

ID	ID	Unique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
1	1	0	<b>Version 2011 June 7</b>	-	1	-	-	03/01/2000	03/01/2000	100%	-	-	-		
2	2	0	<b>Five (5) Rel-10 Stage 3 exceptions to 09/2011</b>	-	1	-	-	03/01/2000	03/01/2000	100%	-	-	-		
3	3	0	<b>Rel-11 Stage 1 freeze 09/2011</b>	-	1	-	-	03/01/2000	03/01/2000	100%	-	-	-		
4	4	0		-	1	-	-	03/01/2000	03/01/2000	100%	-	-	-		
5	5	0	<i>Gantt: dark blue=done; light blue=to be done; grey: previous values;</i>	-	1	-	-	03/01/2000	03/01/2000	100%	-	-	-		
6	6	0	<b>Release 11 Features</b>	-	1	Rel-11	SP,CP,GP	25/03/2010	23/12/2011	0%	-	-	-		
7	7	470051	<b>Advanced IP Interconnection of Services</b>	IPXS	1	Rel-11	S1,S2	25/03/2010	16/03/2012	71%	<a href="#">SP-100876</a>	Telefónica	SP#50 updated WID SP-100227=>S		
8	8	470052	<b>Stage 1 for Advanced IP Interconnection of Services</b>	IPXS	2	Rel-11	S1	25/03/2010	21/09/2011	97%	<a href="#">SP-100876</a>	Telefónica	SP#50 updated WID SP-100227=>SF		
9	9	500025	<b>Stage 2 for Advanced IP Interconnection of Services</b>	IPXS	2	Rel-11	S2	16/12/2010	16/03/2012	40%	<a href="#">SP-100876</a>	Ericsson	SP#50 updated WID SP-100227=>SF		
10	10	480030	<b>System Improvements to Machine-Type Communica</b>	SIMTC	1	Rel-11	S1,S2,S3	10/06/2010	20/06/2012	22%	<a href="#">SP-110422</a>	KPN	SP#52 updated WID SP-100877=>S		
11	11	480130	<b>Stage 1 for System Improvements to Machine-Type Cor</b>	SIMTC	2	Rel-11	S1	10/06/2010	21/09/2011	30%	<a href="#">SP-110422</a>	KPN	-		
12	12	480230	<b>TR on Stage 2 for System Improvements to Machine-Ty</b>	SIMTC	2	Rel-11	S2	10/06/2010	15/03/2012	15%	<a href="#">SP-110422</a>	Intel	SP#52 updated WID SP-100877=>SF		
13	13	490028	<b>TR on Security aspects of System Improvements to Ma</b>	SIMTC	2	Rel-11	S3	23/09/2010	20/06/2012	50%	<a href="#">SP-110252</a>	Samsung	SP#52 updated WID SP-100877=>SF		
14	14	520021	<b>Building Block 1: Reachability Aspects</b>	SIMTC-Reach	2	Rel-11	S2,S3	08/06/2011	21/03/2012	0%	<a href="#">SP-110422</a>	Intel	SP#52 updated WID SP-100877=>S		
15	15	520121	MTC Feature Control (described in TS 22.368, clause 7.1.1)	SIMTC-Reach	3	Rel-11	S2	08/06/2011	21/03/2012	0%	<a href="#">SP-110344</a>	Intel	-		
16	16	520221	Device Triggering (TS 22.368, 7.1.2)	SIMTC-Reach	3	Rel-11	S2	08/06/2011	21/03/2012	0%	<a href="#">SP-110344</a>	Intel	-		
17	17	520321	Addressing (TS 22.368, 7.1.3)	SIMTC-Reach	3	Rel-11	S2	08/06/2011	21/03/2012	0%	<a href="#">SP-110344</a>	Intel	-		
18	18	520421	Identifiers – especially removal of MSISDN dependencies in	SIMTC-Reach	3	Rel-11	S2	08/06/2011	21/03/2012	0%	<a href="#">SP-110344</a>	Intel	-		
19	19	520521	PS Only support (TS 22.368, 7.2.4)	SIMTC-Reach	3	Rel-11	S2	08/06/2011	21/03/2012	0%	<a href="#">SP-110344</a>	Intel	-		
20	20	520022	<b>Building Block 2: Signalling Optimizations</b>	SIMTC-Sig	2	Rel-11	S2,S3	08/06/2011	21/03/2012	0%	<a href="#">SP-110422</a>	Intel	SP#52 updated WID SP-100877=>S		
21	21	520122	Effectively maintain connectivity for a large number of MTC C	SIMTC-Sig	3	Rel-11	S2	08/06/2011	21/03/2012	0%	<a href="#">SP-110344</a>	Intel	-		
22	22	520222	Small Data Transmissions (TS 22.368, 7.2.5)	SIMTC-Sig	3	Rel-11	S2	08/06/2011	21/03/2012	0%	<a href="#">SP-110344</a>	Intel	-		
23	23	520023	<b>Building Block 3: CN-based requirements and Power C</b>	SIMTC-CN_Pow	2	Rel-11	S2,S3	08/06/2011	21/03/2012	0%	<a href="#">SP-110422</a>	Intel	SP#52 updated WID SP-100877=>S		
24	24	520123	Charging Requirements (TS 22.368, 7.1.5)	SIMTC-CN_Pow	3	Rel-11	S2	08/06/2011	21/03/2012	0%	<a href="#">SP-110344</a>	Intel	-		
25	25	520223	Lower Power Consumption (TS 22.368, 7.1.1)	SIMTC-CN_Pow	3	Rel-11	S2	08/06/2011	21/03/2012	0%	<a href="#">SP-110344</a>	Intel	-		
26	26	520323	MTC Monitoring (TS 22.368, 7.2.8)	SIMTC-CN_Pow	3	Rel-11	S2	08/06/2011	21/03/2012	0%	<a href="#">SP-110344</a>	Intel	-		
27	27	520024	<b>Building Block 4: Secure Connection</b>	SIMTC-Sec	2	Rel-11	S3	08/06/2011	20/06/2012	0%	<a href="#">SP-110422</a>	Samsung	SP#52 updated WID SP-100877=>S		
28	28	520124	Secure Connection MTC Feature (TS 22.368, 7.2.10)	SIMTC-Sec	3	Rel-11	S3	08/06/2011	20/06/2012	0%	<a href="#">SP-110422</a>	Samsung	-		
29	29	480330	<i>Deleted - Stage 2 on SA2 part for System Improvements to Mac</i>	SIMTC	2	Rel-11	S2	10/06/2010	08/06/2011	100%	<a href="#">SP-110422</a>	Intel	SP#52 stopped. Updated WID SP-10		
30	30	480430	<i>Deleted - Stage 2 on Security part for System Improvements to I</i>	SIMTC	2	Rel-11	S3	10/06/2010	08/06/2011	100%	<a href="#">SP-110422</a>	Samsung	SP#52 stopped. Updated WID SP-10		
31	31	480031	<b>Unstructured Supplementary Service Data (USSD) si</b>	USSI	1	Rel-11	S1,C1,C3	10/06/2010	08/12/2011	0%	<a href="#">SP-100408</a>	Deutsche Te	SP#48 approved WID & Stage 1 cor		
32	32	480131	<b>Stage 1 for USSD simulation service in IMS</b>	USSI	2	Rel-11	S1	10/06/2010	10/06/2010	100%	<a href="#">SP-100408</a>	Deutsche Tel	SP#48 completed		
33	33	520003	<b>Stage 3 for USSD simulation service in IMS</b>	USSI	2	Rel-11	C1,C3	03/06/2011	08/12/2011	0%	<a href="#">CP-110534</a>	Deutsche Te	No stage 2 impact, as reuse existin		
34	34	520103	CT1 part of Stage 3 for USSD simulation service in IMS	USSI	3	Rel-11	C1	03/06/2011	08/12/2011	0%	<a href="#">CP-110534</a>	Deutsche Tel	No stage 2 impact, as reuse existing		
35	35	520203	CT3 part of Stage 3 for USSD simulation service in IMS	USSI	3	Rel-11	C3	03/06/2011	08/12/2011	0%	<a href="#">CP-110534</a>	Deutsche Tel	No stage 2 impact, as reuse existing		
36	36	490030	<b>SIPTO Service Continuity of IP Data Session</b>	SIPTO_SC	1	Rel-11	S1	23/09/2010	21/09/2011	97%	<a href="#">SP-100589</a>	Vodafone	Linked to Rel-10 Local IP Access a		
37	37	490130	<b>Stage 1 for SIPTO Service Continuity of IP Data Sessio</b>	SIPTO_SC	2	Rel-11	S1	23/09/2010	21/09/2011	97%	<a href="#">SP-100589</a>	Vodafone	SP#50 completion 12/10=>09/11		
38	38	490031	<b>QoS Control Based on Subscriber Spending Limits</b>	QoS_SSL	1	Rel-11	S1,S2,S5,I	23/09/2010	21/03/2012	47%	<a href="#">SP-110086</a>	Vodafone	SP#51 updated WID SP-100773=>S		
39	39	490131	<b>Stage 1 for QoS Control Based on Subscriber Spending</b>	QoS_SSL	2	Rel-11	S1	23/09/2010	21/09/2011	97%	<a href="#">SP-110086</a>	Vodafone	SP#51 updated WID SP-100773=>SF		
40	40	510043	<b>Stage 2 for QoS Control Based on Subscriber Spending</b>	QoS_SSL	2	Rel-11	S2	23/03/2011	15/12/2011	75%	<a href="#">SP-110086</a>	Huawei	SP#51 updated WID SP-100773=>SF		
41	41	500029	<b>Charging for QoS Control Based on Subscriber Spendi</b>	QoS_SSL	2	Rel-11	S5	16/12/2010	21/03/2012	10%	<a href="#">SP-110086</a>	Nokia Siemer	SP#51 updated WID SP-100773=>SF		
42	42	520004	<b>CT3 aspects of QoS Control Based on Subscriber Spen</b>	QoS_SSL-CT3	2	Rel-11	C3	03/06/2011	16/03/2012	15%	<a href="#">CP-110514</a>	Huawei	Stage 3 (coordinate with SA5 which d		
43	43	490032	<b>Optimized Service Charging and Allocation of Resou</b>	OSCAR	1	Rel-11	S1,S2	23/09/2010	15/12/2011	55%	<a href="#">SP-110347</a>	Vodafone	SP#52 updated WID SP-100701=>S		

ID	ID	Jnique_IC	Name	Acronym	utilit _eve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
44	44	490132	TR on Stage 2 aspects of Optimized Service Charging and Allocation	OSCAR	2	Rel-11	S2	23/09/2010	15/12/2011	75%	<a href="#">SP-110347</a>	Vodafone	SP#52 updated WID SP-100701=>SF		
45	45	490232	Stage 1 for Optimized Service Charging and Allocation	OSCAR	2	Rel-11	S1	23/09/2010	21/09/2011	97%	<a href="#">SP-110347</a>	Vodafone	SP#52 updated WID SP-100701=>SF		
46	46	490332	Stage 2 for Optimized Service Charging and Allocation	OSCAR	2	Rel-11	S2	23/09/2010	15/12/2011	0%	<a href="#">SP-110347</a>	Vodafone	SP#52 updated WID SP-100701=>SF		
47	47	500030	Non Voice Emergency Services	NOVES	1	Rel-11	S1	16/12/2010	21/09/2011	50%	<a href="#">SP-100884</a>	Qualcomm	Triggered by SA1 Rel-11 TR 22.871		
48	48	500130	Stage 1 for NOVES	NOVES	2	Rel-11	S1	16/12/2010	21/09/2011	50%	<a href="#">SP-100884</a>	Qualcomm	-		
49	49	500031	Interworking between Mobile Operators using the E	MOSAP	1	Rel-11	S1,S2	16/12/2010	16/03/2012	35%	<a href="#">SP-110350</a>	Cisco	SP#52 updated WID SP-100891=>S		
50	50	500131	Stage 1 for MOSAP	MOSAP	2	Rel-11	S1	16/12/2010	21/09/2011	95%	<a href="#">SP-100891</a>	Cisco	-		
51	51	520025	TR on Stage 2 for MOSAP	MOSAP	2	Rel-11	S2	06/06/2011	14/12/2011	0%	<a href="#">SP-110350</a>	Intel	SP#52 updated WID SP-100891=>SF		
52	52	520026	Stage 2 for MOSAP	MOSAP	2	Rel-11	S2	06/06/2011	16/03/2012	0%	<a href="#">SP-110350</a>	Intel	SP#52 updated WID SP-100891=>SF		
53	53	510047	Support for 3GPP Voice Interworking with Enterprise	VINE	1	Rel-11	S1	23/03/2011	21/09/2011	60%	<a href="#">SP-110176</a>	Tatara Syste	Triggered by Rel-11 TR 22.809 Stuc		
54	54	510147	Stage 1 for Support for 3GPP Voice Interworking with E	VINE	2	Rel-11	S1	23/03/2011	21/09/2011	60%	<a href="#">SP-110176</a>	Tatara Syster	-		
55	55	520027	IMS Network-Independent Public User Identities	INIPUI	1	Rel-11	S1	08/06/2011	21/09/2011	80%	<a href="#">SP-110381</a>	Vodafone	Triggered by Rel-11 TR 22.894 Stuc		
56	56	520127	Stage 1 for IMS Network-Independent Public User Ident	INIPUI	2	Rel-11	S1	08/06/2011	21/09/2011	80%	<a href="#">SP-110381</a>	Vodafone	SP#52 approved WID and SP-110371		
57	57	520028	Anonymous Call Rejection in the CS domain	ACR_CS	1	Rel-11	S1	07/06/2011	08/06/2011	100%	<a href="#">SP-110421</a>	Alcatel-Luce	SP#52 Stage 1 completed		
58	58	520128	Stage 1 for Anonymous Call Rejection in the CS domain	ACR_CS	2	Rel-11	S1	07/06/2011	08/06/2011	100%	<a href="#">SP-110421</a>	Alcatel-Lucen	SP#52 completed. Approved WID and		
59	59	460026	Support BroadBand forum Accesses Interworking	BBAI	1	Rel-11	S2,S1	10/12/2009	21/03/2012	46%	<a href="#">SP-110423</a>	Ericsson, Hu	SP#52 updated WID SP-100881=>S		
60	60	470022	TR on Stage 2 for BBAI	BBAI	2	Rel-11	S2	26/03/2010	14/12/2011	60%	<a href="#">SP-110423</a>	Ericsson	SP#52 TR 23.839 v100 for Informatio		
61	61	460126	Stage 1 BB I for BBAI	BBAI	2	Rel-11	S1	10/12/2009	25/03/2010	100%	<a href="#">SP-110423</a>	Ericsson	SP#47 completed. Provide service re		
62	62	470023	Stage 2 BB I for BBAI	BBAI	2	Rel-11	S2	26/03/2010	21/09/2011	40%	<a href="#">SP-110423</a>	Ericsson	SP#52 updated WID SP-100881=>SF		
63	63	490026	Stage 1 BB II for BBAI	BBAI	2	Rel-11	S1	23/09/2010	21/09/2011	97%	<a href="#">SP-110423</a>	Ericsson	SP#51 completion 03/11=>09/11		
64	64	470024	Stage 2 BB II for BBAI	BBAI	2	Rel-11	S2	23/09/2010	21/03/2012	5%	<a href="#">SP-110423</a>	Ericsson	SP#52 updated WID SP-100881=>SF		
65	65	490027	Stage 1 BB III for BBAI	BBAI	2	Rel-11	S1	23/09/2010	21/09/2011	97%	<a href="#">SP-110423</a>	Huawei	SP#51 completion 03/11=>09/11		
66	66	470025	Stage 2 BB III for BBAI	BBAI	2	Rel-11	S2	23/09/2010	21/03/2012	0%	<a href="#">SP-110423</a>	Huawei	SP#52 updated WID SP-100881=>SF		
67	67	480035	SRVCC aspect of enhancements for Multimedia Prior	eMPS_SRVCC	1	Rel-11	S2	10/06/2010	14/12/2011	40%	<a href="#">SP-110346</a>	NTT DoCoMo	SP#52 updated WID SP-100359=>S		
68	68	480135	TR on SRVCC for eMPS	eMPS_SRVCC	2	Rel-11	S2	10/06/2010	08/06/2011	100%	<a href="#">SP-110346</a>	NTT DoCoMc	SP#52 completed. TR 23.854 v200 fo		
69	69	480235	Stage 2 on SRVCC for eMPS	eMPS_SRVCC	2	Rel-11	S2	10/06/2010	14/12/2011	0%	<a href="#">SP-110346</a>	NTT DoCoMc	SP#51 completion 03/11=>12/11		
70	70	500026	Single Radio Video Call Continuity for 3G-CS	vSRVCC	1	Rel-11	S2,C1,C3,C4	15/10/2010	08/12/2011	31%	<a href="#">SP-100704</a>	Samsung	Complete Stage 2 to support Singl		
71	71	500126	Stage 2 for Single Radio Video Call Continuity for 3G-C	vSRVCC	2	Rel-11	S2	15/10/2010	21/09/2011	95%	<a href="#">SP-100704</a>	Samsung	SP#52 completion 06/11=>09/11. Trig		
72	72	520005	CN aspects of Single Radio Video Call Continuity for 3G	vSRVCC-CT	2	Rel-11	C1,C3,C4	03/06/2011	08/12/2011	0%	<a href="#">CP-110438</a>	NEC	Stage 3		
73	73	520105	CT1 aspects of Single Radio Video Call Continuity for 3G-CS	vSRVCC-CT	3	Rel-11	C1	03/06/2011	08/12/2011	0%	<a href="#">CP-110438</a>	NEC	-		
74	74	520205	CT3 aspects of Single Radio Video Call Continuity for 3G-CS	vSRVCC-CT	3	Rel-11	C3	03/06/2011	08/12/2011	0%	<a href="#">CP-110438</a>	NEC	-		
75	75	520305	CT4 aspects of Single Radio Video Call Continuity for 3G-CS	vSRVCC-CT	3	Rel-11	C4	03/06/2011	08/12/2011	0%	<a href="#">CP-110438</a>	NEC	-		
76	76	480038	Network Provided Location Information for IMS	NWK-PL2IMS	1	Rel-11	S2,S1,S5	10/06/2010	21/03/2012	31%	<a href="#">SP-100358</a>	T-Mobile	SP#51 Stage 2 delayed by 6 months		
77	77	500027	Stage 1 for Network Provided Location Information for	NWK-PL2IMS	2	Rel-11	S1	15/12/2010	21/09/2011	97%	<a href="#">not available</a>	n/a	SP#51 completion 03/11=>06/11		
78	78	480138	TR on Stage 2 for network provided location informatio	NWK-PL2IMS	2	Rel-11	S2	10/06/2010	21/09/2011	60%	<a href="#">SP-100358</a>	T-Mobile	SP#51 completion 03/11=>09/11		
79	79	480238	Stage 2 for Network Provided Location Information for	NWK-PL2IMS	2	Rel-11	S2	10/06/2010	14/12/2011	0%	<a href="#">SP-100358</a>	T-Mobile	SP#51 completion 06/11=>12/11		
80	80	490029	Network Provided Location Information for IMS Charging	NWK-PL2IMS_CH	2	Rel-11	S5	23/09/2010	21/03/2012	5%	<a href="#">SP-110125</a>	Nokia Siemer	SP#51 updated WID SP-100638=>SF		
81	81	500028	LIPA Mobility and SIPTO at the Local Network	LIMONET	1	Rel-11	S2	15/10/2010	15/12/2011	35%	<a href="#">SP-100705</a>	Huawei	Linked to UID_490030 SIPTO Servi		
82	82	500128	Stage 2 for LIPA Mobility and SIPTO at the Local Netwo	LIMONET	2	Rel-11	S2	15/10/2010	15/12/2011	35%	<a href="#">SP-100705</a>	Huawei	-		
83	83	500032	Service Awareness and Privacy Policies	SAPP	1	Rel-11	S2,S1,C3	12/10/2010	09/12/2011	73%	<a href="#">SP-100882</a>	Allot Commu	SP#50 Stage 1 completed. Triggere		
84	84	500132	Stage 1 for Service Awareness and Privacy Policies	SAPP	2	Rel-11	S1	12/10/2010	15/12/2010	100%	<a href="#">SP-100882</a>	Allot Commur	For deep packet inspection (i.e. Traffi		
85	85	500232	Stage 2 for Service Awareness and Privacy Policies	SAPP	2	Rel-11	S2	15/10/2010	21/09/2011	93%	<a href="#">SP-100882</a>	Allot Commur	-		
86	86	510003	CT3 part of Service Awareness and Privacy Policies	SAPP-CT3	2	Rel-11	C3	18/03/2011	09/12/2011	45%	<a href="#">CP-110136</a>	Allot Commur	Stage 3 to support Application Detect		

