**16/09/2002**	**12/12/2003**	**100%**	**23.864**				**ang-Ui**	**08/07/2004**		
1121	32028	Stage 2 for Interoperability	Rel-6	S2	No		16/09/2002	30/09/2003	100%	23.864	SP-020543	Nokia	ternyi		08/07/2004	No contributions assumed tha	
1122	32061	Stage 2 for commonality	Rel-6	S2	No		16/09/2002	19/09/2003	100%	23.864	SP-020543	Nokia	ternyi		08/07/2004		
1123	11033	Stage 3	Rel-6	N1	No		14/10/2002	12/12/2003	100%		NP-020572	Lucent	.com)		12/03/2004		
1124	**1365**	**Support of Push Services**	**Rel-6**	**S1**	**No**	**PUSH**	**03/01/2001**	**27/02/2004**	**100%**	**23.976**	**SP-000669**	**NTT Comware**	**itada**	**ang-Ui**	**19/01/2005**	**AS: Changed from FS to ac**	
1125	31004	Stage 1	Rel-6	S1	No		03/01/2001	14/06/2002	100%						04/07/2003		
1126	32701	TR 23.976 on Push Architecture	Rel-6	S2	No		11/11/2002	27/02/2004	100%	23.976	SP-030126	RIM	lfano		08/07/2004		
1127	**42009**	**Multimedia Messaging (MMS) enhancements**	**Rel-6**	**T2**	**No**	**MMS6**	**15/08/2002**	**07/12/2005**	**100%**		**TP-030175**	**Siemens**	**S.DE**	**dhelm**	**06/12/2004**		
1128	**42010**	**Definition of service requirements**	**Rel-6**	**S1**	**No**	**MMS6-SR**	**15/11/2002**	**19/12/2003**	**100%**	**22.140**					**12/03/2004**		
1129	31031	Definition of service requirements charging	Rel-6	S1	No		15/11/2002	19/12/2003	100%	22.140		Siemens	S.DE		12/03/2004		
1130	42011	Technical realization	Rel-6	T2	No		06/09/2002	10/12/2004	100%	23.140		Siemens	S.DE	edhelm	06/12/2004		
1131	42012	OMA dependencies	Rel-6	OMA	No		15/08/2003	29/04/2005	100%	OMA spec				edhelm	25/03/2005		
1132	42013	MMS formats and codecs	Rel-6	S4	No	MMS6-Codec	15/08/2002	07/12/2005	100%	26.140, 26		Nokia	a.com	Paolo	13/01/2006		
1133	42014	Handling of private addressing schemes in MMS	Rel-6	T2	No		10/12/2003	10/12/2004	100%	23.140	TP-030299	T-Mobile	E.DE	edhelm	06/12/2004		
1134	35034	MMS charging	Rel-6	S5	No	MMS6-CH	21/03/2003	16/09/2004	100%	32.270	SP-040778				13/01/2006	SA#25 09/2004 completed	
1135	*42015*	*Deleted - FS Multiple MMS Relay/Server Architecture*	*Rel-6*	*T2*	No		*10/12/2004*	*10/12/2004*	*100%*	*probably A*	*TP-030301*	*lefónica Móviles*	*n.es)*	edhelm	*08/09/2004*	*originally it was intended to cr*	
1136	**42005**	**Rel-6 MExE enhancements**	**Rel-6**	**T2**	**No**	**MEXE6**	**08/03/2002**	**06/06/2003**	**100%**					**dhelm**	**21/03/2002**		
1137	42006	MExE Rel-6 Improvements and Investigations	Rel-6	T2	No	MEXE6-ENHA	08/03/2002	12/03/2003	100%	22.057, 23	T	TTPCom	COM)		27/03/2003		
1138	42007	MExE Run-Time Independent Framework Feasibility Study	Rel-6	T2	No	MEXE6-RTIF	08/03/2002	06/06/2003	100%	22.857	T	Intel	.com		13/01/2003		
1139	2062	**Subscription Management**	Rel-6	S5	No	SuM	20/09/2002	17/03/2005	100%	32.140/1, 3	SP-040763	T-Mobile	bile.at	Adrian	13/01/2006	SA#27 03/2005 completed	
1140	**2499**	**Presence Capability**	**Rel-6**	**S1**	**No**	**PRESNC**	**19/03/2001**	**07/12/2005**	**99%**		**SP-010064**	**Motorola**	**taldo**	**lichael**	**08/09/2004**	**A Sultan merged "Presence**	
1141	2501	Stage 1	Rel-6	S1	No		19/03/2001	18/07/2003	100%	22.141					12/03/2004		
1142	2502	Stage 2	Rel-6	S2	No		12/09/2001	20/09/2002	100%		SP-010517	Nokia	ternyi		12/03/2004		
1143	2503	Stage 3	Rel-6	N1	No		01/04/2002	08/12/2004	100%		NP-040492	Lucent	.com)		09/03/2005	Dependency to 2 IETF drafts,	
1144	13018	Stage 3 (CN3 Part Pk interface)	Rel-6	N3	No		01/04/2002	11/03/2005	100%						09/03/2005	No Contributions so far - only	
1145	34025	Media Codecs and Formats for IMS Messaging and Presence	Rel-6	S4	No	PRESNC-COF	12/06/2003	07/12/2005	100%	26.141, 26	SP-030212	Nokia	a.com	Paolo	13/01/2006		
1146	2504	Security issues	Rel-6	S3	No		26/08/2002	12/12/2002	90%		SP-020514				06/12/2004	LSs handled in SA3. WID app	
1147	60003	SIMPLE Presence	Rel-6	OMA	No		01/01/2004	31/03/2005	100%				e.org		25/03/2005	Updated according to SP-040	
1148	**50056**	**Enhanced A/Gb feasibility study**	**Rel-6**	**GP**	**No**	**AGbEnFS**	**30/08/2002**	**08/11/2002**	**100%**		**GP-022565**	**Vodafone**	**co.uk**	**Paolo**	**27/03/2003**	**Closed**	
1149	**50057**	**Feasibility study on A/Gb enhancements**	**Rel-6**	**G2**	**No**	**AGbEnFS-FS**	**30/08/2002**	**08/11/2002**	**100%**						**27/03/2003**		
1150	50080	Requirements for the support of conversational services	Rel-6	GP	No		30/08/2002	08/11/2002	100%						13/02/2003		
1151	50084	Identification of the different building blocks for the provision	Rel-6	GP	No		30/08/2002	08/11/2002	100%						13/02/2003		
1152	50093	Outline of impact and feasibility of these building blocks and	Rel-6	GP	No		30/08/2002	08/11/2002	100%						13/02/2003		
1153	50081	Impact on 3GPP architecture and requirement to co-ordinat	Rel-6	GP	No		30/08/2002	08/11/2002	100%						13/02/2003		
1154	50082	Standardisation effort	Rel-6	GP	No		30/08/2002	08/11/2002	100%						13/02/2003		
1155	50083	Dependency to other features	Rel-6	GP	No		30/08/2002	08/11/2002	100%						13/02/2003		
1156	**50063**	**Flexible Layer One for GERAN**	**Rel-6**	**GP**	**No**	**FLOGER**	**03/01/2000**	**25/06/2004**	**100%**		**GP-021018**	**Nokia**	**.com**	**Paolo**	**16/09/2003**	**Nokia, Ericsson, Siemens, T**	
1157	**50064**	**Realisation of a Flexible Layer One**	**Rel-6**	**GP**	**No**	**FLOGER-Real**	**03/01/2000**	**23/04/2004**	**100%**		**GP-021019**	**Nokia**	**.com**		**08/07/2004**	**Completed**	
1158	50065	Technical Report	Rel-6	GP	No		19/04/2002	06/02/2004	100%						12/03/2004		
1159	51002	Architecture in 45.001 and 43.051	Rel-6	G1	No		19/04/2002	23/04/2004	100%						12/03/2004		
1160	51003	Multiplexing in 45.002	Rel-6	G1	No		19/04/2002	23/04/2004	100%						12/03/2004		
1161	51004	Channel Coding in 45.003	Rel-6	G1	No		19/04/2002	23/04/2004	100%						12/03/2004		
1162	51005	Performance Requirements in 45.005	Rel-6	G1	No		03/01/2000	23/04/2004	100%						12/03/2004		

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
1163	51006	Radio subsystem link control in 45.008	Rel-6	G1	No		19/04/2002	23/04/2004	100%						12/03/2004		
1164	52071	Requirements in 44.004	Rel-6	G2	No		19/04/2002	23/04/2004	100%						12/03/2004		
1165	**52072**	**Signalling and protocol support for a Flexible Layer One**	**Rel-6**	**G2**	**No**	**FLOGER-SigF**	**19/04/2002**	**25/06/2004**	**100%**		**GP-021020**	**Nokia**	**.com**		**06/12/2004**	**Completed**	
1166	52073	Modifications to RLC/MAC in 44.060 and 44.160	Rel-6	G2	No		19/04/2002	25/06/2004	100%						08/07/2004		
1167	52074	Modifications to RRC in 44.118 and 44.018	Rel-6	G2	No		19/04/2002	25/06/2004	100%						08/07/2004		
1168	**52075**	**Security for a Flexible Layer One**	**Rel-6**	**S3, G2**	**No**	**FLOGER-Secl**	**19/04/2002**	**29/08/2003**	**100%**		**GP-021021**	**Nokia**	**.com**		**14/01/2004**	**Started**	
1169	52076	Ciphering in 44.160,44.118, 44.060 and 44.018	Rel-6	S3, G2	No		19/04/2002	29/08/2003	100%						16/09/2003		
1170	*55077*	*Deleted at TSG#27 - GERAN MS Conformance test for the Flexil*	*Rel-6*	*G4;G5*	**No**	*FLOGER-Msc*	*06/02/2004*	*06/02/2004*	*100%*		*GP-021022*	*Nokia*	*.com*		*09/03/2005*	*DELETE*	
1171	*55078*	*deleted at TSG #27 - MS Test in 51.010*	*Rel-6*	*G4;G5*	No		*06/02/2004*	*06/02/2004*	*100%*						*09/03/2005*	*DELETE*	
1172	*55079*	*Deleted at TSG#27 - GERAN BTS Conformance test for the Flex*	*Rel-6*	*G3*	**No**	*FLOGER-BTS*	*06/02/2004*	*06/02/2004*	*100%*		*GP-021023*	*Nokia*	*.com*		*09/03/2005*	*DELETE*	
1173	*53080*	*Deleted at TGS #27 - BTS Test in 51.021 - DELETE*	*Rel-6*	*G3*	No		*06/02/2004*	*06/02/2004*	*100%*						*09/03/2005*	*DELETE*	
1174	50041	**Uplink TDOA feasibility study**	Rel-6	GP	No	TDOAF	30/11/2001	28/06/2002	100%	45.811	GP-012794	TruePosition	.com)	Paolo	24/04/2003		
1175	**2544**	**Multimedia Broadcast and Multicast Service**	**Rel-6**	**S1**	**No**	**MBMS**	**11/05/2001**	**07/03/2008**	**100%**					**lichael**	**24/11/2001**	**Title renamed at SA#13**	
1176	2545	Stage 1	Rel-6	S1	No		11/05/2001	01/04/2002	100%	22.146, 22					04/07/2003	This may or may not be a sep	
1177	**32002**	**Stage 2**	**Rel-6**	**S2**	**No**		**24/09/2001**	**17/03/2004**	**100%**		**SP-010516**				**12/03/2004**		
1178	32702	TR on Architectural Study	Rel-6	S2	No		24/09/2001	23/08/2002	100%	23.846					08/07/2004		
1179	32703	Stage 2 Specification Work	Rel-6	S2	No		19/08/2002	17/03/2004	100%	23.246					21/10/2004		
1180	**2481**	**Introduction of MBMS in RAN**	**Rel-6**	**R2**	**No**	**MBMS-RAN**	**01/01/2002**	**15/09/2005**	**100%**	**25.346, 2!**	**Work_Items**	**Nokia**	**.com**	**:_RAN**	**08/07/2004**		
1181	20022	Introduction of MBMS in RAN (physical & upper layers, acce	Rel-6	R2	No	MBMS-RAN	01/01/2002	14/12/2004	100%	25.346, 2!		Nokia	ı.com	:_RAN	13/01/2005	Was "Introduction of MBMS i	
1182	20020	UE Performance Requirements for MBMS	Rel-6	R4	No	MBMS-RAN-R	15/09/2004	15/09/2005	100%	25.101, 25	Work_Items	Ericsson	ı.com	:_RAN	13/01/2006	Approved at RP#25 as RP-04	
1183	11030	Support of the MBMS in CN protocols	Rel-6	N1	No		18/06/2002	08/12/2004	100%		NP-040493				31/08/2008		
1184	13015	Gmb interface for MBMS (CN3 part)	Rel-6	N3	No		29/08/2003	08/12/2004	100%	29.061					09/03/2005		
1185	33008	Security Aspects of MBMS	Rel-6	S3	No	MBMS	01/07/2002	18/03/2005	100%		SP-020514	3	co.uk		31/08/2008	WID approved SA#17. 2004-	
1186	**50085**	**Support of MBMS in GERAN**	**Rel-6**	**GP**	**No**	**MBMS-GERAI**	**30/08/2001**	**28/01/2005**	**100%**		**GP-022566**				**09/03/2005**	**Completed**	
1187	50086	Impact on the logical and physical channels	Rel-6	GP	No		30/08/2002	28/01/2005	100%						09/03/2005		
1188	52085	Re-synchronisation at cell change	Rel-6	G2	No		30/08/2002	28/01/2005	100%						09/03/2005		
1189	50098	Simultaneous support of MBMS services	Rel-6	GP	No		30/08/2002	28/01/2005	100%						09/03/2005		
1190	50099	Simultaneous support of MBMS and non-MBMS services	Rel-6	GP	No		30/08/2001	28/01/2005	100%						09/03/2005		
1191	50100	Resynchronisation at cell change	Rel-6	GP	No		30/08/2001	28/01/2005	100%						09/03/2005		
1192	50087	Decision making process between point-to-point or pont-to-r	Rel-6	GP	No		30/08/2002	28/01/2005	100%						09/03/2005		
1193	50088	MBMS channel allocations procedures to multiple MSs	Rel-6	GP	No		30/08/2002	28/01/2005	100%						09/03/2005		
1194	50089	Changes to the Gb interface	Rel-6	GP	No		30/08/2002	28/01/2005	100%						09/03/2005		
1195	50090	GERAN specific changes to the Iu-ps interface	Rel-6	GP	No		30/08/2002	28/01/2005	100%						09/03/2005		
1196	50091	Interaction between MBMS and Iu-flex	Rel-6	GP	No		30/08/2002	28/01/2005	100%						09/03/2005		
1197	50092	Security aspects	Rel-6	GP	No		30/08/2002	28/01/2005	100%						09/03/2005		
1198	53081	MS conformance tests- G3	Rel-6	G3	No		25/01/2002	28/01/2005	100%						25/03/2005	Under evaluation	
1199	*55091*	*Deleted - MS conformance tests - G5*	*Rel-6*	*G5*	No		*27/06/2003*	*27/06/2003*	*100%*						*21/10/2004*		*GP-19*
1200	**31045**	**MBMS User Services**	**Rel-6**	**S1**	**No**		**13/05/2003**	**16/03/2006**	**100%**	**22.246**				**lichael**	**08/09/2004**		
1201	31044	MBMS User Services Stage 1	Rel-6	S1	No		13/05/2003	01/04/2004	100%	22.246				/ichael	07/12/2003		
1202	34026	Definition of MBMS user services, media codecs, formats ar	Rel-6	S4	No	MBMS-TSMBN	12/06/2003	16/03/2006	100%	26.346, 26	SP-030674	Nokia	ı.com	Paolo	13/01/2006	TR26.946 tbc by March 06	
1203	35038	MBMS charging	Rel-6	S5	No	MBMS-CH	11/01/2005	09/06/2005	100%	32.273	SP-040779				13/01/2006	SA#28 06/2005 completed	
1204	**25024**	**MBMS UE Conformance Testing**	**Rel-6**	**R5**	**Yes**	**MBMS-UECor**	**10/03/2006**	**07/03/2008**	**100%**	**34.108, 34**	**Work_Items**			**ı Baev**	**06/05/2008**	**BB place holder for a numb**	
1205	25014	RF/RRM Conformance Test Aspects – MBMS (FDD)	Rel-6	R5	Yes	MBMS-RAN-R	02/06/2006	07/03/2008	100%	34.108, 34	Work_Items	Ericsson	ı.com	n Baev	06/05/2008	TS 34.109 is under RAN2; R/	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	handonn at
1206	25022	Conformance Test Aspects - MBMS for 3.84 Mcps and 7.68	Rel-6	R5	No	MBMS-UECon	20/09/2006	07/12/2007	100%	34.108, 34	Work_Items	IPWireless	.com)	n Baev	06/05/2008		
1207	25023	Signalling Conformance Test Aspects – MBMS for LCR TDI	Rel-6	R5	No	MBMS-UECon	20/09/2006	07/12/2007	100%	34.108, 34	Work_Items	DATANG	ile.cn	n Baev	06/05/2008		
1208	25011	Conformance Test Aspects – MBMS	Rel-6	R5	No	MBMS_Test	10/03/2006	14/09/2007	100%	34.108, 34	Work_Items	Qualcomm	.com)	n Baev	06/05/2008		
1209	25038	Conformance Test Aspects - 1.28Mcps TDD MBMS RF/RRI	Rel-6	R5	No	MBMS-UECon	01/06/2007	07/12/2007	100%	34.108, 34	Work_Items	Datang Mobile	ile.cn	n Baev	06/05/2008		
1210	**31006**	**Speech Recognition and Speech Enabled Serv**	**Rel-6**	**S1**	**No**	**SRSES**	**08/10/2001**	**30/12/2005**	**100%**		**SP-010572**			**lichael**	**08/09/2004**		
1211	31007	Speech Enabled Services Based on Distributed Speech Recogni	Rel-6	S1	No	DSR	08/10/2001	15/03/2002	100%	22.941, 23	SP-010581	Qualcomm	ı.com		12/03/2004		
1212	32999	TR on Architectural impacts	Rel-6	S2	No		12/05/2003	02/03/2004	100%	23.877					08/07/2004		
1213	34700	Codec Work to Support Speech Recognition Framework for Auto	Rel-6	S4	No	SRSES-Codec	15/10/2002	16/12/2004	100%	26.235, 26	SP-020687	Motorola	.com)	Paolo	06/12/2004	Completed	
1214	60004	Multimodal support	Rel-6	OMA	No		01/01/2004	30/12/2005	100%				:e.org		25/03/2005		
1215	*11021*	*Deleted - SES codec negotiation at SDP*	*Rel-6*	*N1*	No		*04/06/2003*	*04/06/2003*	*100%*						*21/10/2004*	*Abandoned NP-23*	*NP-23*
1216	**31008**	**Generic User Profile Rel-6**	**Rel-6**	**S1**	**No**	**GUP**	**08/10/2001**	**03/03/2005**	**100%**		**SP-040515**			**lichael**	**28/03/2003**		
1217	31009	Stage 1 - Requirements	Rel-6	S1	No		08/10/2001	30/05/2003	100%	22.240, 22		T-Mobile	bile.at		25/03/2005		
1218	32008	Stage 2 - Architecture	Rel-6	S2	No		28/01/2002	06/06/2003	100%	23.240	SP-020539	Nokia	a.com		12/03/2004		
1219	42002	Stage 2 - Data Description Method	Rel-6	N4	No		05/12/2002	03/03/2005	100%	23.241	TP-020275	T-Mobile	bile.at	edhelm	09/03/2005	TR approved in CN#26	
1220	14008	Stage 3 - Network	Rel-6	N4	No		19/05/2003	03/03/2005	100%	29.240					09/03/2005	17 May no activity in CN4.....	
1221	33009	Security Aspects	Rel-6	S3	No		16/07/2002	18/09/2003	100%	33.102, 33	SP-030109	Lucent	.com)		13/01/2005	WID approved SA#17. SA W	
1222	**31010**	**Digital Rights Management**	**Rel-6**	**S1**	**No**	**DRM**	**08/10/2001**	**28/05/2004**	**100%**		**SP-010577**			**lichael**	**11/10/2001**	**Foreseen start and complet**	
1223	31011	Requirements	Rel-6	S1	No		08/10/2001	13/06/2002	100%			Openwave	e.com		04/07/2003		
1224	60005	Stage 2	Rel-6	OMA	No		01/01/2004	28/05/2004	100%				:e.org		25/03/2005		
1225	60006	Stage 3	Rel-6	OMA	No		01/01/2004	28/05/2004	100%				:e.org		25/03/2005		
1226	33001	Security	Rel-6	OMA	No		17/06/2002	03/03/2003	100%						25/03/2005	SA3 acknowledge role in WI a	
1227	*31037*	*Deleted - Monitoring of Stages 2 and 3 progress (actual work to b*	*Rel-6*	*S1*	No		*21/03/2003*	*21/03/2003*	*100%*						*08/09/2004*	*Replaced by UID 60005 and*	
1228	**31012**	**WLAN-UMTS Interworking Rel-6**	**Rel-6**	**S1**	**No**	**WLAN**	**03/01/2000**	**22/09/2005**	**100%**		**SP-030712**	**Telenor**	**.com**	**lichael**	**12/03/2004**		
1229	31020	Technical Report	Rel-6	S1	No	WLAN-TR	03/01/2000	13/06/2003	100%	22.934, 22	SP-030712	Telenor	r.com		08/06/2004		
1230	**31035**	**Stage 1**	**Rel-6**	**S1**	**No**	**WLAN-TS**	**06/01/2003**	**11/06/2004**	**100%**	**22.234**	**SP-030712**	**Telenor**	**.com**		**08/06/2004**		
1231	31058	Global stage 1	Rel-6	S1	No	WLAN-TS	06/01/2003	11/06/2004	100%	22.234	SP-030712	Telenor	r.com		19/01/2005		
1232	32018	Architecture Definition for scenarii 2 and 3	Rel-6	S2	No		25/03/2002	31/05/2004	100%	23.234	SP-020542				08/07/2004		
1233	32704	Security	Rel-6	S3	No		30/09/2002	21/03/2003	100%	21.133, 33	SP-020514	Ericsson	on.se		13/01/2005	Active contribution S3#24, S3	
1234	14013	Stage 3 - CN4 aspects	Rel-6	N4	No	WLAN-IW	23/05/2003	01/09/2004	100%	29.234, 29	NP-030490	Nokia	a.com		09/03/2005	WID approved at CN#19.....	
1235	13019	Stage 3 - CN3 aspects (Wi Interface for Scenario 3)	Rel-6	N3	No	WLAN	23/05/2003	30/09/2004	100%	29.161					09/03/2005		
1236	11042	Stage 3 for scenario 2	Rel-6	N1	No		23/05/2003	08/09/2004	100%		NP-030490				09/03/2005		
1237	11047	Stage 3 for scenario 3	Rel-6	N1	No		23/05/2003	08/12/2004	100%						09/03/2005		
1238	35033	WLAN charging	Rel-6	S5	No	WLAN-CH	21/03/2003	22/09/2005	100%	32.252	SP-030048	Nokia	a.com	Adrian	13/01/2006	SA#28: delayed 09/2005. WT	
1239	43010	USIM enhancements for WLAN Interworking	Rel-6	T3	No		05/09/2003	04/03/2005	100%		TP-030185	Axalto	o.com		19/01/2005		
1240	**31015**	**Priority Service**	**Rel-6**	**S1**	**No**	**NTShar**	**30/05/2002**	**26/09/2003**	**100%**		**SP 010739**			**lichael**	**08/09/2004**		
1241	31016	Feasibility Study	Rel-6	S1	No	PRIOR-FS	14/06/2002	14/06/2002	100%	22.950	SP-010523	Telcordia	.com)	Aichael	04/07/2003		
1242	31017	Stage 1 - Requirements	Rel-6	S1	No	PRIOR-SR	30/05/2002	17/09/2003	100%			Telcordia	.com)	Aichael	08/06/2004		
1243	31043	Priority service implementation guide	Rel-6	S1	No		28/03/2003	26/09/2003	100%	22.952		Telcordia	.com)		08/06/2004		
1244	**31018**	**Network Sharing**	**Rel-6**	**S1**	**No**	**NTShar**	**20/01/2003**	**15/12/2004**	**100%**		**SP 010739**			**lichael**	**12/03/2004**		
1245	31019	Technical Report	Rel-6	S1	No	NTShar-TR	20/01/2003	19/12/2003	100%	22.951				Aichael	12/03/2004		
1246	31038	Stage 1 - CRs to implement Network Sharing	Rel-6	S1	No	NTShar-CR	20/01/2003	19/12/2003	100%	22.011, 22					12/03/2004		
1247	32044	Stage 2	Rel-6	S2	No		27/02/2003	30/07/2004	100%	23.251	SP-030123				08/09/2004		
1248	11043	Network sharing - stage 3	Rel-6	N1	No		23/05/2003	08/12/2004	100%		NP-040429				06/12/2004		

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	handonn at	3, 200 e	Qt o Ja
1249	22004	Enhancement of the support of network sharing in the UTRAN	Rel-6	R2	No	NTShar-UTRA	19/09/2003	15/12/2004	100%	25.401, 25	Work_Items	TeliaSonera	a.com	:_RAN	13/01/2005				
1250	**32016**	**QoS Improvements**	**Rel-6**	**S2**	**No**	**QoS1**	**15/07/2002**	**08/12/2004**	**100%**		**SP-010719**	**Nokia**		**ang-Ui**	**24/01/2002**				
1251	32017	FS on Dynamic Policy control enhancements for end-to-end QoS	Rel-6	S2	No	QoS1	15/07/2002	23/04/2004	100%	23.917	SP-020540		Nortel		08/07/2004				
1252	32059	Definition of the Gq interface	Rel-6	S2	No		01/07/2003	23/04/2004	100%	23.221	SP-030306		Rinne		08/07/2004				
1253	13016	Gq interface specification for Dynamic Policy control enhanceme	Rel-6	N3	No		29/08/2003	08/12/2004	100%	24,228, 29	NP-030198	Nokia	a.com		09/03/2005	[DAB - 25.05.04] - Delayed to			
1254	**33002**	**Subscriber certificates**	**Rel-6**	**S3**	**No**	**SEC1-SC**	**25/02/2002**	**08/12/2004**	**100%**	**33.102**	**SP-010622**	**Nokia**	**.com**	**aurice**	**13/01/2005**	**Approved at SA#14. This m**			
1255	32705	Stage 1	Rel-6	S3	No		25/02/2002	12/09/2002	100%						08/11/2002	Contribution received S3#24,			
1256	32706	Architecture review	Rel-6	S2	No		14/10/2002	14/11/2002	100%						12/03/2004				
1257	14504	Stage 3	Rel-6	N4	No	SEC1-SC	19/09/2003	30/11/2004	100%		NP-030399	Nokia	itinen	Kimmo	09/03/2005	Finished in CN4#26			
1258	11049	Stage 3 Ua & Ub interfaces	Rel-6	N1	No		03/11/2003	08/12/2004	100%						09/03/2005				
1259	60007	OMA dependencies on Subscriber certificates	Rel-6	OMA	No		01/01/2004	08/06/2004	100%				:e.org		25/03/2005	Updated according to SP-040			
1260	**15010**	**Rel-6 OSA enhancements**	**Rel-6**	**N5**	**No**	**OSA3**	**31/10/2002**	**10/03/2005**	**100%**	**22.127, 23**	**NP-040351**	**Alcatel**	**ıtel.fr**	**Adrian**	**13/01/2005**	**CN#25: Updated WID NP-04**			
1261	31040	Scope of the Open Service Access Release 6	Rel-6	S1	No		28/03/2003	27/06/2003	100%		SP-030038				12/03/2004				
1262	15038	OSA Stage 2	Rel-6	N5	No		13/08/2004	10/03/2005	100%	23.198 O					25/03/2005	Inherited by CN5 from SA2 at			
1263	15026	Multi Media Messaging function	Rel-6	N5	No		31/10/2002	10/09/2004	100%	29.198-15					13/01/2005				
1264	15028	Policy management extensions	Rel-6	N5	No		31/10/2002	12/12/2003	100%	29.198, 29					13/01/2005				
1265	15029	TS on Presence and Availability Management (from the PRESNC	Rel-6	N5	No		31/10/2002	26/03/2004	100%	29.198-14					13/01/2005	N5#26: Split WI into TS & TR			
1266	15032	OSA interfaces at different levels of abstractions (Parlay X, Web	Rel-6	N5	No		14/07/2003	10/09/2004	100%	29.199					13/01/2005				
1267	15033	Introduction of migration support mechanism	Rel-6	N5	No		31/10/2002	10/12/2003	100%	29.198, 29					13/01/2005				
1268	15036	Framework Function for Federation	Rel-6	N5	No		03/02/2003	12/12/2003	100%	29.198, 29					13/01/2005				
1269	60008	OMA potential overlaps with 3GPP OSA Stage 3 (Web services)	Rel-6	OMA	No		18/12/2003	16/09/2004	100%						25/03/2005	TSG#25 Approved CN5 29.1			
1270	*15037*	*Deleted - TR on Presence and Availability Management (from the*	*Rel-6*	*N5*	No		*17/09/2004*	*17/09/2004*	*100%*						*21/10/2004*	*N5#26:TR Completion 09/04;*	*NP-24*		
1271	**50401**	**Addition of frequency bands to GSM (TAPS)**	**Rel-6**	**GP**	**No**	**TAPS**	**28/06/2002**	**28/01/2005**	**100%**		**GP-022072**	**Nokia**	**nsen**	**Paolo**	**09/03/2005**				
1272	**50094**	**Addition of frequency bands to GSM – Changes to core spe**	**Rel-6**	**G1**	**No**	**TAPS-Specs**	**15/11/2002**	**20/12/2002**	**100%**		**GP-022073**	**Nokia**	**nsen**		**13/02/2003**	**Ready**			
1273	51102	Changes to core specs	Rel-6	G1	No		15/11/2002	20/12/2002	100%						13/02/2003				
1274	***54102***	***Deleted at TSG #27 - Addition of frequency bands to GSM –***	***Rel-6***	***G4***	**No**	***TAPS-Conf***	***28/06/2002***	***28/01/2005***	***100%***		***GP-022074***	***Nokia***	***nsen***		***09/03/2005***	***DELETE***			
1275	*54103*	*Deleted at TSG #27 - 51.010-1 Add testing*	*Rel-6*	*G4*	No		*28/06/2002*	*28/01/2005*	*100%*						*09/03/2005*	*DELETE*			
1276	**50130**	**Seamless support of streaming services in A/G**	**Rel-6**	**GP**	**No**	**SSStrea**	**03/01/2000**	**17/06/2005**	**100%**		**GP-022561**	**Vodafone**	**tínez**	**Paolo**	**14/01/2004**				
1277	**51131**	**Identification of requirements for streaming**	**Rel-6**	**G1**	**No**		**27/06/2003**	**29/08/2003**	**100%**		**GP-022564**				**16/09/2003**	**Started**			
1278	51133	Requirements	Rel-6	G1	No		27/06/2003	29/08/2003	100%						16/09/2003				
1279	**51132**	**Performance study of cell change mechanisms**	**Rel-6**	**G1**	**No**		**03/01/2000**	**29/08/2003**	**100%**		**GP-022562**				**16/09/2003**	**Started**			
1280	51134	Performance of NACC	Rel-6	G1	No		03/01/2000	29/08/2003	100%						16/09/2003				
1281	51135	Performance of cell change in DTM for the PS domain	Rel-6	G1	No		03/01/2000	29/08/2003	100%						16/09/2003				
1282	51136	Handover	Rel-6	G1	No		03/01/2000	29/08/2003	100%						16/09/2003				
1283	**52131**	**Reduction of service interruption times and packet loss duri**	**Rel-6**	**G2**	**No**		**27/06/2003**	**17/06/2005**	**100%**		**GP-022563**				**16/09/2003**	**Completed at GERP#17**			
1284	52133	Optimisations of existing mechanisms/procedures	Rel-6	G2	No		27/06/2003	21/11/2003	100%						16/09/2003				
1285	52134	Inter-system NACC	Rel-6	G2	No		27/06/2003	21/11/2003	100%						16/09/2003				
1286	52135	PS Handover (within GERAN and between GERAN and UT	Rel-6	G2	No		27/06/2003	17/06/2005	100%						16/09/2003				
1287	52136	Dependency to other features	Rel-6	G2	No		27/06/2003	21/11/2003	100%						16/09/2003				
1288	**54131**	**MS conformance testing**	**Rel-6**	**G3**	**No**		**19/12/2003**	**30/01/2004**	**100%**		**GP-023424**				**12/03/2004**	**Closed, no work needed**			
1289	54132	MS conformance tests	Rel-6	G4,G5	No		19/12/2003	30/01/2004	100%						01/12/2003	Closed, no work needed			
1290	33013	GERAN A/Gb mode security enhancements	Rel-6	S3	No		26/09/2002	28/01/2005	100%	33.102	SP-030107	Vodafone	e.com	laurice	13/01/2005	Possible changes to 33.102 c			
1291	34300	**Performance characterisation of default codec**	Rel-6	S4	No	CODCAR	13/09/2002	10/06/2004	100%	26.935	SP-020433	Nokia	a.com	Paolo	08/09/2004				

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
1292	31030	**Study on Privacy Capability**	Rel-6	S1	No	PrivCap	10/11/2003	03/03/2004	100%	21.949	SP-020579	Lucent	Daniel	Michael	09/03/2005		
1293	**35010**	**OAM&P Rel-6**	**Rel-6**	**S5**	**No**	**OAM**	**12/09/2002**	**11/03/2005**	**100%**	**32-series**	**SP-040766**	**Motorola**	**COM**	**Adrian**	**13/01/2005**	**SA#26: Updated WID SP-04**	
1294	35011	Principles, high level Requirements and Architecture	Rel-6	S5	No	OAM-AR	12/09/2002	16/09/2004	100%	32.101, 32	SP-040767	Motorola	COM		13/01/2006	SA#25 09/2004 completed	
1295	35012	Performance Management	Rel-6	S5	No	OAM-PM	12/09/2002	16/12/2004	100%	32.401/3, 5	SP-040782	Nortel	COM		13/01/2006	SA#26 12/2004 completed	
1296	35014	Network Infrastructure Management	Rel-6	S5	No	OAM-NIM	12/09/2002	16/12/2004	100%	32.15x, 32	SP-040789	Ericsson	on.se		13/01/2006	SA#26 12/2004 completed	
1297	**35015**	**Trace Management Rel-6**	**Rel-6**	**S5**	**No**	**OAM-Trace**	**20/09/2002**	**11/03/2005**	**100%**	**32.42x, 52**	**SP-040782**	**Nokia**	**.com**		**09/03/2005**	**SA#26 12/2004 SA5 comple**	
1298	35022	Subscriber and UE trace management	Rel-6	S5	No	OAM-Trace	20/09/2002	16/12/2004	100%	32.421/2/3		Nokia	a.com		13/01/2006	SA#26 12/2004 completed	
1299	23013	Subscriber and equipment trace in UTRAN	Rel-6	R3	No	OAM-Trace-RA	06/06/2003	15/06/2004	100%	25.413, 25	Items_History	Nortel	.com)	2_RAN	13/01/2005		
1300	14016	Trace Management, Stage3	Rel-6	N4	No	OAM-Trace	09/06/2004	11/03/2005	100%	23.205, 29	NP-040411	Nokia	a.com		09/03/2005		
1301	**35016**	**Charging Management**	**Rel-6**	**S5**	**No**	**CH**	**21/11/2002**	**09/06/2005**	**100%**	**32.2xy**	**SP-040773**	**T-Mobile**	**le.de**	**Adrian**	**13/01/2006**	**SA#28 Target 09/2005 for W**	
1302	35037	Charging architecture and principles	Rel-6	S5	No	CH	21/03/2003	16/09/2004	100%	32.240					13/01/2006	SA#25 09/2004 completed	
1303	35024	Charging Data Record (CDR) file format and transfer	Rel-6	S5	No	CH	21/03/2003	18/03/2004	100%	32.297					13/01/2006	SA#23 03/2004 completed	
1304	35025	CDR parameter description	Rel-6	S5	No	CH	21/03/2003	09/06/2005	100%	32.298					13/01/2006	SA#28 06/2005 completed	
1305	35026	Diameter charging applications	Rel-6	S5	No	CH	21/03/2003	16/09/2004	100%	32.299					13/01/2006	SA#25 09/2004 completed	
1306	35027	Online Charging System (OCS) architecture study	Rel-6	S5	No	CH	21/03/2003	18/09/2003	100%	32.815					13/01/2006	SA#21 09/2003 completed	
1307	35028	OCS: Applications and interfaces	Rel-6	S5	No	CH	21/03/2003	16/12/2004	100%	32.296					13/01/2006	SA#26 12/2004 completed	
1308	**35017**	**Charging Management for Bearer level**	**Rel-6**	**S5**	**No**	**CH-BC**	**21/03/2003**	**16/09/2004**	**100%**		**SP-030048**	**Nokia**	**DER**		**13/01/2006**	**SA#28 Target 09/2005 for W**	
1309	35029	CS domain charging	Rel-6	S5	No	CH	21/03/2003	18/03/2004	100%	32.250					13/01/2006	SA#23 03/2004 completed	
1310	35030	PS domain charging	Rel-6	S5	No	CH	21/03/2003	16/09/2004	100%	32.251					13/01/2006	SA#25 09/2004 completed	
1311	35031	CDR transfer	Rel-6	S5	No	CH	21/03/2003	16/09/2004	100%	32.295					13/01/2006	SA#25 09/2004 completed	
1312	35018	Charging Management for the IMS	Rel-6	S5	No	IMS2-CH	21/03/2003	16/12/2004	100%	32.260	SP-030049	Ericsson	PPO		13/01/2006	SA#26 12/2004 completed	
1313	35019	Charging Management for the Service domain	Rel-6	S5	No	CH	21/03/2003	09/06/2005	100%	32.252, 32	SP-040778	Siemens	MER		13/01/2006	SA#26: Updated WID SP-040	
1314	**32030**	**Overall architectural aspects of IP flow based bearer level ch**	**Rel-6**	**S2**	**No**	**CH-FBC**	**21/11/2002**	**11/03/2005**	**100%**	**23.125**	**SP-040041**				**08/07/2004**		
1315	32069	Overall definition of FBC architecture	Rel-6	S2	No		21/11/2002	02/03/2004	100%						09/03/2005		
1316	32070	Study on providing policy control with FBC	Rel-6	S2	No		02/02/2004	30/07/2004	100%						21/10/2004		
1317	13020	Gx interface for flow based charging	Rel-6	N3	No	CH-FBC	02/02/2004	08/12/2004	100%	29.210	NP-040245	Nokia	a.com		09/03/2005		
1318	13021	Rx interface for flow based charging	Rel-6	N3	No	CH-FBC	02/02/2004	11/03/2005	100%	29.209	NP-040339	Nortel	.com)		25/03/2005		
1319	**1800**	**Rel-6 UICC/USIM enhancements and interwork**	**Rel-6**	**T3**	**No**	**USAT1**	**25/09/2000**	**10/03/2005**	**100%**		**not needed**			**Claus**	**01/12/2000**		
1320	**1802**	**UICC API**	**Rel-6**	**T3**	**No**	**USAT1-API**	**20/03/2002**	**10/03/2005**	**100%**						**12/03/2001**	**8/3/2001: test spec is based**	
1321	43001	Java API Test specification	Rel-6	T3	No		20/03/2002	10/06/2002	100%		TP-020029	rónica Española	érez		NA		
1322	43006	2G/3G Java Card™ API based applet interworking	Rel-6	T3	No	USAT1-API	17/03/2003	05/03/2004	100%		TP-030031	ır Card Systems	ndrau		19/01/2005		
1323	43007	(U)SIM API for Java Card Testing Work Item	Rel-6	T3	No		17/03/2003	10/03/2005	100%	31.213	TP-040186	Axalto	.com)	edhelm	02/06/2005		
1324	*43003*	*Deleted - Java API Test specification (TS 43.019 Rel-5)*	*Rel-6*	*T3*	No		*30/05/2002*	*09/06/2003*	*100%*		*TP-020122*	*ónica Española*	*érez*		*NA*	*MOVED to Rel-5 WP*	
1325	**43004**	**Rel-6 USIM toolkit enhancements**	**Rel-6**	**T3**	**No**		**25/09/2000**	**04/03/2005**	**100%**					**Claus**	**19/01/2005**		
1326	**502031**	**C SIM API**	**Rel-6**	**T3**	**No**	**USAT1-API-M**	**25/09/2000**	**27/09/2002**	**100%**		**TP-000155**				**NA**		
1327	502032	Specification	Rel-6	T3	No		25/09/2000	27/09/2002	100%		TP-000155	spects Software	gston		NA		
1328	502033	Test specification	Rel-6	T3	No		01/01/2001	28/09/2001	100%		TP-000155	spects Software	gston		NA		
1329	43009	USIM application toolkit Conformance Test Specification for	Rel-6	T3	No		05/12/2003	04/03/2005	100%	31.124	TP-030259	Gemplus	s.com		02/06/2005		
1330	**34022**	**Packet Switched Streaming Services Rel-6**	**Rel-6**	**S4**	**No**	**PSSrel6**	**18/11/2002**	**07/12/2005**	**100%**		**SP-020685**	**Ericsson**	**.com**	**Paolo**	**09/03/2005**		
1331	31039	Stage 1	Rel-6	S1	No		18/11/2002	17/03/2003	100%	22.233					12/03/2004	2nd resp SA4	
1332	34024	Stage 3	Rel-6	S4	No	PSSrel6-Stage	13/12/2002	07/12/2005	100%	26.233, 26		Ericsson	n.com	Paolo	13/01/2006	TR tbc by Sept. 05	
1333	34023	**AMR-WB extension for high audio quality**	Rel-6	S4	No	AMRWB+	13/12/2002	07/12/2005	100%	26.290, 26	SP-030083	Nokia	a.com	Paolo	13/01/2006	TR tbc by Sept. 05	
1334	34027	**Codec Enhancements for Packet Switched Cor**	Rel-6	S4	No	CEPSCM	16/03/2004	16/12/2004	100%	26.235, 26	SP 040066	Nokia	a.com	Paolo	06/12/2004	Completed	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at	3, 200 e	Qt o Ja
1335	34028	**3G-324M Improvements**	Rel-6	S4	No	3G-324MI	16/03/2004	16/12/2004	100%	26.111, 26	SP-040067	Ericsson	ı.com	Paolo	06/12/2004	Completed			
1336	51101	**Single Antenna Receiver Interference Cancella**	Rel-6	GP;G1	No	SAIC	15/11/2002	27/08/2004	100%		GP-023400	Cingular	Grant	Paolo	06/12/2004				
1337	**12006**	**Enhancement of dialled service for CAMEL**	**Rel-6**	**S1**	**No**	**EDCAMEL**	**28/03/2003**	**31/12/2003**	**100%**		**SP-020818**	**Samsung**	**shop**	**Irijana**	**12/03/2004**				
1338	12007	Stages 2 and 3	Rel-6	N4	No		28/03/2003	31/12/2003	100%		NP-030153				09/03/2005				
1339	32060	**Bandwidth and resource savings in CS networ**	Rel-6	S2	No	BARS	01/06/2003	16/06/2004	100%	23.977	SP-030308			ang-Ui	08/07/2004				
1340	33018	**FS on (U)SIM Security Reuse by Peripheral Dev**	Rel-6	S3	No		03/07/2003	26/12/2003	100%		SP-030341	Toshiba	.com)	laurice	06/12/2004	Approved TSG#20			
1341	**50600**	**Multiple TBF in A/Gb mode**	**Rel-6**	**GP;G2**	**No**	**MULTBF**	**05/04/2002**	**28/01/2005**	**100%**		**GP-021263**	**Ericsson**	**on.se**	**Paolo**	**13/01/2006**				
1342	**50601**	**Multiple TBF in A/Gb mode**	**Rel-6**	**GP;G2**	**No**	**MULTBF-Agb**	**05/04/2002**	**29/08/2003**	**100%**		**GP-021263**	**Ericsson**	**on.se**		**16/09/2003**				
1343	50602	Multiple TBF Concept paper	Rel-6	GP;G2	No		05/04/2002	29/08/2003	100%						16/09/2003				
1344	50603	Multiple TBF Stage 2 (43.064) CRs	Rel-6	GP;G2	No		05/04/2002	29/08/2003	100%						16/09/2003				
1345	50604	Multiple TBF Stage 3 (44.060) CRs	Rel-6	GP;G2	No		05/04/2002	29/08/2003	100%						06/12/2004				
1346	*50605*	*Deleted at TGS # 27 - Multiple TBF in A/Gb mode – MS testing*	*Rel-6*	*G3*	No	*MULTBF-Testi*	*28/01/2005*	*28/01/2005*	*100%*		*GP-022098*	*Ericsson*	*on.se*	Paolo	*09/03/2005*	*DELETE*			
1347	**50096**	**Alignment between the test-regimes for GERAI**	**Rel-6**	**G3**	**No**	**ALTERE**	**29/08/2003**	**02/09/2005**	**100%**		**GP-032236**	**Ericsson**	**bassi**	**Stoyan**	**13/01/2006**				
1348	50097	Determine the controversial test cases in the different test regime	Rel-6	G3	No	ALTERE-TC	29/08/2003	02/09/2005	100%						13/01/2006	Completed			
1349	50444	**Addition of U-TDOA in the CS domain**	Rel-6	GP	No	UTDOACS	21/11/2003	23/04/2004	100%		GP-032773	TruePosition	.com)	Paolo	12/03/2004	Completed, except for potenti			
1350	50445	**Addition of U-TDOA in the PS domain**	Rel-6	GP	No	UTDOAPS	27/06/2003	12/11/2004	100%		GP-032774	TruePosition	.com)	Paolo	06/12/2004				
1351	**50101**	**Downlink Advanced Receiver Performance**	**Rel-6**	**GP**	**No**	**DARP**	**21/11/2003**	**02/09/2005**	**100%**		**GP-041966**	**Nokia**	**.com**	**Paolo**	**13/01/2006**				
1352	50102	DARP test scenarios	Rel-6	GP	No	DARP-TS	21/11/2003	27/08/2004	100%		GP-041967	Nokia	ı.com	Paolo	06/12/2004				
1353	**50103**	**DARP for GMSK modulated voice services**	**Rel-6**	**GP**	**No**	**DARP-GMSK**	**06/02/2004**	**12/11/2004**	**100%**		**GP-041968**	**Nokia**	**.com**	**Paolo**	**13/01/2006**				
1354	50104	Performance requirements in 45.005	Rel-6	GP	No	DARP-GMSK-I	06/02/2004	12/11/2004	100%						06/12/2004				
1355	50105	Radio subsystem link control in 45.008	Rel-6	GP	No	DARP-GMSK-I	06/02/2004	12/11/2004	100%						06/12/2004				
1356	**50106**	**DARP for GPRS and EGPRS MCS1-MCS4**	**Rel-6**	**GP**	**No**	**DARP-GPRSE**	**06/02/2004**	**12/11/2004**	**100%**		**GP-041969**	**Nokia**	**.com**	**Paolo**	**09/03/2005**				
1357	50107	Performance requirements in 45.005	Rel-6	GP	No	DARP-GPRSE	06/02/2004	12/11/2004	100%						06/12/2004				
1358	50108	Radio subsystem link control in 45.008	Rel-6	GP	No	DARP-GPRSE	06/02/2004	12/11/2004	100%						06/12/2004				
1359	50115	DARP Capability signalling	Rel-6	GP	No	DARP-CAPSIC	21/11/2003	12/11/2004	100%		GP-041970	Nokia	ı.com	Paolo	06/12/2004				
1360	50116	GERAN MS Conformance test for DARP	Rel-6	G3	No	ARP-ConfTest	27/08/2004	02/09/2005	100%		GP-041971	Nokia	ı.com	Michael	13/01/2006	Started			
1361	**50109**	**Reduction of PS service interruption in Dual Tr**	**Rel-6**	**G2**	**No**	**PSintDTM**	**21/11/2003**	**24/06/2005**	**59%**		**GP-032548**	**Siemens**	**co.uk**	**Gert**	**13/01/2006**				
1362	50110	Use case and requirement definition	Rel-6	G2	No	PSintDTM-Rec	21/11/2003	23/04/2004	100%		GP-032549	Siemens	co.uk	Gert	13/01/2006				
1363	50111	Performance Study of Current Procedures	Rel-6	G2	No	PSintDTM-Per	21/11/2003	23/04/2004	100%		GP-032550	Siemens	co.uk	Gert	13/01/2006				
1364	50112	Reduction of service interruption times and packet loss during Du	Rel-6	G2	No	PSintDTM-Rec	23/04/2004	12/11/2004	100%		GP-032551	Siemens	co.uk	Gert	13/01/2006				
1365	50113	MS Conformance testing	Rel-6	G3	No	PSintDTM-Cor	25/06/2004	24/06/2005	0%					Stoyan	13/01/2006	On-going			
1366	*50114*	*Deleted - BTS Conformance testing*	*Rel-6*	*G3*	No	*PSintDTM-Cor*	*24/06/2005*	*24/06/2005*	*100%*					Paolo	*13/01/2006*				
1367	12008	**CAMEL prepay interworking with SCUDIF**	Rel-6	N4	No	SCCAMEL	08/12/2003	05/10/2004	100%		NP-030584			Kimmo	09/03/2005				
1368	**31046**	**Circuit Switched Video and Voice Service Impr**	**Rel-6**	**S1**	**No**	**CS_VSS**	**12/01/2004**	**02/09/2005**	**100%**	**23.801**	**SP-040331**	**Vodafone**	**atson**	**lichael**	**08/07/2004**				
1369	31047	Stage 1 - Requirements	Rel-6	S1	No	CS_VSS	12/01/2004	14/10/2004	100%			Vodafone	atson	Michael	08/06/2004				
1370	32071	Stage 2 Study on architecture alternatives	Rel-6	S2	No	CS_VSS	12/01/2004	13/08/2004	100%						06/12/2004				
1371	32072	Stage 2 description on Redial	Rel-6	S2	No	CS_VSS	03/05/2004	16/12/2004	100%	23.903					09/03/2005				
1372	11053	Switching between voice and video call - Redial solution	Rel-6	C1	No	CS_VSS	03/01/2005	17/06/2005	100%						02/06/2005				
1373	*52137*	*Deleted - GERAN2 Part*	*Rel-6*	*G2*	No	*CS_VSS*	*02/09/2005*	*02/09/2005*	*100%*					Gert	*21/04/2005*				
1374	*13017*	*Deleted - CN3 Part*	*Rel-6*	*N3*	No	*CS_VSS*	*14/10/2004*	*14/10/2004*	*100%*						*21/10/2004*				
1375	33020	**Network Domain Security; MAP application lay**	Rel-6	S3	No	MAPSEC	06/07/2004	29/12/2004	20%		SP-040280	Vodafone	e.com	laurice	06/12/2004	Approved TSG#24			
1376	33021	**FS on Security for early IMS**	Rel-6	S3	No	SEC-IMS	01/10/2004	28/03/2005	100%		SP-040691	Vodafone	e.com	laurice	25/03/2005	Approved TSG#24. TR 33.97			
1377	13024	**Reorganisation of CS Data Specifications**	Rel-6	N3	No	CS Data	19/11/2004	08/12/2004	100%		NP_040563	Siemens	s.com	ng Don	09/03/2005	Created at TSG#27 as 100 %			