Page 2

ID	ID	Unique_IC	Name	Acronym	utili leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														May	Qtr 3, 2011 Jul
87	87	500033	<b>VPLMN Autonomous CSG Roaming</b>	VCSG	1	Rel-11	S2	15/10/2010	15/12/2011	30%	<a href="#">SP-100706</a>	Qualcomm	Linked to Rel-10 UID_450053 Enhanc		
88	88	500133	<b>Stage 2 for VPLMN Autonomous CSG Roaming</b>	VCSG	2	Rel-11	S2	15/10/2010	15/12/2011	30%	<a href="#">SP-100706</a>	Qualcomm	-		
89	89	510048	<b>Data Identification in Access Network Discovery and</b>	DIDA	1	Rel-11	S2	23/03/2011	15/12/2011	6%	<a href="#">SP-110084</a>	Qualcomm	Linked to Rel-10 IFOM (IP Flow Mo		
90	90	510148	<b>TR on Stage 2 for Data Identification in ANDSF</b>	DIDA	2	Rel-11	S2	23/03/2011	21/09/2011	15%	<a href="#">SP-110084</a>	Qualcomm	-		
91	91	510248	<b>Stage 2 for Data Identification in ANDSF</b>	DIDA	2	Rel-11	S2	23/03/2011	15/12/2011	0%	<a href="#">SP-110084</a>	Qualcomm	-		
92	92	510049	<b>Operator Policies for IP Interface Selection</b>	OPIIS	1	Rel-11	S2	23/03/2011	15/12/2011	12%	<a href="#">SP-110222</a>	LG Electroni	Linked to Rel-10 IFOM (IP Flow Mo		
93	93	510149	<b>TR on Stage 2 for Operator Policies for IP Interface Sel</b>	OPIIS	2	Rel-11	S2	23/03/2011	21/09/2011	30%	<a href="#">SP-110222</a>	LG Electronic	-		
94	94	510249	<b>Stage 2 for Operator Policies for IP Interface Selection</b>	OPIIS	2	Rel-11	S2	23/03/2011	15/12/2011	0%	<a href="#">SP-110222</a>	LG Electronic	-		
95	95	510050	<b>Location-Based Selection of gaTEways for WLAN</b>	LOBSTER	1	Rel-11	S2	23/03/2011	15/12/2011	35%	<a href="#">SP-110083</a>	ZTE	Related to UID_350027 SAE for sup		
96	96	510150	<b>Stage 2 for LOBSTER</b>	LOBSTER	2	Rel-11	S2	23/03/2011	15/12/2011	35%	<a href="#">SP-110083</a>	ZTE	-		
97	97	520029	<b>Short Message Service (SMS) submit and delivery w</b>	SMSMI	1	Rel-11	S2	08/06/2011	21/03/2012	0%	<a href="#">SP-110352</a>	Nokia Sieme	Linked to Rel-7 SMSIP (Support of		
98	98	520129	<b>TR on Stage 2 for SMS submit and delivery without MS</b>	SMSMI	2	Rel-11	S2	08/06/2011	21/03/2012	0%	<a href="#">SP-110352</a>	Nokia Siemer	-		
99	99	520229	<b>Stage 2 for SMS submit and delivery without MSISDN in</b>	SMSMI	2	Rel-11	S2	08/06/2011	21/03/2012	0%	<a href="#">SP-110352</a>	Nokia Siemer	-		
##	100	520030	<b>Security small Enhancements</b>	Sec11	1	Rel-11	S3	03/01/2000	21/03/2012	22%	<a href="#">not applicable</a>	-	-		
##	101	440055	<b>EEA3 and EIA3 (new Encryption &amp; Integrity EPS securit</b>	EEA3_EIA3	2	Rel-11	S3	04/06/2009	15/12/2011	50%	<a href="#">SP-090445</a>	CATR	SP#52 moved as BB under generic S		
##	102	480039	<b>Specification of Protection against Unsolicited Commu</b>	SPUCI	2	Rel-11	S3	10/06/2010	21/09/2011	50%	<a href="#">SP-100428</a>	NEC	SP#52 completion 06/11=>09/11. SP		
##	103	510053	<b>H(e)NB security features for UE mobility scenarios (Sta</b>	HNB_mob_Sec	2	Rel-11	S3	23/03/2011	15/12/2011	0%	<a href="#">SP-110025</a>	Huawei	SP#52 moved as BB under generic S		
##	104	510054	<b>Security aspects of Public Warning System</b>	PWS_Sec	2	Rel-11	S3,S1,S2,C	23/03/2011	09/12/2011	6%	<a href="#">SP-110223</a>	Ericsson	SA3 review of PWS security requir		
##	105	510154	<b>Stage 1 for Security aspects of Public Warning System</b>	PWS_Sec	3	Rel-11	S1	23/03/2011	08/06/2011	0%	<a href="#">SP-110223</a>	Ericsson	Add HeNB Security extensions to Ext		
##	106	510254	<b>Stage 2 for Security aspects of Public Warning System</b>	PWS_Sec	3	Rel-11	S2	23/03/2011	21/09/2011	0%	<a href="#">SP-110223</a>	Ericsson	-		
##	107	510354	<b>SA3 part for Security aspects of Public Warning System</b>	PWS_Sec	3	Rel-11	S3	23/03/2011	21/09/2011	30%	<a href="#">SP-110223</a>	Ericsson	-		
##	108	510454	<b>CT1 part for Security aspects of Public Warning System</b>	PWS_Sec	3	Rel-11	C1	23/03/2011	09/12/2011	0%	<a href="#">SP-110223</a>	Ericsson	-		
##	109	510554	<b>RAN2 part for Security aspects of Public Warning System</b>	PWS_Sec	3	Rel-11	R2	23/03/2011	09/12/2011	0%	<a href="#">SP-110223</a>	Ericsson	-		
##	110	520031	<b>Security enhancements for usage of GBA from the brov</b>	Web_GBA	2	Rel-11	S3	08/06/2011	21/03/2012	0%	<a href="#">SP-110254</a>	Nokia	-		
##	111	520032	<b>Lawful Interception in the 3GPP Rel-11</b>	LI11	2	Rel-11	S3	03/01/2000	13/04/2001	0%	<a href="#">SP-110424</a>	PIDS, Alcatel	Stage 1/2/3		
##	112	470030	<b>Codec for Enhanced Voice Services</b>	EVS_codec	1	Rel-11	S4,S1	25/03/2010	12/09/2012	35%	<a href="#">SP-100202</a>	Huawei	SP#49 SA4 completion =>03/12. Mc		
##	113	470031	<b>Stage 1 for EVS_codec</b>	EVS_codec	2	Rel-11	S1	25/03/2010	25/03/2010	100%	<a href="#">SP-100202</a>	Huawei	SP#47 completed		
##	114	470032	<b>Codec for Enhanced Voice Services</b>	EVS_codec	2	Rel-11	S4	25/03/2010	12/09/2012	35%	<a href="#">SP-100202</a>	Huawei	SP#51 completion 12/11=>09/12		
##	115	520033	<b>Extensions of Acoustic Test Specifications in TS 26.</b>	Ext_ATS	1	Rel-11	S4	08/06/2011	12/09/2012	0%	<a href="#">SP-110309</a>	Orange, Qual	-		
##	116	510051	<b>Rel-11 Operations, Administration, Maintenance and</b>	OAM11	1	Rel-11	S5	23/03/2011	07/12/2012	4%	<a href="#">not applicable</a>	-	-		
##	117	510151	<b>Network Infrastructure Management</b>	OAM11-NIM	2	Rel-11	S5	23/03/2011	21/03/2012	5%	<a href="#">not applicable</a>	-	-		
##	118	510056	<b>IRP framework enhancements to support Management of C</b>	OAM-FMC-IRP	3	Rel-11	S5	23/03/2011	21/03/2012	5%	<a href="#">SP-110139</a>	Nokia Siemer	Triggered by SA5 Studies TR 32.833.		
##	119	510251	<b>Performance Management</b>	OAM11-PM	2	Rel-11	S5	23/03/2011	07/12/2012	5%	<a href="#">not applicable</a>	-	-		
##	120	510057	<b>IMS Performance Management enhancements</b>	OAM-ePM-IMS	3	Rel-11	S5	23/03/2011	14/12/2011	10%	<a href="#">SP-110134</a>	ZTE	-		
##	121	510058	<b>Enhanced Management of UE based network performance n</b>	OAM-ePM-UE	3	Rel-11	S5	23/03/2011	07/12/2012	5%	<a href="#">SP-110135</a>	Huawei, Eric	-		
##	122	520034	<b>CN performance measurements enhancement</b>	OAM-ePM-CN	3	Rel-11	S5	08/06/2011	14/12/2011	0%	<a href="#">SP-110275</a>	China Mobile	-		
##	123	510351	<b>Self-Organizing Networks (SON) - OAM aspects</b>	OAM11-SON	2	Rel-11	S5	23/03/2011	14/09/2012	0%	<a href="#">not applicable</a>	-	-		
##	124	510059	<b>UTRAN Self-Organizing Networks (SON) management</b>	OAM-SON-UTRAN	3	Rel-11	S5	23/03/2011	14/09/2012	0%	<a href="#">SP-110133</a>	Huawei	-		
##	125	510052	<b>Rel-11 Charging Management small Enhancements</b>	CH11	1	Rel-11	S5	25/03/2010	20/06/2012	66%	<a href="#">not applicable</a>	-	-		
##	126	470045	<b>Add solutions for Rc - reference point within the Online</b>	CH-Rc	2	Rel-11	S5	25/03/2010	21/03/2012	95%	<a href="#">SP-110129</a>	Huawei	SP#51 completion 03/11=>09/11. WII		
##	127	510060	<b>Charging for Policy Enhancements for Sponsored Coni</b>	PEST-CH	2	Rel-11	S5	21/03/2011	20/06/2012	20%	<a href="#">SP-110126</a>	Ericsson	Stage 3		
##	128	510029	<b>Transit Inter Operator Identifier for IMS Interconnect</b>	IOI_IMS_CH	1	Rel-11	S5,S1,C1	27/10/2010	21/03/2012	0%	<a href="#">SP-110132</a>	Deutsche Te	Stage 2/3. Coordination needed wi		
##	129	510129	<b>Stage 1 for Transit Inter Operator Identifier for IMS Inter</b>	IOI_IMS_CH	2	Rel-11	S1	27/10/2010	21/03/2012	0%	<a href="#">SP-110132</a>	Deutsche Tel	Stage 1 in Rel-11 SA1 TS 22.115 (Se		

ID	ID	Unique_IC	Name	Acronym	utili leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														May	Qtr 3, 2011 Jul
##	130	510229	Stage 2/3 SA5 part of Transit Inter Operator Identifier for IMS Inter	IOI_IMS_CH	2	Rel-11	S5	27/10/2010	21/03/2012	0%	<a href="#">SP-110132</a>	Deutsche Tel	Coordination needed with CT1 and C		
##	131	520006	Stage 3 for Transit Inter Operator Identifier for IMS Inter	IOI_IMS_CH	2	Rel-11	C1	03/06/2011	09/12/2011	0%	<a href="#">CP-110440</a>	Deutsche Tel	-		
##	132	480011	User Data Convergence - Data Model	UDC_DM	1	Rel-11	C4,S1	25/03/2010	14/09/2012	14%	<a href="#">CP-110384</a>	Telecom Itali	CP#52 updated WID CP-100609=>C		
##	133	480036	Stage 1 for UDC Data Model	UDC_DM	2	Rel-11	S1	25/03/2010	10/06/2010	100%	<a href="#">not applicable</a>	Telecom Italie	SP#48 completed as Rel-10		
##	134	480111	TR on User Data Convergence (UDC) Data Model	UDC_DM	2	Rel-11	C4	04/06/2010	14/09/2012	20%	<a href="#">CP-110384</a>	Telecom Italie	CP#52 updated WID CP-100609=>C		
##	135	480211	User Data Convergence (UDC) Data Model	UDC_DM	2	Rel-11	C4	04/06/2010	14/09/2012	0%	<a href="#">CP-110384</a>	Telecom Italie	CP#52 updated WID CP-100609=>C		
##	136	510004	Definition of the UICC Application for Hosting Party	HPM_UICC	1	Rel-11	C6	18/03/2011	16/03/2012	30%	<a href="#">CP-110289</a>	Gemalto	Defines Stage 3 for UICC application		
##	137	520007	Usability improvement of II-NNI specification for inte	NNI_OI	1	Rel-11	C3	03/06/2011	09/12/2011	0%	<a href="#">CP-110533</a>	NTT	Stage 3 (No architectural change, spr		
##	138	520008	enhanced Nodes Restoration for EPC	eNR_EPC	1	Rel-11	C4	03/06/2011	09/12/2011	0%	<a href="#">CP-110385</a>	ZTE	Stage 2/3 Triggered by DRAFT TR 23		
##	139	520009	Reference Location Information	RLI	1	Rel-11	C4,C1	03/06/2011	09/12/2011	80%	<a href="#">CP-110386</a>	Huawei	Stage 3. Stage 2 clause C.1.1 of SA		
##	140	520109	CT4 part of Reference Location Information	RLI	2	Rel-11	C4	03/06/2011	03/06/2011	100%	<a href="#">CP-110386</a>	Huawei	CP#52 completed		
##	141	520209	CT1 part of Reference Location Information	RLI	2	Rel-11	C1	03/06/2011	09/12/2011	80%	<a href="#">CP-110386</a>	Huawei	-		
##	142	520010	IMS Stage-3 IETF Protocol Alignment	IMSProtoc5	1	Rel-11	C1,C3	03/06/2011	14/09/2012	0%	<a href="#">CP-110437</a>	Alcatel-Luce	Stage 3		
##	143	520110	CT1 part of IMS Stage-3 IETF Protocol Alignment	IMSProtoc5	2	Rel-11	C1	03/06/2011	14/09/2012	0%	<a href="#">CP-110437</a>	Alcatel-Lucen	-		
##	144	520210	CT3 part of IMS Stage-3 IETF Protocol Alignment	IMSProtoc5	2	Rel-11	C3	03/06/2011	14/09/2012	0%	<a href="#">CP-110437</a>	Alcatel-Lucen	-		
##	145	510001	Full Support of Multi-Operator Core Network by GERAN	Full_MOCN-GERAN	1	Rel-11	G2,S2,C1	04/03/2011	09/12/2011	12%	<a href="#">GP-110332</a>	Alcatel-Luce	GP#49 approved WID. Standardizati		
##	146	510101	GERAN part of Full Support of Multi-Operator Core Net	Full_MOCN-GERAN	2	Rel-11	G2	04/03/2011	25/11/2011	20%	<a href="#">GP-110332</a>	Alcatel-Lucen	GP#49 approved WID		
##	147	510201	Stage 2 for Full Support of Multi-Operator Core Network	Full_MOCN-GERAN	2	Rel-11	S2	08/06/2011	21/09/2011	0%	<a href="#">SP-110390</a>	Alcatel-Lucen	SP#52 approved WID		
##	148	510301	CN Stage 3 for Full Support of Multi-Operator Core Net	Full_MOCN-GERAN	2	Rel-11	C1	03/06/2011	09/12/2011	0%	<a href="#">CP-110439</a>	Alcatel-Lucen	CP#52 approved WID		
##	149	430011	Network-Based Positioning Support in LTE	LCS_LTE-NBPS	1	Rel-11	R2,R1,R3,	09/03/2009	14/09/2012	18%	<a href="#">RP-101446</a>	TruePosition	-		
##	150	430111	Core part: Network-Based Positioning Support in LTE	LCS_LTE-NBPS-Core	2	Rel-11	R2,R1,R3,	09/03/2009	09/12/2011	55%	<a href="#">RP-101446</a>	TruePosition	-		
##	151	430211	Perf. part: Network-Based Positioning Support in LTE	LCS_LTE-NBPS-Perf	2	Rel-11	R4	09/03/2009	14/09/2012	0%	<a href="#">RP-101446</a>	TruePosition	-		
##	152	480026	Service continuity, counting improvements and loca	MBMS_LTE_SC	1	Rel-11	R2,R3	04/06/2010	02/03/2012	5%	<a href="#">RP-110452</a>	Huawei	RP#51 completion 06/11=>03/12 (M		
##	153	480126	Core part: Service continuity, counting improvements a	MBMS_LTE_SC-Core	2	Rel-11	R2,R3	04/06/2010	02/03/2012	5%	<a href="#">RP-110452</a>	Huawei	RP#51 completion 06/11=>03/12 (Mo		
##	154	480023	LTE-Advanced Carrier Aggregation of Band 3 and B	LTE_CA_B3_B7	1	Rel-11	R4	10/12/2010	07/12/2012	5%	<a href="#">RP-110702</a>	TeliaSonera	RP#52 updated WID RP-100668=>R		
##	155	480123	Core part: LTE-Advanced Carrier Aggregation of Band	LTE_CA_B3_B7-Core	2	Rel-11	R4	10/12/2010	21/09/2012	10%	<a href="#">RP-110702</a>	TeliaSonera	RP#52 updated WID RP-100668=>R		
##	156	480223	Perf. part: LTE-Advanced Carrier Aggregation of Band	LTE_CA_B3_B7-Perf	2	Rel-11	R4	10/12/2010	07/12/2012	0%	<a href="#">RP-110702</a>	TeliaSonera	RP#52 updated WID RP-100668=>R		
##	157	500017	LTE Advanced Carrier Aggregation of Band 4 and B	LTE_CA_B4_B17	1	Rel-11	R4	10/12/2010	07/12/2012	5%	<a href="#">RP-101391</a>	AT&T	Stage 3		
##	158	500117	Core part: LTE Advanced Carrier Aggregation of Band	LTE_CA_B4_B17-Co	2	Rel-11	R4	10/12/2010	21/09/2012	10%	<a href="#">RP-101391</a>	AT&T	-		
##	159	500217	Perf. part: LTE Advanced Carrier Aggregation of Band	LTE_CA_B4_B17-Pe	2	Rel-11	R4	10/12/2010	07/12/2012	0%	<a href="#">RP-101391</a>	AT&T	-		
##	160	500018	LTE Advanced Carrier Aggregation of Band 4 and B	LTE_CA_B4_B13	1	Rel-11	R4	10/12/2010	07/12/2012	5%	<a href="#">RP-101435</a>	Ericsson	Stage 3		
##	161	500118	Core part: LTE Advanced Carrier Aggregation of Band	LTE_CA_B4_B13-Co	2	Rel-11	R4	10/12/2010	21/09/2012	10%	<a href="#">RP-101435</a>	Ericsson	-		
##	162	500218	Perf. part: LTE Advanced Carrier Aggregation of Band	LTE_CA_B4_B13-Pe	2	Rel-11	R4	10/12/2010	07/12/2012	0%	<a href="#">RP-101435</a>	Ericsson	-		
##	163	510030	LTE Carrier Aggregation Enhancements	LTE_CA_enh	1	Rel-11	R1,R2,R3,	18/03/2011	07/12/2012	0%	<a href="#">RP-110732</a>	Nokia	Stage 3. Triggered by Rel-11 UID 5		
##	164	510130	Core part: LTE Carrier Aggregation Enhancements	LTE_CA_enh-Core	2	Rel-11	R1,R2,R4,	18/03/2011	21/09/2012	0%	<a href="#">RP-110732</a>	Nokia	RP#52 updated WID RP-110451=>R		
##	165	510230	Perf. part: LTE Carrier Aggregation Enhancements	LTE_CA_enh-Perf	2	Rel-11	R4	18/03/2011	07/12/2012	0%	<a href="#">RP-110732</a>	Nokia	-		
##	166	510022	LTE Advanced Carrier Aggregation of Band 4 and B	LTE_CA_B4_B12	1	Rel-11	R4,R2	18/03/2011	07/12/2012	0%	<a href="#">RP-110135</a>	US Cellular	Stage 3 (DL/UL 20/10MHz & DL/UL		
##	167	510122	Core part: LTE Advanced Carrier Aggregation of Band	LTE_CA_B4_B12-Co	2	Rel-11	R4,R2	18/03/2011	21/09/2012	0%	<a href="#">RP-110135</a>	US Cellular	-		
##	168	510222	Perf. part: LTE Advanced Carrier Aggregation of Band	LTE_CA_B4_B12-Pe	2	Rel-11	R4,R2	18/03/2011	07/12/2012	0%	<a href="#">RP-110135</a>	US Cellular	-		
##	169	510023	LTE Advanced Carrier Aggregation of Band 5 and B	LTE_CA_B5_B12	1	Rel-11	R4,R2	18/03/2011	07/12/2012	0%	<a href="#">RP-110372</a>	US Cellular	Stage 3 (DL/UL 20/10MHz & (DL/U		
##	170	510123	Core part: LTE Advanced Carrier Aggregation of Band	LTE_CA_B5_B12-Co	2	Rel-11	R4,R2	18/03/2011	21/09/2012	0%	<a href="#">RP-110372</a>	US Cellular	-		
##	171	510223	Perf. part: LTE Advanced Carrier Aggregation of Band	LTE_CA_B5_B12-Pe	2	Rel-11	R4,R2	18/03/2011	07/12/2012	0%	<a href="#">RP-110372</a>	US Cellular	-		
##	172	510024	LTE Advanced Carrier Aggregation of Band 20 and E	LTE_CA_B20_B7	1	Rel-11	R4	18/03/2011	07/12/2012	0%	<a href="#">RP-110403</a>	Huawei	Stage 3 (DL/UL 30/20MHz; 1 UL ac		