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	handonn at	3, 200 e	Qt o	Ja
1378	**50553**	**Generic Access to A/Gb Interface (GAAI)**	**Rel-6**	**GP**	**No**	**GAAI**	**25/06/2004**	**20/01/2006**	**95%**		**GP-042247**	**Motorola**		**Paolo**	**13/01/2006**					
1379	50544	FS on GAAI	Rel-6	GP	No	GAAG	25/06/2004	27/08/2004	100%	43.901	GP-041592	Motorola		Paolo	25/03/2005	Feasibility Study				
1380	50554	GAAI – Stage 2	Rel-6	GP	No	GAAI-Stage2	27/08/2004	08/04/2005	100%	43.318		Ericsson	ı.com	Paolo	25/03/2005	Completed				
1381	50555	GAAI – Stage 3	Rel-6	GP	No	GAAI-Stage3	27/08/2004	08/04/2005	100%	44.318				Gert	13/01/2006	Completed				
1382	50556	MS Conformance Test for GAAI	Rel-6	GP	No	GAAI-CT	27/08/2004	20/01/2006	90%					Stoyan	13/01/2006	Started				
1383	**50559**	**Support of PS Handover for GERAN A/Gb mod**	**Rel-6**	**GP-G2**	**No**	**SPSHAGB**	**03/11/2003**	**24/08/2005**	**100%**		**GP-051160**	**Ericsson**	**.com**	**Paolo**	**13/01/2006**	**Replaces SCSAGB- Origina**				
1384	50560	Stage 2	Rel-6	GP-G2	No	SPSHAGB-Sta	03/11/2003	24/08/2005	100%	43.129	GP-051161	Ericsson	ı.com	Paolo	13/01/2006	Replaces SCSAGB-Stage2				
1385	50561	PS handover	Rel-6	GP-G2	No	SPSHAGB-PS	03/11/2003	24/08/2005	100%		GP-051162	Ericsson	ı.com	Paolo	13/01/2006	Replaces SCSAGB-PSH				
1386	50562	Definition of radio resource management functionality	Rel-6	GP-G2	No	SPSHAGB-RR	03/11/2003	24/08/2005	100%		GP-051163	Ericsson	ı.com	Paolo	13/01/2006	Replaces SCSAGB-RRM				
1387	**60111**	**small Technical Enhancements and Improveme**	**Rel-6**	**Generic**	**No**	**TEI6**	**02/06/2006**	**06/05/2008**	**100%**						**06/05/2008**	**"Joker" WI, to be used for a**				
1388	25019	Small Technical Enhancements and Improvements for Rel-6 Con	Rel-6	R5	Yes	TEI6_Test	02/06/2006	06/05/2008	100%	34.108,34.	Work_Items			n Baev	06/05/2008	"Joker" WI, to be used for sm				
1389	*31029*	*Deleted - Study of Feature Interactions Requirements*	*Rel-6*	*S1*	No	*FINTER*	*01/10/2004*	*01/10/2004*	*100%*		*SP-020578*				*21/10/2004*	*SP-23 - To be abandoned?*				
1390	*50563*	*Deleted (moved to Rel7) - Enhancements of VGCS in public networks*	*Rel-6*	*GP-G2*	No	*EVGCS*	*24/08/2005*	*24/08/2005*	*100%*	*44.018, 44*	*GP-041837*	*Siemens*	*co.uk*	Gert	*21/04/2005*	*Started*				
1391	*50500*	*Deleted - Support of Conversational Services in A/Gb mode via the P*	*Rel-6*	*GP*	**No**	*SCSAGB*	*21/11/2003*	*19/02/2004*	*100%*		*GP-030443*	*Ericsson*	*com)*	**Paolo**	*12/03/2004*					
1392	*50501*	*Delete - Creation of a TR*	*Rel-6*	*GP*	No	*SCSAGB-TR*	*21/11/2003*	*21/11/2003*	*100%*		*GP-030444*	*Ericsson*	*com)*		*01/12/2003*					
1393	*50502*	*Delete - Stage 2*	*Rel-6*	*GP*	No	*SCSAGB-Stag*	*21/11/2003*	*21/11/2003*	*100%*		*GP-030445*	*Ericsson*	*com)*		*06/12/2004*	*Started*				
1394	*50503*	*Delete - Radio Channel Support*	*Rel-6*	*GP*	No	*SCSAGB-RCS*	*21/11/2003*	*21/11/2003*	*100%*		*GP-030446*	*Ericsson*	*com)*		*06/12/2004*	*Not started*				
1395	*50504*	*Delete - Definition of radio resource management functionality*	*Rel-6*	*GP;G2*	No	*SCSAGB-RRM*	*21/11/2003*	*21/11/2003*	*100%*		*GP-030447*	*Ericsson*	*com)*		*06/12/2004*	*Not started*				
1396	*50505*	*Delete, replaced by 50561 - PS Handover*	*Rel-6*	*P;GP, N1*	No	*SCSAGB-PSH*	*21/11/2003*	*19/02/2004*	*100%*		*GP-030448*	*Ericsson*	*com)*		*25/03/2005*	*Started*				
1397	*50506*	*Delete - Modifications to FLO*	*Rel-6*	*GP;G2*	No	*SCSAGB-FLO*	*21/11/2003*	*21/11/2003*	*100%*		*GP-030449*	*Ericsson*	*com)*		*06/12/2004*	*Not started*	*RP-29*			
1398	*2*	*Deleted - Rel-6 Evolutions of the transport in the UTRAN*	*Rel-6*	*RP*	No	*ETRAN*	*31/12/2003*	*31/12/2003*	*100%*		*Work_Items*	*Alcatel*	*atel.fr*	Cesar	*08/07/2004*	*Generic feature*				
1399	0	**Release 5 Features**	Rel-5	RP,SP,TP	No		03/01/2000	03/01/2000	0%						NA					
1400	625	**IP transport in the UTRAN**	Rel-5	R3	No	ETRAN-IPtran	17/07/2000	29/03/2002	100%		RAN Wis	Alcatel	revon		12/12/2001					
1401	2455	**FS on Usage of SUA**	Rel-5	N4	No	SS7IP	12/03/2001	21/12/2001	100%		NP-010460				12/12/2001	update WID...				
1402	**2476**	**High Speed Downlink Packet Access**	**Rel-5**	**R2**	**No**	**HSDPA**	**02/04/2001**	**06/06/2003**	**100%**		**RAN_Wis**	**Motorola**	**hotla**	**Cesar**	**10/12/2001**					
1403	2477	Physical Layer		R1	No	HSDPA-Phys	05/04/2001	29/03/2002	100%		RP-010262	Motorola	ihosh		25/03/2002					
1404	2478	Layer 2 and 3 aspects		R2	No	HSDPA-L23	05/04/2001	29/03/2002	100%		RAN_Wis	Motorola	hotla		28/02/2002	30 November: Completion da				
1405	2479	Iub/Iur protocol aspects		R3	No	HSDPA-Iublur	02/04/2001	29/03/2002	100%		RP-010262	Motorola	iesen		01/03/2002					
1406	2480	RF Radio Transmission/ Reception, System Performance Requir		R4	No	HSDPA-RF	09/04/2001	06/06/2003	100%		RP-010262	Motorola	Benn		27/03/2003					
1407	**501216**	**Rel-5 Improvements of Radio Interface**	**NA**	**RP**	**No**	**RInImp**	**14/08/2000**	**30/08/2002**	**89%**		**RAN Wis**			**ukasa**	**11/10/2001**					
1408	**1471**	**Base station classification**	**Rel-5**	**R4**	**No**	**RInImp-BSCla**	**14/08/2000**	**14/06/2002**	**100%**		**RAN_Wis**	**Nokia**	**skala**		**03/10/2001**					
1409	1477	TDD Base station classification		R4	No	RInImp-BSClas	14/08/2000	08/03/2002	100%		RAN_Wis	Nokia	skala		21/06/2002					
1410	24002	Base Station Classification for 1.28 Mcps TDD option		R4	No	RInImp-BSClas	15/06/2001	14/06/2002	100%			Siemens	s.com		21/06/2002					
1411	2469	Enhancement on the DSCH hard split mode	Rel-5	R1	No	RInImp-DSCHI	16/03/2001	29/03/2002	100%			Samsung	l KIM		25/03/2002					
1412	1217	Hybrid ARQ II/III	Rel-5	R2	No	RInImp-HARQ	21/08/2000	28/12/2001	100%		RAN_Wis	Siemens	Sitte		24/01/2002	Stopped at RP#14; work on th				
1413	1221	FS on USTS	Rel-5	R1	No	RInImp-USTS	14/08/2000	21/12/2001	100%		RAN_Sis	SK Telecom	. Kim		28/02/2002					
1414	1997	FS on UE antenna efficency test method performance requireme	Rel-5	R4	No	RInImp-UEAnT	25/09/2000	14/09/2001	100%		RAN_Sis	Allgon	sson		03/10/2001					
1415	2494	FS on the re-introduction of the downlink SIR measurement	Rel-5	R4	No	RInImp-SIR	12/03/2001	14/12/2001	100%			Ericsson	ı.com	Cesar	29/11/2001					
1416	2493	FS on mitigating the effect of CPICH interference at the UE	Rel-5	R4	No	RInImp-CPICH	19/03/2001	08/03/2002	100%			Intel	COM	Cesar	01/03/2002					
1417	**1839**	**Conformance Test Spec. improvements in Radio Interface**		**T1**	**No**		**18/02/2002**	**30/08/2002**	**0%**						**11/10/2001**					
1418	2210	Testing improvement of inter-frequency and inter-system me	Rel-5	T1	No		18/02/2002	30/08/2002	0%						28/02/2002	start/finish dates set...				
1419	2211	Testing Hybrid ARQ II/III	Rel-5	T1	No		18/02/2002	30/08/2002	0%						28/02/2002	start/finish dates set...				
1420	**500009**	**Rel-5 RAN improvements**	**NA**	**RP**	**No**	**RANimp**	**16/03/2001**	**01/03/2004**	**87%**		**RAN Wis**			**Cesar**	**21/06/2002**					