ID	ID	Unique_IC	Name	Acronym	utili leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														May	Qtr 3, 2011 Jul
##	173	510124	Core part: LTE Advanced Carrier Aggregation of Band 2	LTE_CA_B20_B7-Co	2	Rel-11	R4	18/03/2011	21/09/2012	0%	<a href="#">RP-110403</a>	Huawei			
##	174	510224	Perf. part: LTE Advanced Carrier Aggregation of Band 2	LTE_CA_B20_B7-Pe	2	Rel-11	R4	18/03/2011	07/12/2012	0%	<a href="#">RP-110403</a>	Huawei			
##	175	510025	<b>LTE Advanced Carrier Aggregation Band 2 and Band 4</b>	LTE_CA_B2_B17	1	Rel-11	R4	18/03/2011	07/12/2012	0%	<a href="#">RP-110432</a>	AT&T	Stage 3		
##	176	510125	Core part: LTE Advanced Carrier Aggregation Band 2 a	LTE_CA_B2_B17-Co	2	Rel-11	R4	18/03/2011	21/09/2012	0%	<a href="#">RP-110432</a>	AT&T			
##	177	510225	Perf. part: LTE Advanced Carrier Aggregation Band 2 a	LTE_CA_B2_B17-Pe	2	Rel-11	R4	18/03/2011	07/12/2012	0%	<a href="#">RP-110432</a>	AT&T			
##	178	510026	<b>LTE Advanced Carrier Aggregation Band 4 and Band 5</b>	LTE_CA_B4_B5	1	Rel-11	R4	18/03/2011	07/12/2012	0%	<a href="#">RP-110433</a>	AT&T	Stage 3		
##	179	510126	Core part: LTE Advanced Carrier Aggregation Band 4 a	LTE_CA_B4_B5-Core	2	Rel-11	R4	18/03/2011	21/09/2012	0%	<a href="#">RP-110433</a>	AT&T			
##	180	510226	Perf. part: LTE Advanced Carrier Aggregation Band 4 a	LTE_CA_B4_B5-Perf	2	Rel-11	R4	18/03/2011	07/12/2012	0%	<a href="#">RP-110433</a>	AT&T			
##	181	510027	<b>LTE Advanced Carrier Aggregation Band 5 and Band 5a</b>	LTE_CA_B5_B17	1	Rel-11	R4	18/03/2011	07/12/2012	0%	<a href="#">RP-110434</a>	AT&T	Stage 3		
##	182	510127	Core part: LTE Advanced Carrier Aggregation Band 5 a	LTE_CA_B5_B17-Co	2	Rel-11	R4	18/03/2011	21/09/2012	0%	<a href="#">RP-110434</a>	AT&T			
##	183	510227	Perf. part: LTE Advanced Carrier Aggregation Band 5 a	LTE_CA_B5_B17-Pe	2	Rel-11	R4	18/03/2011	07/12/2012	0%	<a href="#">RP-110434</a>	AT&T			
##	184	510021	<b>Further Enhanced Non CA-based ICIC for LTE</b>	eICIC_enh_LTE	1	Rel-11	R1,R2,R3,	18/03/2011	15/06/2012	0%	<a href="#">RP-110824</a>	China Mobile	Stage 2/3		
##	185	510121	Core part: Further Enhanced Non CA-based ICIC for LTE	eICIC_enh_LTE-Core	2	Rel-11	R1,R2,R3,	18/03/2011	15/06/2012	0%	<a href="#">RP-110824</a>	China Mobile	-		
##	186	510221	Perf. part: Further Enhanced Non CA-based ICIC for LTE	eICIC_enh_LTE-Perf	2	Rel-11	R4	18/03/2011	15/06/2012	0%	<a href="#">RP-110824</a>	China Mobile	RP#52 updated WID RP-110420=>R		
##	187	510028	<b>New Band LTE Downlink FDD 716-728 MHz</b>	LTE_DL_FDD700	1	Rel-11	R4	18/03/2011	07/12/2012	0%	<a href="#">RP-110435</a>	AT&T	Stage 3		
##	188	510128	Core part: New Band LTE Downlink FDD 716-728 MHz	LTE_DL_FDD700-Co	2	Rel-11	R4	18/03/2011	21/09/2012	0%	<a href="#">RP-110710</a>	AT&T	RP#52 updated WID RP-110435=>R		
##	189	510228	Perf. part: New Band LTE Downlink FDD 716-728 MHz	LTE_DL_FDD700-Pe	2	Rel-11	R4	18/03/2011	07/12/2012	0%	<a href="#">RP-110435</a>	AT&T	-		
##	190	510031	<b>LTE RAN Enhancements for Diverse Data Applications</b>	LTE_eDDA	1	Rel-11	R2	18/03/2011	15/06/2012	5%	<a href="#">RP-110454</a>	Research In	Stage 3 ?		
##	191	510131	Core part: LTE RAN Enhancements for Diverse Data Applications	LTE_eDDA-Core	2	Rel-11	R2	18/03/2011	15/06/2012	5%	<a href="#">RP-110454</a>	Research In I	-		
##	192	510032	<b>LTE E850 - Lower Band for Region 2 (non-US)</b>	LTE_e850_LB	1	Rel-11	R1,R2,R4	18/03/2011	16/03/2012	0%	<a href="#">RP-110439</a>	NII Holdings	Stage 3		
##	193	510132	Core part: LTE E850 - Lower Band for Region 2 (non-US)	LTE_e850_LB-Core	2	Rel-11	R1,R2,R4	18/03/2011	09/12/2011	0%	<a href="#">RP-110439</a>	NII Holdings	-		
##	194	510232	Perf. part: LTE E850 - Lower Band for Region 2 (non-US)	LTE_e850_LB-Perf	2	Rel-11	R4	18/03/2011	16/03/2012	0%	<a href="#">RP-110439</a>	NII Holdings	-		
##	195	510033	<b>Carrier based HetNet ICIC for LTE</b>	LTE_CA_HetNet_ICI	1	Rel-11	R3,R1,R2	18/03/2011	15/06/2012	5%	<a href="#">RP-110437</a>	Nokia Sieme	Stage 2/3		
##	196	510133	Core part: Carrier based HetNet ICIC for LTE	LTE_CA_HetNet_ICI	2	Rel-11	R3,R1,R2	18/03/2011	15/06/2012	5%	<a href="#">RP-110437</a>	Nokia Siemer	-		
##	197	450016	<b>UE Over The Air (Antenna) conformance testing method</b>	UEAnt_FSTest	1	Rel-11	R4,R5	18/09/2009	15/06/2012	53%	<a href="#">RP-090778</a>	CATR	RP#51 moved to Rel-11		
##	198	450116	Core part: UE Over The Air (Antenna) conformance testing	UEAnt_FSTest	2	Rel-11	R4	18/09/2009	16/09/2011	80%	<a href="#">RP-090778</a>	CATR	RP#51 moved to Rel-11		
##	199	520011	Test part: UE Over The Air (Antenna) conformance testing	UEAnt_FSTest-UECc	2	Rel-11	R5	03/06/2011	15/06/2012	0%	<a href="#">RP-110629</a>	ZTE	-		
##	200	500019	<b>Eight carrier HSDPA</b>	8C_HSDPA	1	Rel-11	R1,R2,R3,	10/12/2010	07/12/2012	13%	<a href="#">RP-101419</a>	Ericsson	Stage 3		
##	201	500119	Core part: Eight carrier HSDPA	8C_HSDPA-Core	2	Rel-11	R1,R2,R3,	10/12/2010	15/06/2012	30%	<a href="#">RP-101419</a>	Ericsson	-		
##	202	500219	Perf. part: Eight carrier HSDPA	8C_HSDPA-Perf	2	Rel-11	R4	10/12/2010	07/12/2012	0%	<a href="#">RP-101419</a>	Ericsson	-		
##	203	500021	<b>UE demodulation performance requirements under interference</b>	LCR_TDD_UE_demo	1	Rel-11	R4	10/12/2010	16/09/2011	70%	<a href="#">RP-101436</a>	China Mobile	Stage 3		
##	204	500121	Perf. part: UE demodulation performance requirements	LCR_TDD_UE_demo	2	Rel-11	R4	10/12/2010	16/09/2011	70%	<a href="#">RP-101436</a>	China Mobile	-		
##	205	500022	<b>Uplink Transmit Diversity for HSPA</b>	HSPA_UL_TxDiv	1	Rel-11	R1,R4,R2,	10/12/2010	14/09/2012	9%	<a href="#">RP-110374</a>	Huawei	Stage 2/3		
##	206	500122	Core part: Uplink Transmit Diversity for HSPA - Closed Loop	HSPA_UL_TxDiv-CL	2	Rel-11	R1,R4,R2,	10/12/2010	16/03/2012	40%	<a href="#">RP-110374</a>	Huawei	-		
##	207	500222	Perf. part: Uplink Transmit Diversity for HSPA - Closed Loop	HSPA_UL_TxDiv-CL	2	Rel-11	R4	10/12/2010	14/09/2012	0%	<a href="#">RP-110374</a>	Huawei	-		
##	208	500322	Core part: Uplink Transmit Diversity for HSPA - Open Loop	HSPA_UL_TxDiv-OL	2	Rel-11	R4,R1,R2,	10/12/2010	16/03/2012	5%	<a href="#">RP-110374</a>	Huawei	RP#51 updated WID RP-101438=>R		
##	209	500422	Perf. part: Uplink Transmit Diversity for HSPA - Open Loop	HSPA_UL_TxDiv-OL	2	Rel-11	R4	10/12/2010	14/09/2012	0%	<a href="#">RP-110374</a>	Huawei	-		
##	210	510018	<b>Introduction of New Configuration for 4C-HSDPA</b>	4C_HSDPA_Config	1	Rel-11	R4,R2	18/03/2011	07/12/2012	0%	<a href="#">RP-110308</a>	Telus Comm	RP#52 delayed by 6 months		
##	211	510118	Core part: Introduction of New Configuration for 4C-HSDPA	4C_HSDPA_Config-C	2	Rel-11	R4,R2	18/03/2011	15/06/2012	0%	<a href="#">RP-110308</a>	Telus Comm.	RP#52 completion 12/11=>06/12		
##	212	510218	Perf. part: Introduction of New Configuration for 4C-HSDPA	4C_HSDPA_Config-F	2	Rel-11	R4,R2	18/03/2011	07/12/2012	0%	<a href="#">RP-110308</a>	Telus Comm.	RP#52 completion 06/12=>12/12		
##	213	510019	<b>Non-contiguous 4C-HSDPA operation</b>	NC_4C_HSDPA	1	Rel-11	R4,R2,R3	18/03/2011	07/12/2012	0%	<a href="#">RP-110416</a>	Ericsson	UTRA		
##	214	510119	Core part: Non-contiguous 4C-HSDPA operation	NC_4C_HSDPA-Core	2	Rel-11	R4,R2,R3	18/03/2011	15/06/2012	0%	<a href="#">RP-110416</a>	Ericsson	-		
##	215	510219	Perf. part: Non-contiguous 4C-HSDPA operation	NC_4C_HSDPA-Perf	2	Rel-11	R4	18/03/2011	07/12/2012	0%	<a href="#">RP-110416</a>	Ericsson	-		

ID	ID	Unique_IC	Name	Acronym	utili leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														May	Qtr 3, 2011 Jul
##	216	510020	<a href="#">Further Enhancements to CELL_FACH</a>	Cell_FACH_enh	1	Rel-11	R1,R2,R3,	18/03/2011	07/12/2012	1%	<a href="#">RP-110913</a>	Qualcomm	Stage 2/3		
##	217	510120	Core part: Further Enhancements to CELL_FACH	Cell_FACH_enh-Core	2	Rel-11	R2,R1,R3,	18/03/2011	15/06/2012	2%	<a href="#">RP-110913</a>	Qualcomm	RP#52 updated WID RP-110436=>R		
##	218	510220	Perf. part: Further Enhancements to CELL_FACH	Cell_FACH_enh-Perf	2	Rel-11	R4	18/03/2011	07/12/2012	0%	<a href="#">RP-110913</a>	Qualcomm	-		
##	219	520015	<a href="#">LTE Advanced Carrier Aggregation in Band 38</a>	LTE_CA_B38	1	Rel-11	R4	03/06/2011	07/12/2012	0%	<a href="#">RP-110862</a>	Huawei	Stage 3		
##	220	520115	Core part: LTE Advanced Carrier Aggregation in Band 38	LTE_CA_B38-Core	2	Rel-11	R4	03/06/2011	21/09/2012	0%	<a href="#">RP-110862</a>	Huawei	36.101, 36.104, 36.133, 36.141, 36.3		
##	221	520215	Perf. part: LTE Advanced Carrier Aggregation in Band 38	LTE_CA_B38-Perf	2	Rel-11	R4	03/06/2011	07/12/2012	0%	<a href="#">RP-110862</a>	Huawei	36.101, 36.104, 36.133, 36.141, 36.3		
##	222	520016	<a href="#">LTE Advanced Carrier Aggregation in Band 41</a>	LTE_CA_B41	1	Rel-11	R4	03/06/2011	07/12/2012	0%	<a href="#">RP-110673</a>	Clearwire	Stage 3 linked to Rel-10 Carrier Ag		
##	223	520116	Core part: LTE Advanced Carrier Aggregation in Band 41	LTE_CA_B41-Core	2	Rel-11	R4	03/06/2011	21/09/2012	0%	<a href="#">RP-110673</a>	Clearwire	36.101, 36.104, 36.133, 36.141, 36.3		
##	224	520216	Perf. part: LTE Advanced Carrier Aggregation in Band 41	LTE_CA_B41-Perf	2	Rel-11	R4	03/06/2011	07/12/2012	0%	<a href="#">RP-110673</a>	Clearwire	36.101, 36.104, 36.133, 36.141, 36.3		
##	225	520017	<a href="#">LTE for 700 MHz Digital Dividend</a>	LTE_APAC700	1	Rel-11	R4,R2,R3	03/06/2011	07/12/2012	0%	<a href="#">RP-110875</a>	Ericsson	Stage 3 Asian Pacific American Ca		
##	226	520117	Core part: LTE for 700 MHz Digital Dividend	LTE_APAC700-Core	2	Rel-11	R4,R2,R3	03/06/2011	21/09/2012	0%	<a href="#">RP-110875</a>	Ericsson	25.461, 25.466, 36.101, 36.104, 36.1		
##	227	520217	Perf. part: LTE for 700 MHz Digital Dividend	LTE_APAC700-Perf	2	Rel-11	R4	03/06/2011	07/12/2012	0%	<a href="#">RP-110875</a>	Ericsson	36.133, 36.141, 37.141		
##	228	480004	<a href="#">(Small) Technical Enhancements and Improvements</a>	TE111	1	Rel-11	All	10/06/2010	23/12/2011	20%	<a href="#">not applicable</a>	-	SP#50 EU-Alert is introduced under		
##	229	0	<a href="#">Release 11 Studies</a>	-	1	Rel-11	SP,GP	10/12/2009	20/06/2012	38%	-	-	-		
##	230	450047	<a href="#">Study on IMS based Peer-to-Peer Content Distribution</a>	FS_IMS_P2P	1	Rel-11	S1,S2	12/05/2009	10/06/2010	100%	<a href="#">SP-090491</a>	China Mobile	SP#48 completed		
##	231	460024	<a href="#">Study on Non Voice Emergency Services</a>	FS_NOVES	1	Rel-11	S1	10/12/2009	16/09/2011	95%	<a href="#">SP-090897</a>	Qualcomm	SP#52 completion 06/11=>09/11. Spi		
##	232	460025	<a href="#">Study on UICC/USIM enhancements</a>	FS_U2e	1	Rel-11	S1	10/12/2009	21/09/2011	55%	<a href="#">SP-090852</a>	Giesecke & D	SP#51 completion 03/11=>09/11. Trig		
##	233	470020	<a href="#">Study on Alternatives to E.164 for Machine-Type Communication</a>	FS_AMTC	1	Rel-11	S1	25/03/2010	21/09/2011	40%	<a href="#">SP-100198</a>	T-Mobile USA	SP#51 completion 06/11=>09/11. Det		
##	234	480032	<a href="#">Study on enhancements for Machine-Type Communication</a>	FS_MTCe	1	Rel-11	S1	10/06/2010	21/09/2011	40%	<a href="#">SP-100448</a>	Huawei	SP#51 completion 06/11=>09/11. Stu		
##	235	480033	<a href="#">Study on Support for 3GPP Voice Interworking with IMS</a>	FS_VINE	1	Rel-11	S1,S2	23/09/2010	23/03/2011	100%	<a href="#">SP-100411</a>	Tatara Syster	SP#51 TR 22.809 approved. Support		
##	236	490033	<a href="#">Study on IMS Network-Independent Public User Identity</a>	FS_INIPUI	1	Rel-11	S1	23/09/2010	08/06/2011	100%	<a href="#">SP-100652</a>	Vodafone	SP#52 completed		
##	237	490035	<a href="#">Study on Integration of Single Sign-On (SSO) framework</a>	FS_SSO_Int	1	Rel-11	S1	23/09/2010	21/09/2011	60%	<a href="#">SP-100640</a>	InterDigital	SP#51 completion 06/11=>09/11. Lin		
##	238	500035	<a href="#">Study on Continuity of Data Sessions to Local Network</a>	FS_CSN	1	Rel-11	S1	16/12/2010	21/09/2011	80%	<a href="#">SP-1100abc</a>	NEC	SP#52 updated WID SP-100885=> ?		
##	239	500036	<a href="#">Study on non-MTC Mobile Data Applications Impact</a>	FS_MODAL	1	Rel-11	S1	16/12/2010	21/09/2011	60%	<a href="#">SP-100889</a>	Huawei, Chin	Linked to UID_490036 SA2 Rel-11 TF		
##	240	410041	<a href="#">Study on IMS Evolution</a>	FS_eIMS	1	Rel-11	S2	18/09/2008	21/09/2011	85%	<a href="#">SP-100360</a>	China Mobile	SP#51 moved to Rel-11		
##	241	410043	<a href="#">Study on Multi Access PDN connectivity and IP flow</a>	FS_MAPIM	1	Rel-11	S2,S1	18/09/2008	21/09/2011	75%	<a href="#">SP-080560</a>	Qualcomm	SP#51 moved to Rel-11. Spin-off UID		
##	242	440047	<a href="#">Study on Policy solutions and enhancements</a>	FS_PP	1	Rel-11	S2,S1	04/06/2009	08/06/2011	100%	<a href="#">SP-090895</a>	AT&T	SP#52 completed		
##	243	440048	<a href="#">Study on IPv6 Migration</a>	FS_IP6M	1	Rel-11	S2	04/06/2009	08/06/2011	100%	<a href="#">SP-090362</a>	China Mobile	SP#52 completed		
##	244	490034	<a href="#">Study on IMS based Peer-to-Peer Content Distribution</a>	FS_IMS_P2P_CDS	1	Rel-11	S2,S1	23/09/2010	15/12/2011	25%	<a href="#">SP-100567</a>	China Mobile	Triggered by TR 22.906 SA1 Study on		
##	245	460030	<a href="#">Study on Single Radio Voice Call Continuity from UTRAN</a>	FS_rSRVCC	1	Rel-11	S2	10/12/2009	21/09/2011	90%	<a href="#">SP-090806</a>	Orange	SP#51 moved to Rel-11. Study on "re		
##	246	490036	<a href="#">Study on Core Network Overload solutions</a>	FS_CNO	1	Rel-11	S2	23/09/2010	15/12/2011	60%	<a href="#">SP-100651</a>	Huawei	Linked to CT4 UID_490014 Study on		
##	247	500037	<a href="#">Study on System Enhancements for Energy Efficiency</a>	FS_SEEE	1	Rel-11	S2	16/12/2010	15/12/2011	15%	<a href="#">SP-100888</a>	Huawei	Linked to SA5, CT, (GE(RAN) studies		
##	248	510061	<a href="#">Study on S2a Mobility based On GTP and WLAN access</a>	FS_SaMOG	1	Rel-11	S2	23/03/2011	15/12/2011	35%	<a href="#">SP-110221</a>	ZTE	Linked to Rel-8 UID_350027 SAE for		
##	249	510044	<a href="#">Study on Roaming Architecture for Voice over IMS</a>	FS_RAVEL	1	Rel-11	S2	23/03/2011	15/12/2011	25%	<a href="#">SP-110087</a>	Deutsche Tel	Linked to Rel-11 OSCAR (Optimized		
##	250	520035	<a href="#">Study on Usage Monitoring Control Enhancement</a>	FS_UMONC	1	Rel-11	S2,S1,S5	03/01/2000	07/07/2000	0%	<a href="#">SP-110349</a>	ZTE, Huawei	-		
##	251	380084	<a href="#">Study on UTRAN key management enhancements</a>	FS_UKM	1	Rel-11	S3	20/12/2007	21/09/2011	90%	<a href="#">SP-090283</a>	Ericsson	SP#52 completion 06/11=>09/11. SP		
##	252	480043	<a href="#">Study on Extended IMS Media Plane Security features</a>	FS_eMEDIASEC	1	Rel-11	S3	10/06/2010	21/09/2011	60%	<a href="#">SP-100256</a>	Vodafone	SP#52 completion 06/11=>09/11. Cor		
##	253	480048	<a href="#">Study on Single Sign On (SSO) Application Security</a>	FS_SSO_APS	1	Rel-11	S3	10/06/2010	21/09/2011	80%	<a href="#">SP-100639</a>	Nokia	SP#52 TR 33.914 v100 for Informatio		
##	254	500034	<a href="#">Study on Security aspects of Integration of Single Sign On</a>	FS_SSO_Int_Sec	1	Rel-11	S3	16/12/2010	21/09/2011	15%	<a href="#">SP-100734</a>	Ericsson	Linked to SA1 FS_SSO_Int (Study Int		
##	255	520036	<a href="#">Study on Mobile 3D Video Coding</a>	FS_M3DVC	1	Rel-11	S4	08/06/2011	21/03/2012	0%	<a href="#">SP-110310</a>	Orange	Extends Rel-10 work on 3D video for		
##	256	470050	<a href="#">Study on version handling</a>	FS_OAM_VH	1	Rel-11	S5	25/03/2010	08/06/2011	65%	<a href="#">SP-100082</a>	Ericsson	SP#52 completion 06/11=>12/11		
##	257	480047	<a href="#">Study on Management of Converged Networks</a>	FS_ManCon	1	Rel-11	S5	10/06/2010	14/12/2011	20%	<a href="#">SP-100377</a>	Nokia Siemer	SP#51 moved to Rel-11. Completion		
##	258	490039	<a href="#">Study on User Data Convergence (UDC) information</a>	FS_UDC_AppUseCa	1	Rel-11	S5	23/09/2010	14/12/2011	40%	<a href="#">SP-110127</a>	Alcatel-Lucen	SP#51 updated WID SP-100502=>SF		

ID	ID	Unique_IC	Name	Acronym	utili leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	259	510045	<a href="#">Study on OAM aspects of inter-RAT Energy Saving</a>	FS_OAM_ES_iRAT	1	Rel-11	S5	23/03/2011	14/12/2011	10%	<a href="#">SP-110138</a>	Nokia Siemer	Triggered by Rel-10 UID_430044 TR		
##	260	510046	<a href="#">Study on management of Heterogeneous Networks</a>	FS_OAM_HetNet	1	Rel-11	S5	23/03/2011	14/12/2011	0%	<a href="#">SP-110140</a>	Ericsson	-		
##	261	480015	<a href="#">Study on impacts on UE-Core Network signalling frc</a>	FS_UE-CN_ES	1	Rel-11	C1	04/06/2010	03/06/2011	100%	<a href="#">CP-100330</a>	NEC	CP#52 completed. Linked to SA5 UID		
##	262	490014	<a href="#">Study on EPC Nodes Restoration</a>	FS_EPC_NR	1	Rel-11	C4	17/09/2010	16/09/2011	79%	<a href="#">CP-100700</a>	ZTE	Continue work in Rel-11 especially to		
##	263	460001	<a href="#">Study on GERAN improvements for Machine-Type C</a>	FS_NIMTC_GERAN	1	Rel-11	G1,G2	24/05/2010	02/03/2012	20%	<a href="#">GP-092418</a>	Ericsson	GP#50 completion 09/11=>03/12. GP		
##	264	480003	<a href="#">Study on Signal Precoding enhancements for EGPR</a>	FS_SPEED	1	Rel-11	G1,G2	03/09/2010	25/11/2011	70%	<a href="#">GP-101088</a>	Ericsson	GP#50 completion 09/11=>11/11. GP		
##	265	490006	<a href="#">Study on Solutions for GSM/EDGE BTS Energy Savi</a>	FS_Energy_BTS	1	Rel-11	G1,G2	03/09/2010	02/09/2011	25%	<a href="#">GP-101638</a>	Nokia Siemer	GP#47 approved WID		
##	266	520001	<a href="#">Study on Voice services over Adaptive Multi-user ch</a>	FS_eVAMOS	1	Rel-11	GP,G2,G1	20/05/2011	18/05/2012	0%	<a href="#">GP-110991</a>	China Mobile	GP#50 approved WID. Triggered by f		
##	267	520002	<a href="#">Study on GERAN enhancements for Mobile Data App</a>	FS_GERAN_eMDA	1	Rel-11	G2,G1	20/05/2011	02/03/2012	0%	<a href="#">GP-110999</a>	Huawei	GP#50 approved WID. Triggered by f		
##	268	470014	<a href="#">Study on Coordinated Multi-Point operation for LTE</a>	FS_CoMP_LTE	1	Rel-11	R1,R2,R3	10/12/2010	15/09/2011	50%	<a href="#">RP-101425</a>	Samsung	RP#52 TR 36.819 v100 for Informatio		
##	269	480028	<a href="#">Study on Signalling and procedure for interference a</a>	FS_SPIA_IDC	1	Rel-11	R2,R4	04/06/2010	16/09/2011	95%	<a href="#">RP-100671</a>	China Mobile	RP#52 moved from Rel-10 to Rel-11.		
##	270	500016	<a href="#">Study on Inclusion of RF Pattern Matching Technolo</a>	FS_LCS_LTE_RFPM	1	Rel-11	R4	10/12/2010	09/12/2011	15%	<a href="#">RP-110385</a>	Polaris Wirele	LTE RP#51 updated WID RP-10144/		
##	271	510034	<a href="#">Study on HetNet mobility enhancements for LTE</a>	FS_HetNet_eMOB_L	1	Rel-11	R2,R1,R3,	18/03/2011	09/12/2011	10%	<a href="#">RP-110709</a>	Alcatel-Lucen	LTE RP#52 updated WID RP-110438		
##	272	510035	<a href="#">Study on Enhanced Uplink Transmission for LTE</a>	FS_eUL_TX_LTE	1	Rel-11	R1	18/03/2011	09/12/2011	0%	<a href="#">RP-110448</a>	Huawei	LTE		
##	273	510037	<a href="#">Study on further Downlink MIMO enhancements for</a>	FS_LTE_eDL_MIMO	1	Rel-11	R1	18/03/2011	09/12/2011	5%	<a href="#">RP-110457</a>	Alcatel-Lucen	LTE		
##	274	510038	<a href="#">Study on Interference analysis between 800~900 MHz</a>	FS_B800_B900_Inter	1	Rel-11	R4	18/03/2011	16/09/2011	0%	<a href="#">RP-110447</a>	LG Uplus	LTE		
##	275	510039	<a href="#">Study on Further Enhancements to LTE TDD for DL-</a>	FS_LTE_TDD_eIMTA	1	Rel-11	R1,R4	18/03/2011	16/03/2012	0%	<a href="#">RP-110450</a>	CATT	LTE		
##	276	430020	<a href="#">Study on Measurement of Radiated Performance for</a>	FS_HSPA_LTE_mea	1	Rel-11	R4	06/03/2009	09/12/2011	65%	<a href="#">RP-090352</a>	Vodafone	UTRA, LTE RP#52 moved from Rel-1		
##	277	440016	<a href="#">Study on Extending 850 MHz</a>	FS_e850	1	Rel-11	R4	30/05/2009	16/09/2011	75%	<a href="#">RP-090666</a>	Ericsson	UTRA, LTE RP#52 moved from Rel-1		
##	278	450015	<a href="#">Study on RAN improvements for Machine-Type Com</a>	FS_NIMTC_RAN	1	Rel-11	R2,R1,R3,	18/09/2009	16/09/2011	45%	<a href="#">RP-100330</a>	Huawei	RP#52 moved to Rel-11 (No WID cha		
##	279	500002	<a href="#">Study on UE Application Layer Data Throughput Per</a>	FS_UE_App_Data_P	1	Rel-11	R5,R4	10/12/2010	15/09/2011	60%	<a href="#">RP-101422</a>	Spirent	UTRA, LTE RP#52 TR 37.901 v100 fi		
##	280	510036	<a href="#">Study on further enhancements for HNB and HeNB</a>	FS_EHNB_enh	1	Rel-11	R3,R2	18/03/2011	09/12/2011	10%	<a href="#">RP-110456</a>	Alcatel-Lucen	UTRA, LTE		
##	281	500014	<a href="#">Study on Uplink MIMO</a>	FS_UTRA_UL_MIMC	1	Rel-11	R1	10/12/2010	15/09/2011	80%	<a href="#">RP-101432</a>	Qualcomm	UTRA		
##	282	500015	<a href="#">Study on HSDPA Multipoint Transmission</a>	FS_HSDPA_MP_TX	1	Rel-11	R1,R2,R3	10/12/2010	16/09/2011	80%	<a href="#">RP-101439</a>	Nokia Siemer	RP#52 TR 25.872 v100 for Informatio		
##	283	520018	<a href="#">Study on UMTS/LTE in 900 MHz band (Japan, Korea,</a>	FS_UTRA_LTE_900M	1	Rel-11	R4	03/06/2011	15/09/2011	0%	<a href="#">RP-110901</a>	NTT DoCoMo	UTRA, LTE Possible RAN#53 new W		
##	284	0	<b>Release 10 Features</b>	-	1	Rel-10	CP,GP,RP	11/12/2008	08/06/2011	80%	-	-	-		
##	285	390073	<b>Enhancements for Multimedia Priority Service</b>	eMPS	1	Rel-10	S1,S2,C4,I	13/03/2006	18/03/2011	100%	<a href="#">SP-080051</a>	Telcordia	CP#51 completed. SP#49 moved Si		
##	286	390074	<b>Stage 1 on enhancements for Multimedia Priority Servi</b>	ePRIOR	2	Rel-10	S1	13/03/2006	05/06/2008	100%	<a href="#">SP-080051</a>	Telcordia	ePRIOR started Mar 2006 as a Rel-8		
##	287	460029	<b>Stage 2 on enhancements for Multimedia Priority Servi</b>	eMPS	2	Rel-10	S2	10/12/2009	23/09/2010	100%	<a href="#">SP-100647</a>	Telcordia, N	SP#49 completed. Updated WID SP		
##	288	460329	Stage 2 on eMPS for CSFB	eMPS	3	Rel-10	S2	10/12/2009	23/09/2010	100%	<a href="#">SP-100647</a>	Telcordia, NT	SP#49 completed		
##	289	460429	Stage 2 on eMPS for EPS Bearer Service	eMPS	3	Rel-10	S2	10/12/2009	23/09/2010	100%	<a href="#">SP-100647</a>	Telcordia, NT	SP#49 completed		
##	290	460529	Stage 2 on eMPS for IMS Aspects	eMPS	3	Rel-10	S2	10/12/2009	23/09/2010	100%	<a href="#">SP-100647</a>	Telcordia, NT	SP#49 completed		
##	291	460229	<i>Deleted - TR 23.854 on Stage 2 on enhancements for Multi</i>	eMPS	2	Rel-10	S2	10/12/2009	16/12/2010	100%	<a href="#">SP-100647</a>	Telcordia, NT	SP#49 TR 23.854 v100 for Informatio		
##	292	490008	<b>Stage 3 on enhancements for Multimedia Priority Servi</b>	eMPS-CN	2	Rel-10	C4,C3,C1	17/09/2010	18/03/2011	100%	<a href="#">CP-100878</a>	Ericsson	CP#51 completed		
##	293	490108	CT4 part on Stage 3 on enhancements for Multimedia Priorit	eMPS-CN	3	Rel-10	C4	17/09/2010	18/03/2011	100%	<a href="#">CP-100878</a>	Ericsson	CP#51 completed		
##	294	490208	CT3 part on Stage 3 on enhancements for Multimedia Priorit	eMPS-CN	3	Rel-10	C3	17/09/2010	18/03/2011	100%	<a href="#">CP-100878</a>	Ericsson	CP#51 completed		
##	295	490308	CT1 part on Stage 3 on enhancements for Multimedia Priorit	eMPS-CN	3	Rel-10	C1	17/09/2010	18/03/2011	100%	<a href="#">CP-100878</a>	Ericsson	CP#51 completed		
##	296	410030	<b>Network Improvements for Machine-Type Communi</b>	NIMTC	1	Rel-10	S1,S2,C1,I	18/09/2008	02/09/2011	97%	<a href="#">SP-100863</a>	KPN	SP#50 updated WID SP-090832=>S		
##	297	410031	<b>Stage 1 for Network Improvements for Machine-Type C</b>	NIMTC	2	Rel-10	S1	18/09/2008	25/03/2010	100%	<a href="#">SP-100863</a>	KPN	SA#47 completed		
##	298	450028	<i>Deleted - TR on Stage 2 for Network Improvements for Machine-Type C</i>	NIMTC	2	Rel-10	S2	24/09/2009	16/12/2010	100%	<a href="#">SP-100863</a>	Samsung	SP#50 updated WID SP-090832=>Si		
##	299	490037	<b>Stage 2 for Network Improvements for Machine-Type C</b>	NIMTC	2	Rel-10	S2	30/08/2010	23/09/2010	100%	<a href="#">SP-100863</a>	Samsung	SP#49 completed. SP#50 updated W		
##	300	460023	<i>Deleted - Security for Network Improvements for Machine-Type Commu</i>	NIMTC	2	Rel-10	S3	10/12/2009	23/09/2010	100%	<a href="#">SP-100863</a>	Samsung	SP#49 stopped (activity moved to Re		
##	301	480005	<b>CN part of Stage 3 for Network Improvements for Mach</b>	NIMTC	2	Rel-10	C1,C4,C3,	04/06/2010	03/06/2011	100%	<a href="#">CP-110442</a>	Ericsson	CP#52 completed. Updated WID CF		

ID	ID	Jnique_IC	Name	Acronym	utili _eve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	302	480105	CT1 part of Stage 3 for Network Improvements for Machine-	NIMTC	3	Rel-10	C1	04/06/2010	03/06/2011	100%	<a href="#">CP-110442</a>	Ericsson	CP#52 completed		
##	303	480205	Deleted - CT3 part of Stage 3 for Network Improvements for	NIMTC	3	Rel-10	C3	04/06/2010	03/06/2011	100%	<a href="#">CP-110442</a>	Ericsson	CP#52 stopped (SA2 decided to mov		
##	304	480305	CT4 part of Stage 3 for Network Improvements for Machine-	NIMTC	3	Rel-10	C4	04/06/2010	03/06/2011	100%	<a href="#">CP-110442</a>	Ericsson	CP#52 completed. SA2 decided to m		
##	305	510005	CT6 part of Stage 3 for Network Improvements for Machine-	NIMTC	3	Rel-10	C6	18/03/2011	03/06/2011	100%	<a href="#">not applicable</a>	Sagem-Orga	CP#52 completed. Work on (U)SIM C		
##	306	510040	Charging for Network Improvements for Machine-Type	NIMTC-CH	2	Rel-10	S5	21/03/2011	23/03/2011	100%	<a href="#">SP-110136</a>	Ericsson	SP#51 completed		
##	307	490003	GERAN part of Network Improvements for Machine-Typ	NIMTC	2	Rel-10	G2	03/09/2010	02/09/2011	75%	<a href="#">GP-101647</a>	Vodafone, Eri	GP#50 completion 05/11=>09/11. GP		
##	308	490024	RAN mechanisms to avoid CN overload due to Machine	NIMTC-RAN_overloa	2	Rel-10	R2,R3	17/09/2010	18/03/2011	100%	<a href="#">RP-101026</a>	Huawei	Stage 3. RP#51 completed		
##	309	430035	Multi Access PDN Connectivity	MAPCON	1	Rel-10	S2,C4,C1,	13/03/2009	18/03/2011	100%	<a href="#">SP-090659</a>	Telecom Itali	CP#51 completed. SP#49 Stage 2 c		
##	310	430135	Stage 2 for Multi Access PDN Connectivity	MAPCON	2	Rel-10	S2	13/03/2009	23/09/2010	100%	<a href="#">SP-090659</a>	Telecom Italia	SP#49 completed. Triggered by TR 2		
##	311	500004	CT aspects of Multi Access PDN Connectivity	MAPCON-St3	2	Rel-10	C4,C1,C3	15/11/2010	18/03/2011	100%	<a href="#">CP-100709</a>	ZTE	CP#51 completed		
##	312	500104	CT4 aspects of Multi Access PDN Connectivity	MAPCON-St3	3	Rel-10	C4	15/11/2010	10/12/2010	100%	<a href="#">CP-100709</a>	ZTE	CP#50 completed		
##	313	500204	CT1 aspects of Multi Access PDN Connectivity	MAPCON-St3	3	Rel-10	C1	10/12/2010	18/03/2011	100%	<a href="#">CP-100709</a>	ZTE	CP#51 completed		
##	314	500304	CT3 aspects of Multi Access PDN Connectivity	MAPCON-St3	3	Rel-10	C3	15/11/2010	18/03/2011	100%	<a href="#">CP-100709</a>	ZTE	CP#51 completed		
##	315	440052	IMS Service Continuity – Inter Device Transfer enhar	IMS_SC_elDT	1	Rel-10	S1,S2,C1	04/06/2009	18/03/2011	100%	<a href="#">SP-090452</a>	Huawei	CP#51 completed. SP#47 Stage 1 c		
##	316	440152	Stage 1 - IMS Service Continuity – Inter Device Transfe	IMS_SC_elDT	2	Rel-10	S1	04/06/2009	25/03/2010	100%	<a href="#">SP-090452</a>	Huawei	SA#47 completed		
##	317	450029	Stage 2 - IMS Inter-UE Transfer enhancements	IMS_SC_elDT	2	Rel-10	S2	24/09/2009	23/09/2010	100%	<a href="#">SP-100167</a>	Huawei	SP#49 completed		
##	318	470001	Stage 3 - IMS Inter-UE Transfer enhancements	IMS_SC_elDT	2	Rel-10	C1	19/03/2010	18/03/2011	100%	<a href="#">CP-110285</a>	Huawei	CP#51 completed. WID updated CP-		
##	319	450030	IP-Short-Message-Gateway enhancements for CPM-	CPM-SMS	1	Rel-10	S1,S2,C3	24/09/2009	17/09/2010	100%	<a href="#">SP-090615</a>	China Mobile	SP#47 Stage 1 completed. IP-SM-G		
##	320	450031	Stage 1 for CPM-SMS	CPM-SMS	2	Rel-10	S1	24/09/2009	25/03/2010	100%	<a href="#">SP-090615</a>	China Mobile	SA#47 completed. External requirem		
##	321	450032	Stage 2 for CPM-SMS	CPM-SMS	2	Rel-10	S2	24/09/2009	25/03/2010	100%	<a href="#">SP-090615</a>	Orange	SP#47 completed		
##	322	460017	Stage 3 for IP-Short-Message-Gateway enhancements f	CPM-SMS	2	Rel-10	C3	04/12/2009	17/09/2010	100%	<a href="#">CP-090859</a>	Ericsson	CP#49 completed. Linked to Rel-8 UI		
##	323	450033	Completion of Communications on Not Logged-in	CCNL	1	Rel-10	S1,C1,C3	24/09/2009	18/03/2011	100%	<a href="#">SP-090493</a>	Deutsche Te	CP#51 completed. SP#45 Stage 1 c		
##	324	450034	Stage 1 for Completion of Communications on Not Log	CCNL	2	Rel-10	S1	24/09/2009	24/09/2009	100%	<a href="#">SP-090493</a>	Deutsche Tel	SP#45 completed		
##	325	470002	CT1 part of Stage 3 for Completion of Communications	CCNL	2	Rel-10	C1	19/03/2010	18/03/2011	100%	<a href="#">CP-100335</a>	Deutsche Tel	CP#51 completed		
##	326	480006	CT3 part of Stage 3 for Completion of Communications	CCNL	2	Rel-10	C3	04/06/2010	17/09/2010	100%	<a href="#">CP-100335</a>	Deutsche Tel	CP#49 completed		
##	327	450035	Local IP Access and Selected Internet IP Traffic Offlo	LIPA_SIPTO	1	Rel-10	S2,S1,S3,S	24/09/2009	23/03/2011	100%	<a href="#">SP-110131</a>	Huawei, Chin	TSG#51 completed. Updated WID S		
##	328	450037	Stage 1 for Local IP Access and Selected Internet IP Tr	LIPA_SIPTO	2	Rel-10	S1	24/09/2009	25/03/2010	100%	<a href="#">SP-110131</a>	Huawei, Chin	SP#47 completed		
##	329	450036	TR on Local IP Access and Selected Internet IP Traffic (	LIPA_SIPTO	2	Rel-10	S2	24/09/2009	18/03/2011	100%	<a href="#">SP-110131</a>	Huawei, Chin	SP#51 completed. TR 23.829 for App		
##	330	450039	Security for Local IP Access and Selected Internet IP Tr	LIPA_SIPTO	2	Rel-10	S3	24/09/2009	23/09/2010	100%	<a href="#">SP-110131</a>	Huawei, Qual	SP#49 completed		
##	331	450040	OAM&P for Local IP Access and Selected Internet IP Tr	LIPA_SIPTO	2	Rel-10	S5	24/09/2009	23/03/2011	100%	<a href="#">SP-110131</a>	Huawei, Chin	SP#51 completed. Updated WID SP-		
##	332	460039	Charging for Local IP Access and Selected Internet IP T	LIPA_SIPTO	2	Rel-10	S5	10/12/2009	23/03/2011	100%	<a href="#">SP-110131</a>	Huawei, Chin	SP#51 completed. Updated WID SP-		
##	333	450138	Stage 2 for Local IP Access	LIPA	2	Rel-10	S2	24/09/2009	23/09/2010	100%	<a href="#">SP-110131</a>	Huawei, Chin	SP#49 completed (has impacts to RA		
##	334	480008	Stage 3 for Local IP Access	LIPA	2	Rel-10	C4,C1	04/06/2010	18/03/2011	100%	<a href="#">CP-100292</a>	China Mobile	CP#51 completed		
##	335	480108	CT4 part of Stage 3 for Local IP Access	LIPA	3	Rel-10	C4	04/06/2010	18/03/2011	100%	<a href="#">CP-100292</a>	China Mobile	CP#51 completed		
##	336	480208	CT1 part of Stage 3 for Local IP Access	LIPA	3	Rel-10	C1	04/06/2010	18/03/2011	100%	<a href="#">CP-100292</a>	China Mobile	CP#51 completed		
##	337	450038	Stage 2 for SIPTO for macro networks	SIPTO	2	Rel-10	S2	24/09/2009	23/09/2010	100%	<a href="#">SP-110131</a>	Huawei, Chin	SP#49 completed (SIPTO GW selecti		
##	338	480007	Stage 3 for SIPTO for macro networks	SIPTO	2	Rel-10	C4,C1	04/06/2010	18/03/2011	100%	<a href="#">CP-110091</a>	Huawei	CP#51 completed. Updated WID CF		
##	339	480107	CT4 part of Stage 3 for SIPTO for macro networks	SIPTO	3	Rel-10	C4	04/06/2010	18/03/2011	100%	<a href="#">CP-110091</a>	Huawei	CP#51 completed. Updated WID CP-		
##	340	480207	CT1 part of Stage 3 for SIPTO for macro networks	SIPTO	3	Rel-10	C1	04/06/2010	10/12/2010	100%	<a href="#">CP-110091</a>	Huawei	CP#50 completed		
##	341	450041	IP Flow Mobility and seamless WLAN offload	IFOM	1	Rel-10	S2,S1,S5,(	24/09/2009	23/03/2011	100%	<a href="#">SP-100089</a>	Qualcomm	Triggered by Rel-10 TR 23.861 (UID		
##	342	450042	Stage 1 for IP Flow Mobility and seamless WLAN offloa	IFOM	2	Rel-10	S1	24/09/2009	10/12/2009	100%	<a href="#">SP-100089</a>	Qualcomm	SP#46completed		
##	343	450043	Stage 2 for IP Flow Mobility and seamless WLAN offloa	IFOM	2	Rel-10	S2	24/09/2009	23/09/2010	100%	<a href="#">SP-100089</a>	Qualcomm	SP#49 completed		
##	344	470021	Charging for IP Flow Mobility and seamless WLAN offic	IFOM	2	Rel-10	S5	25/03/2010	23/03/2011	100%	<a href="#">SP-100089</a>	Alcatel-Lucen	SP#51 completed		

Page 8



ID	ID	Unique_IC	Name	Acronym	utili leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														May	Qtr 3, 2011 Jul
##	345	480009	Stage 3 for IP Flow Mobility and seamless WLAN offload	IFOM-CT	2	Rel-10	C1,C3	04/06/2010	18/03/2011	100%	<a href="#">CP-100715</a>	Qualcomm	CP#51 completed		
##	346	480109	CT1 part of Stage 3 for IP Flow Mobility and seamless WLAN offload	IFOM-CT	3	Rel-10	C1	04/06/2010	18/03/2011	100%	<a href="#">CP-100715</a>	Qualcomm	CP#51 completed		
##	347	480209	CT3 part of Stage 3 for IP Flow Mobility and seamless WLAN offload	IFOM-CT	3	Rel-10	C3	04/06/2010	18/03/2011	100%	<a href="#">CP-100715</a>	Qualcomm	CP#51 completed		
##	348	450044	Enabling Coder Selection and Rate Adaptation for UTRAN	ECSRA_LAA	1	Rel-10	S2,S4,C4,I	24/09/2009	03/06/2011	100%	<a href="#">SP-100467</a>	Qualcomm	CP#52 completed. SP#49 SA2 completed		
##	349	450045	TR on Enabling Coder Selection and Rate Adaptation for UTRAN	ECSRA_LAA	2	Rel-10	S2,S4	24/09/2009	10/06/2010	100%	<a href="#">SP-100467</a>	Qualcomm	SP#48 completed		
##	350	450145	SA4 review of TR on Enabling Coder Selection and Rate Adaptation for UTRAN	ECSRA_LAA	2	Rel-10	S4	24/09/2009	15/12/2010	100%	<a href="#">SP-100467</a>	Qualcomm	SP#50 completed		
##	351	450046	Stage 2 for Enabling Coder Selection and Rate Adaptation for UTRAN	ECSRA_LAA	2	Rel-10	S2	24/09/2009	23/09/2010	100%	<a href="#">SP-100467</a>	Qualcomm	SP#49 completed		
##	352	490038	SA4 aspects of Enabling Coder Selection and Rate Adaptation for UTRAN	ECSRA_LAA	2	Rel-10	S4	23/09/2010	23/03/2011	100%	<a href="#">SP-100467</a>	Qualcomm	SP#51 completed		
##	353	490007	CN aspects of Enabling Coder Selection and Rate Adaptation for UTRAN	ECSRA_LAA-CN	2	Rel-10	C4,C3,C1	17/09/2010	03/06/2011	100%	<a href="#">CP-100702</a>	Ericsson	CP#51 completion 03/11=>06/11 (e)		
##	354	490107	CT4 part of CN aspects of Enabling Coder Selection and Rate Adaptation for UTRAN	ECSRA_LAA-CN	3	Rel-10	C4	17/09/2010	03/06/2011	100%	<a href="#">CP-100702</a>	Ericsson	CP#52 completed		
##	355	490207	CT3 part of CN aspects of Enabling Coder Selection and Rate Adaptation for UTRAN	ECSRA_LAA-CN	3	Rel-10	C3	17/09/2010	03/06/2011	100%	<a href="#">CP-100702</a>	Ericsson	CP#52 completed		
##	356	490307	CT1 part of CN aspects of Enabling Coder Selection and Rate Adaptation for UTRAN	ECSRA_LAA-CN	3	Rel-10	C1	17/09/2010	03/06/2011	100%	<a href="#">CP-100702</a>	Ericsson	CP#52 completed		
##	357	450053	Extended H(e)NB features	EHNBF	1	Rel-10	S1,S2,S3	11/12/2008	23/09/2010	100%	<a href="#">SP-100407</a>	NEC	SP#49 completed. Adds extension:		
##	358	450153	Stage 1 of Extended H(e)NB features	EHNBF	2	Rel-10	S1	24/09/2009	25/03/2010	100%	<a href="#">SP-100407</a>	NEC	SP#47 completed		
##	359	420034	IMS aspects of Architecture for Home NodeB	EHNBF-IMS	2	Rel-10	S2	11/12/2008	25/03/2010	100%	<a href="#">SP-080799</a>	Alcatel-Lucent	SP#47 completed. Chosen solution h		
##	360	480034	Extended H(e)NB Security features (Stage 2)	EHNBF-Sec	2	Rel-10	S3	10/06/2010	23/09/2010	100%	<a href="#">SP-100257</a>	Huawei	SP#49 completed		
##	361	460028	Optimal Media Routing	OMR	1	Rel-10	S2,S5,C3,I	25/03/2010	08/06/2011	99%	<a href="#">SP-090803</a>	Alcatel-Lucent	CP#52 completed. SP#47 Stage 2 c		
##	362	460128	Stage 2 for Optimal Media Routing	OMR	2	Rel-10	S2	25/03/2010	25/03/2010	100%	<a href="#">SP-090803</a>	Alcatel-Lucent	SP#47 completed		
##	363	480010	Stage 3 for Optimal Media Routing	OMR	2	Rel-10	C3,C1,C4	04/06/2010	03/06/2011	100%	<a href="#">CP-110134</a>	Alcatel-Lucent	CP#51 completion 03/11=>06/11. W		
##	364	480110	CT3 part of Stage 3 for Optimal Media Routing	OMR	3	Rel-10	C3	04/06/2010	03/06/2011	100%	<a href="#">CP-110134</a>	Alcatel-Lucent	CP#52 completed		
##	365	480210	CT1 part of Stage 3 for Optimal Media Routing	OMR	3	Rel-10	C1	04/06/2010	18/03/2011	100%	<a href="#">CP-110134</a>	Alcatel-Lucent	CP#51 completed. WID updated CP-		
##	366	480310	Deleted - CT4 part of Stage 3 for Optimal Media Routing	OMR	3	Rel-10	C4	04/06/2010	18/03/2011	100%	<a href="#">CP-110134</a>	Alcatel-Lucent	CP#51 stopped (CT4 specs not impa		
##	367	500013	Charging for Optimal Media Routing	OMR	2	Rel-10	S5	16/12/2010	08/06/2011	100%	<a href="#">SP-100772</a>	Alcatel-Lucent	SP#52 completed. Stage 3: Linked to		
##	368	470026	IMS Emergency Session Enhancements	IESE	1	Rel-10	S1,S2,C1	25/03/2010	03/06/2011	100%	<a href="#">SP-100170</a>	Deutsche Telekom	CP#52 completed. SP#49 complete		
##	369	470027	Stage 1 for IMS Emergency Session Enhancements	IESE	2	Rel-10	S1	25/03/2010	25/03/2010	100%	<a href="#">SP-100170</a>	Deutsche Telekom	SP#47 completed		
##	370	470028	Stage 2 for IMS Emergency Session Enhancements	IESE	2	Rel-10	S2	25/03/2010	23/09/2010	100%	<a href="#">SP-100170</a>	Deutsche Telekom	SP#49 completed		
##	371	500005	Stage 3 for IMS Emergency Session Enhancements	IESE	2	Rel-10	C1	10/12/2010	03/06/2011	100%	<a href="#">CP-100880</a>	Deutsche Telekom	CP#52 completed		
##	372	480037	S2b Mobility based on GTP	SMOG	1	Rel-10	S2,C4,C3,I	10/06/2010	18/03/2011	100%	<a href="#">SP-100357</a>	Alcatel-Lucent	CP#51 completed. SP#49 Stage 2 c		
##	373	480137	Stage 2 for S2b Mobility based on GTP	SMOG	2	Rel-10	S2	10/06/2010	23/09/2010	100%	<a href="#">SP-100357</a>	Alcatel-Lucent	SP#49 completed		
##	374	490009	Stage 3 for S2b Mobility based on GTP	SMOG-Si3	2	Rel-10	C4,C3,C1	17/09/2010	18/03/2011	100%	<a href="#">CP-100644</a>	Alcatel-Lucent	CP#51 Stage 3 completed		
##	375	490109	CT4 part of Stage 3 for S2b Mobility based on GTP	SMOG-Si3	3	Rel-10	C4	17/09/2010	18/03/2011	100%	<a href="#">CP-100644</a>	Alcatel-Lucent	CP#51 completed		
##	376	490209	CT3 part of Stage 3 for S2b Mobility based on GTP	SMOG-Si3	3	Rel-10	C3	17/09/2010	18/03/2011	100%	<a href="#">CP-100644</a>	Alcatel-Lucent	CP#51 completed		
##	377	490309	CT1 part of Stage 3 for S2b Mobility based on GTP	SMOG-Si3	3	Rel-10	C1	17/09/2010	10/12/2010	100%	<a href="#">CP-100644</a>	Alcatel-Lucent	CP#50 completed		
##	378	500006	Policy Enhancements for Sponsored Connectivity and	PEST	1	Rel-10	S2,C3	12/10/2010	18/03/2011	100%	<a href="#">SP-110196</a>	Qualcomm	CP#51 completed. SP#50 Stage 2 c		
##	379	500106	Stage 2 for Policy Enhancements for Sponsored Connectivity	PEST	2	Rel-10	S2	12/10/2010	15/12/2010	100%	<a href="#">SP-110196</a>	Qualcomm	SP#51 updated WID SP-100702=>SF		
##	380	500206	CT3 aspects of Policy Enhancements for Sponsored Connectivity	PEST-CT3	2	Rel-10	C3	10/12/2010	18/03/2011	100%	<a href="#">CP-100860</a>	ZTE	CP#51 completed		
##	381	470029	Lawful Interception in the 3GPP Rel-10	LI10	1	Rel-10	S3	25/03/2010	08/06/2011	100%	<a href="#">SP-100108</a>	PIDS, BT	SP#52 completed		
##	382	470129	LI for CAT (Customer Alerting Tones)	LI10	2	Rel-10	S3	25/03/2010	08/06/2011	100%	<a href="#">SP-100108</a>	PIDS, BT	SP#52 completed		
##	383	470229	LI for CRS (Customized Ringing Signal)	LI10	2	Rel-10	S3	25/03/2010	08/06/2011	100%	<a href="#">SP-100108</a>	PIDS, BT	SP#52 completed		
##	384	470329	LI for EPS enhancements	LI10	2	Rel-10	S3	25/03/2010	08/06/2011	100%	<a href="#">SP-100108</a>	PIDS, BT	SP#52 completed		
##	385	470429	LI for VCC (Voice Call Continuity)	LI10	2	Rel-10	S3	25/03/2010	23/03/2011	100%	<a href="#">SP-100108</a>	PIDS, BT	SP#51 completed		
##	386	470529	LI for MEDIASEC (IMS Media security)	LI10	2	Rel-10	S3	25/03/2010	23/03/2011	100%	<a href="#">SP-100108</a>	PIDS, BT	SP#51 completed		
##	387	470629	LI for H(e)NB also with Local IP Access and Selected IP	LI10	2	Rel-10	S3	25/03/2010	23/03/2011	100%	<a href="#">SP-100108</a>	PIDS, BT	SP#51 completed		