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at	3, 200 e	Qt o Ja
1421	**656**	**RRM optimization for Iur and Iub**	**Rel-5**	**R3**	**No**	**RANimp-RRM**	**16/03/2001**	**04/06/2002**	**100%**		**RAN_Wis**	**Ericsson**	**on.se**		**12/03/2001**				
1422	23000	Iur common transport channel efficiency optimisation		R3	No	RANimp-RRM	16/03/2001	29/03/2002	100%			Ericsson	irijoo		21/03/2002				
1423	23001	Iur neighbouring cell reporting efficiency optimisation		R3	No	RANimp-RRM	16/03/2001	29/03/2002	100%			Ericsson	irijoo		01/03/2002				
1424	23002	FS Introduction of direct transport bearers between SRNC a		R3	No	RAN-imp-RRM	15/06/2001	04/06/2002	100%			Ericsson	onen		08/11/2002	FS was closed and introducti			
1425	2488	RL Timing Adjustment	Rel-5	R3	No	RANimp-RLTA	16/03/2001	29/03/2002	100%			Ericsson	tolina		01/03/2002				
1426	2489	Separation of resource reservation and radio link activation	Rel-5	R3	No	RANimp-SepR	16/03/2001	29/03/2002	100%			Ericsson	on.se		01/03/2002				
1427	23003	FS SRNS Relocation Procedure Enhancement	Rel-5	R3	No	RANimp-SRNS	15/06/2001	03/09/2002	100%			Nokia	Guyot		08/11/2002				
1428	2490	FS Improvement of Radio Resource Management across RNS a	Rel-5	R3	No	RANimp-ImpRI	16/03/2001	21/12/2001	100%			Nokia	skala		08/11/2002	FS was closed and WI was in			
1429	2491	Re-arrangements of Iub transport bearers	Rel-5	R3	No	RANimp-TTPS	16/03/2001	29/03/2002	100%			Nokia	skala		01/03/2002				
1430	22000	RAB support enhancement for Rel-5	Rel-5	R2	No	RANimp-RABS	02/04/2001	28/06/2002	100%		RAN Wis	Nokia	Mikola		21/06/2002	RFC 3095 context relocation			
1431	21001	Beamforming requirements for UE	Rel-5	R1	No	RANimp-BFR-I	21/09/2001	14/12/2001	100%			Nokia	htävä		28/02/2002				
1432	21002	Support of Site Selection Diversity Transmission in UTRAN	Rel-5	R1	No	RANimp-SSDT	14/12/2001	04/06/2002	100%			NEC			21/06/2002	RP-020356			
1433	2472	Node B Synchronisation for 1.28 Mcps TDD	Rel-5	R1	No	RANimp-NBSL	16/03/2001	29/03/2002	100%			CATT	ig HU		25/03/2002				
1434	1912	Start Testing		MLST	No		03/12/2001	03/12/2001	0%						01/04/2000				
1435	**2102**	**Conformance Test Aspects - RAN Improvements**		**T1**	**No**		**01/01/2002**	**01/03/2004**	**0%**	**0%**					**01/04/2000**				
1436	2222	Testing Radio access bearer support enhancments		T1	No		01/01/2002	02/09/2002	0%						10/12/2001	duration set to 6 months (was			
1437	41010	General changes to TS34.121 and TS34.122 corresponding	Rel-5	T1	No	RANimp-test	03/03/2003	01/03/2004	0%	34.108, 34					14/03/2003				
1438	23004	**UTRAN Sharing in Connected Mode**	Rel-5	R3	No	NETSHARE	03/12/2001	03/09/2002	100%			Ericsson	lsson		08/11/2002	Formerly 'Shared Network su			
1439	**1273**	**Provisioning of IP-based multimedia services**	**NA**	**S1**	**No**	**IMS**	**03/01/2000**	**03/03/2004**	**92%**		**SP-000216**	**Openwave**	**taldo**	**:/Alain**	**28/02/2002**	**S1 WI proposed S1-000290.**			
1440	**1274**	**Call control and roaming to support IMS in UMTS**	**Rel-5**	**S2**	**No**	**IMS-CCR**	**03/01/2000**	**14/06/2002**	**98%**		**SP-010339**	**Lucent**	**aniel**		**24/01/2002**				
1441	1633	Stage 1		S1	No		21/02/2000	15/12/2000	100%	22.228		Motorola	.com)		30/03/2001	Issues include e.g.: Roaming			
1442	1514	Stage 2 (Architecture and Main flows)		S2	No		14/04/2000	23/03/2001	100%	23.228	SP-000289	Lucent	Daniel		08/02/2001	Issues include e.g.: Mobile IP			
1443	1296	Impact on MM/CC/SM		N1	No	IMS-CCR-IWM	28/08/2000	08/03/2002	100%		NP-010434	Lucent	.com)		25/03/2002	Per 26/2-02: This is understo			
1444	**2233**	**SIP Call Control protocol for the IMS**		**N1**	**No**		**03/01/2000**	**14/06/2002**	**98%**	**24.228, 24**	**NP-010643**	**Lucent**	**com)**		**24/01/2002**	**TSGN_10 approved the cha**			
1445	1998	IMS signalling flows		N1	No		02/10/2000	22/03/2002	100%	24.228					14/03/2003	TS 24.228...			
1446	1278	IMS stage 3		N1	No		02/10/2000	22/03/2002	100%	24.229					14/03/2003	TS 24.229...			
1447	2255	IMS Session Handling; stage 2		N1	No		02/10/2000	22/03/2002	100%	23.218					28/02/2002	TS 23.218...			
1448	**10004**	**Main IETF dependencies**		**NP**	**No**		**03/01/2000**	**07/06/2002**	**99%**						**28/03/2003**				
1449	2521	IETF: RFC 3261 (Session Initiation Protocol)		N1	No		24/11/2000	22/03/2002	100%						14/03/2003				
1450	2523	IETF: RFC 3262 (Reliability of provisional respons		N1	No		24/11/2000	22/03/2002	100%						14/03/2003				
1451	2522	IETF: RFC 3312 (Without COMET)(Integration of r		N1	No		24/11/2000	13/05/2002	100%						14/03/2003				
1452	2524	IETF: RFC 3323 (SIP extensions for caller identity		N1	No		24/11/2000	13/05/2002	100%						14/03/2003				
1453	2525	IETF: RFC 3313 (SIP extensions for media author		N1	No		24/11/2000	13/05/2002	100%						14/03/2003				
1454	11000	IETF: RFC 3265 (specific event notification)		N1	No		24/11/2000	22/03/2002	100%						14/03/2003				
1455	11001	IETF: RFC editor Queue (refer method)		N1	No		24/11/2000	07/06/2002	100%						14/03/2003				
1456	11002	IETF: RFC editor Queue (DHCP options for SIP se		N1	No		24/11/2000	13/05/2002	100%						14/03/2003				
1457	11004	IETF: RFC 3267 (AMR and AMR WB RTP and SD		N1	No		24/11/2000	22/03/2002	100%						14/03/2003				
1458	11005	IETF: RFC 3266 (IPv6 support within SDP)		N1	No		03/01/2000	22/03/2002	100%						14/03/2003				
1459	11022	IETF: RFC 3311 (The Update method)		N1	No		24/11/2000	13/05/2002	100%						14/03/2003				
1460	11023	IETF: RFC 3324 (Network Asserted Identity)		N1	No		24/11/2000	13/05/2002	100%						14/03/2003				
1461	11024	IETF: RFC editor Queue (Various 3GPP Private E		N1	No		24/11/2000	13/05/2002	100%						14/03/2003				
1462	**1290**	**Addressing**		**S2**	**No**		**09/10/2000**	**22/03/2002**	**100%**						**01/04/2000**				
1463	1291	Architectural issues		S2	No		09/10/2000	31/08/2001	100%						08/02/2001				

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at	3, 200 e	Qt o Ja
1464	1292	Impact on HSS		N4	No		15/11/2000	22/03/2002	100%						30/05/2002	17th May, KK: This is cover b			
1465	**2530**	**Service Examples (Work stopped)**		**S1**	**No**	**IMS-Sex**	**17/04/2001**	**14/06/2002**	**50%**	**22.928**		**Motorola**	**com)**		**25/07/2003**				
1466	2531	IMS Framework Report (work stopped)		S1	No	IMS-FrWk	17/04/2001	14/06/2002	50%	22.941		SBC	.com)		25/07/2003				
1467	**1298**	**Access Security for IMS**	**Rel-5**	**S3**	**No**	**IMS-ASEC**	**08/10/2001**	**28/06/2002**	**100%**		**SP-010323**	**Ericsson**	**on.se**		**08/11/2002**	**TS33.203 will be presented**			
1468	43000	IMS impacts on UICC (ISIM application)		T3	No		08/10/2001	21/06/2002	100%		TP-010251	Vodafone	Norris		26/09/2002				
1469	11014	SIP extensions for Integrity protection		N1	No		17/12/2001	28/06/2002	100%						21/06/2002	Per 26/2-02: CN1 is not awar			
1470	2574	Security Aspects of Requirement for Network Configuration Indep	Rel-5	S3	No	SEC1-NCI	02/07/2001	28/12/2001	100%		SP-010324	AT&T Wireless	s.com		08/11/2002	Incorporated into IMS access			
1471	1299	Lawful interception	Rel-5	S3	No	IMS-LI	04/09/2000	29/03/2002	100%		SP-010621	Reg TP	ptp.de		08/11/2002	Rel-5 33.106 and 33.107 app			
1472	35007	Charging and OAM&P for IMS	Rel-5	S5	No	IMS-OAM	25/12/2000	12/06/2002	100%	32-series	SP-010461	stream, Motorola	COM		21/06/2002				
1473	**2036**	**Multimedia codecs and protocols for conversational PS serv**	**Rel-5**	**S4**	**No**	**IMS-CODEC**	**26/07/2000**	**27/09/2002**	**100%**	**26.235, 26**	**SP-000398**	**Toshiba, Nokia**	**.com**		**27/03/2003**				
1474	2039	Codecs		S4	No		26/07/2000	14/03/2002	100%	26.235, 26	SP-000398				25/03/2002				
1475	34020	Transport protocols	Rel-5	S4	No	IMS-CODEC	12/03/2002	12/03/2002	100%	26.236		Nokia	Ojala		25/03/2002				
1476	34006	recommendation for QoS parameter values for various med		S4	No		31/12/2001	27/09/2002	100%						13/01/2003				
1477	11025	IETF: RFC 3310 (HTTP Digest Authentication using AKA)		N1	No		24/11/2000	13/05/2002	100%						14/03/2003				
1478	11026	IETF: RFC 3329 (Security mechanism agreement for SIP co		N1	No		24/11/2000	13/05/2002	100%						14/03/2003				
1479	**32003**	**SIP message compression**	**Rel-5**	**S2**	**No**		**24/09/2001**	**07/06/2002**	**100%**						**25/03/2002**				
1480	32004	Stage 2		S2	No		24/09/2001	26/10/2001	100%						24/11/2001				
1481	11015	Compression signalling		N1	No		28/09/2001	07/06/2002	100%						14/03/2003				
1482	**10001**	**Stage 3 description of IMS interfaces**	**Rel-5**	**NP**	**No**		**14/03/2001**	**30/08/2002**	**99%**						**24/01/2002**				
1483	1286	Cx interface (HSS to CSCF)		N4	No		14/03/2001	07/06/2002	100%		NP-010626				30/05/2002	DAB 12/12/01 to 75%...			
1484	14997	Mp interface (MRFC - MRFP) enhancements		N4	No		14/03/2001	08/03/2002	100%						30/05/2002	[DAB 08-03-02] - No work rec			
1485	11016	Mw interface (CSCF to P-CSCF)		N1	No		14/03/2001	07/06/2002	100%						14/03/2003				
1486	11018	Mr interface (CSCF to MRF)		N1	No		14/03/2001	29/03/2002	100%						28/02/2002				
1487	14003	Dx interface (I-CSCF to SLF)		N4	No		14/03/2001	07/06/2002	100%						30/05/2002	CN4#11 30/11/01: No inputs			
1488	13001	Go interface (GGSN to PCF)		N3	No		14/03/2001	07/06/2002	100%						25/07/2003	[DAB - 23/05/03] - 100 % con			
1489	11019	ISC (IMS Service Control) Interface		N1	No		14/03/2001	07/06/2002	100%						30/05/2002				
1490	14006	Sh interface (HSS to AS)		N4	No		14/02/2002	07/06/2002	100%						30/05/2002	CN4#11 30/11/01: No inputs			
1491	14998	Si interface (HSS to IM-SSF)		N4	No		16/01/2002	30/08/2002	72%						30/05/2002	SA16: Part of Rel5 only if con			
1492	11020	Gm interface (UE to CSCF)		N1	No		14/03/2001	07/06/2002	100%						14/03/2003				
1493	11027	Mi interface (CSCF to BGCF)		N1	No		14/03/2001	07/06/2002	100%						14/03/2003				
1494	11028	Mj interface (BGCF to MGCF)		N1	No		14/03/2001	07/06/2002	100%						14/03/2003				
1495	11029	Mk interface (BGCF to BGCF)		N1	No		14/03/2001	07/06/2002	100%						14/03/2003				
1496	1310	Support of VHE/OSA by entities and protocols of the IMS (e.g. C	Rel-5	N5	No	IMS-ONOSA	21/09/2001	07/06/2002	100%	29.198, 29	NP-010692	Ericsson	on.se		21/06/2002				
1497	**12000**	**CAMEL control of IMS services**	**Rel-5**	**N2**	**No**	**IMS-CAMEL**	**16/04/2001**	**06/09/2002**	**91%**		**NP-020305**	**Lucent**	**quillo**		**21/06/2002**	**SA16: Part of Rel5 only if Si**			
1498	12001	Stage2 work 'general'		N2	No		16/04/2001	06/09/2002	100%						13/01/2003	DAB 12.12.01 split into cn4 a			
1499	12002	Stage3 work 'CAP'		N2	No		07/01/2002	06/09/2002	100%						13/01/2003	DAB 12.12.01 split into cn4 a			
1500	12003	Stage2 work 'Si interface'		N2	No		07/01/2002	06/09/2002	100%						13/01/2003	DAB 12.12.01 split into cn4 a			
1501	12004	Stage3 work 'Si interface'		N4	No		14/02/2002	07/06/2002	100%						30/05/2002	[DAB 08-03-02] - UID 12004 i			
1502	14004	SDM issues for CAMEL control of IMS		N4	No		14/02/2002	07/06/2002	0%						25/03/2002	[DAB 08-03-02] - No activity			
1503	31002	Pre-pay/real-time charging in IMS	TBD	S1	No		15/06/2001	15/03/2002	60%						28/02/2002				
1504	**35005**	**Charging**	**Rel-5**	**S5**	**No**	**OAM-CH**	**06/08/2001**	**12/09/2002**	**100%**	**32.2xy**	**SP-010631**	**T-Mobile**	**le.de**		**13/01/2003**	**Changed Rapp email**			
1505	32006	Charging Implications of IMS architecture		S2	No		06/08/2001	16/11/2001	100%		SP-010519				28/02/2002				
1506	35006	Charging management for IMS (off-line & on-line)	Rel-5	S5	No	OAM-CH	19/11/2001	12/09/2002	100%						08/11/2002				

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at	3, 200 e o Qt Ja
1507	**10002**	**Other IETF depencies**	**Rel-5**	**NP**	**No**		**24/11/2000**	**07/06/2002**	**70%**						**25/03/2002**	**Was introduced at SA#13 b**		
1508	11011	IETF: draft-ietf-aaa-diameter - should be CN4		NP	No		24/11/2000	07/06/2002	90%						10/10/2001			
1509	11999	IETF: draft-johansson-aaa-diameter-mm-app - should be CN		NP	No		24/11/2000	07/06/2002	50%						10/10/2001			
1510	1913	Start Testing	Rel-5	MLST	No		18/03/2002	18/03/2002	0%						08/10/2001			
1511	1844	Conformance Test Aspects - Provisioning of IMS		T1	No	IMS-TEST	18/03/2002	27/12/2002	0%						10/12/2001	The task is a building block, ir		
1512	41004	Testing of support for IMS - prose	Rel-5	T1	No		18/09/2002	30/09/2003	0%	34.108, 34	TP-030052	Anritsu	ı.com		14/03/2003			
1513	41005	Testing of support for IMS - TTCN	Rel-5	T1	No		18/09/2002	03/03/2004	0%	34.108, 34	TP-030052	Anritsu	ı.com		14/03/2003			
1514	**34001**	**Extended Transparent End-to-End PS Streamir**	**Rel-5**	**S4**	**No**	**PSS-E**	**03/01/2002**	**17/03/2003**	**86%**	**26.233, 26**	**SP-010392**	**Ericsson**	**on.se**	**Paolo**	**28/02/2002**			
1515	**34002**	**Stage 1**		**S1**	**No**		**18/11/2002**	**17/03/2003**	**65%**	**22.233**	**SP-010392**	**Vodafone**	**.com**		**25/03/2002**	**2nd resp SA4**		
1516	31032	Interaction with other services		S1	No		18/11/2002	17/03/2003	65%	22.233		Vodafone	ɜ.com		13/01/2003	2nd resp SA4		
1517	34003	Stage 2 (version Rel5 of TS 26.234)		S4	No		03/01/2002	14/03/2002	100%	26.234	SP-010392				25/03/2002	2nd resp SA2		
1518	34019	RTP usage model		S4	No		03/01/2002	06/12/2002	90%	26.937					13/01/2003			
1519	**501637**	**Rel-5 OSA enhancements**	**Rel-5**	**S1**	**No**	**OSA1**	**11/07/2000**	**20/12/2002**	**96%**	**22.127, 23**	**SP-000216**	**Siemens**	**etina**	**Adrian**	**25/07/2003**			
1520	32010	General Stage 2 for Rel5	Rel-5	S2	No		11/09/2001	07/06/2002	47%						30/05/2002			
1521	**1429**	**OSA APIs for Multimedia Call Control**	**Rel-5**	**S2**	**No**	**OSA1-CSCF**	**11/07/2000**	**07/06/2002**	**100%**						**24/01/2002**	**For Rel5 even if completed**		
1522	1430	Stage 1		S1	No		11/07/2000	14/03/2002	100%	22.127		Siemens	ɜns.at	/ichael	30/05/2002			
1523	15002	(Multimedia) Call Control - Stages 2 and 3		N5	No		11/09/2001	07/06/2002	100%	29.198-04					21/06/2002			
1524	15003	Generic user interaction - Stage 3	Rel-5	N5	No		11/09/2001	07/06/2002	100%	29.198-05					21/06/2002			
1525	15004	Charging - Stage 3	Rel-5	N5	No		11/09/2001	07/06/2002	100%	29.198-12					21/06/2002			
1526	15007	Call Control Service Mapping; Multiparty Call Control SIP - Stage	Rel-5	N5	No		11/09/2001	07/06/2002	100%	29.998-04-					21/06/2002			
1527	15999	WSDL APIs for SOAP/HTTP - Stage 3	Rel-5	N5	No		11/09/2000	07/06/2002	100%	29.198, 29					21/06/2002			
1528	**1419**	**OSA security**	**Rel-5**	**S3**	**No**	**OSA1-SEC**	**11/07/2000**	**20/12/2002**	**93%**		**SP-000302**	**BT**	**.com**		**08/11/2002**	**CR to correct security spec**		
1529	2121	Stage 1		S1	No		11/07/2000	09/11/2001	100%	22.127		Siemens	ɜns.at	/ichael	28/02/2002			
1530	1421	Stage 3		S3	No		23/10/2000	14/06/2002	80%	???					08/11/2002	??		
1531	1422	security related SCF(s) definition		N5	No		21/09/2001	07/06/2002	100%	29.198, 29	NP-010692	Ericsson	on.se		21/06/2002			
1532	1423	(possibly) changes required from supporting platforms, e.g.		S3	No		11/09/2000	14/12/2000	100%	???					08/11/2002			
1533	15017	Security (moved from Rel-6)		S3	No		14/03/2002	20/12/2002	100%						25/07/2003	Contribution at S3#25		
1534	**401424**	**Interactions OSA - e-commerce**	**Rel-5**	**S2**	**No**	**OSA1-ECOM**	**11/07/2000**	**07/06/2002**	**96%**						**21/06/2002**			
1535	1425	Stage 1		S1	No		11/07/2000	14/03/2002	95%	22.127		Siemens	/etina		28/02/2002			
1536	1529	Stages 2 and 3		N5	No		21/09/2001	07/06/2002	100%	29.198, 29	NP-010692	Ericsson	on.se		21/06/2002			
1537	15005	Policy Management - Stage 3	Rel-5	N5	No		11/09/2001	07/06/2002	100%	29.198-13					26/09/2002			
1538	15006	Presence and Availability Management (PAM) - Stage 3	Rel-5	N5	No		11/09/2001	07/06/2002	100%	29.198-14					26/09/2002			
1539	**1786**	**CHECK STATUS - LCS - OSA interfaces**	**Rel-5**	**S1**	**No**	**OSA1-LCSI**	**11/09/2000**	**07/06/2002**	**99%**			**Siemens**	**etina**		**08/10/2001**	**az: CN#13 - changed to Rel**		
1540	1787	Stage 1		S1	No		11/09/2000	08/12/2000	100%	22.127		Siemens	/etina		30/05/2002			
1541	2124	Stage 2		S2	No		11/12/2000	11/12/2000	100%	23.127		Ericsson	ƧAUD		06/06/2001	az 24/05/01: Rel4 completion		
1542	1788	Stage 3		N5	No		21/09/2001	07/06/2002	100%	29.198, 29	NP-010692	Ericsson	on.se		21/06/2002			
1543	2540	Access to User Profile	Rel-5	S1	No	OSA2-UP	01/06/2001	20/12/2001	100%						25/07/2003			
1544	**1433**	**Retrieval of Terminal capabilities**	**Rel-5**	**S2**	**No**	**OSA2-TC**	**11/07/2000**	**13/12/2002**	**100%**						**25/07/2003**			
1545	1434	Stage 1	Rel-5	S1	No		11/07/2000	10/01/2001	100%	22.127		Siemens	/etina		25/07/2003			
1546	1436	Stages 2 and 3	Rel-5	N5	No		21/09/2001	13/12/2002	100%	29.198, 29	NP-010692	Ericsson	on.se		25/07/2003			
1547	2122	Provisionning of the terminal capabilities	Rel-5	T2	No		02/04/2001	13/12/2002	100%	23.057					25/07/2003	According to T2 SWG1 M. Ca		
1548	**1638**	**CAMEL phase 4**	**Rel-5**	**S1**	**No**	**CAMEL4**	**17/04/2000**	**06/09/2002**	**99%**		**NP-020486**	**Nokia**	**.com**	**ɨrijana**	**28/02/2002**			
1549	1461	Service requirements		S1	No		17/04/2000	14/06/2002	100%						28/02/2002			