ID	ID	Jnique_IC	Name	Acronym	utili_eve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	388	470729	<b>LI for MBMS_LTE_enh (Multimedia Broadcast and Mult</b>	LI10	2	Rel-10	S3	25/03/2010	23/03/2011	100%	<a href="#">SP-100108</a>	PIDS, BT	SP#51 completed		
##	389	470829	<b>LI for LCLS (Local Call Local Switch)</b>	LI10	2	Rel-10	S3	25/03/2010	23/03/2011	100%	<a href="#">SP-100108</a>	PIDS, BT	SP#51 completed		
##	390	470033	<b>Optimization of IMS based PSS and MBMS User Ser</b>	OPT_IMS_PSS_MBM	1	Rel-10	S4	25/03/2010	23/03/2011	100%	<a href="#">SP-100031</a>	Ericsson	SP#51 completed. Work to enhance l		
##	391	470034	<b>HTTP-based Streaming and Download Services</b>	HTTP_SDS	1	Rel-10	S4	25/03/2010	08/06/2011	100%	<a href="#">SP-100032</a>	Qualcomm	SP#52 completed. Work to enhance l		
##	392	480040	<b>PSS and MBMS enhancements</b>	MBS_Enh	1	Rel-10	S4	10/06/2010	23/03/2011	100%	<a href="#">SP-100305</a>	Ericsson	SP#51 completed. Linked to Rel-9 Fe		
##	393	480041	<b>Enhancements and Addition of Audio Tests to 26.13</b>	EAAT	1	Rel-10	S4	10/06/2010	08/06/2011	100%	<a href="#">SP-100306</a>	Vodafone	SP#52 completed. Reduce fragmenta		
##	394	510055	<b>Video Coding Enhancements in MTSI</b>	VCEM	1	Rel-10	S4	21/03/2011	23/03/2011	100%	<a href="#">SP-110050</a>	Ericsson	SP#51 completed. Linked to Rel-7 UI		
##	395	460031	<b>Rel-10 Operations, Administration, Maintenance and</b>	OAM10	1	Rel-10	S5,C4	10/12/2009	08/06/2011	99%	<a href="#">not applicable</a>	-	umbrella Feature		
##	396	460032	<b>Network Infrastructure Management</b>	OAM10-NIM	2	Rel-10	S5	10/12/2009	08/06/2011	99%	<a href="#">not applicable</a>	-	umbrella BB		
##	397	460033	Common RAT Network Resource Model (NRM)	RAT_NRM_common	3	Rel-10	S5	10/12/2009	08/06/2011	100%	<a href="#">SP-100293</a>	Ericsson	SP#52 completed. Share equipment t		
##	398	470035	IRP Solution Set specification organisation improvements	OAM-IRP-SS	3	Rel-10	S5	25/03/2010	23/03/2011	100%	<a href="#">SP-100774</a>	Nokia Siemer	SP#51 completed		
##	399	470036	<i>Deleted - Service Oriented Architecture (SOA) for IRP continuation i</i>	OAM-SOA-IRP	3	Rel-10	S5	25/03/2010	23/03/2011	100%	<a href="#">SP-100076</a>	Nokia Siemer	SP#51 work stopped (Reason: lack o		
##	400	480042	IRP Overview, Profiles & Usage Guide	OAM-NIM-IRP_OPU	3	Rel-10	S5	10/06/2010	08/06/2011	100%	<a href="#">SP-110277</a>	Nokia Siemer	SP#52 completed. Updated WID SP-		
##	401	510041	Alarm Correlation and Root Cause Analysis	OAM-AC-RCA	3	Rel-10	S5	23/03/2011	08/06/2011	80%	<a href="#">SP-110137</a>	Ericsson	SP#52 completion 06/11=>09/11 (exc		
##	402	510042	Inventory Management Network Resource Model enhancem	OAM-IM-NMR	3	Rel-10	S5	23/03/2011	08/06/2011	100%	<a href="#">SP-110141</a>	Nokia Siemer	SP#52 completed. Inventory NRM sp		
##	403	460034	<b>Self-Organizing Networks (SON) - OAM aspects</b>	OAM10-SON	2	Rel-10	S5	10/12/2009	08/06/2011	100%	<a href="#">not applicable</a>	-	umbrella BB		
##	404	460035	SON Self-optimization management continuation	LTE-SON-OAM_SO	3	Rel-10	S5	10/12/2009	08/06/2011	100%	<a href="#">SP-110130</a>	Huawei	SP#52 completed. Cont'd Rel-9 SON		
##	405	460036	SON Self-healing management	LTE-SON-OAM_SH	3	Rel-10	S5	10/12/2009	23/03/2011	100%	<a href="#">SP-110150</a>	ZTE	SP#51 completed. WID updated SP-1		
##	406	470037	OAM aspects of Energy Saving in Radio Networks	OAM-ES	3	Rel-10	S5	25/03/2010	23/03/2011	100%	<a href="#">SP-110128</a>	Nokia Siemer	SP#51 completed. WID updated SP-1		
##	407	470038	<b>Subscription Management (SuM) evolution</b>	OAM10-SuM	2	Rel-10	S5	25/03/2010	23/03/2011	100%	<a href="#">SP-100086</a>	Ericsson	SP#51 completed		
##	408	470039	<b>Performance Management</b>	OAM10-PM	2	Rel-10	S5,C4	25/03/2010	08/06/2011	100%	<a href="#">not applicable</a>	-	umbrella BB		
##	409	470040	Key Performance Indicators (KPIs) for IMS	OAM-PM-KPI_IMS	3	Rel-10	S5	25/03/2010	23/03/2011	100%	<a href="#">SP-100083</a>	China Mobile	SP#51 completed		
##	410	470041	Key Performance Indicators (KPIs) for EPC	OAM-PM-KPI_EPC	3	Rel-10	S5	25/03/2010	23/03/2011	100%	<a href="#">SP-100084</a>	China Mobile	SP#51 completed		
##	411	470042	<b>Management of UE based network performance measur</b>	OAM-PM-UE	3	Rel-10	S5,C4	25/03/2010	08/06/2011	100%	<a href="#">SP-100612</a>	Huawei, Nok	SP#52 completed. Stage 2/3. Linke		
##	412	470142	Management of UE based network performance measur	OAM-PM-UE	4	Rel-10	S5	25/03/2010	08/06/2011	100%	<a href="#">SP-100612</a>	Huawei, Noki	SP#52 completed		
##	413	510006	CN aspects of Management of UE based network perfor	OAM-PM-UE	4	Rel-10	C4	21/02/2011	18/03/2011	100%	<a href="#">not applicable</a>	Nokia Siemer	CP#51 completed under the SA5 WI r		
##	414	470043	3G HNB and LTE HeNB Subsystem performance measurer	OAM-PM-HeNS	3	Rel-10	S5	25/03/2010	23/03/2011	100%	<a href="#">SP-100081</a>	China Mobile	SP#51 completed		
##	415	470044	<b>Rel-10 Charging Management small Enhancements</b>	CH10	1	Rel-10	S5	04/06/2009	23/03/2011	100%	<a href="#">not applicable</a>	-	umbrella Feature		
##	416	440063	<b>IWLAN mobility charging</b>	eiWLAN_Mob	2	Rel-10	S5	04/06/2009	23/03/2011	100%	<a href="#">SP-100090</a>	Orange	SP#51 completed. RAT differentiation		
##	417	470046	<b>Advice of Charge (AoC) service support enhanceme</b>	eAoC	1	Rel-10	S5,C1	25/03/2010	03/06/2011	100%	<a href="#">SP-100080</a>	Deutsche Te	CP#52 completed. SP#51 complete		
##	418	470047	<b>SA5 part - AoC enhancements</b>	eAoC	2	Rel-10	S5	25/03/2010	23/03/2011	100%	<a href="#">SP-100080</a>	Deutsche Tel	SP#51 completed. SA1 Stage 1 in 22		
##	419	490010	<b>CT1 part - AoC enhancements (Stage 3)</b>	eAoC	2	Rel-10	C1	17/09/2010	03/06/2011	100%	<a href="#">CP-100645</a>	Deutsche Tel	CP#52 completed. SA1 Stage 1 in 22		
##	420	470003	<b>IMS Stage 3 - IETF Protocol Alignment</b>	IMSProtoc4	1	Rel-10	C1	19/03/2010	18/03/2011	100%	<a href="#">CP-100099</a>	Alcatel-Lucen	CP#51 completed. Ensure protocol al		
##	421	480012	<b>Enhanced User Data Convergence (UDC) Model</b>	eUDC	1	Rel-10	C4	04/06/2010	18/03/2011	100%	<a href="#">CP-100295</a>	China Mobile	CP#51 completed. Specify CRUD (Cr		
##	422	480014	<b>Further improvements of II-NNI Stage 3 based on op</b>	II-NNI2	1	Rel-10	C3	04/06/2010	18/03/2011	100%	<a href="#">CP-100326</a>	Orange	CP#51 completed. Improvements of f		
##	423	480013	<b>AT Commands for IMS-configuration</b>	AT_IMS	1	Rel-10	C1	04/06/2010	18/03/2011	100%	<a href="#">CP-100376</a>	Ericsson	CP#51 completed. Specify 1) IMS-rel;		
##	424	490011	<b>AT Commands for USIM Application Toolkit (USAT)</b>	AT_UICC	1	Rel-10	C1	17/09/2010	18/03/2011	100%	<a href="#">CP-100646</a>	ST-Ericsson	CP#51 completed		
##	425	490012	<b>Communication Control for IMS by USIM (Stage 3)</b>	CC_IMS_USIM	1	Rel-10	C6	17/09/2010	18/03/2011	100%	<a href="#">CP-100647</a>	Gemalto	CT#51 completed. Stage 1 in TS 22.0		
##	426	500003	<b>Dynamic view of SIP message for II-NNI (Stage 3)</b>	NNI_DV	1	Rel-10	C3	10/12/2010	03/06/2011	100%	<a href="#">CP-100795</a>	NTT	CP#52 completed. Linked to CT3 Rel		
##	427	500007	<b>Introduction of Smart Card Web Server launch funct</b>	SCWS_L	1	Rel-10	C6	10/12/2010	18/03/2011	100%	<a href="#">CP-100883</a>	Telecom Italia	CP#51 completed. Define a solution v		
##	428	500008	<b>USAT using AT Commands</b>	USAT_AT	1	Rel-10	C6	10/12/2010	18/03/2011	100%	<a href="#">CP-100884</a>	Giesecke & D	CP#51 completed. Stage 3 based on		
##	429	500010	<b>SRVCC enhancements (Stage 3)</b>	eSRVCC	1	Rel-10	C1,C4	10/12/2010	18/03/2011	100%	<a href="#">CP-100881</a>	China Mobile	Triggered by SA2 TR 23.856 Study		
##	430	500110	<b>CT1 part of Stage 3 for SRVCC enhancements - Stage 3</b>	eSRVCC	2	Rel-10	C1	10/12/2010	18/03/2011	100%	<a href="#">CP-100881</a>	China Mobile	CP#51 completed		

Page 10

ID	ID	Jnique_IC	Name	Acronym	utilit _leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	431	500210	CT4 part of Stage 3 for SRVCC enhancements - Stage 3	eSRVCC	2	Rel-10	C4	10/12/2010	18/03/2011	100%	<a href="#">CP-100881</a>	China Mobile	CP#51 completed		
##	432	500011	SRVCC in alerting phase (Stage 3)	aSRVCC	1	Rel-10	C1	10/12/2010	03/06/2011	100%	<a href="#">CP-110145</a>	ZTE	CP#52 completed. Builds on Rel-8 UI		
##	433	500012	PCRF failure and restoration	PCRF_FR	1	Rel-10	C4,C3	10/12/2010	18/03/2011	100%	<a href="#">CP-100703</a>	NEC	CP#51 completed. Triggered by CT		
##	434	500112	CT4 part of PCRF failure and restoration	PCRF_FR	2	Rel-10	C4	10/12/2010	18/03/2011	100%	<a href="#">CP-100703</a>	NEC	CP#51 completed		
##	435	500212	CT3 part of PCRF failure and restoration	PCRF_FR	2	Rel-10	C3	10/12/2010	18/03/2011	100%	<a href="#">CP-100703</a>	NEC	CP#51 completed		
##	436	510002	Formalization of WLAN Files	FoWF	1	Rel-10	C1	23/02/2011	18/03/2011	100%	<a href="#">CP-110288</a>	Deutsche Tel	CP#51 completed. TS 24.235 for Info		
##	437	510007	CS and IMS Interworking for CAT service - Early Ses	CIIC_ES	1	Rel-10	C3	16/03/2011	03/06/2011	100%	<a href="#">CP-110283</a>	ZTE	CP#52 completed. Stage 1 in Rel-8 T		
##	438	510008	EPC Node Restoration (without Idle mode Signalling	EPC_NR	1	Rel-10	C4	16/03/2011	18/03/2011	100%	<a href="#">CP-110092</a>	Alcatel-Lucen	CP#51 completed. Triggered by DRA		
##	439	510108	EPC Node Restoration with Idle mode Signalling Re	EPC_NR_ISR	1	Rel-10	C4	16/03/2011	03/06/2011	100%	<a href="#">CP-110287</a>	NEC	CP#52 completed. Triggered by DRA		
##	440	510009	Mobile Terminating Roaming Forwarding with pre-p	MTRF	1	Rel-10	C4	16/03/2011	03/06/2011	100%	<a href="#">CP-110093</a>	Ericsson	CP#52 completed. Provides Stage 2/		
##	441	510010	UICC access to IMS Specification	IMS-UICC-S	1	Rel-10	C6,C1	16/03/2011	03/06/2011	100%	<a href="#">CP-110279</a>	Gemalto	CP#52 completed. Triggered by Re		
##	442	510110	CT6 part of UICC access to IMS Specification	IMS-UICC-S	2	Rel-10	C6	16/03/2011	18/03/2011	100%	<a href="#">CP-110279</a>	Gemalto	CP#51 completed		
##	443	510210	CT1 part of UICC access to IMS Specification	IMS-UICC-S	2	Rel-10	C1	16/03/2011	03/06/2011	100%	<a href="#">CP-110279</a>	Gemalto	CP#52 completed		
##	444	440021	CN aspects of Local Call Local Switch	LCLS-CN	1	Rel-10	C4	29/05/2009	18/03/2011	100%	<a href="#">CP-100867</a>	Vodafone	CP#51 completed		
##	445	440022	TR on CN aspects of Local Call Local Switch	LCLS-CN	2	Rel-10	C4	29/05/2009	16/09/2010	100%	<a href="#">CP-100867</a>	Vodafone	CT#49 completed		
##	446	490013	CN aspects of Local Call Local Switch	LCLS-CN	2	Rel-10	C4	17/09/2010	18/03/2011	100%	<a href="#">CP-100867</a>	Vodafone	CP#51 completed		
##	447	440023	Deleted - CT3 aspects of Local Call Local Switch	LCLS-CN	2	Rel-10	C3	29/05/2009	16/09/2010	100%	<a href="#">CP-090812</a>	Vodafone	CP#49 stopped. Result of stuc		
##	448	440024	Deleted - CT1 aspects of Local Call Local Switch	LCLS-CN	2	Rel-10	C1	29/05/2009	16/09/2010	100%	<a href="#">CP-090812</a>	Vodafone	CP#49 stopped. Result of stuc		
##	449	430001	Local Call Local Switch	LCLS	1	Rel-10	GP,G2	07/05/2007	20/05/2011	100%	<a href="#">GP-101989</a>	Huawei	GP#50 completed. GP#41 WID appr		
##	450	480002	Tightened Link Level Performance Requirements for	TIGHTER	1	Rel-10	G1,G2,C1	03/09/2010	02/09/2011	59%	<a href="#">GP-101083</a>	Renesas	CP#52 completed. GP#50 complete		
##	451	480102	CT1 part for TIGHTER	TIGHTER	2	Rel-10	C1	03/09/2010	03/06/2011	100%	<a href="#">GP-101083</a>	Renesas	CP#52 completed		
##	452	480202	TIGHTER Performance Requirements	TIGHTER	2	Rel-10	G1,G2	03/09/2010	20/05/2011	100%	<a href="#">GP-101084</a>	Renesas	GP#50 completed		
##	453	480302	TIGHTER Testing	TIGHTER	2	Rel-10	G3new,G1	03/09/2010	02/09/2011	0%	<a href="#">GP-101085</a>	Renesas	-		
##	454	490001	Support of Multi-Operator Core Network by GERAN	MOCN-GERAN	1	Rel-10	G2,S2,C1	21/05/2010	04/03/2011	100%	<a href="#">GP-101443</a>	Alcatel-Luce	GP#49 completed. SP/CP#50 comp		
##	455	490101	Stage 2 for Support of Multi-Operator Core Network by	MOCN-GERAN	2	Rel-10	S2	21/05/2010	16/12/2010	100%	<a href="#">GP-101443</a>	Alcatel-Lucen	SP#50 completed		
##	456	490201	CT1 part of Stage 3 for Support of Multi-Operator Core	MOCN-GERAN	2	Rel-10	C1	21/05/2010	10/12/2010	100%	<a href="#">GP-101443</a>	Alcatel-Lucen	CP#50 completed		
##	457	490301	GERAN2 part of Stage 3 for Support of Multi-Operator (	MOCN-GERAN	2	Rel-10	G2	30/08/2010	04/03/2011	100%	<a href="#">GP-101443</a>	Alcatel-Lucen	GP#49 completed		
##	458	490002	Enhancements of lur-g interface	elurg	1	Rel-10	G2,R3	03/09/2010	03/06/2011	100%	<a href="#">GP-101758</a>	China Mobile	RP#52 completed. GP#49 complete		
##	459	490102	GERAN part for Enhancements of lur-g interface (Stage	elurg-GERAN	2	Rel-10	G2	03/09/2010	04/03/2011	100%	<a href="#">GP-101758</a>	China Mobile,	GP#49 completed. GP#48 updated V		
##	460	490021	Core part: Enhancements of lur-g interface (Stage 2/3)	elurg-RAN	2	Rel-10	R3	03/09/2010	03/06/2011	100%	<a href="#">RP-101232</a>	ZTE	RP#52 completed		
##	461	380077	1.28 Mcps TDD Repeater	RANimp-Repeater1.	1	Rel-10	R4	04/12/2007	19/03/2010	100%	<a href="#">RP-071003</a>	RITT	RP#47 completed		
##	462	450019	1.28 Mcps TDD Multi-carrier HSUPA	TDD_MC_HSUPA	1	Rel-10	R1,R2,R3,	18/09/2009	10/12/2010	100%	<a href="#">RP-090990</a>	CATR	RP#50 completed		
##	463	460014	1.28 Mcps TDD Home NodeB RF requirements	HNB_LCRTDD_RF	1	Rel-10	R4	04/12/2009	10/12/2010	100%	<a href="#">RP-100607</a>	TD Tech	RP#50 completed. Triggered by FS		
##	464	460114	Core part: 1.28Mcps TDD Home NodeB RF requirement	HNB_LCRTDD_RF-C	2	Rel-10	R4	04/12/2009	04/06/2010	100%	<a href="#">RP-100607</a>	TD Tech	RP#48 completed		
##	465	460214	Perf. part: 1.28Mcps TDD Home NodeB RF requirement	HNB_LCRTDD_RF-F	2	Rel-10	R4	04/12/2009	10/12/2010	100%	<a href="#">RP-100607</a>	TD Tech	RP#50 completed. TR 25.968 v100 fc		
##	466	470012	Multi-User Multiple-Input and Multiple-Output (MU-M	MUMIMO_LCR_TDD	1	Rel-10	R1,R2,R3,	19/03/2010	03/06/2011	100%	<a href="#">RP-100347</a>	CATT	RP#52 completed		
##	467	470112	Core part: MU-MIMO for 1.28Mcps TDD	MUMIMO_LCR_TDD	2	Rel-10	R1,R2,R3	19/03/2010	10/12/2010	100%	<a href="#">RP-100347</a>	CATT	RP#50 completed		
##	468	470212	Perf. part: MU-MIMO for 1.28Mcps TDD	MUMIMO_LCR_TDD	2	Rel-10	R4	19/03/2010	03/06/2011	100%	<a href="#">RP-100347</a>	CATT	RP#52 completed		
##	469	450027	AGNSS Minimum Performance for UTRAN	AGNSSPerf_UTRAN	1	Rel-10	R4,R5	18/09/2009	16/09/2011	97%	<a href="#">RP-100363</a>	Thales	Triggered by Rel-7 UID_20050 (GN		
##	470	450127	AGNSS Minimum Performance Specification Developm	AGNSSPerf_UTRAN	2	Rel-10	R4	18/09/2009	10/12/2010	100%	<a href="#">RP-100363</a>	Thales	RP#50 completed		
##	471	480018	AGNSS test case development for UMTS	AGNSTest_UTRAN	2	Rel-10	R5	04/06/2010	16/09/2011	95%	<a href="#">RP-101405</a>	Thales	RP#52 completion 06/11=>09/11		
##	472	460005	Inclusion of RF Pattern Matching Technologies as p	LCS_UMTS_RFPMT	1	Rel-10	R2,R3	04/12/2009	18/03/2011	100%	<a href="#">RP-091427</a>	Polaris Wirel	RP#51 completed. Triggered by Sti		
##	473	460105	Core part: Inclusion of RF Pattern Matching Technologi	LCS_UMTS_RFPMT.	2	Rel-10	R2,R3	04/12/2009	18/03/2011	100%	<a href="#">RP-091427</a>	Polaris Wirel	RP#51 completed		

Page 11

ID	ID	Jnique_IC	Name	Acronym	utilir_lev	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Notes		
													Qtr 3, 2011		
													May	Jul	
##	474	460015	Four carrier HSDPA	4C_HSDPA	1	Rel-10	R1,R2,R3,	04/12/2009	16/09/2011	91%	RP-100991	Qualcomm	-	<div></div>	
##	475	460115	Core part: Four carrier HSDPA	4C_HSDPA-Core	2	Rel-10	R1,R2,R3,	04/12/2009	18/03/2011	100%	RP-100991	Qualcomm	RP#51 completed. RP#52 TR 25.864	<div></div>	
##	476	460215	Perf. part: Four carrier HSDPA	4C_HSDPA-Perf	2	Rel-10	R4	04/12/2009	16/09/2011	85%	RP-100991	Qualcomm	RP#52 completion 06/11=>09/11	<div></div>	
##	477	470013	Performance Requirements for two-antenna 1.28Mcj	2ant_UE_LCR_TDD	1	Rel-10	R4	19/03/2010	03/06/2011	100%	RP-100168	TD Tech	Stage 3. RP#52 completed	<div></div>	
##	478	470113	Core part: Performance Requirements for two-antenna	2ant_UE_LCR_TDD	2	Rel-10	R4	19/03/2010	04/06/2010	100%	RP-100168	TD Tech	RP#48 completed	<div></div>	
##	479	470213	Perf. part: Performance Requirements for two-antenna	2ant_UE_LCR_TDD	2	Rel-10	R4	19/03/2010	03/06/2011	100%	RP-100168	TD Tech	RP#52 completed	<div></div>	
##	480	480020	Automatic Neighbour Relation (ANR) for UTRAN	ANR_UTRAN	1	Rel-10	R3,R2	04/06/2010	03/06/2011	100%	RP-100688	ZTE	RP#52 Core completed. Automatic	<div></div>	
##	481	480120	Core part: Automatic Neighbour Relation (ANR) for UTR	ANR_UTRAN-Core	2	Rel-10	R3,R2	04/06/2010	03/06/2011	100%	RP-100688	ZTE	RP#52 completed	<div></div>	
##	482	480021	Support of New Band Combinations for Dual-Band I	DB_DC_HSDPA	1	Rel-10	R4,R2	04/06/2010	03/06/2011	100%	RP-100657	AT&T	RP#52 completed. Rel-9 Dual-Band	<div></div>	
##	483	480121	Core part: Support of New Band Combinations for Dual	DB_DC_HSDPA-Con	2	Rel-10	R4,R2	04/06/2010	03/06/2011	100%	RP-100657	AT&T	RP#52 completed	<div></div>	
##	484	480221	Deleted - Perf. part: Support of New Band Combinations for Dual-Band L	DB_DC_HSDPA-Pen	2	Rel-10	R4,R2	04/06/2010	17/09/2010	100%	RP-100657	AT&T	RP#49 stopped (Reason: no need for	<div></div>	
##	485	480022	MIMO operation with non-MIMO coexistence in HSD	MIMO_HSDPA	1	Rel-10	R4	04/06/2010	16/03/2012	65%	RP-100993	Qualcomm	RP#52 completed. RP#49 updated	<div></div>	
##	486	490023	Core part: MIMO operation with non-MIMO coexistence	MIMO_HSDPA-Core	2	Rel-10	R4	17/09/2010	03/06/2011	100%	RP-100993	Qualcomm	RP#52 completed	<div></div>	
##	487	480122	Perf. part: MIMO operation with non-MIMO coexistence	MIMO_HSDPA-Perf	2	Rel-10	R4	04/06/2010	03/06/2011	100%	RP-100993	Qualcomm	RP#52 completed	<div></div>	
##	488	510017	Test part: MIMO operation with non-MIMO coexistence	MIMO_HSDPA-UECc	2	Rel-10	R5	18/03/2011	16/03/2012	5%	RP-110244	Qualcomm	-	<div></div>	
##	489	490022	Interfrequency detected set measurements for UMTS	Interf_dset_meas_UN	1	Rel-10	R2,R4	17/09/2010	10/12/2010	100%	RP-101015	Nokia	RP#50 completed	<div></div>	
##	490	500020	Extending 850 MHz Upper Band (814 – 849 MHz)	e850_UB	1	Rel-10	R4,R2,R3,	10/12/2010	09/12/2011	63%	RP-101433	Sprint	Stage 3 Triggered by R4 Rel-10 LTI	<div></div>	
##	491	500120	Core part: Extending 850 MHz Upper Band (814 – 849 M	e850_UB-Core	2	Rel-10	R4,R2,R3	10/12/2010	16/09/2011	90%	RP-101433	Sprint	RP#52 completion 06/11=>09/11 (exc	<div></div>	
##	492	500220	Perf. part: Extending 850 MHz Upper Band (814 – 849 M	e850_UB-Perf	2	Rel-10	R4,R2,R3	10/12/2010	16/09/2011	90%	RP-101433	Sprint	RP#52 completion 06/11=>09/11	<div></div>	
##	493	510016	Test part: Extending 850 MHz Upper Band (814 – 849 M	e850_UB-UEConTes	2	Rel-10	R5	18/03/2011	09/12/2011	5%	RP-110377	Sprint	RP#52 completion 06/11=>12/11. E8	<div></div>	
##	494	460007	Carrier Aggregation for LTE	LTE_CA	1	Rel-10	R1,R2,R3,	04/12/2009	16/09/2011	78%	RP-100661	Nokia	Triggered by FS_RAN_LTEA (Stud	<div></div>	
##	495	460107	Core part: Carrier Aggregation for LTE	LTE_CA-Core	2	Rel-10	R1,R2,R3,	04/12/2009	03/06/2011	100%	RP-100661	Nokia	RP#52 completed	<div></div>	
##	496	460207	Perf. part: Carrier Aggregation for LTE	LTE_CA-Perf	2	Rel-10	R4	04/12/2009	16/09/2011	60%	RP-100661	Nokia	RP#50 TR 36.808 v100 for Informatio	<div></div>	
##	497	460008	Enhanced Downlink Multiple Antenna Transmission	LTE_eDL_MIMO	1	Rel-10	R1,R2,R4	04/12/2009	03/06/2011	78%	RP-100196	NTT DoCoMo	Triggered by FS_RAN_LTEA (Stud	<div></div>	
##	498	460108	Core part: Enhanced Downlink Multiple Antenna Transi	LTE_eDL_MIMO-Cor	2	Rel-10	R1,R2,R4	04/12/2009	18/03/2011	100%	RP-100196	NTT DoCoMo	RP#51 completed	<div></div>	
##	499	460208	Perf. part: Enhanced Downlink Multiple Antenna Transr	LTE_eDL_MIMO-Perf	2	Rel-10	R4	04/12/2009	03/06/2011	60%	RP-091429	NTT DoCoMo	RP#52 completion 06/11=>09/11	<div></div>	
##	500	460009	Uplink Multiple Antenna Transmission for LTE	LTE_UL_MIMO	1	Rel-10	R1,R2,R4	04/12/2009	16/09/2011	89%	RP-100959	Huawei	RP#52 Core completed. Triggered	<div></div>	
##	501	460109	Core part: UL multiple antenna transmission for LTE	LTE_UL_MIMO-Core	2	Rel-10	R1,R2,R4	04/12/2009	03/06/2011	100%	RP-100959	Huawei	RP#52 completed. TR 36.817 v110 fc	<div></div>	
##	502	460209	Perf. part: UL multiple antenna transmission for LTE	LTE_UL_MIMO-Perf	2	Rel-10	R4	04/12/2009	16/09/2011	80%	RP-100959	Huawei	RP#52 completion 06/11=>09/11	<div></div>	
##	503	460010	Deleted - Fixed Wireless Customer-Premises Equipment (CPE	FW_CPE_RF	1	Rel-10	R4,R5	04/12/2009	03/06/2011	100%	RP-091432	Verizon Wirel	RP#52 work stopped (lack of contribu	<div></div>	
##	504	460110	Deleted - Core part: Fixed Wireless Customer-Premises Equipm	FW_CPE_RF-Core	2	Rel-10	R4	04/12/2009	03/06/2011	100%	RP-091432	Verizon Wirel	RP#52 work stopped at 55% (lack of	<div></div>	
##	505	460210	Deleted - Test part: Fixed Wireless Customer-Premises Equipme	FW_CPE_RF-UECor	2	Rel-10	R5	04/12/2009	03/06/2011	100%	RP-091432	Verizon Wirel	RP#52 work stopped (lack of contribu	<div></div>	
##	506	460013	Relays for LTE	LTE_Relay	1	Rel-10	R1,R2,R4,	04/12/2009	08/06/2011	100%	RP-101911	Ericsson	RP#52 completed (open RAN4 Cor	<div></div>	
##	507	460113	Core part: Relays for LTE	LTE_Relay-Core	2	Rel-10	R1,R2,R4	04/12/2009	03/06/2011	100%	RP-101911	Ericsson	RP#52 completed. Updated WID RP-	<div></div>	
##	508	460213	Deleted - Perf. part: Relays for LTE	LTE_Relay-Perf	2	Rel-10	R4	04/12/2009	03/06/2011	100%	RP-101417	Ericsson	RP#52 stopped at 30% (no CRs so fe	<div></div>	
##	509	520020	Stage 2 for Relays for LTE	LTE_Relay	2	Rel-10	S2	06/06/2011	08/06/2011	100%	not applicable	Vodafone	SP#52 SP-110338 (S2-85/S2-112851	<div></div>	
##	510	500038	TR on LTE Relay Nodes Security	LTE_Relay-Sec	2	Rel-10	S3	16/12/2010	22/03/2011	100%	SP-100733	Qualcomm	SP#51 completed	<div></div>	
##	511	500138	Security for LTE Relay Nodes (Stage 2)	LTE_Relay-Sec	2	Rel-10	S3	16/12/2010	22/03/2011	100%	SP-100733	Qualcomm	SP#51 completed (impacting Stage 3	<div></div>	
##	512	510011	CT6 aspects of LTE Relay Node Security	LTE_Relay-Sec	2	Rel-10	C6	16/03/2011	18/03/2011	100%	not applicable	n/a	CP#51 completed	<div></div>	
##	513	510012	Core Network Impacts for Relay Nodes	LTE_Relay-CN	2	Rel-10	C4	16/03/2011	18/03/2011	100%	CP-110094	Vodafone	CP#51 completed	<div></div>	
##	514	520019	Relays for LTE (part 2)	LTE_Relay2	1	Rel-11	R4	04/12/2009	15/06/2012	23%	RP-110914	Ericsson	Continuation of Rel-10 (open RAN	<div></div>	
##	515	520119	Core part: Relays for LTE (part 2)	LTE_Relay2-Core	2	Rel-11	R4	03/06/2011	16/03/2012	0%	RP-110914	Ericsson	RP#52 Core part not completed in Re	<div></div>	
##	516	520219	Perf. part: Relays for LTE (part 2)	LTE_Relay2-Perf	2	Rel-11	R4	04/12/2009	15/06/2012	30%	RP-110914	Ericsson	RP#52 transferred completely from R	<div></div>	

Page 12



ID	ID	Unique_IC	Name	Acronym	utili leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														May	Qtr 3, 2011 Jul
##	517	470007	<b>Enhanced Inter-Cell Interference Control (ICIC) for n</b>	eICIC_LTE	1	Rel-10	R1,R2,R3,	19/03/2010	16/09/2011	72%	<a href="#">RP-100383</a>	China Mobile	Stage 3 Triggered by FS_RAN_LTE		
##	518	470107	<b>Core part: Enhanced ICIC for non-CA based deploymer</b>	eICIC_LTE-Core	2	Rel-10	R1,R2,R3,	19/03/2010	03/06/2011	100%	<a href="#">RP-100383</a>	China Mobile	RP#52 completed		
##	519	470207	<b>Perf. part: Enhanced ICIC for non-CA based deploymen</b>	eICIC_LTE-Perf	2	Rel-10	R4	19/03/2010	16/09/2011	50%	<a href="#">RP-100383</a>	China Mobile	-		
##	520	470008	<b>LTE TDD in 2600MHz for US</b>	LTE_TDD_2600_US	1	Rel-10	R4,R2,R3,	19/03/2010	10/12/2010	100%	<a href="#">RP-101003</a>	Clearwire	RP#50 Testing completed. RP#49 C		
##	521	470108	<b>Core part: LTE TDD in 2600MHz for US</b>	LTE_TDD_2600_US-	2	Rel-10	R4,R2,R3	19/03/2010	17/09/2010	100%	<a href="#">RP-101003</a>	Clearwire	RP#49 completed		
##	522	470208	<b>Perf. part: LTE TDD in 2600MHz for US</b>	LTE_TDD_2600_US-	2	Rel-10	R4	19/03/2010	17/09/2010	100%	<a href="#">RP-101003</a>	Clearwire	RP#49 completed		
##	523	480019	<b>UE conformance test part: LTE TDD in 2600MHz for US</b>	LTE_TDD_2600_US-	2	Rel-10	R5	04/06/2010	10/12/2010	100%	<a href="#">RP-100615</a>	Clearwire	RP#50 completed		
##	524	470009	<b>Adding 2 GHz band LTE FDD (Band 23) for Ancillary</b>	S_Band_LTE_ATC_	1	Rel-10	R2,R4,R5	19/03/2010	16/09/2011	89%	<a href="#">RP-110775</a>	DBSD (forme	RP#52 completed. Updated WID RF		
##	525	470109	<b>Core part: Adding 2 GHz band LTE FDD (Band 23) for A</b>	S_Band_LTE_ATC_A	2	Rel-10	R4,R2	19/03/2010	03/06/2011	100%	<a href="#">RP-110775</a>	DBSD (forme	RP#52 completed. Updated WID RP-		
##	526	470209	<b>Perf. part: Adding 2 GHz band LTE FDD (Band 23) for A</b>	S_Band_LTE_ATC_A	2	Rel-10	R4	19/03/2010	03/06/2011	100%	<a href="#">RP-110775</a>	DBSD (forme	RP#52 completed. Updated WID RP-		
##	527	520012	<b>Test part: Adding 2 GHz band LTE FDD (Band 23) for A</b>	S_Band_LTE_ATC_A	2	Rel-10	R5	03/06/2011	16/09/2011	0%	<a href="#">RP-110623</a>	DBSD (forme	Adding 2 GHz S-band LTE (Band 23)		
##	528	470010	<b>Adding L-Band (Band 24) LTE for Ancillary Terrestri</b>	L_Band_LTE_ATC_	1	Rel-10	R4,R2	19/03/2010	16/09/2011	96%	<a href="#">RP-101284</a>	LightSquare	RP#52 Perf completed		
##	529	470110	<b>Core part: Adding L-Band (Band 24) LTE for ATC of MS</b>	L_Band_LTE_ATC_M	2	Rel-10	R4,R2	19/03/2010	18/03/2011	100%	<a href="#">RP-101284</a>	LightSquared	RP#51 completed		
##	530	470210	<b>Perf. part: Adding L-Band (Band 24) LTE for ATC of MS</b>	L_Band_LTE_ATC_M	2	Rel-10	R4	19/03/2010	03/06/2011	100%	<a href="#">RP-101284</a>	LightSquared	RP#52 completed		
##	531	510015	<b>Test part: Adding L-Band (Band 24) LTE for ATC of MS</b>	L_Band_LTE_ATC_M	2	Rel-10	R5	18/03/2011	16/09/2011	80%	<a href="#">RP-110777</a>	LightSquared	RP#52 updated WID RP-110378=>R		
##	532	470011	<b>LTE Self Optimizing Networks (SON) enhancements</b>	SONenh_LTE	1	Rel-10	R3,R2,R4	19/03/2010	03/06/2011	100%	<a href="#">RP-101004</a>	Nokia Sieme	RP#52 completed		
##	533	470111	<b>Core part: LTE Self Optimizing Networks (SON) enhanc</b>	SONenh_LTE-Core	2	Rel-10	R3,R2,R4	19/03/2010	03/06/2011	100%	<a href="#">RP-101004</a>	Nokia Siemer	RP#52 completed (Stage 1,2,3)		
##	534	480027	<b>Further enhancements to MBMS for LTE</b>	MBMS_LTE_enh	1	Rel-10	R2,R3	04/06/2010	18/03/2011	100%	<a href="#">RP-101244</a>	Huawei	RP#51 completed. SA2 decided no		
##	535	480127	<b>Core part: Further enhancements to MBMS for LTE</b>	MBMS_LTE_enh-Cor	2	Rel-10	R2,R3	04/06/2010	18/03/2011	100%	<a href="#">RP-101244</a>	Huawei	RP#51 completed		
##	536	380173	<b>UMTS/LTE 3500 MHz</b>	RInImp8-UMTSLTE3	1	Rel-10	R4,R2,R3,	30/11/2007	09/12/2011	49%	<a href="#">RP-091380</a>	Ericsson	RP#52 Core part TDD (completed)		
##	537	380073	<b>UMTS/LTE 3500 MHz</b>	RInImp8-UMTSLTE3	2	Rel-11	R4,R2,R3	30/11/2007	16/09/2011	87%	<a href="#">RP-091380</a>	Ericsson	RP#52 TDD completed. FDD extensio		
##	538	420013	<b>Conformance Test Aspects – LTE 3500</b>	LTE-UEConTest_LTE	2	Rel-10	R5	05/12/2008	09/12/2011	45%	<a href="#">RP-080859</a>	Ericsson	RP#52 completion 09/11=>12/11		
##	539	420014	<b>Conformance Test Aspects – UMTS 3500</b>	RInImp-UEConTest_L	2	Rel-10	R5	05/12/2008	09/12/2011	5%	<a href="#">RP-110386</a>	Ericsson	RP#52 completion 09/11=>12/11		
##	540	460003	<b>Minimization of Drive Tests for E-UTRAN and UTRA</b>	MDT_UMTSLTE	1	Rel-10	R2,R4,R3	04/12/2009	03/06/2011	100%	<a href="#">RP-100360</a>	Nokia Sieme	RP#52 completed. Triggered by UI		
##	541	460103	<b>Core part: Minimization of Drive Tests for E-UTRAN and</b>	MDT_UMTSLTE-Cor	2	Rel-10	R2,R4,R3	04/12/2009	03/06/2011	100%	<a href="#">RP-100360</a>	Nokia Siemer	RP#52 completed		
##	542	470005	<b>HNB and HeNB Mobility Enhancements</b>	HNB_HENB_mob_en	1	Rel-10	R3,R2	19/03/2010	18/03/2011	100%	<a href="#">RP-110183</a>	Alcatel-Luce	RP#51 completed. Common UTRA		
##	543	470105	<b>Core part: HNB and HeNB Mobility Enhancements</b>	HNB_HENB_mob_en	2	Rel-10	R3,R2	19/03/2010	18/03/2011	100%	<a href="#">RP-110183</a>	Alcatel-Lucen	RP#51 completed. WID updated RP-		
##	544	480024	<b>Expanded 1900 MHz Band for UTRA and LTE</b>	E1900	1	Rel-10	R4,R2,R5	04/06/2010	16/09/2011	87%	<a href="#">RP-100676</a>	Sprint	RP#52 Core & Perf completed. Cre		
##	545	480124	<b>Core part: Expanded 1900 MHz Band for UTRA and LTE</b>	E1900-Core	2	Rel-10	R4,R2	04/06/2010	03/06/2011	100%	<a href="#">RP-100676</a>	Sprint	RP#52 completed		
##	546	480224	<b>Perf. part: Expanded 1900 MHz Band for UTRA and LTE</b>	E1900-Perf	2	Rel-10	R4,R2	04/06/2010	03/06/2011	100%	<a href="#">RP-100676</a>	Sprint	RP#52 completed		
##	547	520013	<b>Test part: Expanded 1900 MHz Band for UTRA and LTE</b>	E1900-UEConTest	2	Rel-10	R5	03/06/2011	16/09/2011	0%	<a href="#">RP-110712</a>	Sprint	-		
##	548	480025	<b>Multi-standard radio Base Station RF requirements f</b>	MSR_NC	1	Rel-10	R4,G1	04/06/2010	16/09/2011	72%	<a href="#">RP-101402</a>	Ericsson	RP#52 Core completed		
##	549	480125	<b>Core part: Multi-standard radio Base Station RF require</b>	MSR_NC-Core	2	Rel-10	R4	04/06/2010	03/06/2011	100%	<a href="#">RP-101402</a>	Ericsson	RP#52 completed. TR 37.802 v100 fo		
##	550	480225	<b>Perf. part: Multi-standard radio Base Station RF require</b>	MSR_NC-Perf	2	Rel-10	R4	04/06/2010	16/09/2011	45%	<a href="#">RP-101402</a>	Ericsson	-		
##	551	490004	<b>GERAN part: Multi-standard radio Base Station RF requ</b>	MSR_NC-GERAN	2	Rel-10	G1	03/09/2010	02/09/2011	80%	<a href="#">GP-101618</a>	Ericsson	GP#49 completion 03/11=>09/11. GP		
##	552	440044	<b>(Small) Technical Enhancements and Improvements</b>	TEH10	1	Rel-10	All	04/06/2009	23/03/2011	100%	<a href="#">not applicable</a>	-	-		
##	553	350014	<i>Deleted - Registration in Densely-populated area (RED)</i>	RED	1	Rel-10	S1	12/03/2007	24/09/2009	100%	<a href="#">SP-070133</a>	NTT DoCoMo	SP#35 Stage 1 completed. SP#45 St		
##	554	370030	<i>Deleted - Stage 1 for RED</i>	RED	2	Rel-10	S1	12/03/2007	15/03/2007	100%	<a href="#">SP-070133</a>	NTT DoCoMo	SP#35 completed. SP#46 work stopp		
##	555	370031	<i>Deleted - Stage 2 for RED</i>	RED	2	Rel-10	S2	25/09/2007	24/09/2009	100%	<a href="#">SP-070694</a>	NTT DoCoMo	SP#45 Stage 2 work stopped		
##	556	380062	<i>Deleted - Network Selection for non-3GPP Access</i>	N3GtoNSP	1	Rel-10	S1,C6	07/12/2007	24/09/2009	100%	<a href="#">SP-070874</a>	Telefónica O	SP#45 work stopped/abandoned		
##	557	380162	<i>Deleted - Stage 1 for N3GtoNSP</i>	N3GtoNSP	2	Rel-10	S1	07/12/2007	24/09/2009	100%	<a href="#">SP-070874</a>	Telefónica O	SP#45 work stopped/abandoned		
##	558	380262	<i>Deleted - CT6 issues for N3GtoNSP</i>	N3GtoNSP	2	Rel-10	C6	07/12/2007	24/09/2009	100%	<a href="#">SP-070874</a>	Telefónica O	SP#45 work stopped/abandoned		
##	559	420025	<i>Deleted - GTP-based S8 chaining</i>	GTPchaining	1	Rel-10	S2	11/12/2008	25/03/2010	100%	<a href="#">SP-080798</a>	Huawei	SP#47 work stopped (depending on c		