ID	Unique_ID	Name	Release	Resource Names	Modified	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI rapporteur e-mail	MCC resp	last modif	Notes	Handonnat
1550	2012	Call Party Handling		N2	No	CAMEL4-CPH	10/07/2000	07/06/2002	100%						30/05/2002		
1551	2013	Mid call procedure for MO and MT calls		N2	No	CAMEL4-MCP	17/07/2000	07/06/2002	100%						30/05/2002		
1552	2014	Interactions with Optimal Routing		N2	No	CAMEL4-IOR	17/07/2000	08/03/2002	100%						28/02/2002		
1553	2015	Inclusion of flexible tone injection		N2	No	CAMEL4-IFTI	17/07/2000	08/03/2002	100%						28/02/2002		
1554	2016	CSE control over MT SMS		N2	No	CAMEL4-CCS	17/07/2000	08/03/2002	100%						28/02/2002		
1555	2460	Notification of GPRS mobility management to CSE		N2	No	CAMEL4-NMM	02/03/2001	07/06/2002	100%						30/05/2002		
1556	2458	Provision of location information of called subscriber		N2	No	CAMEL4-LOC	02/03/2001	08/03/2002	100%						28/02/2002		
1557	2514	Inclusion of ODB data in the CSE_HLR interface		N2	No	CAMEL4-ODB	09/07/2001	08/03/2002	100%						28/02/2002	Added on May 29, 2001	
1558	2515	Location information during an ongoing call (Handover DP)		N2	No	CAMEL4-HOD	14/05/2001	07/06/2002	100%						30/05/2002		
1559	2516	GPRS Any Time Interrogation		N2	No	CAMEL4-ATI	09/07/2001	07/06/2002	100%						30/05/2002		
1560	2599	Transfer of IMEI (with SW version) to CSE		N2	No	CAMEL4-ATI	09/07/2001	07/06/2002	100%						30/05/2002		
1561	12005	Handling of partial implementations of CAMEL4		N2	No	CAMEL4-SUB	08/03/2002	06/09/2002	100%						26/09/2002	stage2 and stage3 CRs for ap	
1562	**2464**	**Rel-5 MExE enhancements**	**Rel-5**	**T2**	**No**	**MEXE5**	**26/03/2001**	**08/03/2002**	**100%**					**dhelm**	**13/03/2001**		
1563	2466	MExE Rel-5 Improvements and Investigations		T2	No	MEXE5-ENHA	26/03/2001	08/03/2002	100%	22.057, 23	TP-010071	Motorola	.com)		21/03/2002		
1564	**1625**	**Wideband Telephony Service - AMR**	**Rel-5**	**S4**	**No**	**AMRWB**	**01/01/2000**	**19/12/2003**	**83%**		**SP-99354**	**Siemens**	**ns.de**	**Paolo**	**27/03/2003**		
1565	**62**	**Specification**	**Rel-5**	**S4**	**No**		**01/01/2000**	**12/09/2002**	**99%**						**27/03/2003**		
1566	31005	Stage 1	Rel-5	S1	No		01/10/2001	22/03/2002	100%						01/03/2002		
1567	**32007**	**Stage 2**	**Rel-5**	**S4**	**No**		**03/01/2000**	**17/04/2000**	**100%**						**28/02/2002**		
1568	1459	Design Constraints	Rel-5	S4	No		03/01/2000	07/02/2000	100%						28/02/2002		
1569	1460	General Description	Rel-5	S4	No		07/02/2000	17/04/2000	100%						28/02/2002		
1570	1626	Feasibility Study	Rel-5	S4	No		28/04/2000	02/06/2000	100%	26.901	SP-000024				28/02/2002	S4,TD SP-000024: TR 26.90	
1571	1656	N1 Aspects	Rel-5	N1	No		21/09/2001	21/12/2001	100%						26/09/2002	Some of N1 tasks: Indication	
1572	14005	N4 work	Rel-5	N4	No		13/02/2002	07/06/2002	100%		N4-010538				30/05/2002	CN4#11 30/11/01: No inputs	
1573	**67**	**Codec issues**	**Rel-5**	**S4**	**No**		**03/01/2000**	**12/09/2002**	**99%**						**28/02/2002**		
1574	1627	Codec qualification	Rel-5	S4	No		01/02/2000	30/05/2000	100%						28/02/2002		
1575	74	Codec selection tests	Rel-5	S4	No		01/06/2000	20/10/2000	100%						28/02/2002		
1576	891	Codec selection	Rel-5	S4	No		23/10/2000	27/10/2000	100%						28/02/2002		
1577	34007	TFO AMR-WB	Rel-5	S4	No	AMRWB-TFO	18/12/2001	14/03/2002	100%						26/09/2002		
1578	890	Other codec issues (verif., caracterisation)	Rel-5	S4	No		29/09/2000	07/06/2002	100%	26.976					13/01/2003	ANSI C-Code , Test Sequenc	
1579	34008	AMR-WB and narrrowband interworking	Rel-5	S4	No	AMRWB-IWG	27/09/2001	14/03/2002	100%						28/02/2002		
1580	34009	Interworking with fixed broadband networks	Rel-5	S4	No		27/09/2001	14/03/2002	100%						28/02/2002		
1581	34010	Tones and announcements	Rel-5	S4	No		27/09/2001	14/03/2002	100%						28/02/2002		
1582	34011	WB Conferencing and WB Voice Group calls (deleted)	Rel-5	S1	No		03/01/2000	03/01/2000	0%						25/07/2003		
1583	34012	Billing, accounting and call detail record aspects	Rel-5	S5	No		27/09/2001	12/09/2002	100%	32.2xy	SP-010631	T-Mobile	E.DE		08/11/2002		
1584	1989	Start Testing	Rel-5	MLST	No		25/02/2002	25/02/2002	0%						01/04/2000		
1585	**1855**	**Conformance tests (CRs to 34 series)**	**Rel-5**	**T1**	**No**		**01/01/2000**	**12/04/2000**	**100%**						**13/01/2003**		
1586	**76**	**Terminal Acoustic Characteristics**	**Rel-5**	**S4**	**No**		**01/01/2000**	**12/04/2000**	**100%**						**01/04/2000**		
1587	1628	Definition	Rel-5	S4	No		01/01/2000	31/01/2000	100%	26.131					28/02/2002		
1588	1629	Test specification	Rel-5	S4	No		01/02/2000	12/04/2000	100%	26.132					20/03/2001		
1589	34004	Floating-point ANSI-C code for the AMR-WB speech codec	Rel-5	S4	No	AMRWB-FP	25/09/2001	14/03/2002	100%	26.204	SP-010459	Nokia	a.com		28/02/2002		
1590	**80**	**Support of AMR-WB in GERAN: GMSK and 8PSK WB FR / HI**	**Rel-5**	**GP**	**No**	**GAMRWB**	**03/01/2000**	**28/06/2002**	**100%**		**GP-000453**			**Paolo**	**31/07/2002**		
1591	50298	Channel coding in 45.003	Rel-5	GP	No		03/01/2000	05/04/2002	100%						06/05/2008	50098 -> 50298	
1592	2266	Signalling for the A interface	Rel-5	GP	No		03/01/2000	29/06/2001	100%						12/09/2001		

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
1593	2267	Signalling for Iu	Rel-5	GP	No		03/01/2000	28/06/2002	100%						31/07/2002		
1594	2268	Receiver performance in TS 45.005	Rel-5	GP	No		02/04/2001	28/06/2002	100%						31/07/2002		
1595	50000	Link Adaptation in 45.009	Rel-5	GP	No		26/03/2001	28/06/2002	100%						31/07/2002		
1596	**2269**	**GERAN MS conformance test for AMR-WB**	**Rel-5**	**GP**	**No**		**03/01/2000**	**19/12/2003**	**0%**		**GP-000454**			**Paolo**	**13/02/2003**	**Not started**	
1597	2270	MS test	Rel-5	GP	No		03/01/2000	19/12/2003	0%						13/02/2003		
1598	**2271**	**GERAN BTS conformance test for AMR-WB**	**Rel-5**	**GP**	**No**		**03/01/2000**	**02/12/2002**	**100%**		**GP-000455**			**Paolo**	**13/02/2003**		
1599	2272	BTS test	Rel-5	GP	No		03/01/2000	02/12/2002	100%						13/02/2003		
1600	**1826**	**Terminal interfaces**	**Rel-5**	**T2**	**No**	**TI**	**14/05/2001**	**20/03/2002**	**100%**		**not needed**			**dhelm**	**13/03/2001**		
1601	2573	Terminal local model enhancements	Rel-5	T2	No	TLM5	14/05/2001	20/03/2002	100%	23.227	TP-010224				27/03/2003		
1602	**1536**	**Rel-5 Location Services enhancements**	**Rel-5**	**S2**	**No**	**LCS1**	**03/04/2000**	**27/06/2003**	**81%**		**SP-010518**	**Nokia**	**ı Kall**	**Alain**	**01/04/2000**		
1603	**1600**	**UE positioning**	**NA**	**RP**	**No**	**LCS1-UEpos**	**15/01/2001**	**29/03/2002**	**100%**		**RAN_Wis**				**20/03/2001**		
1604	2474	UE positioning enhancements for 1.28 Mcps TDD	Rel-5	R2	No	LCS-128Pos	09/04/2001	29/03/2002	100%		RAN_Wis	CATT	a Mei		28/02/2002		
1605	2125	Open SMLC-SRNC Interface within the UTRAN to support A	Rel-5	R2	No	LCS-INTF	15/01/2001	12/10/2001	100%		RAN_Wis	Qualcomm	ɔughs		24/01/2002	Finished at RP#13	
1606	**1171**	**Event based and Periodic LCS**	**Rel-5**	**S1**	**No**	**LCS1-EBP**	**22/05/2000**	**07/06/2002**	**88%**						**25/07/2003**		
1607	1641	Stage 1		S1	No		22/05/2000	17/11/2000	100%	22.071		fic Bell Wireless	.com)		01/04/2000	Evaluate Event based and Pe	
1608	1538	Stage 2 specification		S2	No		06/11/2000	26/01/2001	51%						17/11/2000		
1609	1179	Impact on MAP		N4	No		15/03/2002	07/06/2002	100%						30/05/2002	Possible impact on UTRAN o	
1610	**2436**	**Location Services for GERAN in A/Gb Mode**	**Rel-5**	**GP**	**No**	**LCS-GERAN**	**03/04/2000**	**08/02/2002**	**100%**		**GP-011925**			**Paolo**	**12/09/2001**		
1611	2437	GERAN LCS Stage 2 (first release)		S2;G1;G2	No		03/04/2000	08/02/2002	100%						28/02/2002		
1612	2438	Gb interface support for LCS		GP	No		03/04/2000	31/08/2001	100%						12/09/2001		
1613	2440	L3 protocol support for LCS		GP	No		03/04/2000	01/06/2001	100%						12/09/2001		
1614	2441	Stage 3 specifications		GP	No		03/04/2000	01/06/2001	100%						12/09/2001		
1615	**2442**	**Location Services for GERAN in Iu Mode**	**Rel-5**	**GP**	**No**		**03/04/2000**	**28/06/2002**	**100%**		**GP-011926**			**Paolo**	**31/07/2002**		
1616	2443	GERAN LCS Stage 2		S2;G1;G2	No		03/04/2000	28/06/2002	100%						31/07/2002		
1617	2444	Iu-ps interface support for LCS		S2;G1;G2	No		03/04/2000	28/06/2002	100%						31/07/2002		
1618	2445	Iu-cs interface support for LCS		S2;G1;G2	No		03/04/2000	28/06/2002	100%						31/07/2002		
1619	2446	Iur-g interface support for LCS		S2;G1;G2	No		23/01/2002	19/04/2002	100%						31/07/2002	FFS	
1620	2447	RRC protocol support for LCS		S2;G1;G2	No		20/08/2001	30/11/2001	100%						31/07/2002		
1621	2448	Additional impacts on Broadcast of LCS data on packet cha		S2;G1;G2	No		20/08/2001	05/12/2001	100%						31/07/2002		
1622	2449	Stage 3 specifications		S2;G1;G2	No		25/03/2002	28/06/2002	100%						31/07/2002		
1623	**50068**	**GERAN MS Conformance test for LCS**		**GP**	**No**	**LCS-GERAN-I**	**03/06/2002**	**27/06/2003**	**60%**		**GP-000458**				**13/02/2003**	**On-going**	
1624	55069	Develop LCS MS test case work plan (Release 98/99/4)		G4;G5	No		03/06/2002	27/06/2003	60%						13/02/2003		
1625	55070	Develop LCS MS test cases		G4;G5	No		03/06/2002	27/06/2003	60%						13/02/2003		
1626	**50069**	**GERAN BTS Conformance test for LCS**		**GP**	**No**	**LCS-GERAN-I**	**03/06/2002**	**27/06/2003**	**0%**		**GP-000459**				**13/02/2003**	**Not started**	
1627	55071	Develop LCS BTS test case work plan (Release 98/99/4)		G4;G5	No		03/06/2002	27/06/2003	0%						13/02/2003		
1628	55072	Develop LCS BTS test cases		G4;G5	No		03/06/2002	27/06/2003	0%						13/02/2003		
1629	544	LCS interoperation stage 2 aspects		S2	No		28/08/2000	28/06/2002	17%						17/11/2000		
1630	**2434**	**LCS interoperability aspects to GERAN**	**Rel-5**	**GP**	**No**	**LCS-GERAN**	**28/08/2000**	**28/06/2002**	**100%**		**GP-000456**			**Paolo**	**31/07/2002**		
1631	2435	Co-ordinated development of GSM LCS Phase 2 and UMTS		R3;G2;G1	No	LCS-GERAN	28/08/2000	28/06/2002	100%						31/07/2002		
1632	1183	FS on LCS support in the IMS		S1	No		12/02/2001	18/01/2002	75%						25/07/2003		
1633	35008	Charging and OAM&P for LCS enhancements	Rel-5	S5	No	LCS1-OAM	21/09/2001	28/06/2002	100%	32-series	SP-010461	;tream, Motorola	COM		21/06/2002		
1634	521	New security aspects of LCS (not identified)	Rel-5	S3	No	LCS1-SEC	14/04/2000	28/12/2001	100%		SP-000421	Nokia	ı.com		08/11/2002	14/09/00: End date 28/12/01	
1635	32011	Specification for the Le Interface	Rel-5	S2	No	LCS1-Le	14/01/2002	15/03/2002	100%		SP-020180				24/01/2002		

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at	3, 200 e	Qt o Ja
1636	32022	CHECK STATUS - Inter-GMLC interface		S2	No		30/05/2002	30/12/2002	0%						30/05/2002				
1637	**501571**	**Rel-5 Security enhancements**	**Rel-5**	**S3**	**No**	**SEC1**	**21/02/2000**	**28/06/2002**	**99%**		**SP-000421**	**Vodafone**	**.com**	**aurice**	**27/03/2003**	**Added BB UE authenticatio**			
1638	**1576**	**Network domain security**	**Rel-5**	**S3**	**No**	**SEC1-NDS**	**21/02/2000**	**28/06/2002**	**99%**		**SP-000420**	**Telenor**	**.com**		**15/01/2003**	**S3#17: All due in Rel5. (WI I**			
1639	**1577**	**Control plane protection in core network (e.g., GTP, CA**		**S3**	**No**		**12/05/2000**	**07/06/2002**	**99%**						**08/11/2002**				
1640	1578	Main aspects		S3	No		12/05/2000	21/06/2001	100%						08/11/2002	TO BE DELETED			
1641	1579	Integration of GTP signalling security architecture		N4	No		14/09/2001	07/06/2002	100%						30/05/2002	Waiting for input from SA3!...			
1642	**1580**	**User plane protection in core network (e.g., provided by**		**S3**	**No**		**21/02/2000**	**28/06/2002**	**98%**						**08/11/2002**	**TO BE DELETED**			
1643	1581	Main aspects		S3	No		21/02/2000	21/06/2001	100%						08/11/2002	??			
1644	1582	Integration of GTP signalling security architecture		N4	No		14/09/2001	28/06/2002	95%						28/02/2002	14/02/2002 requirements are			
1645	2576	IP network layer security (NDS/IP)		S3	No	SEC1-NDS-IP	15/06/2000	15/03/2002	100%	33.210	SP-010326	Telenor	r.com		15/01/2003	TS 33.210 will be presented f			
1646	**2243**	**Intra Domain Connection of RAN Nodes to Mul**	**Rel-5**	**S2**	**No**	**IUFLEX**	**02/10/2000**	**28/06/2002**	**100%**	**23.236**	**SP-000619**	**Ericsson**	**'errill**	**Alain**	**24/01/2002**	**No clear indication on the e**			
1647	2244	Overall System Architecture		S2	No		03/01/2001	21/09/2001	100%						19/09/2001				
1648	20000	Stage 3: RAN node selecting CN node		R3	No		24/09/2001	22/03/2002	100%			Vodafone	lliams		01/03/2002	Not identified			
1649	2248	N1 work		N1	No		17/09/2001	28/06/2002	100%	24.008 anc	NP-010693				26/09/2002				
1650	2249	N4 work		N4	No		02/10/2000	08/03/2002	100%		NP-000737				25/03/2002	DAB 12.12.01 - % complete t			
1651	**50067**	**GERAN work for Intra Domain Connection of RAN Nodes to**	**Rel-5**	**GP**	**No**	**IDCRAN-GER**	**08/02/2002**	**28/06/2002**	**100%**		**GP-020492**	**Ericsson**	**on.se**		**26/09/2002**	**Accept changes Gb over IP**			
1652	51068	Stage 2 (changes to)		G1	No		08/02/2002	28/06/2002	100%						31/07/2002				
1653	51069	43.051 Introduction of support for IDNNS in GERAN Iu mod		G1	No		08/02/2002	28/06/2002	100%						31/07/2002				
1654	52070	Stage 3 (changes to)		G2	No		08/02/2002	28/06/2002	100%						31/07/2002				
1655	52077	48.016 Use of Gb interface concepts when a network applie		G2	No		08/02/2002	28/06/2002	100%						31/07/2002	Closed, accept changes for (			
1656	52078	48.018 Include MSC/VLR identity in CS IMSI paging		G2	No		08/02/2002	28/06/2002	100%						31/07/2002				
1657	**2320**	**GERAN improvements 3 (new transport layer o**	**Rel-5**	**GP**	**No**	**GEIMP3**	**06/04/2001**	**20/12/2002**	**0%**		**GP-010909**			**Paolo**	**13/01/2003**	**TERMINATED - NOT STAND**			
1658	**2321**	**Evolution of the transport for A**		**GP**	**No**	**GEIMP3-EtA**	**06/04/2001**	**20/12/2002**	**0%**		**GP-010910**			**Paolo**	**13/01/2003**	**TERMINATED - NOT STAND**			
1659	2322	Definition of a new A/Ater interface Transport Layer option b		GP	No		06/04/2001	20/12/2002	0%						13/01/2003	TERMINATED - NOT STAND			
1660	2323	Adaptation of the Layer 3 BSSMAP procedures as required		GP	No		06/04/2001	20/12/2002	0%						13/01/2003	TERMINATED - NOT STAND			
1661	**501142**	**Rel-5 Charging and OAM&P**	**Rel-5**	**S5**	**No**	**OAM**	**10/09/2001**	**12/09/2002**	**100%**	**32-series**	**SP-010461**	**ream, Motorola**	**COM**	**Adrian**	**21/06/2002**				
1662	35002	Rel5 Principles, high level Requirements and Architecture	Rel-5	S5	No	OAM-AR/PR	17/09/2001	28/06/2002	100%	32.101, 32	SP-010461	Motorola	COM		21/06/2002				
1663	35003	Rel5 Performance Management	Rel-5	S5	No	OAM-PM	17/09/2001	12/09/2002	100%	32.4xy, 52	SP-010631	Nortel	COM		08/11/2002				
1664	35004	Rel5 Charging Management	Rel-5	S5	No	OAM-CH	10/09/2001	12/09/2002	100%	32.2xy	SP-010631	T-Mobile	E.DE		08/11/2002				
1665	35001	Rel5 Network Infrastructure Management	Rel-5	S5	No	OAM-NIM	21/09/2001	12/09/2002	100%	32.6xy, 32	SP-010461	Ericsson	on.se		08/11/2002				
1666	**2392**	**GERAN enhancements for streaming services**	**Rel-5**	**GP**	**No**		**06/11/2000**	**28/06/2002**	**100%**		**GP--010429**			**Paolo**	**31/07/2002**				
1667	2394	Concept		GP	No		06/11/2000	31/10/2001	100%						31/07/2002				
1668	2395	RLC protocol enhancement (SDU Discard)		GP	No		06/11/2000	28/06/2002	100%						31/07/2002				
1669	**2396**	**GERAN enhancements for streaming services**	**Rel-5**	**GP**	**No**		**06/11/2000**	**28/06/2002**	**100%**		**GP-010430**	**Ericsson**	**luller**	**Paolo**	**31/07/2002**	**AWS, Nokia, Ericsson, Nort**			
1670	2398	Usage of ECSD Concept		GP	No		06/11/2000	19/04/2002	100%						31/07/2002				
1671	2399	Stage 2		GP	No		06/11/2000	19/04/2002	100%						31/07/2002				
1672	2400	Stage 3		GP	No		06/11/2000	28/06/2002	100%						31/07/2002				
1673	2401	RLC PDU formats		GP	No		06/11/2000	28/06/2002	100%						31/07/2002				
1674	2402	MAC header		GP	No		06/11/2000	28/06/2002	100%						31/07/2002				
1675	**2412**	**GERAN/UTRAN interface evolution 1 (evolutior**	**Rel-5**	**GP;R3**	**No**	**GERUEV1**	**01/09/2000**	**28/06/2002**	**100%**		**GP-010481**	**SBC**	**Grant**	**Paolo**	**31/07/2002**	**SBC, Motorola, Nokia, Erics**			
1676	**2413**	**Evolution of Iu ps**		**GP;R3**	**No**	**GERUEV1-IuP**	**01/09/2000**	**28/06/2002**	**100%**						**31/07/2002**				
1677	2414	Identification of GERAN requirements on Iu ps		GP;R3	No		01/09/2000	30/11/2001	100%						21/05/2002				
1678	2415	Update of specifications		GP;R3	No		03/12/2001	28/06/2002	100%						31/07/2002				

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at	3, 200 e	Qt o Ja
1679	**2416**	**GERAN/UTRAN interface evolution 2 (evolutior**	**Rel-5**	**GP;R3**	**No**	**GERUEV2**	**01/09/2000**	**28/06/2002**	**100%**		**GP-010417**			**Paolo**	**31/07/2002**				
1680	**2417**	**Evolution of Iu cs**		**GP;R3**	**No**	**GERUEV2-IuC**	**01/09/2000**	**28/06/2002**	**100%**		**GP-000430**	**Lucent**	**ıdran**	**Paolo**	**31/07/2002**	**Lucent, Ericsson, AWS, Nor**			
1681	2418	Identification of GERAN requirements on Iu cs		GP;R3	No		01/09/2000	19/04/2002	100%						31/07/2002				
1682	2419	Update of specifications		GP;R3	No		01/09/2000	28/06/2002	100%						31/07/2002				
1683	**2556**	**End to End QoS for PS Domain including IMS**	**Rel-5**	**S2**	**No**	**E2EQoS**	**28/08/2000**	**28/06/2002**	**97%**		**SP-010343**	**Ericsson**	**ɔn.se**	**Alain**	**25/07/2003**				
1684	2557	E2E QoSConcept and Architecture		S2	No		03/01/2001	07/09/2001	100%	23.207					24/11/2001				
1685	2558	E2E QoS interworking		N3	No	E2EQoS-IW	28/08/2000	07/06/2002	95%	29.208, 29	NP-010528	Lucent	.com)		26/09/2002	[DAB - 30/07/02] - % complet			
1686	2559	QoS Management (Provisioning and Monitoring)	Rel-5	S5	No	E2EQoS-OAM	21/09/2001	28/06/2002	100%	32-series	SP-010461	ıtream, Motorola	COM		08/11/2002				
1687	**2569**	**Messaging enhancements Rel-5**	**Rel-5**	**T2**	**No**	**MESS5**	**15/06/2001**	**31/03/2003**	**93%**					**dhelm**	**13/03/2001**	**support of UAProf, so this i**			
1688	**2571**	**Multimedia Messaging (MMS) enhancements**		**T2**	**No**	**MESS5-MMS**	**15/06/2001**	**31/03/2003**	**91%**		**TP-010130**	**Siemens**	**S.DE**		**27/03/2003**				
1689	31000	Definition of service requirements	Rel-5	S1	No	MESS5-SR	15/06/2001	15/03/2002	100%	22.140		Siemens	S.DE		25/07/2003				
1690	42000	Technical realization		T2	No		15/06/2001	07/06/2002	100%	23.140		Siemens	S.DE		27/03/2003	stage 3 MM7 is missing			
1691	42008	WAP Forum dependency: MM1 stage 3		T2	No		15/06/2001	31/03/2003	80%						27/03/2003				
1692	34018	MMS formats and codecs		S4	No		03/12/2001	15/03/2002	100%	26.140					28/02/2002				
1693	**2572**	**Enhanced Messaging Service (EMS) enhancements**		**T2**	**No**	**MESS5-EMS**	**15/06/2001**	**08/03/2002**	**99%**	**23.040**	**TP-010153**	**Ericsson**	**N.SE**		**27/03/2003**				
1694	31001	Definition of service requirements		S1	No		15/06/2001	14/09/2001	100%			Ericsson	N.SE		28/02/2002				
1695	42001	Technical realization		T2	No		15/06/2001	08/03/2002	100%	23.040		Ericsson	N.SE		28/02/2002				
1696	**50001**	**GERAN Inter BSC NACC improvements over th**	**Rel-5**	**GP**	**No**	**GERNACC**	**03/09/2001**	**28/06/2002**	**100%**		**GP-012313**			**Paolo**	**31/07/2002**				
1697	**14501**	**Modification of core network protocols for GERAN Inter BSC**		**N4;S2**	**No**	**GERNACC-Cr**	**03/09/2001**	**19/04/2002**	**100%**		**GP-011877**				**31/07/2002**				
1698	32502	Stage 2 - Concept		N4;S2	No		03/09/2001	31/10/2001	100%						31/07/2002				
1699	14502	Stage 2 - 23.060 change - Definition of Inter BSC NACC		N4;S2	No		03/09/2001	19/04/2002	100%						31/07/2002				
1700	14503	Stage 3 (changes to TS 29.060)		N4	No		03/09/2001	08/03/2002	100%						31/07/2002	IP 30/11/01: Input awaited fro			
1701	**50002**	**Modification of Gb protocols for GERAN Inter BSC NACC ov**		**GP**	**No**	**GERNACC-Gb**	**30/11/2001**	**28/06/2002**	**100%**		**GP-012314**				**31/07/2002**				
1702	50003	Stage 3 (changes to TS 48.018)		GP	No		30/11/2001	28/06/2002	100%						31/07/2002				
1703	**50033**	**Enhanced Power Control**	**Rel-5**	**GP**	**No**	**EPC**	**26/11/2001**	**19/12/2003**	**0%**		**GP-012748**				**13/02/2003**				
1704	50034	Realization of Enhanced power control and signaling support		GP	No		26/11/2001	30/11/2001	100%		GP-012749				13/02/2003	Ready			
1705	50035	GERAN MS Conformance test for Enhanced Power Control		GP	No		10/12/2001	19/12/2003	0%		GP-012750				13/02/2003	Not started			
1706	50036	GERAN BTS Conformance test for Enhanced Power Control		GP	No		10/12/2001	19/12/2003	0%		GP-012751				13/02/2003	Not started			
1707	**50037**	**8PSK AMR HR**	**Rel-5**	**GP**	**No**	**8PSK-AH**	**10/12/2001**	**19/12/2003**	**73%**		**GP-012752**			**Paolo**	**13/01/2003**	**Completed for Rel-5**			
1708	**50038**	**Definition of channel coding, performance requirements anc**		**GP**	**No**		**10/12/2001**	**28/06/2002**	**100%**		**GP-012753**				**31/07/2002**				
1709	50061	Concept		GP	No		10/12/2001	28/06/2002	100%						31/07/2002				
1710	52004	Changes to 44.018		G2	No		10/12/2001	28/06/2002	100%						31/07/2002				
1711	51025	Changes to 45.001		G1	No		10/12/2001	28/06/2002	100%						31/07/2002				
1712	51026	Changes to 45.002		G1	No		10/12/2001	28/06/2002	100%						31/07/2002				
1713	51027	Changes to 45.003		G1	No		10/12/2001	28/06/2002	100%						31/07/2002				
1714	51028	Changes to 45.005		G1	No		10/12/2001	28/06/2002	100%						31/07/2002				
1715	52005	Changes to 24.008		G2	No		10/12/2001	28/06/2002	100%						31/07/2002				
1716	52006	Changes to 48.058		G2	No		10/12/2001	28/06/2002	100%						31/07/2002				
1717	50039	GERAN MS Conformance test for 8PSK HR		GP	No		10/12/2001	19/12/2003	0%		GP-012754				13/02/2003				
1718	50040	GERAN BTS Conformance test for 8PSK HR		GP	No		10/12/2001	20/12/2002	100%		GP-012755				13/01/2003				
1719	13000	**Service Change and UDI Fallback**	Rel-5	N3	No	SCUDIF	08/10/2001	07/06/2002	100%	29.007, 27	NP-020164	Ericsson	ɔn.no	David	25/07/2003	[DAB - 23/05/03] - 100 % con			
1720	**501800**	**Rel-5 USIM toolkit enhancements**	**Rel-5**	**T3**	**No**	**USAT1**	**05/06/2000**	**26/09/2003**	**51%**		**not needed**			**Claus**	**13/01/2003**				
1721	43002	Test specification for USIM toolkit security mechanims	Rel-5	T3	No		28/05/2002	26/09/2003	0%		TP-020028	Gemplus	/iallet		13/01/2003				

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	handonn at
1722	**1801**	**Protocol Standardisation of a SIM Toolkit Interpreter**	**Rel-5**	**T3**	**No**	**USAT1-Interp**	**05/06/2000**	**22/01/2003**	**64%**	**27.103**	**TP-000116**	**G & D**	**leyer**		**28/05/2001**	**28/5/2001: T3-19 proposed**	
1723	2497	Stage 1		T3	No		05/06/2000	16/03/2001	100%						05/10/2001	5/10/2001: Stage one comep	
1724	2496	Stage 2 and 3		T3	No		03/01/2001	08/03/2002	100%						04/06/2002	5/10/2001: TS 31.112 and 31	
1725	2518	Test specification		T3	No		03/09/2001	22/01/2003	12%		TP-010111	Gemplus	NIER		04/06/2002	5/10/2001: Work started on te	
1726	**501802**	**(U)SIM API**	**NA**	**T3**	**No**	**USAT1-API**	**20/03/2002**	**20/09/2002**	**100%**						**26/09/2002**	**8/3/2001: test spec is based**	
1727	5043001	Java API Test specification		T3	No		20/03/2002	20/09/2002	100%		TP-020029	rónica Española	'érez		26/09/2002		
1728	**30001**	**small Technical Enhancements and Improveme**	**Rel-5**	**All**	**No**	**TEI5**	**03/01/2000**	**31/12/2008**	**100%**						**01/04/2000**	**"Joker" WI, to be used for a**	
1729	25018	Small Technical Enhancements and Improvements for Rel-5 Con	Rel-5	R5	Yes	TEI5_Test	03/01/2000	31/12/2008	100%	34.108, 34	Work_Items			n Baev	06/05/2008	"Joker" WI, to be used for sm	
1730	31013	**Technical Report on UE Functionality Split (Wc**	Rel-5	S1	No	UESPLIT	03/01/2000	01/05/2000	0%		SP-010484	Motorola	a.com	Michael	25/07/2003		
1731	**2520**	**User Equipment Management**	**Rel-5**	**S5**	**No**	**UEM**	**21/06/2001**	**28/06/2002**	**99%**		**SP-010286**	**Vodafone**	**co.uk**	**Adrian**	**21/06/2002**		
1732	35000	FS on User Equipment (UE) Management	Rel-5	S5	No	OAM-UEM	21/06/2001	28/06/2002	100%	32.802	SP-010286	Vodafone	O.UK	Adrian	21/06/2002		
1733	**50201**	**Flow control supporting an MS with multiple d**	**Rel-5**	**GP**	**No**	**FlowCon**	**24/06/2002**	**30/08/2002**	**100%**		**GP-021767**	**Ericsson**	**on.se**		**06/05/2008**	**50101 -> 50201**	
1734	**50202**	**Update of stage 2 specifications**		**GP**	**No**		**24/06/2002**	**30/08/2002**	**100%**						**06/05/2008**	**50102 -> 50202**	
1735	32097	Concept document 23.060 (changes to)		S2	No		28/06/2002	30/08/2002	100%						26/09/2002		
1736	50203	Flow Control		GP	No		24/06/2002	28/06/2002	100%						06/05/2008	50103 -> 50203	
1737	**50104**	**Modification of BSSGP protocol**		**GP**	**No**		**24/06/2002**	**28/06/2002**	**100%**		**GP-021508**	**Ericsson**	**on.se**		**26/09/2002**		
1738	52095	Stage 3 (changes to 48.018)		G2	No		24/06/2002	28/06/2002	100%						26/09/2002		
1739	**50058**	**Multiple TBF in A/Gb mode**	**Rel-5**	**GP**	**No**	**MULTBF**	**19/04/2002**	**28/11/2003**	**17%**		**GP-021263**	**Ericsson**	**on.se**		**13/02/2003**		
1740	**50059**	**Multiple TBF in A/Gb mode**		**GP**	**No**	**MULTBF-Agb**	**19/04/2002**	**22/08/2003**	**26%**		**GP-021263**				**13/02/2003**	**Started**	
1741	50060	Multiple TBF Concept paper		GP	No		19/04/2002	22/08/2003	50%						13/02/2003		
1742	51001	Multiple TBF Stage 2 (43.064) CRs		G1	No		19/04/2002	22/11/2002	0%						26/09/2002		
1743	50062	Multiple TBF Stage 3 (44.060) CRs		G2	No		19/04/2002	22/11/2002	0%						26/09/2002		
1744	**50206**	**Multiple TBF in A/Gb mode – MS testing**		**GP**	**No**		**24/06/2002**	**28/11/2003**	**0%**		**GP-022098**	**Ericsson**	**on.se**		**06/05/2008**	**50106 -> 50206**	
1745	54101	MS conformance tests		G4	No		24/06/2002	28/11/2003	0%						13/02/2003	Not started	
1746	**2345**	**Alignment of 3G functional split and Iu**	**Rel-5**	**GP**	**No**	**GER3GAL**	**08/06/2000**	**19/12/2003**	**85%**		**GP-021256**	**Ericsson**	**luller**	**Paolo**	**26/09/2002**	**AWS, Nokia, Ericsson, Nort**	
1747	**2346**	**GERAN user / control plane**		**GP**	**No**	**GER3GAL-GU**	**07/08/2000**	**30/08/2002**	**99%**		**GP-021255**	**Ericsson**	**luller**	**Paolo**	**13/02/2003**	**AWS, Nokia, Ericsson, Nort**	
1748	**2347**	**Alignment with UMTS bearer concept**		**GP**	**No**		**07/08/2000**	**30/08/2002**	**99%**						**13/02/2003**		
1749	50300	Enhanced power control		GP	No		31/08/2001	31/08/2001	100%						12/09/2001		
1750	2423	Stage 2		GP	No		07/08/2000	29/06/2001	100%						21/05/2002		
1751	2348	Adoption of the UTRAN PDCP		GP	No		06/11/2000	21/12/2001	100%						01/03/2002	Responsible is GERAN; RAN	
1752	50043	Development of RLC / MAC		GP	No		31/08/2001	30/08/2002	100%						13/01/2003		
1753	50044	Development of GERAN RRC		GP	No		22/06/2001	28/06/2002	100%						31/07/2002		
1754	50045	Ciphering and integrity protection concept paper		GP	No		31/08/2001	19/04/2002	100%						21/05/2002		
1755	50046	Multiple TBF or equivalent Concept paper		GP	No		31/08/2001	08/02/2002	100%						21/05/2002		
1756	50047	Paging concept		GP	No		31/08/2001	19/04/2002	100%						21/05/2002		
1757	50048	Dedicated Physical subchannels, includes traffic and c		GP	No		31/08/2001	30/11/2001	100%						21/05/2002		
1758	50049	Iu support and broadcast concept		GP	No		31/08/2001	19/04/2002	100%						21/05/2002		
1759	50050	Impact of using RLC instead of LAPDm concept		GP	No		31/08/2001	08/02/2002	100%						21/05/2002		
1760	50051	Contention resolution, mobile station identity, and acce		GP	No		31/08/2001	30/11/2001	100%						21/05/2002		
1761	50052	PDCP concept		GP	No		31/08/2001	19/04/2002	100%						21/05/2002		
1762	50053	Downlink delayed TBF release		GP	No		31/08/2001	30/08/2002	100%						26/09/2002		
1763	50054	Add transparent RLC Concept		GP	No		31/08/2001	08/02/2002	100%						21/05/2002		
1764	50055	Handover concept		GP	No		31/08/2001	08/02/2002	100%						21/05/2002		

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at	3, 200 e	Qt o Ja
1765	**2424**	**Physical layer alignment with UMTS bearer concept**		**GP**	**No**		**06/11/2000**	**30/11/2001**	**100%**						**12/09/2001**				
1766	2356	PDTCH/TCH in 45.003		GP	No		06/11/2000	08/06/2001	100%						13/02/2001				
1767	2357	Control channels in 45.003		GP	No		06/11/2000	08/06/2001	100%						12/09/2001				
1768	2358	Receiver performance in 45.005 for PDTCH/TCH and c		GP	No		06/11/2000	30/11/2001	100%						12/09/2001				
1769	**2359**	**Iu rg interface**		**GP;RP**	**No**	**GER3GAL-Iur**	**06/11/2000**	**28/06/2002**	**100%**		GP-010428	**Ericsson**	**luller**	**Paolo**	**13/02/2003**	**AWS, Nokia, Ericsson, Nort**			
1770	**2425**	**Inter BSS interface**		**GP;RP**	**No**		**06/11/2000**	**28/06/2002**	**100%**						**31/07/2002**				
1771	2360	Identification of requirements		GP	No		06/11/2000	28/06/2002	100%						08/11/2002				
1772	2361	Stage 2		GP	No		06/11/2000	28/06/2002	100%						08/11/2002				
1773	2362	Adoption of relevant parts from Iur		GP	No		06/11/2000	28/06/2002	100%						08/11/2002				
1774	2363	Complementation with GERAN specifics		GP	No		06/11/2000	28/06/2002	100%						08/11/2002				
1775	2364	Stage 3		GP	No		06/11/2000	28/06/2002	100%						08/11/2002				
1776	**2426**	**Inter BSS-RNS interface**		**GP;RP**	**No**		**06/11/2000**	**28/06/2002**	**100%**						**31/07/2002**				
1777	2365	Identification of requirements		GP;R3	No		06/11/2000	28/06/2002	100%						08/11/2002				
1778	2366	Stage 2		GP;R3	No		06/11/2000	28/06/2002	100%						08/11/2002				
1779	2367	Adoption of relevant parts from Iur		GP;R3	No		06/11/2000	28/06/2002	100%						08/11/2002				
1780	2368	Complementation with GERAN specifics		GP;R3	No		30/01/2002	28/06/2002	100%						08/11/2002				
1781	2369	Stage 3		GP;R3	No		30/01/2002	28/06/2002	100%						08/11/2002				
1782	**2370**	**Voice over GERAN PS and CS concept**		**GP;R3**	**No**		**06/11/2000**	**28/06/2002**	**100%**		GP-011252			**Paolo**	**31/07/2002**				
1783	2371	Architecture for A, Iu cs and Iu ps		GP;R3	No		06/11/2000	28/06/2002	100%						08/11/2002				
1784	2372	Transcoder position/operation		GP	No		06/11/2000	13/04/2001	100%						08/11/2002				
1785	2373	Handover		GP;R3	No		06/11/2000	28/06/2002	100%						08/11/2002				
1786	2374	RTP payload		GP;R3	No		06/11/2000	28/06/2002	100%						08/11/2002				
1787	2375	Codec renegotiation concept		GP;R3	No		06/11/2000	29/03/2002	100%						08/11/2002				
1788	2376	LA		GP	No		06/11/2000	13/04/2001	100%						08/11/2002				
1789	**2388**	**GERAN MS Conformance test for GERAN interface evolutior**		**GP**	**No**		**11/06/2001**	**19/12/2003**	**0%**		GP-021253			**Paolo**	**13/02/2003**	**Not started**			
1790	2389	MS test		GP	No		11/06/2001	19/12/2003	0%						13/02/2003	Not started			
1791	**2390**	**GERAN BSS Conformance test for GERAN interface evolutic**		**GP**	**No**		**08/06/2000**	**19/12/2003**	**0%**		GP-021254			**Paolo**	**13/02/2003**	**Not started**			
1792	2391	BSS test		GP	No		08/06/2000	19/12/2003	0%						13/02/2003	Not started			
1793	**2330**	**GERAN support for IMS**	**Rel-5**	**GP**	**No**	**GERIMS**	**01/05/2000**	**20/12/2002**	**59%**		GP-010420	**Nokia**	**amiti**	**Paolo**	**21/05/2002**	**AWS, Nokia, Ericsson, Nort**			
1794	**2331**	**GERAN Header adaptation**		**iP;S2;RP**	**No**	**GERIMS-HEAI**	**01/05/2000**	**20/12/2002**	**100%**		GP-010421	**Nokia**	**amiti**	**Paolo**	**13/01/2003**	**AWS, Nokia, Ericsson, Nort**			
1795	2332	Definition of compression and removal modes for PDCP pro		3P;S2;RP	No		01/05/2000	10/11/2000	100%						12/09/2001				
1796	2333	Conceptual description in stage 2		3P;S2;RP	No		01/05/2000	31/10/2001	100%						21/05/2002				
1797	2334	Necessary changes on stage 3 regarding header removal		3P;S2;RP	No		06/11/2000	20/12/2002	100%						13/01/2003				
1798	**2335**	**GERAN Radio access bearer design for IMS**		**iP;S2;RP**	**No**	**GERIMS-RAB**	**06/11/2000**	**28/06/2002**	**89%**		GP-010422	**Nokia**	**amiti**	**Paolo**	**13/01/2003**	**TERMINATED - NOT STANI**			
1799	**2422**	**MuM control signalling for conversational multimedia s**		**iP;S2;RP**	**No**		**06/11/2000**	**28/06/2002**	**89%**						**13/01/2003**	**TERMINATED - NOT STANI**			
1800	2431	Identification of requirements		3P;S2;RP	No		06/11/2000	08/02/2002	100%						13/01/2003	TERMINATED - NOT STAND			
1801	2337	Necessary modifications due to SIP		3P;S2;RP	No		06/05/2002	28/06/2002	0%						13/01/2003	TERMINATED - NOT STAND			
1802	**2341**	**GERAN MS Conformance test for support of IMS**		**GP**	**No**	**GERIMS-MSc**	**11/06/2001**	**20/12/2002**	**0%**		GP-010424	**Nokia**	**amiti**	**Paolo**	**13/01/2003**	**TERMINATED - NOT STANI**			
1803	2342	MS test		G4	No		11/06/2001	20/12/2002	0%						13/01/2003	TERMINATED - NOT STAND			
1804	**2343**	**GERAN BTS Conformance test for support of IMS**		**GP**	**No**	**GERIMS-BTS**	**11/06/2001**	**20/12/2002**	**0%**		GP-010425	**Nokia**	**amiti**	**Paolo**	**13/01/2003**	**TERMINATED - NOT STANI**			
1805	2344	BTS test		G3	No		11/06/2001	20/12/2002	0%						13/01/2003	TERMINATED - NOT STAND			
1806	54001	**MS Conformance Testing of Dual Transfer Moc**	NA	G4;G5	No	MSCTDTM	11/11/2002	07/02/2003	100%		GP-023236	Vodafone	e Fox		13/02/2003	Needed to complete DTM (R9			
1807	**32033**	**Handling of early UEs**	**Rel-5**	**S2**	**No**	**LATE_UE**	**03/01/2000**	**27/06/2003**	**100%**		SP-030125			**Alain**	**15/01/2003**				