ID	ID	Jnique_IC	Name	Acronym	utiln_eve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	560	420026	Deleted - Stage 2 for GTPchaining	GTPchaining	2	Rel-10	S2	11/12/2008	25/03/2010	100%	<a href="#">SP-080798</a>	Huawei	SP#47 work stopped		
##	561	430017	Deleted - UTRAN 2 ms TTI uplink range improvement	RANimp-2mTTI_ULin	1	Rel-10	R1,R2,R3,	06/03/2009	19/03/2010	100%	<a href="#">RP-090333</a>	Nokia Siemer	RP#47 work stopped/abandoned (no		
##	562	440043	Deleted - Enhanced Home NodeB / eNodeB continuation of Rel-9	eEHNB	1	Rel-10	S2	11/12/2008	25/03/2010	100%	<a href="#">not applicable</a>	Alcatel-Lucen	SP#47 deleted (SA2 work moved unc		
##	563	470006	Deleted - Enhanced Interference Management for Home NodeBs	HNB_IM	1	Rel-10	R3	19/03/2010	17/09/2010	100%	<a href="#">RP-100392</a>	Qualcomm	RP#49 stopped (no further standardiz		
##	564	470106	Deleted - Core part: Enhanced Interference Management for Home Node	HNB_IM-Core	2	Rel-10	R3	19/03/2010	17/09/2010	100%	<a href="#">RP-100392</a>	Qualcomm	RP#49 stopped (no further standardiz		
##	565	460012	Deleted - Latency reductions for LTE	LTE_LATRED	1	Rel-10	R2,R1	04/12/2009	10/12/2010	100%	<a href="#">RP-091449</a>	Ericsson	RP#50 work stopped (RP-101266)		
##	566	460112	Deleted - Core part: Latency reductions for LTE	LTE_LATRED-Core	2	Rel-10	R2,R1	04/12/2009	10/12/2010	100%	<a href="#">RP-091449</a>	Ericsson	RP#50 work stopped (RP-101266)		
##	567	0	Release 10 Studies	-	1	Rel-10	CP,GP,RP	12/03/2009	23/03/2011	100%	-	-	-		
##	568	370045	Study on enhanced voice service requirements for t	FS_EV_EPS	1	Rel-10	S1,S4	03/09/2007	25/03/2010	100%	<a href="#">SP-070698</a>	France Telec	SP#47 completed. TR 22.813-100 fc		
##	569	370047	Use cases definition and service and system requireme	FS_EV_EPS-S1	2	Rel-10	S1	03/09/2007	11/12/2008	100%	<a href="#">SP-070698</a>	France Telec	SP#47 completed. TR 22.813-100 for		
##	570	370048	Codec specific part of FS_EV_EPS	FS_EV_EPS-S4	2	Rel-10	S4	03/09/2007	25/03/2010	100%	<a href="#">SP-070698</a>	Ericsson	SP#47 completed. TR 22.813-100 for		
##	571	380083	Study on advanced requirements for IP interconnect	FS_IPXS	1	Rel-10	S1	04/12/2007	10/12/2009	100%	<a href="#">SP-070878</a>	Telefónica O2	SP#46 completed. Linked to Rel-8 Fe		
##	572	410039	Study on Personal Broadcast Service	FS_PBS	1	Rel-10	S1	18/09/2008	25/03/2010	100%	<a href="#">SP-080504</a>	ETRI	SP#47 completed		
##	573	410040	Study on LCS support in SAE for non-3GPP access	FS_LCS_n3GPP	1	Rel-10	S1	18/09/2008	25/03/2010	100%	<a href="#">SP-080648</a>	SK Telecom	SP#47 completed		
##	574	430030	Study on Haptic Services	FS_Haptics	1	Rel-10	S1	12/03/2009	25/03/2010	100%	<a href="#">SP-090664</a>	SK Telecom	SP#47 completed. Covers Mobile/Fix		
##	575	370050	Study on System enhancements for the use of IMS s	FS_IMS_LBO_ORM	1	Rel-10	S2	01/10/2007	10/12/2009	100%	<a href="#">SP-080556</a>	Telecom Italia	SP#46 completed. Spin-off Feature U		
##	576	390055	Study on Intra Domain Connection of RAN Nodes to	FS_IDC	1	Rel-10	S2	12/03/2008	25/03/2010	100%	<a href="#">SP-080094</a>	China Mobile	SP#47 completed. Concluded no furth		
##	577	440049	Study on Single Radio Voice Call Continuity enhanc	FS_eSRVCC	1	Rel-10	S2	04/06/2009	23/09/2010	100%	<a href="#">SP-090363</a>	China Mobile	SP#49 completed (Conclusion: select		
##	578	470048	Study on Single Radio Video Call Continuity for 3G-L	FS_vSRVCC	1	Rel-10	S2	25/03/2010	23/09/2010	100%	<a href="#">SP-100168</a>	Samsung	SP#49 completed. TR 23.886v100 fo		
##	579	470049	Study on S2b Mobility based on GTP	FS_SMOG	1	Rel-10	S2	25/03/2010	10/06/2010	100%	<a href="#">SP-100169</a>	Alcatel-Lucen	SP#48 completed. Triggered by Rel-8		
##	580	430040	Study on Surround Sound codec extension for PSS	FS_SS_PSS_MBMS	1	Rel-10	S4	12/03/2009	23/03/2011	100%	<a href="#">SP-090019</a>	Fraunhofer G	SP#51 completed. Extend Rel-8 UID_		
##	581	480044	Study on Improved Video Coding Support	FS_IVCS	1	Rel-10	S4	10/06/2010	23/03/2011	100%	<a href="#">SP-100304</a>	Nokia, ETRI	SP#51 completed. Extends Rel-9 Imp		
##	582	410044	Study on Rc Reference Point Functionalities and Me	FS_OAM_Rc	1	Rel-10	S5	18/09/2008	25/03/2010	100%	<a href="#">SP-080464</a>	Huawei	SP#47 completed		
##	583	430044	Study on Telecommunication Management; Energy	FS_OAM_ESM	1	Rel-10	S5	12/03/2009	25/03/2010	100%	<a href="#">SP-090048</a>	Orange, Voda	SP#47 completed. Study result might		
##	584	440069	Study on Integration of Device Management Informa	FS_IDMI_Itf-N	1	Rel-10	S5	04/06/2009	25/03/2010	100%	<a href="#">SP-100088</a>	Motorola	SP#47 completed. TR 32.827 v100 fc		
##	585	460037	Study on Alignment of 3GPP Generic NRM IRP and T	FS_3GNRM_TMFSIC	1	Rel-10	S5	10/12/2009	23/03/2011	100%	<a href="#">SP-090759</a>	Nokia Siemer	SP#51 completed		
##	586	460038	Study on Harmonization of 3GPP Alarm IRP and TMI	FS_3G_TMF_FM	1	Rel-10	S5	10/12/2009	23/03/2011	100%	<a href="#">SP-090760</a>	Nokia Siemer	SP#51 completed		
##	587	480045	Study on Alarm Correlation and Alarm Root Cause A	FS_AC_ARCA	1	Rel-10	S5	10/06/2010	23/03/2011	100%	<a href="#">SP-100775</a>	Ericsson	SP#51 completed		
##	588	480046	Study on Alignment of 3GPP PM IRP and TMF Interf	FS_3G_TMF_PM	1	Rel-10	S5	10/06/2010	23/03/2011	100%	<a href="#">SP-100291</a>	Alcatel-Lucen	SP#51 completed		
##	589	450013	Study on Policy and Charging Rules Function (PCRF)	FS_PCRF-FR	1	Rel-10	C3	18/08/2009	17/09/2010	100%	<a href="#">CP-090861</a>	NEC	CP#49 completed (the solution will be		
##	590	480016	Study on User Data Convergence (UDC) evolution	FS_UDCe	1	Rel-10	C4	04/06/2010	18/03/2011	100%	<a href="#">CP-100296</a>	Alcatel-Lucen	CP#51 completed. Study UDC evolut		
##	591	480017	Study on UICC access to IMS	FS_IMS-UICC	1	Rel-10	C6	04/06/2010	18/03/2011	100%	<a href="#">CP-100424</a>	Gemalto	CP#51 completed		
##	592	450014	Study on Uplink Tx Diversity for HSPA	FS_UL-TxDiv-HSPA	1	Rel-10	R4	18/08/2009	04/06/2010	100%	<a href="#">RP-090987</a>	Qualcomm	RP#48 completed		
##	593	460016	Study on Solutions for Energy Saving within UTRA M	FS_Energy_UMTS	1	Rel-10	R1,R3	04/12/2009	17/09/2010	100%	<a href="#">RP-091439</a>	Vodafone	RP#49 completed. Based on ETSI EE		
##	594	470015	Study on Potential solutions for energy saving for E	FS_Energy_LTE	1	Rel-10	R3,R2	02/02/2010	03/06/2011	100%	<a href="#">RP-100674</a>	China Mobile	RP#52 completed		
##	595	470016	Study on Improvements of distributed antenna for 1	FS_distr_ant_LCR_T	1	Rel-10	R1,R2,R3	05/03/2010	10/12/2010	100%	<a href="#">RP-100178</a>	ZTE	RP#50 completed. TR 25.865 v101 fc		
##	596	400037	Deleted - Study on Unauthenticated PS Emergency Calls	FS_UAPSEC	1	Rel-10	S1	05/06/2008	25/03/2010	100%	<a href="#">SP-080320</a>	Nokia Siemer	SP#47 work stopped/abandoned		
##	597	410042	Deleted - Study on enhancements to IMS border functions for IMS Interconne	FS_eIMS_IBCF	1	Rel-10	S2	18/09/2008	15/12/2010	100%	<a href="#">SP-090809</a>	Starent Netw	SP#50 work stopped. Additional work		
##	598	440050	Deleted - Study on EPC Charging enhancement	FS_EPCcharg	1	Rel-10	S5	04/06/2009	25/03/2010	100%	<a href="#">SP-090318</a>	Nokia Siemer	SP#47 work stopped. Issue covered i		
##	599	450012	Deleted - Study on Interworking Proxy between GTP based and PMIP based	FS_GTP-MIP-IW	1	Rel-10	C4	18/09/2009	04/06/2010	100%	<a href="#">CP-090517</a>	NTT DoCoMo	CP#48 work stopped/abandoned		
##	600	0	Release 9 Features	-	1	Rel-9	CP,GP,RP	05/06/2008	05/06/2008	100%	-	-	-		
##	601	400035	Enhanced Home NodeB / eNodeB	EHNB	1	Rel-9	S1,S2,S3,S4	05/06/2008	16/12/2011	96%	<a href="#">SP-090214</a>	T-Mobile	CP#50 Core specification complete		
##	602	400047	Stage 1 for EHNB	EHNB	2	Rel-9	S1	05/06/2008	04/06/2009	100%	<a href="#">SP-080791</a>	T-Mobile	CP#49 the SA1-reqs are moving. CT		

Page 14

ID	ID	Jnique_IC	Name	Acronym	utilit _eve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	603	410026	Architecture aspects of EHN	EHN	2	Rel-9	S2	18/09/2008	24/09/2009	100%	<a href="#">SP-080636</a>	T-Mobile	SP#45 completed		
##	604	420035	Security aspects of Enhanced Home NodeB / eNodeB	EHN-Sec	2	Rel-9	S3	11/12/2008	10/12/2009	100%	<a href="#">SP-080879</a>	Huawei	SP#46 completed		
##	605	450003	CT1 aspects - Support of Home NB and Home eNB enh	EHN-CT1	2	Rel-9	C1	18/09/2009	10/12/2010	100%	<a href="#">CP-090741</a>	Qualcomm	CP#50 completed (Roaming aspects		
##	606	450004	CT6 aspects - Support of Home NB and Home eNB enh	EHN-CT6	2	Rel-9	C6	18/09/2009	19/03/2010	100%	<a href="#">CP-090741</a>	Qualcomm	CP#47 completed. Storing of CSG rel		
##	607	420036	3G HNB Gateway and LTE HeNB Gateway OAM&P	HNB-OAM_GW	2	Rel-9	S5	11/12/2008	25/03/2010	100%	<a href="#">SP-100087</a>	China Mobile	SP#47 completed		
##	608	430012	3G HNB and LTE HeNB OAM&P Type 1 Interface	HNB_eHNB-OAM_Ty	2	Rel-9	S5	12/03/2009	25/03/2010	100%	<a href="#">SP-090208</a>	Huawei	SP#47 completed		
##	609	440066	3G HNB and LTE HeNB OAM&P Type 2 Interface	HNB_eHNB-OAM_Ty	2	Rel-9	S5	15/05/2009	25/03/2010	100%	<a href="#">SP-090315</a>	Ericsson	SP#47 completed		
##	610	420008	LTE FDD Home eNodeB RF Requirements	HeNB-RF_FDD	2	Rel-9	R4	05/12/2008	19/03/2010	100%	<a href="#">RP-091300</a>	Motorola	RP#47 completed		
##	611	430005	LTE TDD Home eNodeB RF Requirements	HeNB-RF_TDD	2	Rel-9	R4	06/03/2009	19/03/2010	100%	<a href="#">RP-091386</a>	China Mobile	RP#47 completed		
##	612	430025	Home NB and Home eNB enhancements - RAN3 aspect	EHN-RAN3	2	Rel-9	R3	06/03/2009	04/12/2009	100%	<a href="#">RP-090349</a>	Alcatel-Lucen	RP#46 completed (based on high pric		
##	613	430026	Home NB and Home eNB enhancements - RAN2 aspect	EHN-RAN2	2	Rel-9	R2	06/03/2009	19/03/2010	100%	<a href="#">RP-091392</a>	Huawei	RP#47 completed		
##	614	490020	Conformance Test Aspects – Home NB enhancements	EHN-UTRA_FDD_L	2	Rel-9	R5	17/09/2010	16/12/2011	70%	<a href="#">RP-100935</a>	Huawei	UTRA. Testing for UID_430026 Supp		
##	615	500023	Conformance Test Aspects – Home eNB enhancements	EHN-LTE_UEConTr	2	Rel-9	R5	10/12/2010	16/09/2011	70%	<a href="#">RP-101191</a>	Qualcomm	-		
##	616	440001	Home NB and Home eNB enhancements - GERAN aspe	EHN-GERAN	2	Rel-9	GP	18/05/2009	03/09/2010	100%	<a href="#">GP-090975</a>	Nokia Siemer	GP#47 completed. GP#42 WID appr		
##	617	370026	Value-Added Services for Short Message Service	VAS4SMS	1	Rel-9	S1,C4,C1	10/09/2007	04/12/2009	100%	<a href="#">SP-070572</a>	China Mobile	CP#46 completed		
##	618	370126	Stage 1 for VAS4SMS	VAS4SMS	2	Rel-9	S1	10/09/2007	12/03/2008	100%	<a href="#">SP-070572</a>	China Mobile	SP#39 completed. SP#43 Feature mc		
##	619	410011	CT4 aspects of VAS4SMS Interface and Signalling Flow	VAS4SMS	2	Rel-9	C4	12/09/2008	04/12/2009	100%	<a href="#">CP-090813</a>	China Mobile	CP#46 completed		
##	620	410014	CT1 aspects of VAS4SMS Interface and Signalling Flow	VAS4SMS	2	Rel-9	C1	09/09/2008	04/12/2009	100%	<a href="#">CP-090813</a>	China Mobile	CP#46 completed		
##	621	370027	Definition of End-User Identity	EUI	1	Rel-9	S1	03/09/2007	11/12/2008	100%	<a href="#">SP-090380</a>	Nokia Siemer	SP#42 closed. Stage 1 work closed a		
##	622	410024	Definition of End-User Identity	EUI	2	Rel-9	S1	03/09/2007	11/12/2008	100%	<a href="#">SP-090380</a>	Nokia Siemer	SP#42 closed. Stage 1 work closed a		
##	623	380067	Customized Ringing Signal	CRS	1	Rel-9	S1,C1	06/12/2007	03/12/2009	100%	<a href="#">SP-080502</a>	SK Telecom,	CP#48 completed		
##	624	410025	Stage 1 for Customized Ringing Signal	CRS	2	Rel-9	S1	06/12/2007	11/12/2008	100%	<a href="#">SP-080502</a>	SK Telecom,	SP#42 completed.		
##	625	440041	Stage 3 for IMS Customized Ringing Signal (CRS) Servi	CRS	2	Rel-9	C1	29/05/2009	03/12/2009	100%	<a href="#">CP-090444</a>	China Mobile	CP#48 completed		
##	626	380057	Public Warning System	PWS	1	Rel-9	S1,C1,C4,I	06/12/2007	04/12/2009	100%	<a href="#">SP-070876</a>	T-Mobile	TSG#46 completed. Larger scope t		
##	627	380058	Stage 1 for Public Warning System	PWS	2	Rel-9	S1	06/12/2007	11/12/2008	100%	<a href="#">SP-070876</a>	T-Mobile	SP#42 completed		
##	628	440029	Stage 3 for Public Warning System	PWS-St3	2	Rel-9	C1,C4	29/05/2009	04/12/2009	100%	<a href="#">CP-090437</a>	Qualcomm	RP#46 completed		
##	629	440030	CT1 aspects of Stage 3 for Public Warning System	PWS-St3	3	Rel-9	C1	29/05/2009	04/12/2009	100%	<a href="#">CP-090437</a>	Qualcomm	CP#46 completed		
##	630	440031	CT4 aspects of Stage 3 for Public Warning System	PWS-St3	3	Rel-9	C4	30/05/2009	04/12/2009	100%	<a href="#">CP-090437</a>	Qualcomm	CP#46 completed		
##	631	440005	Public Warning System (PWS) – RAN aspects	PWS-RAN	2	Rel-9	R2,R3	30/05/2009	04/12/2009	100%	<a href="#">RP-090649</a>	AT&T	RP#46 completed		
##	632	400031	Support of Personal Area Networks and Enhanceme	PAN_EPNM	1	Rel-9	S1,C1	05/06/2008	04/06/2010	100%	<a href="#">SP-080430</a>	Vodafone	CP#48 completed		
##	633	400043	Stage 1 for PAN_EPNM	PAN_EPNM	2	Rel-9	S1	05/06/2008	05/06/2008	100%	<a href="#">SP-080430</a>	Vodafone	SP#40 completed		
##	634	430002	Stage 2 for Support of Personal Area Networks and Enl	PAN_EPNM	2	Rel-9	C1	06/03/2009	04/12/2009	100%	<a href="#">CP-090435</a>	Huawei	CP#46 completed		
##	635	430102	Stage 3 for Support of Personal Area Networks and Enl	PAN_EPNM	2	Rel-9	C1	09/03/2009	04/06/2010	100%	<a href="#">CP-090435</a>	Huawei	CP#48 completed		
##	636	400032	Multi-Media Telephony Service enhancements	eMMTel	1	Rel-9	S1,S5,C1	05/06/2008	25/03/2010	100%	<a href="#">SP-080503</a>	France Telec	SP#47 completed		
##	637	400044	Stage 1 for eMMTel	eMMTel	2	Rel-9	S1	05/06/2008	11/12/2008	100%	<a href="#">SP-080503</a>	France Telec	SP#42 completed		
##	638	430031	Multimedia Telephony (MMTel) Service and Supplemen	eMMTel-SS-CH	2	Rel-9	S5	12/03/2009	25/03/2010	100%	<a href="#">SP-090196</a>	Alcatel-Lucen	SA#47 completed		
##	639	430032	Support of Real-time Transfer of Tariff Information (RTI	IMSTSS-RTTI-CH	2	Rel-9	S5	12/03/2009	25/03/2010	100%	<a href="#">SP-090306</a>	Orange	SA#47 completed. Linked to SA5 Rel		
##	640	440032	Stage 3 - Enhancements for Completion of Communica	eMMTel-CC	2	Rel-9	C1	30/05/2009	04/12/2009	100%	<a href="#">CP-090490</a>	France Telec	CP#46 completed		
##	641	400034	User Data Convergence (UDC)	UDC	1	Rel-9	S1,S5,C4	05/06/2008	10/06/2010	100%	<a href="#">SP-080448</a>	Nokia Sieme	SP#48 completed. Triggered by Re		
##	642	400046	Stage 1 for User Data Convergence (UDC)	UDC	2	Rel-9	S1	05/06/2008	11/12/2008	100%	<a href="#">SP-080448</a>	Nokia Siemer	SP#42 completed		
##	643	430003	User Data Convergence (UDC) Technical Realization (S	UDC-CN	2	Rel-9	C4	06/03/2009	19/03/2010	100%	<a href="#">CP-090017</a>	Ericsson	CP#47 completed		
##	644	450002	User Data Convergence (UDC) Protocol Description	UDC-CN	2	Rel-9	C4	18/09/2009	19/03/2010	100%	<a href="#">CP-090516</a>	China Mobile,	CP#47 completed		
##	645	440060	User Data Convergence (UDC) Modelling and Managem	UDC-MMAN	2	Rel-9	S5	04/06/2009	10/06/2010	100%	<a href="#">SP-090309</a>	T-Mobile, Chi	SP#48 completed		