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
1808	32031	Feasibility Study		S2	No		07/10/2002	13/12/2002	100%						15/01/2003		
1809	32032	Stage 2		S2	No		06/01/2003	27/06/2003	100%						23/07/2003		
1810	22001	FS for the Early Mobile Handling in UTRAN	Rel-5	R2	No	FSEarlyUE	09/09/2002	06/06/2003	100%		RAN_SIs	Vodafone	ı Law		04/07/2003		
1811	96	Note: Stage 3 RAN part not shown			No		03/01/2000	03/01/2000	100%						11/10/2001		
1812	0	**Release 4 Features**	Rel-4	RP,SP,TP	No		03/01/2000	03/01/2000	0%						NA		
1813	**1861**	**Miscelleneous UE Conformance Testing Activit**	**NA**	**T1**	**No**	**MISTST1**	**02/04/2001**	**01/12/2004**	**50%**		**not needed**			**Lidia**	**13/01/2003**		
1814	1862	Optimisation of Test Time, RF Aspects (FDD)	el Indep	T1	No	MISTST1-OpF	24/09/2001	03/09/2003	70%	34.121	TP-030052				14/03/2003	It is believed that the current l	
1815	1863	Optimisation of Test Time, RF Aspects (TDD)	el Indep	T1	No	MISTST1-OpT	24/09/2001	03/09/2003	70%	34.122	TP-030052				14/03/2003	It is believed that the current l	
1816	1907	Extensions to R99 Test cases		T1	No	MISTST1-Ext	02/04/2001	02/12/2003	70%	34.123 p 1	TP-030052				14/03/2003	Further test coverage of the F	
1817	2564	Extension to R99 Test cases - TTCN		T1	No		28/06/2002	03/03/2004	50%		TP-030052				14/03/2003		
1818	2565	Creation of R99 TCs for TDD - prose		T1	No	MISTST1-TDD	01/10/2001	01/07/2004	50%	34.123-1	TP-030052				14/03/2003		
1819	2566	Creation of R99 TCs for TDD - TTCN		T1	No		03/09/2002	01/12/2004	0%		TP-030052				14/03/2003		
1820	1908	Review all other work items for impact on new or exiting 34 series		T1	No	MISTST1	02/07/2002	27/12/2002	0%	34.121,122					10/12/2001	Can't start until most core spe	
1821	**1340**	**Facsimile**	**Rel-4**	**S1**	**No**	**FAX**	**22/02/2000**	**23/06/2000**	**100%**		**SP-000169**			**Alain**	**01/04/2000**		
1822	**1341**	**Real Time Fax**		**S2**	**No**	**FAX-RT**	**22/02/2000**	**23/06/2000**	**100%**						**15/11/2000**	**postponed from R99 to R00**	
1823	1808	Terminal capabilities, AT commands		T2	No		22/02/2000	23/06/2000	100%	21.904, 27					01/04/2000		
1824	1343	Signalling aspects (e.g. ICM)		N1	No		22/02/2000	23/06/2000	100%						15/11/2000		
1825	1648	Service provision		N3	No		22/02/2000	23/06/2000	100%	23.146					15/11/2000		
1826	1345	Review whether service/stage 1 aspects need to be aligned		S1	No		14/04/2000	23/06/2000	100%						01/04/2000		
1827	1346	Review whether architecture/stage 2 aspects need to be alig		S2	No		14/04/2000	23/06/2000	100%						01/04/2000		
1828	1539	**Transparent End-to-End PS mobile streaming a**	Rel-4	S4	No	PSTREAM	03/04/2000	21/03/2001	100%	26.233, 26	SP-000345			Paolo	20/03/2001		
1829	**1818**	**Multimedia Messaging**	**Rel-4**	**T2**	**No**	**MMS**	**22/02/2000**	**14/03/2001**	**99%**	**22.140, 23**	**TP-000078**	**Siemens**	**S.DE**	**dhelm**	**14/09/2001**		
1830	136	Definition of service requirements		S1	No	MMS	22/02/2000	31/05/2000	100%						01/04/2000		
1831	1819	Review of definition of service requirements		T2	No		01/06/2000	14/03/2001	100%	22.140, 23	TP-000078	Siemens			14/09/2001		
1832	**1820**	**Technical Realisation**		**T2**	**No**		**10/04/2000**	**14/03/2001**	**100%**	**22.140, 23**	**TP-000078**	**Siemens**	**S.DE**		**14/09/2001**		
1833	1821	Review of definition of reference Achitecture model		T2	No		10/04/2000	14/03/2001	100%	22.140, 23	TP-000078	Siemens	S.DE		14/09/2001		
1834	1822	"Fulfill Requirements of Stage 1"		T2	No		10/04/2000	14/03/2001	100%	22.140, 23	TP-000078	Siemens	S.DE		14/09/2001	e.g. minimum set of media for	
1835	1823	Definition of MMS primitives in Stage 2		T2	No		10/04/2000	14/03/2001	100%	22.140, 23	TP-000078	Siemens	S.DE		14/09/2001		
1836	**1541**	**Transcoder-Free Operation**	**Rel-4**	**N4**	**No**	**TrFO**	**03/01/2000**	**30/03/2001**	**100%**					**Kimmo**	**25/03/2002**	**Lead given to CN4 from CN**	
1837	**112**	**OoBTC solution**		**N4**	**No**	**TRFO-OOBTC**	**03/01/2000**	**30/03/2001**	**100%**		**N4-000531**	**NEC**	**:o.jp)**		**01/04/2000**		
1838	1512	implementation in UTRAN		R3	No	TRFO-OOBTC	11/09/2000	30/03/2001	100%	25.401, 25	RAN_Wis	Siemens	esely		20/03/2001	moved according to NP-0005	
1839	896	Impact on architecture, Principles and Terminology		S2	No		03/01/2000	20/10/2000	100%						13/12/2000	e.g. study cascading TrFO/TF	
1840	1657	Codec Negotiation between UE and MSC		N1	No		14/08/2000	02/02/2001	100%	24.008, 23		Motorola	lowell		04/12/2000	the link to NP-000085has bee	
1841	115	Codec Negotiation inter MSC		N4	No		03/07/2000	22/12/2000	100%						12/03/2001	Bearer establishment inter MS	
1842	894	Bearer establishment inter MSC		N4	No		03/07/2000	22/12/2000	100%	23.153	NP-000127				12/03/2001	Bearer establishment inter MS	
1843	**905**	**Speech Transcoder: Location and Control at the UMTS Core**		**S2**	**No**	**TRFO-STLC**	**10/04/2000**	**29/09/2000**	**100%**		**S2-99352**				**01/04/2000**	**WI description and Tdoc S2**	
1844	124	Transcoder at Edge		NP	No		10/04/2000	29/09/2000	100%						12/03/2001	WI description and Tdoc S2-9	
1845	**2310**	**GERAN improvements 1 (Gb over IP)**	**Rel-4**	**GP**	**No**	**GEIMP1**	**09/05/2000**	**19/03/2001**	**100%**		**GP-000433**			**Paolo**	**13/02/2001**		
1846	**2311**	**Gb over IP (Ip-fication of Gb)**		**GP**	**No**	**GbIP**	**09/05/2000**	**19/03/2001**	**100%**		**GP-000434**			**Paolo**	**13/02/2001**		
1847	2312	Concept		GP	No		09/05/2000	10/11/2000	100%						13/02/2001		
1848	2313	Changes to 08.16, 08.18		GP	No		09/05/2000	19/03/2001	100%						13/02/2001		
1849	**2314**	**GERAN improvements 2 (NACC)**	**Rel-4**	**GP**	**No**	**GEIMP2**	**06/11/2000**	**19/12/2003**	**80%**		**GP-012812**			**Paolo**	**10/12/2001**		
1850	**2315**	**Gb enhancements**		**GP**	**No**	**Gben**	**06/11/2000**	**08/06/2001**	**100%**		**GP-000436**			**Paolo**	**12/09/2001**		

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
1851	**2316**	**Intra BSC NACC (Network Assisted Cell Change)**		**GP**	**No**		**06/11/2000**	**08/06/2001**	**100%**						**21/05/2002**		
1852	2420	Concept		GP	No		06/11/2000	08/06/2001	100%						12/09/2001		
1853	2317	Changes in 03.64		GP	No		06/11/2000	08/06/2001	100%						12/09/2001		
1854	2318	Changes in 04.60		GP	No		06/11/2000	08/06/2001	100%						12/09/2001		
1855	2319	Changes in 44.008		GP	No		06/11/2000	08/06/2001	100%						12/09/2001		
1856	0	Start Testing			No		04/06/2001	04/06/2001	0%						28/03/2003		
1857	**50030**	**MS conformance test for Intra BSC NACC**		**GP**	**No**	**GEIMP2-Msco**	**30/11/2001**	**19/12/2003**	**50%**		**GP-012811**				**13/02/2003**	**Started**	
1858	50299	Changes in 51.010		G5;G4	No		30/11/2001	19/12/2003	50%						06/05/2008	50099 -> 50299	
1859	**2324**	**GERAN improvements 4 (Delayed TBF)**	**Rel-4**	**GP**	**No**	**GEIMP4**	**15/01/2001**	**08/06/2001**	**100%**		**GP-010363**			**Paolo**	**21/05/2002**		
1860	**2325**	**Gb enhancements 2**		**GP**	**No**	**GEIMP4-Gber**	**15/01/2001**	**08/06/2001**	**100%**		**GP-010363**				**21/05/2002**		
1861	2429	stage 2		GP	No		15/01/2001	08/06/2001	100%						01/03/2002		
1862	**2421**	**Stage 3 (changes in 44.060)**		**G2**	**No**		**15/01/2001**	**06/04/2001**	**100%**						**01/03/2002**		
1863	2327	Definition of enhanced countdown procedure		G2	No		15/01/2001	06/04/2001	100%						01/03/2002		
1864	2328	Definition of enhanced TBF release procedure		G2	No		15/01/2001	06/04/2001	100%						01/03/2002		
1865	2329	Definition of USF=FREE type polling mechanism on PD		G2	No		15/01/2001	06/04/2001	100%						01/03/2002		
1866	**1222**	**Low Chip Rate TDD option**	**Rel-4**	**R1**	**No**	**LCRTDD**	**19/07/2000**	**02/12/2003**	**76%**		**RAN_Wis**	**CWTS**	**Yang**	**ukasa**	**13/01/2003**		
1867	1223	Physical layer		R1	No	LCRTDD-Phys	19/07/2000	30/03/2001	100%		RAN_Wis	CWTS	Yang		12/03/2001		
1868	1224	Layer 2 and layer 3 protocol aspects		R2	No	LCRTDD-L23	19/07/2000	30/03/2001	100%		RAN_Wis	CWTS	Y. Liu		12/03/2001		
1869	1225	RF radio transmission/reception, system performance requireme		R4	No	LCRTDD-RF	14/08/2000	30/03/2001	100%		RAN_Wis	CWTS	hang		30/03/2001		
1870	1227	UE radio access capability		R2	No	LCRTDD-UEra	14/08/2000	30/03/2001	100%		RAN_Wis	CWTS	Y. Liu		12/03/2001		
1871	1228	Iub/Iur protocol aspects		R3	No	LCRTDD-Iublu	14/08/2000	30/03/2001	100%		RAN_Wis	CWTS	Y. Liu		20/03/2001		
1872	**2262**	**Low chiprate TDD interworking with GERAN**			**No**		**01/09/2000**	**19/01/2001**	**100%**		**GP-000432**			**Paolo**	**13/02/2001**		
1873	2263	Handover and Cell Selection / Reselection to UTRA 1.28 Mc			No		01/09/2000	19/01/2001	100%						13/02/2001		
1874	1911	Start Testing		MLST	No		03/09/2001	03/09/2001	0%						01/04/2000		
1875	**2103**	**Conformance Test Aspects - Low Chip Rate TDD**		**T1**	**No**		**17/09/2001**	**02/12/2003**	**52%**	**0%**					**01/04/2000**		
1876	2217	Testing Layer 2 and layer 3 protocol aspects		T1	No		17/09/2001	02/07/2003	60%	34.123-1, 3	TP-030052				14/03/2003	duration set to 6 months (was	
1877	2562	Testing Layer 2 and layer 3 protocol aspects - TTCN		T1	No		03/12/2002	02/12/2003	0%	34.123-3	TP-030052				14/03/2003		
1878	2218	Testing RF Radio Transmission and Reception		T1	No		17/09/2001	28/06/2002	100%		TP-030052				13/01/2003	duration set to 6 months (was	
1879	**1322**	**Enable bearer independent CS architecture**	**Rel-4**	**S2**	**No**	**CSSPLIT**	**03/01/2000**	**01/03/2002**	**80%**		**SP-000288**	**Siemens**	**inski**	**Kimmo**	**01/04/2000**		
1880	**1323**	**Enable bearer-independent call control**		**N4**	**No**		**03/01/2000**	**16/08/2001**	**100%**		**N4-000512**	**Ericsson**	**n.se**		**24/01/2002**	**DAB 12.12.01 should be 10(**	
1881	1516	Architecture and Stage 2 description		S2	No		03/01/2000	08/09/2000	100%	23.002					01/04/2000	R00 stage 2 at least 80 % cor	
1882	1325	Standardisation of protocols (control & user planes) over Nb		N3	No		02/01/2001	30/03/2001	100%		N4-000512				30/05/2001		
1883	1326	Standardisation of protocols over reference points between		N4	No		25/09/2000	23/03/2001	100%		N4-000512				12/03/2001		
1884	1616	Standardisation of detailed stage 2 description		N4	No		17/07/2000	23/03/2001	100%		N4-000512				12/03/2001		
1885	**1327**	**Bearer control between MSC server and MGW**		**N4**	**No**		**01/09/2000**	**16/08/2001**	**100%**		**N4-000512**				**12/03/2001**		
1886	1328	stage 3 - protocol issues		N4	No		01/09/2000	16/08/2001	100%						12/03/2001		
1887	1329	stage 3 - parameter value issues		N3	No		02/01/2001	30/03/2001	100%						30/05/2001		
1888	1331	Lawful interception		S3	No		21/08/2000	23/03/2001	100%						08/11/2002	Requirements capture: S3#14	
1889	1918	Start Testing		MLST	No		05/03/2001	05/03/2001	0%						01/04/2000		
1890	2052	Conformance Test Aspects - Enable bearer independent CS arch		T1	No	CSSPLIT-TES	05/03/2001	01/03/2002	0%	0%					01/04/2000		
1891	**1445**	**MExE enhancements Rel-4**	**Rel-4**	**T2**	**No**	**MEXE**	**03/01/2000**	**14/12/2001**	**100%**		**TP-030052**			**dhelm**	**14/09/2001**		
1892	**1447**	**MExE Security Analysis Activity**		**S3**	**No**	**MEXE-SEC**	**22/02/2000**	**14/12/2001**	**100%**		**SP-010327**	**BT**	**.com**		**10/12/2001**	**Presentation to S3 of threa**	
1893	2045	Stage 3		S3	No	MEXE1-SEC	17/07/2000	14/12/2001	100%						08/11/2002	Analysis undertaken by T2. N	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	andonn at
1894	1448	Terminal aspects		T2	No		22/02/2000	15/12/2000	100%						13/03/2001		
1895	**1810**	**MExE Rel4 Improvements and Investigations**		**T2**	**No**	**MEXE-ENHAN**	**03/01/2000**	**15/12/2000**	**100%**	**22.057, 23**		**Motorola**	**com)**		**13/03/2001**		
1896	1812	3rd MExE classmark		T2	No		03/01/2000	15/12/2000	100%	22.057, 23		Motorola	.com)		13/03/2001	Additional features for MExE	
1897	1814	FS on Secure download mechanism and capabilities to supp		T2	No		07/02/2000	15/12/2000	100%	22.057, 23		Motorola	.com)		13/03/2001		
1898	1815	FS on Support of MP3/MPEG4 content		T2	No		07/02/2000	15/12/2000	100%	22.057, 23		Motorola	.com)		13/03/2001		
1899	**1631**	**Tandem Free aspects for 3G and between 2G a**	**Rel-4**	**S4**	**No**	**TFO**	**22/02/2000**	**15/06/2001**	**100%**					**Paolo**	**30/03/2001**	**RAN and CN to verify no pr**	
1900	**1632**	**Tandem Free AMR**		**S4**	**No**	**TFO-AMR**	**22/02/2000**	**15/06/2001**	**100%**						**30/03/2001**	**RAN and CN to verify UMTS**	
1901	130	Specification		S4	No		22/02/2000	23/03/2001	100%	28.062					20/03/2001		
1902	**907**	**Impact on:**		**NP**	**No**		**08/01/2001**	**15/06/2001**	**100%**						**01/04/2000**	**"Implementation" changed**	
1903	131	CN		NP	No		26/03/2001	15/06/2001	100%						30/03/2001	RAN and CN to verify UMTS_	
1904	132	GERAN		GP	No		08/01/2001	06/04/2001	100%						28/02/2002	End date Modified from June	
1905	**2230**	**Advanced Speech Call Items enhancements_R**	**Rel-4**	**N1**	**No**	**ASCI**	**03/12/2000**	**14/03/2002**	**100%**		**NP-000730**	**Nortel**	**.com**	**Per**	**10/10/2001**	**Approved in TSGN_10...**	
1906	2232	Stage 2		N4	No		03/12/2000	14/03/2002	100%	23.067, 24		Sagem	Perlic	Kimmo	12/12/2001	CN4#11 30/11/02: no inputs r	
1907	2231	Stages 2 and 3 on A interface		N1	No		03/12/2000	23/03/2001	100%	44.068, 44		Nortel	s.com	Per	30/05/2001		
1908	**2403**	**700 MHz spectrum support**	**Rel-4**	**GP**	**No**	**700SS**	**03/01/2000**	**20/12/2002**	**100%**		**GP-000449**			**Paolo**	**13/01/2003**		
1909	**2404**	**GERAN support for the 700 MHz band**		**GP**	**No**		**03/01/2000**	**19/01/2001**	**100%**						**13/02/2001**		
1910	2405	Signalling support		GP	No		03/01/2000	19/01/2001	100%						13/02/2001		
1911	2406	Physical layer definitions		GP	No		03/01/2000	19/01/2001	100%						13/02/2001		
1912	2407	Receiver performance and RF budget		GP	No		03/01/2000	19/01/2001	100%						13/02/2001		
1913	**2408**	**GERAN MS Conformance test for 700 MHz band**		**GP**	**No**		**02/04/2001**	**30/11/2001**	**100%**		**GP-000451**				**31/07/2002**		
1914	2409	MS test		GP	No		02/04/2001	30/11/2001	100%						31/07/2002		
1915	**2410**	**GERAN BTS Conformance test for 700 MHz band**		**GP**	**No**		**02/04/2001**	**20/12/2002**	**100%**		**GP-000452**			**Paolo**	**13/01/2003**		
1916	2411	BTS test		GP	No		02/04/2001	20/12/2002	100%						13/01/2003		
1917	2463	**Operator Determined Barring for Packet Orient**	Rel-4	NP	No	ODB	01/06/2000	19/03/2001	100%		NP-010089	NEC	co.jp)		20/03/2001	Completed WI missing from tl	
1918	**2546**	**UMTS QoS Architecture for PS Domain**	**Rel-4**	**S2**	**No**	**QoSPS**	**03/01/2000**	**27/11/2002**	**61%**		**SP-010342**	**Ericsson**	**on.se**		**24/01/2002**		
1919	2548	Architecture		S2	No		05/06/2000	03/01/2001	100%	23.107					24/01/2002		
1920	2550	Charging and OAM&P for QoS Management		S5	No	QoSPS-OAM	21/09/2001	28/06/2002	100%	32-series	SP-010461	stream, Motorola	COM		21/06/2002		
1921	**1681**	**RAB Quality of Service (re)Negotiation over Iu**		**R3**	**No**	**QoSPS-MAPE**	**21/08/2000**	**23/03/2001**	**99%**	**25.413**	**RAN_Wis**	**Ericsson**	**under**		**16/02/2001**		
1922	1991	RAB Quality of Service Negotiation over Iu		R3	No	QoSPS-MAPE	21/08/2000	23/03/2001	100%		RAN_Wis	Ericsson	ander		12/03/2001		
1923	2456	RAB Quality of Service Negotiation over Iu during relocation		R3	No	QoSPS-MAPE	02/03/2001	23/03/2001	100%						12/03/2001		
1924	1992	RAB Quality of Service Re-Negotiation over Iu		R3	No	QoSPS-MAPE	25/09/2000	23/03/2001	100%		RAN_Wis	Motorola	Irwin		12/03/2001		
1925	**1553**	**GERAN QoS Aspects - Handovers: maintenance of real-time**		**GP**	**No**	**GERQoS**	**03/01/2000**	**30/11/2001**	**99%**		**GP-010431**			**Paolo**	**13/01/2003**		
1926	**2306**	**Handover Concept for the PS domain**		**GP**	**No**		**03/01/2000**	**30/11/2001**	**99%**						**10/12/2001**		
1927	2309	Stable RT handover report 25.936 including header rer		GP	No		03/01/2000	19/01/2000	100%						24/01/2002		
1928	2307	Update of stage 2		GP	No		03/01/2000	13/02/2001	100%						24/01/2002		
1929	2308	Update of relevant stage 3 specs -> RRC		G2	No		03/01/2000	30/11/2001	100%						10/12/2001		
1930	**50010**	**GERAN MS Conformance test for inter-system and intra-sys**		**G4;R3**	**No**	**GERQoS-Mst**	**31/08/2001**	**27/11/2002**	**0%**		**GP-012287**				**12/09/2001**	**Still exist? To be clarified b**	
1931	**50011**	**Handover for the PS domain**		**G4;R3**	**No**		**31/08/2001**	**27/11/2002**	**0%**						**12/09/2001**		
1932	50012	Stable RT handover report 25.936 including header rer		G4;R3	No		31/08/2001	27/11/2002	0%						12/09/2001		
1933	50013	Update of stage 2		G4;R3	No		31/08/2001	27/11/2002	0%						12/09/2001		
1934	50014	Update of relevant stage 3 specs		G4;R3	No		31/08/2001	27/11/2002	0%						12/09/2001		
1935	1685	PS-domain handover for real-time services		R3	No	QoSPS-PSdoF	28/08/2000	30/03/2001	100%		RAN_Wis	Nokia	salmi		12/03/2001		
1936	2554	RAB QoS Renegotiation at Relocation		R3	No		03/01/2001	23/03/2001	0%	25.851, 25					06/08/2001		

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	handonn at
1937	**1993**	**small Technical Enhancements and Improveme**	**Rel-4**	**Generic**	**No**	**TEI4**	**03/01/2000**	**06/05/2008**	**100%**						**01/04/2000**	**"Joker" WI, to be used for a**	
1938	25017	Small Technical Enhancements and Improvements for Rel-4 Con	Rel-4	R5	Yes	TEI4_Test	03/01/2000	06/05/2008	100%		Work_Items			n Baev	06/05/2008	"Joker" WI, to be used for sm	
1939	**400002**	**Rel-4 Evolutions of the transport in the UTRAN**	**NA**	**RP**	**No**	**ETRAN**	**21/08/2000**	**23/08/2002**	**69%**		**RAN Wis**	**Alcatel**	**urau**	**Joern**	**17/11/2000**		
1940	12	QoS optimisation for AAL2 connections over Iub and Iur interface	Rel-4	R3	No	ETRAN-QoSA	21/08/2000	30/03/2001	100%		RAN Wis	Japan Telecom	imura		20/03/2001		
1941	1995	Transport bearer modification procedure on Iub, Iur, and Iu	Rel-4	R3	No	ETRAN-MigrM	02/10/2000	30/03/2001	100%		RAN Wis	Japan Telecom	imura		20/03/2001		
1942	**401834**	**Conformance Test Aspects of Rel-4 evolutions of the transp**		**T1**	**No**		**25/02/2002**	**23/08/2002**	**0%**						**01/04/2000**		
1943	2208	Testing RAB support enhancements		T1	No	CT-RABS?	25/02/2002	23/08/2002	0%	34.108, 34					10/12/2001	Requires supporting compani	
1944	**400004**	**Rel-4 Evolutions of the transport in the CN**	**NA**	**N4**	**No**	**CNTRSP**	**29/05/2000**	**23/03/2001**	**100%**		**not needed**			**immo**	**20/03/2001**	**WI formulation assigned to**	
1945	**859**	**IP Transport of CN protocols (e.g., CAP, MAP)**	**Rel-4**	**N4**	**No**	**SS7IP**	**07/12/2000**	**23/03/2001**	**100%**						**20/03/2001**	**AS: corrected to Rel4 as sta**	
1946	**1679**	**Stage 3**		**N4**	**No**		**07/12/2000**	**23/03/2001**	**100%**						**13/03/2001**		
1947	2018	CAP		N2	No		07/12/2000	23/03/2001	100%						13/03/2001		
1948	2019	MAP		N4	No		07/12/2000	23/03/2001	100%						12/03/2001		
1949	2253	BSSAP+		N1	No	SS7IP-BSSAP	15/01/2001	14/03/2001	100%						12/03/2001		
1950	**1513**	**FS on Transport and control separation in the PS CN domai**	**Rel-4**	**S2**	**No**		**29/05/2000**	**23/03/2001**	**100%**		**SP-000293**	**Ericsson**	**on.se**		**19/09/2001**	**Rel4 added**	
1951	1615	Architectural impacts		S2	No		29/05/2000	23/03/2001	100%						08/02/2001		
1952	**401216**	**Rel-4 Improvements of Radio Interface**	**NA**	**RP**	**No**	**RInImp**	**10/07/2000**	**14/03/2003**	**83%**		**RAN Wis**			**ukasa**	**11/10/2001**		
1953	1509	UTRA repeater specification (master)	Rel-4	R4	No	RInImp-REP	10/07/2000	21/03/2001	100%		RAN_Wis	Mikom, Allgon	llgon		30/03/2001		
1954	1994	DSCH power control improvement in soft handover	Rel-4	R1	No	RInImp-DSCH	11/09/2000	23/03/2001	100%		RAN_Wis	Nokia	skala		12/03/2001		
1955	1996	UMTS 1800	el indep	R4	No	RInImp-UMTS	25/09/2000	14/12/2001	100%		RAN_Wis	Motorola	Benn		29/11/2001		
1956	2467	UMTS 1900	el indep	R4	No	RInImp-UMTS	19/03/2001	14/12/2001	100%			Motorola	Benn	Cesar	29/11/2001		
1957	1219	FS on High Speed downlink packet access		R2	No	RInImp-HSDP	21/08/2000	23/03/2001	100%		RAN_Sis	Motorola	ihosh		12/03/2001		
1958	1510	FS on improved common DL channel for Cell-FACH state		R2	No	RInImp-DLCF	11/09/2000	28/12/2001	100%		RAN_Sis	GBT	Kwak		24/01/2002	Stopped at RP#14	
1959	**401839**	**Conformance Test Spec. Rel-4 improvements in Radio Interf**		**T1**	**No**		**08/10/2001**	**14/03/2003**	**64%**						**11/10/2001**		
1960	2212	Testing Improved usage of downlink resource in FDD for CC		T1	No		18/02/2002	30/08/2002	0%						10/12/2001	start/finish dates set...	
1961	2213	Testing Terminal Power saving features		T1	No		18/02/2002	30/08/2002	0%						10/12/2001	start/finish dates set...	
1962	2214	Testing DSCH power control improvement in soft handover	Rel-4	T1	No		18/02/2002	30/08/2002	0%						28/02/2002	start/finish dates set...	
1963	2215	Testing UMTS 1800	el indep	T1	No		08/10/2001	14/06/2002	100%	34.108, 34	TP-030052				13/01/2003	finish date set	
1964	41000	Testing UMTS 1900	el indep	T1	No		08/10/2001	14/06/2002	100%	34.108, 34	TP-030052				13/01/2003	finish date set	
1965	2561	Testing UMTS 1800 - TTCN	el indep	T1	No		17/06/2002	14/03/2003	100%	34.123-3	TP-030052				13/01/2003	finish date set	
1966	41001	Testing UMTS 1900 - TTCN	el indep	T1	No		17/06/2002	14/03/2003	100%	34.123-3	TP-030052				13/01/2003	finish date set	
1967	**400009**	**Rel-4 RAN improvements**	**NA**	**RP**	**No**	**RANimp**	**14/08/2000**	**17/03/2004**	**17%**		**RAN Wis**			**Cesar**	**17/11/2000**		
1968	655	Node B synchronisation for TDD	Rel-4	R1	No	RANimp-NBsy	14/08/2000	23/03/2001	100%		RAN_Wis	Siemens	treich		12/03/2001		
1969	2206	RAB support enhancement for Rel-4	Rel-4	R2	No	RANimp-RABS	21/08/2000	23/03/2001	100%		RAN Wis	Ericsson	rajah		28/02/2002	29 Nov 2000: split into ROHC	
1970	401912	Start Testing		MLST	No		03/12/2001	03/12/2001	0%						09/04/2002	UID changed	
1971	**402102**	**Conformance Test Aspects - Rel-4 RAN Improvements**		**T1**	**No**		**01/01/2002**	**17/03/2004**	**2%**	**0%**					**01/04/2000**		
1972	402222	Testing Radio access bearer support enhancments		T1	No		01/01/2002	02/09/2002	0%						09/04/2002	duration set to 6 months (was	
1973	402461	Testing RAB support enhancements-Robust Header Compr	Rel-4	T1	No	RABimp-RoCH	28/05/2002	03/09/2003	0%	34.123-1, -	TP-030052				14/03/2003	UID changed	
1974	41006	Testing RAB support enhancements-Robust Header Compr	Rel-4	T1	No		28/05/2002	17/03/2004	0%	34.123-3	TP-030052				14/03/2003	UID changed	
1975	41007	Testing of Extended Robut Header Compression	Rel-4	T1	No	Ext-RoHC	18/09/2002	30/09/2003	15%	34.123-1, -	TP-030052				14/03/2003		
1976	41008	Testing of Extended Robut Header Compression - TTCN	Rel-4	T1	No		18/09/2002	16/12/2003	0%	34.123-3	TP-030052				14/03/2003		
1977	41009	General changes to TS34.121 corresponding to release 4	Rel-4	T1	No	RANimp-test	03/03/2003	03/03/2004	0%	34.108, 34					14/03/2003		
1978	**401652**	**Rel-4 Emergency call enhancements**	**NA**	**N1**	**No**	**EMC1**	**03/01/2000**	**28/05/2002**	**64%**			**Ericsson**	**n.se)**	**Per**	**30/05/2001**		
1979	**1654**	**For CS based calls**	**Rel-4**	**N1**	**No**	**EMC1-CS**	**03/01/2000**	**28/05/2002**	**64%**		**NP-010136**	**Ericsson**	**n.se)**		**30/05/2001**	**WI approved in TSG_10...**	

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	handonn at	3, 200 e	Qt o Ja
1980	1320	Distinction in CS domain of emergency call types to differen	Rel-4	S1	No		01/05/2000	23/06/2000	100%						21/07/2008				
1981	1999	Distinction in CS domain of emergency calls to different eme	Rel-4	N1	No		28/08/2000	26/09/2000	100%						21/07/2008	Calls to different emergency s			
1982	402224	Conformance Test Aspects - Emergency call enhancements		T1	No		03/01/2000	28/07/2000	0%						09/04/2002	UID changed			
1983	2226	Testing CS based emergency calls		T1	No		25/02/2002	28/05/2002	100%	34.123-1	TP-030052				13/01/2003				
1984	2563	Testing CS based emergency calls - TTCN		T1	No		22/11/2001	28/05/2002	100%	34.123-3	TP-030052				13/01/2003				
1985	**401826**	**Rel-4 Terminal interfaces**	**NA**	**T2**	**No**	**TI**	**03/01/2000**	**15/03/2001**	**99%**		**not needed**			**dhelm**	**13/03/2001**				
1986	**1827**	**AT commands enhancements**	**Rel-4**	**T2**	**No**	**TI-ATC**	**03/01/2000**	**14/03/2001**	**100%**	**27.007**					**13/03/2001**				
1987	1828	Specification of AT commands for new services		T2	No		03/01/2000	14/03/2001	100%	27.007					20/03/2001	goal not completely achieved			
1988	**1829**	**Wide Area Data Synchronisation**	**NA**	**T2**	**No**	**TI-WADS**	**03/01/2000**	**14/03/2001**	**99%**						**19/12/2000**	**AS: Rel5 changed to Rel4 a**			
1989	1830	Continues evolution of Synchronisation protocol	Rel-4	T2	No	TI-SYNC-EVO	03/01/2000	14/03/2001	100%	27.903, 27					20/03/2001				
1990	1832	Terminal local model	Rel-4	T2	No	TLM	16/05/2000	15/03/2001	100%	23.227	TP-000080	Ericsson	N.SE		14/09/2001				
1991	**401536**	**Rel-4 Location Services enhancements**	**NA**	**S2**	**No**	**LCS1**	**03/04/2000**	**28/12/2001**	**99%**		**SP-010518**	**Nokia**	**ı Kall**	**Alain**	**01/04/2000**				
1992	2229	CBS interactions	Rel-4	T2	No	LCS1-CBS	03/04/2000	28/12/2001	100%	23.041					10/12/2001				
1993	523	LCS support in the CS domain	Rel-4	S2	No	LCS1-CS	15/05/2000	19/01/2001	100%						17/11/2000	Only MAP impact foreseen sc			
1994	**525**	**LCS support in the PS domain**	**Rel-4**	**S2**	**No**	**LCS1-PS**	**01/05/2000**	**28/12/2001**	**99%**						**01/04/2000**				
1995	1642	Stage 1		S1	No		03/07/2000	25/08/2000	100%	22.071		fic Bell Wireless	.com)		01/04/2000	To be also considered: Exterr			
1996	1181	Stage 2		S2	No		01/05/2000	19/01/2001	100%	23.271					13/12/2000	AS: 23.271 completed at SA#			
1997	**1180**	**Stage 3**		**N1**	**No**		**21/08/2000**	**28/12/2001**	**100%**						**10/10/2001**				
1998	526	Layer 3 LCS signaling UE (MS) -SGSN (UMTS PS and		N1	No		21/08/2000	28/12/2001	100%			Nokia	ıonen		25/03/2002				
1999	2462	MAP impacts of LCS		N4	No		21/08/2000	30/03/2001	100%						20/03/2001	Missing work task			
2000	527	GTP signaling for LCS		N4	No		21/08/2000	30/03/2001	100%						12/03/2001				
2001	**401600**	**UE positioning Rel-4**	**NA**	**RP**	**No**	**LCS1-UEpos**	**03/04/2000**	**30/03/2001**	**100%**		**RAN_Wis**				**09/04/2002**	**UID changed**			
2002	1601	Iub/Iur interfaces for methods Rel 99	Rel-4	R3	No	LCS1-UEpos-I	03/04/2000	30/03/2001	100%		RAN_Wis	Ericsson	ao Hu		20/03/2001	27/11: WG corrected; rapport			
2003	1602	UE positioning enhancements - IPDL for TDD	Rel-4	R2	No	LCS1-UEpos-e	28/08/2000	23/03/2001	100%		RAN_Wis	Siemens	mann		12/03/2001	5 Mar 2001: splitting off of IPI			
2004	**401560**	**Rel-4 UICC/(U)SIM enhancements and interwor**	**NA**	**T3**	**No**	**UICC1**	**24/07/2000**	**23/03/2001**	**100%**		**not needed**			**Claus**	**13/01/2003**				
2005	1799	Common PCN Handset Specification (CPHS)	Rel-4	T3	No	UICC1-CPHS	24/07/2000	23/03/2001	100%	27.103	TP-000116	One2One			28/05/2001	28/5/2001: CRs approved at			
2006	**401800**	**Rel-4 (U)SIM toolkit enhancements**	**NA**	**T3**	**No**	**USAT1**	**05/06/2000**	**23/03/2001**	**100%**		**not needed**			**Claus**	**13/01/2003**				
2007	2034	USAT local link	Rel-4	T3	No	USAT1-LocLnk	05/06/2000	23/03/2001	100%		TP-000155	Gemplus	:ubon		28/05/2001	25/5/2001:CR was approved			
2008	**401571**	**Rel-4 Security enhancements**	**NA**	**S3**	**No**	**SEC1**	**03/01/2000**	**15/03/2002**	**87%**		**SP-000421**	**Vodafone**	**.com**	**aurice**	**27/03/2003**	**Added BB UE authenticatio**			
2009	1587	Evolution of GSM CS algorithms (e.g. A5/3 development and dep	Rel-4	S3	No	SEC1-CSALG	03/01/2000	15/01/2001	100%		SP-000306				08/11/2002	Algorithm development go-ah			
2010	**1588**	**Evolution of GSM PS algorithms (e.g. GEA 2 deployment)**	**Rel-4**	**S3**	**No**	**SEC1-PSALG**	**22/02/2000**	**22/12/2000**	**100%**		**SP-000307**				**10/12/2001**	**A5/3 development will cons**			
2011	1589	Main aspects		S3	No		22/02/2000	24/11/2000	100%						10/12/2001	Complete TSG#09 (09/2000).			
2012	1618	Impact on GTP		N4	No		20/03/2000	22/12/2000	100%						13/12/2000				
2013	1661	GEA capability indication in MS CM		N1	No	SEC1-PSALG	19/06/2000	22/12/2000	100%			ıdafone Airtouch	ı Mills		15/11/2000				
2014	**401583**	**MAP application layer security**	**Rel-4**	**S3**	**No**	**SEC1-MAPAL**	**03/01/2000**	**15/03/2002**	**76%**						**08/11/2002**	**TO DELETE: REPLACED B'**			
2015	401584	Main aspects		S3	No		21/02/2000	29/03/2001	100%						09/04/2002	UID changed			
2016	402025	Other stage 3 aspects		N4	No		22/02/2000	24/11/2000	100%						09/04/2002	UID changed			
2017	401594	CHECK STATUS - Visibility and Configurability of security	Rel-5	S3	No	SEC1-VCS	03/01/2000	15/03/2002	60%		SP-000305	France Telecom	ı.com		09/04/2002	CR approved at SA3#21 awa			
2018	**401142**	**Rel-4 Charging and OAM&P**	**NA**	**S5**	**No**	**OAM**	**01/12/2000**	**05/10/2001**	**100%**	**32-series**	**SP-010461**	**ream, Motorola**	**COM**	**Adrian**	**24/01/2002**	**az: WID appr.SA#13.**			
2019	2089	Rel4 Principles, high level Requirements and Architecture	Rel-4	S5	No	OAM-AR/PR	01/12/2000	21/06/2001	100%	32.101, 32	SP-010461	Motorola, Telia	IA.SE		13/01/2003				
2020	2088	Rel4 Performance Management	Rel-4	S5	No		01/12/2000	28/09/2001	100%	32.4xy, 52	SP-010238	T-Mobile	ile.de		13/01/2003	Changed Rapp email			
2021	2081	Fault Management	Rel-4	S5	No		01/12/2000	05/10/2001	100%	32.111-1/4	SP-000524	Lucent	COM)		13/01/2003				
2022	2082	Configuration Management	Rel-4	S5	No	OAM-CM	01/12/2000	21/06/2001	100%	32.106-1/8	SP-000524	Ericsson	on.se		13/01/2003				

ID	Jnique_ID	Name	Release	Resource Names	Modifie	Acronym	Start	Finish	% Complete	Impacted TSs and TRs	Hyperlink	WI rapporteur name	WI pporte e-mail	MCC resp	last modif	Notes	handonn at
2023	2083	Rel4 Charging Management	Rel-4	S5	No	OAM-CH	01/12/2000	28/09/2001	100%	32.2xy (Ch	SP-000524	T-Mobile	ile.de		13/01/2003	Changed Rapp email	
2024	2071	UTRAN Operations and Maintenance procedures	Rel-4	S5	No	UOAM	01/12/2000	21/06/2001	100%	32.800	SP-000524	mann Mobilfunk	nn.de	Adrian	13/01/2003		
2025	**1517**	**Global Text Telephony**	**el Indep**	**S2**	**No**	**GTT**	**03/01/2000**	**31/12/2008**	**100%**		**SP-010340**	**Ericsson**	**or.se**	**Alain**	**28/02/2002**	**SP-000162 agreed WI. Rapp**	
2026	1634	Stage 1		S1	No		28/06/2000	16/03/2001	100%	22.976, 22					01/04/2000		
2027	1519	Stage 2		S2	No		11/09/2000	22/06/2001	100%	23.226					24/01/2002		
2028	**2234**	**Specification of Cellular Text telephone Modem**		**S4**	**No**	**GTT-CTM**	**11/09/2000**	**19/03/2001**	**100%**						**28/02/2002**		
2029	2238	General description and C-code		S4	No		11/09/2000	11/12/2000	100%	26.226, 26					28/02/2002		
2030	2237	Minimum Performance requirements		S4	No		11/09/2000	19/03/2001	100%	26.231					28/02/2002		
2031	1915	Start Testing		MLST	No		18/02/2002	18/02/2002	100%						24/01/2002		
2032	**1852**	**Conformance Test Aspects - Global Text telephony**		**T1**	**No**		**03/01/2000**	**31/12/2008**	**100%**	**34.125**					**13/01/2003**	**Bearer services, new spec**	
2033	25017	Small Technical Enhancements and Improvements for Rel-4	Rel-4	R5	Yes	TEI4_Test	03/01/2000	31/12/2008	100%		Work_Items			n Baev	10/03/2008	"Joker" WI, to be used for sm	

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a	a	Jul	e	o	Jan	a	a	Jul	e	o	Ja	a	a	Jul	e	o	Jan	a	a	Jul	e	o	Jan	a	a	Jul	e	o	Ja	a	a	Jul	e	o	Jan	a	a	Jul	e	o	Jan	a	a	Jul	e	o	Ja	a	a	Jul	e	o	Jan	a	a	Jul	e	o	Jan	a	a	Jul	e	o	Ja	a	a	Jul	e	o	Ja	a	a	Jul	e	o	Jan	a	a	Jul	e	o	Jan	a	a	Jul	e	o	Ja	a	a	Jul

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Date: 10/12/2008

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			