Page 15

ID	ID	Jnique_IC	Name	Acronym	utiln_eve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	646	440062	UDC – Framework for Model Handling and Management	UDC-MMAN-MFRM	3	Rel-9	S5	04/06/2009	10/06/2010	100%	<a href="#">SP-090311</a>	T-Mobile	SP#48 completed		
##	647	440061	UDC – Common Baseline Information Model	UDC-MMAN-CBIM	3	Rel-9	S5	04/06/2009	25/03/2010	100%	<a href="#">SP-090310</a>	China Mobile,	SP#47 completed		
##	648	410032	IMS Services Centralization and Continuity	IMS_SCC	1	Rel-9	S1,S2,C1	18/09/2008	19/03/2010	100%	<a href="#">SP-080633</a>	NEC	CP#47 completed		
##	649	410033	Stage 1 - Inter-Device Transfer – Requirements	IMS_SCC-IDT	2	Rel-9	S1	18/09/2008	11/12/2008	100%	<a href="#">SP-080507</a>	NEC	SP#42 completed		
##	650	410034	Stage 2 - IMS Service Continuity Enhancements: Service	IMS_SCC-SPI	2	Rel-9	S2	18/09/2008	04/06/2009	100%	<a href="#">SP-080561</a>	Huawei	SP#44 completed. TR 23.838 for App		
##	651	440034	Stage 3 - IMS Service Continuity Enhancements: Service	IMS_SCC-SPI	2	Rel-9	C1	29/05/2009	19/03/2010	100%	<a href="#">CP-090440</a>	Qualcomm	CP#47 completed		
##	652	410035	Stage 2 - IMS Centralized Services	IMS_SCC-ICS	2	Rel-9	S2	18/09/2008	04/06/2009	100%	<a href="#">SP-080634</a>	Alcatel-Lucen	SP#44 completed. TR 23.883 for Info		
##	653	440033	Stage 3 - Enhancements to IMS Centralized Services	IMS_SCC-ICS	2	Rel-9	C1	29/05/2009	19/03/2010	100%	<a href="#">CP-090883</a>	Nokia Siemer	CP#47 completed		
##	654	430004	Stage 3 - IMS Centralized Services support via I1 interf	IMS_SCC-ICS_I1	2	Rel-9	C1	06/03/2009	19/03/2010	100%	<a href="#">CP-090640</a>	Huawei	CP#47 completed		
##	655	420020	Service Specific Access Control in EPS	SSAC	1	Rel-9	S1,C1,R5	11/12/2008	09/12/2011	61%	<a href="#">SP-080882</a>	NTT DoCoMo	CP#47 completed. Triggered by TR		
##	656	420021	Stage 1 for Service Specific Access Control in EPS	SSAC	2	Rel-9	S1	11/12/2008	11/12/2008	100%	<a href="#">SP-080882</a>	NTT DoCoMo	SP#42 completed. If UE supports E-U		
##	657	440040	Stage 3 for Service Specific Access Control in EPS	SSAC	2	Rel-9	C1	29/05/2009	19/03/2010	100%	<a href="#">CP-090885</a>	NTT DoCoMo	CP#47 completed		
##	658	520014	Conformance Test Aspects - Service Specific Access C	SSAC_UEConTest	2	Rel-9	R5	03/06/2011	09/12/2011	0%	<a href="#">RP-110765</a>	NTT DoCoMo	Testing for Stage 3 for Service Specif		
##	659	380064	Support for IMS Emergency Calls over GPRS and EF	IMS_EMER_GPRS_E	1	Rel-9	S1,S2,S3,C1	14/01/2008	09/12/2011	95%	<a href="#">SP-080844</a>	Alcatel-Luce	SP#48 completed		
##	660	410036	Stage 1 for IMS Emergency Calls over GPRS and EPS	IMS_EMER_GPRS_E	2	Rel-9	S1	14/01/2008	11/12/2008	100%	<a href="#">SP-080844</a>	Alcatel-Lucen	SP#42 completed		
##	661	410037	Stage 2 for IMS Emergency Calls over GPRS and EPS	IMS_EMER_GPRS_E	2	Rel-9	S2	14/01/2008	04/06/2009	100%	<a href="#">SP-080844</a>	Alcatel-Lucen	SP#44 completed		
##	662	420022	Security aspects for IMS Emergency Calls over GPRS a	IMS_EMER_GPRS_E	2	Rel-9	S3	12/12/2008	10/06/2010	100%	<a href="#">SP-080844</a>	Alcatel-Lucen	SP#48 completed		
##	663	440035	Stage 3 for IMS Emergency Calls over GPRS and EPS	IMS_EMER_GPRS_E	2	Rel-9	C1,C3,C4,	29/05/2009	09/12/2011	83%	<a href="#">CP-090564</a>	Alcatel-Luce	CP#47 completed		
##	664	440036	CT1 aspects - Stage 3 for IMS Emergency Calls over GPRS	IMS_EMER_GPRS_E	3	Rel-9	C1	29/05/2009	19/03/2010	100%	<a href="#">CP-090564</a>	Alcatel-Lucen	CP#47 completed		
##	665	480029	Conformance Test Aspects - CT1 aspects for IMS Emergen	IMS_EMER_GPRS_E	3	Rel-9	R5	04/06/2010	09/12/2011	65%	<a href="#">RP-100567</a>	Samsung	Testing for UID_440036 CT1 aspects		
##	666	440037	CT3 aspects - Stage 3 for IMS Emergency Calls over GPRS	IMS_EMER_GPRS_E	3	Rel-9	C3	29/05/2009	18/09/2009	100%	<a href="#">CP-090564</a>	Alcatel-Lucen	CP#45 completed		
##	667	440038	CT4 aspects - Stage 3 for IMS Emergency Calls over GPRS	IMS_EMER_GPRS_E	3	Rel-9	C4	29/05/2009	04/12/2009	100%	<a href="#">CP-090564</a>	Alcatel-Lucen	CP#46 completed		
##	668	420041	Support for IMS Emergency Calls over LTE	IMS_EMER_LTE	2	Rel-9	R2,R3	05/12/2008	18/09/2009	100%	<a href="#">RP-081140</a>	Alcatel-Lucen	RP#45 completed		
##	669	470017	Conformance Test Aspects – Support for IMS Emergen	IMS_EMER_LTE_UE	2	Rel-9	R5	25/03/2010	10/12/2010	100%	<a href="#">RP-100118</a>	Ericsson	RP#50 completed. Testing for UID_4		
##	670	410038	SRVCC support for IMS Emergency Calls	IMS_EMER_GPRS_E	2	Rel-9	S2,C1,C4,	18/09/2008	10/12/2009	100%	<a href="#">SP-090099</a>	China Mobil	CP/SP#46 completed		
##	671	410138	SRVCC support for IMS Emergency Calls	IMS_EMER_GPRS_E	3	Rel-9	S2	18/09/2008	10/12/2009	100%	<a href="#">SP-090099</a>	China Mobile	SP#46 completed. SP#43 WID updat		
##	672	460018	CT aspects of SRVCC support for IMS Emergency C	IMS_EMER_GPRS_E	3	Rel-9	C1,C4,C3	29/05/2009	04/12/2009	100%	<a href="#">CP-090882</a>	China Mobil	CP#46 completed. WID updated CF		
##	673	440027	CT1 aspects of SRVCC support for IMS Emergency Cal	IMS_EMER_GPRS_E	4	Rel-9	C1	29/05/2009	04/12/2009	100%	<a href="#">CP-090882</a>	China Mobile	CP#46 completed		
##	674	440028	CT4 aspects of SRVCC support for IMS Emergency Cal	IMS_EMER_GPRS_E	4	Rel-9	C4	29/05/2009	04/12/2009	100%	<a href="#">CP-090882</a>	China Mobile	CP#46 completed		
##	675	460019	CT3 aspects of SRVCC support for IMS Emergency Cal	IMS_EMER_GPRS_E	4	Rel-9	C3	04/12/2009	04/12/2009	100%	<a href="#">CP-090882</a>	China Mobile	CP#46 completed		
##	676	430006	LCS for LTE and EPS	LCS_LTE_EPS	1	Rel-9	S2,C1,C4,	05/06/2008	09/12/2011	88%	<a href="#">not applicable</a>	-	RP#48 Core completed/Test ongoing		
##	677	400038	LCS Control Plane Solution for EPS	LCS_EPS-CPs	2	Rel-9	S2,C4,C1	05/06/2008	19/03/2010	100%	<a href="#">SP-080445</a>	Polaris Wirel	Triggered by abandoned Study UIE		
##	678	400048	Stage 2 for LCS Control Plane Solution for EPS	LCS_EPS-CPs	3	Rel-9	S2	05/06/2008	04/06/2009	100%	<a href="#">SP-080445</a>	Polaris Wirel	SP#44 completed		
##	679	440020	CT4 aspects of Control Plane LCS in the EPC	LCS_EPS-CPs	3	Rel-9	C4	29/05/2009	19/03/2010	100%	<a href="#">CP-090811</a>	Polaris Wirel	CP#47 completed (IANA registrations		
##	680	440120	CT1 aspects of Control Plane LCS in the EPC	LCS_EPS-CPs	3	Rel-9	C1	29/05/2009	19/03/2010	100%	<a href="#">CP-090811</a>	Polaris Wirel	CP#47 completed		
##	681	420006	Positioning Support for LTE	LCS_LTE	2	Rel-9	R2,R1,R3,	05/12/2008	04/06/2010	100%	<a href="#">RP-091389</a>	Qualcomm	RP#48 completed. UID_400038 (LCS		
##	682	470018	Conformance Test Aspects – Positioning Support for L	LCS_LTE_UEConTest	2	Rel-9	R5	19/03/2010	09/12/2011	60%	<a href="#">RP-110669</a>	Qualcomm	RP#52 updated WID RP-100617=>R		
##	683	400039	MBMS support in EPS	MBMS_EPS	1	Rel-9	S2,S3,S5,	05/06/2008	09/12/2011	91%	<a href="#">SP-080737</a>	China Mobil	RP#47 completed. SP#46, CP#46 c		
##	684	400040	Stage 2 for MBMS support in EPS	MBMS_EPS	2	Rel-9	S2	05/06/2008	04/06/2009	100%	<a href="#">SP-080737</a>	China Mobile	SP#44 completed		
##	685	420023	Security for MBMS support in EPS	MBMS_EPS	2	Rel-9	S3	11/12/2008	10/12/2009	100%	<a href="#">SP-080737</a>	China Mobile	SP#46 completed		
##	686	430033	MBMS Charging in EPS	MBMS_EPS	2	Rel-9	S5	06/03/2009	10/12/2009	100%	<a href="#">SP-090052</a>	ZTE	SP#46 completed		
##	687	440025	CT4 aspects of MBMS support in EPS (Stage 3)	MBMS_EPS	2	Rel-9	C4	29/05/2009	04/12/2009	100%	<a href="#">CP-090325</a>	China Mobile,	CP#46 completed		
##	688	440026	CT3 aspects of MBMS support in EPS (Stage 3)	MBMS_EPS	2	Rel-9	C3	29/05/2009	04/12/2009	100%	<a href="#">CP-090330</a>	ZTE, China M	CP#46 completed		

Page 16



ID	ID	Unique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	689	430007	<b>MBMS support in LTE</b>	MBMS_LTE	2	Rel-9	R2,R3,R4	06/03/2009	19/03/2010	100%	<a href="#">RP-091457</a>	Huawei	RP#47 completed		
##	690	500024	<b>Conformance Test Aspects – MBMS support in LTE</b>	MBMS_LTE-UEConT	2	Rel-9	R5	10/12/2010	09/12/2011	50%	<a href="#">RP-101245</a>	Huawei	-		
##	691	420024	<b>Access Network Discovery and Selection Function e</b>	eANDSF	1	Rel-9	S2,C1	11/12/2008	19/03/2010	100%	<a href="#">SP-080887</a>	Motorola	CP#47 completed. No new Rel-9 us		
##	692	420040	<b>Stage 2 for Access Network Discovery and Selection F</b>	eANDSF	2	Rel-9	S2	11/12/2008	04/06/2009	100%	<a href="#">SP-080887</a>	Motorola	SP#44 completed		
##	693	450006	<b>CT1 aspects of Access Network Discovery and Selectio</b>	eANDSF	2	Rel-9	C1	18/09/2009	19/03/2010	100%	<a href="#">CP-090742</a>	Panasonic	CP#47 completed		
##	694	430034	<b>Multiple PDN Connection to the Same APN for PMIP</b>	MUPSAP	1	Rel-9	S2,C4,C1	13/03/2009	19/03/2010	100%	<a href="#">SP-090098</a>	Samsung	CP#47 completed. Continues Rel-8		
##	695	430134	<b>Stage 2 for Multiple PDN Connection to the Same APN</b>	MUPSAP	2	Rel-9	S2	13/03/2009	04/06/2009	100%	<a href="#">SP-090098</a>	Samsung	SP#44 completed		
##	696	450007	<b>CT4 aspects of Multiple PDN Connection to the Same A</b>	MUPSAP	2	Rel-9	C4	18/09/2009	04/12/2009	100%	<a href="#">CP-090515</a>	Samsung	CP#46 completed		
##	697	450008	<b>CT1 aspects of Multiple PDN Connection to the Same A</b>	MUPSAP	2	Rel-9	C1	18/09/2009	19/03/2010	100%	<a href="#">CP-090515</a>	Samsung	CP#47 completed		
##	698	450049	<b>System aspects of vocoder rate adaptation for LTE</b>	LTEimp-Vocoder	1	Rel-9	S2,S4,R2	30/05/2009	10/12/2009	100%	<a href="#">SP-090653</a>	Qualcomm	SP#46 completed. Triggered by RA		
##	699	450050	<b>SA2 system aspects of vocoder rate adaptation for LTE</b>	LTEimp-Vocoder	2	Rel-9	S2	04/06/2009	24/09/2009	100%	<a href="#">SP-090653</a>	Qualcomm	SP#45 completed (CR adding suppor		
##	700	450051	<b>SA4 system aspects of vocoder rate adaptation for LTE</b>	LTEimp-Vocoder	2	Rel-9	S4	04/06/2009	10/12/2009	100%	<a href="#">SP-090653</a>	Qualcomm	SP#46 completed		
##	701	440013	<b>Vocoder rate adaptation for LTE</b>	LTEimp-Vocoder	2	Rel-9	R2	30/05/2009	18/09/2009	100%	<a href="#">RP-090978</a>	Alcatel-Lucen	RP#45 completed		
##	702	33025	<b>Access Security Enhancements</b>	ACCSEC2	1	Rel-9	S3	02/07/2007	04/06/2009	100%	<a href="#">SP-040865</a>	Ericsson	SP#44 completed. Stopped TR 33.80		
##	703	410027	<b>Protection against Unsolicited Communication for II</b>	PUCI	1	Rel-9	S3,S1	18/09/2008	10/12/2009	100%	<a href="#">SP-080482</a>	NEC	SP#46 TR 33.937 completed but no		
##	704	410028	<b>Stage 1 for PUCI</b>	PUCI	2	Rel-9	S1	18/09/2008	11/12/2008	100%	<a href="#">SP-080482</a>	NEC	SP#42 completed		
##	705	410029	<b>SA3 work on PUCI</b>	PUCI	2	Rel-9	S3	18/09/2008	10/12/2009	100%	<a href="#">SP-080482</a>	NEC	SP#46 completed. No normative work		
##	706	430036	<b>IMS Media Plane Security</b>	MEDIASEC	1	Rel-9	S3,C1,C4,i	13/03/2009	04/06/2010	100%	<a href="#">SP-090128</a>	Vodafone	CP#48 completed		
##	707	430136	<b>SA3 aspects of IMS Media Plane Security</b>	MEDIASEC	2	Rel-9	S3	13/03/2009	25/03/2010	100%	<a href="#">SP-090128</a>	Vodafone	SP#47 completed		
##	708	460020	<b>CN aspects of IMS Media Plane Security</b>	MEDIASEC_CORE	2	Rel-9	C1,C4,C3	18/09/2009	04/06/2010	100%	<a href="#">CP-090884</a>	Vodafone	CP#48 completed		
##	709	450010	<b>CT1 aspects of IMS Media Plane Security</b>	MEDIASEC_CORE	3	Rel-9	C1	18/09/2009	19/03/2010	100%	<a href="#">CP-090884</a>	Vodafone	CP#47 completed		
##	710	450021	<b>CT4 aspects of IMS Media Plane Security</b>	MEDIASEC_CORE	3	Rel-9	C4	18/09/2009	19/03/2010	100%	<a href="#">CP-090884</a>	Vodafone	CP#47 completed		
##	711	460021	<b>CT3 aspects of IMS Media Plane Security</b>	MEDIASEC_CORE	3	Rel-9	C3	04/12/2009	04/06/2010	100%	<a href="#">CP-090884</a>	Vodafone	CP#48 completed		
##	712	440053	<b>GBAPush enhancements (Generic push layer)</b>	eGBAPush	1	Rel-9	S3	12/03/2008	25/03/2010	100%	<a href="#">SP-090282</a>	Ericsson	SP#43 umbrella to host 33.224, mo		
##	713	420039	<b>SA3 part of eGBAPush (Generic push layer)</b>	eGBAPush	2	Rel-9	S3	12/03/2008	25/03/2010	100%	<a href="#">SP-090282</a>	Ericsson	SP#47 completed		
##	714	440054	<b>Extended Identity Management</b>	GBA-IdM	1	Rel-9	S3	04/06/2009	10/12/2009	100%	<a href="#">SP-090284</a>	Nokia	SP#46 completed. Stage 1 not identif		
##	715	440056	<b>Network Domain Security (NDS) enhancements to si</b>	NDS_Backhaul	1	Rel-9	S3,C4	04/06/2009	25/03/2010	100%	<a href="#">SP-090286</a>	Vodafone	SP#47 completed. Continuation of		
##	716	440156	<b>SA3 part of Network Domain Security (NDS) enhancem</b>	NDS_Backhaul	2	Rel-9	S3	04/06/2009	25/03/2010	100%	<a href="#">SP-090286</a>	Vodafone	SP#47 completed		
##	717	440256	<b>CT4 part of Network Domain Security (NDS) enhancem</b>	NDS_Backhaul	2	Rel-9	C4	04/06/2009	04/12/2009	100%	<a href="#">SP-090286</a>	Vodafone	CP#46 completed. No impact on CT4		
##	718	440057	<b>128 bit encryption for GSM and GPRS</b>	A5/4-GEA4	1	Rel-9	S3,C1,C4,i	04/06/2009	10/12/2009	100%	<a href="#">SP-090287</a>	Ericsson	Allow 128 as an alternative to 64 bi		
##	719	440157	<b>SA3 part of 128 bit encryption for GSM and GPRS</b>	A5/4-GEA4	2	Rel-9	S3	04/06/2009	10/12/2009	100%	<a href="#">SP-090287</a>	Ericsson	SP#46 completed		
##	720	440357	<b>CT1 part of 128 bit encryption for GSM and GPRS</b>	A5/4-GEA4	2	Rel-9	C1	04/06/2009	18/09/2009	100%	<a href="#">SP-090287</a>	Ericsson	CP#45 completed		
##	721	440457	<b>CT4 part of 128 bit encryption for GSM and GPRS</b>	A5/4-GEA4	2	Rel-9	C4	04/06/2009	10/12/2009	100%	<a href="#">SP-090287</a>	Ericsson	CP#46 completed. Kc128 enhanceme		
##	722	440557	<b>GERAN2 part of 128 bit encryption for GSM and GPRS</b>	A5/4-GEA4	2	Rel-9	G2	04/06/2009	04/09/2009	100%	<a href="#">GP-091212</a>	Ericsson	GP#43 WID approved + completed		
##	723	440657	<b>GERAN3new (testing) part of 128 bit encryption for GSI</b>	A5/4-GEA4	2	Rel-9	G3new	04/06/2009	20/11/2009	100%	<a href="#">GP-091212</a>	Ericsson	GP#44 completed. GP#43 WID appr		
##	724	440257	<i>Deleted - SA2 part of 128 bit encryption for GSM and GPRS</i>	A5/4-GEA4	2	Rel-9	S2	04/06/2009	24/09/2009	100%	<a href="#">SP-090287</a>	Ericsson	SP#45 work stopped/abandoned		
##	725	420027	<b>Timed Graphics</b>	TG	1	Rel-9	S4	11/12/2008	25/03/2010	100%	<a href="#">SP-080683</a>	Ericsson	SP#47 completed. Provide graphics ii		
##	726	430037	<b>Managing MTSI Media Adaptation</b>	M3A	1	Rel-9	S4	12/03/2009	10/12/2009	100%	<a href="#">SP-090021</a>	Samsung	SP#46 completed. Work extending Ri		
##	727	440046	<b>PSS and MBMS Aspects</b>	PMA	1	Rel-9	S4	12/03/2009	25/03/2010	100%	<a href="#">SP-090261</a>	Ericsson, Nok	Umbrella WI		
##	728	430038	<b>PSS and MBMS extensions</b>	PMA-MBS_Ext	2	Rel-9	S4	12/03/2009	25/03/2010	100%	<a href="#">SP-090262</a>	Ericsson	SP#47 completed. Extends Rel-8 UID		
##	729	430039	<b>Improved Video Support for PSS and MBMS</b>	PMA-IVS	2	Rel-9	S4	12/03/2009	25/03/2010	100%	<a href="#">SP-090263</a>	Nokia	SP#47 completed		
##	730	430046	<b>IMS based PSS and MBMS User Service extensions</b>	IMS_PSS_MBMS_US	1	Rel-9	S4	12/03/2009	10/12/2009	100%	<a href="#">SP-090225</a>	Ericsson	SP#46 completed. Work extending Ri		
##	731	440051	<b>Syndicated Feed Reception within 3GPP environme</b>	SFR	1	Rel-9	S4	04/06/2009	10/12/2009	100%	<a href="#">SP-090260</a>	Ericsson	SP#46 completed. TS 26.150v100 for		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	732	450048	<a href="#">Distortion Measurement Test Methods and Require</a>	DTMR	1	Rel-9	S4	24/09/2009	25/03/2010	100%	<a href="#">SP-090575</a>	Motorola	SP#47 completed		
##	733	420029	<a href="#">Rel-9 Operations, Administration, Maintenance and I</a>	OAM9	1	Rel-9	S5	22/02/2008	10/06/2010	100%	<a href="#">not applicable</a>	-	SP#42 umbrella Feature created to		
##	734	420030	<a href="#">Network Infrastructure Management</a>	OAM9-NIM	2	Rel-9	S5	11/12/2008	25/03/2010	100%	<a href="#">not applicable</a>	-	SP#42 umbrella BB created to hosi		
##	735	420031	Software Management for Network Elements	OAM9-NE_SWM	3	Rel-9	S5	11/12/2008	25/03/2010	100%	<a href="#">SP-080756</a>	Huawei, Noki	SP#47 completed		
##	736	440064	Service Oriented Architecture (SOA) for IRP	OAM9	3	Rel-9	S5	04/06/2009	25/03/2010	100%	<a href="#">SP-090313</a>	Ericsson, Nok	SP#47 completed (covering SOA Arc		
##	737	440065	IRP SOAP Solution Sets continuation from Rel-8	OAM9	3	Rel-9	S5	04/06/2009	25/03/2010	100%	<a href="#">SP-090314</a>	Ericsson	SP#47 completed. Continuation of Re		
##	738	420032	<a href="#">Performance Management</a>	OAM9-PM	2	Rel-9	S5	12/03/2009	10/06/2010	100%	<a href="#">not applicable</a>	-	SP#42 umbrella BB created to hosi		
##	739	440059	Enhancement of UTRAN Performance Measurements	OAM9	3	Rel-9	S5	04/06/2009	10/12/2009	100%	<a href="#">SP-090308</a>	China Mobile	SP#46 completed		
##	740	430041	Enhancement of E-UTRAN Performance Measurements	OAM9	3	Rel-9	S5	12/03/2009	10/06/2010	100%	<a href="#">SP-090053</a>	Motorola, Hu	SP#48 completed		
##	741	430042	Enhancement of EPC Performance Measurements	OAM9	3	Rel-9	S5	12/03/2009	10/12/2009	100%	<a href="#">SP-090049</a>	China Mobile	SP#46 completed		
##	742	430043	<a href="#">Self-Organizing Networks (SON) - OAM aspects</a>	OAM9-SON	2	Rel-9	S5	22/02/2008	10/06/2010	100%	<a href="#">not applicable</a>	-	SP#43 umbrella BB created to hosi		
##	743	390007	SON self-optimization management	LTE_SON-OAM	3	Rel-9	S5	22/02/2008	10/06/2010	100%	<a href="#">SP-100091</a>	Huawei	SP#48 completed		
##	744	440067	Automatic Radio Network Configuration Data Preparation	OAM9	3	Rel-9	S5	04/06/2009	10/06/2010	100%	<a href="#">SP-090869</a>	Nokia Siemer	SP#48 completed		
##	745	440058	<a href="#">Subscription Management (SuM) evolution</a>	OAM9-SuM	2	Rel-9	S5	04/06/2009	10/06/2010	100%	<a href="#">SP-090307</a>	Ericsson	SP#48 completed		
##	746	420033	<i>Deleted - Trace</i>	<i>OAM9-Trace</i>	2	<i>Rel-9</i>	<i>S5</i>	<i>13/03/2009</i>	<i>10/12/2009</i>	100%	<a href="#">not applicable</a>	-	<i>SP#46 stopped (no work in Rel-9)</i>		
##	747	440068	<a href="#">Rel-9 Charging Management small Enhancements</a>	CH9	1	Rel-9	S5	04/06/2009	25/03/2010	100%	<a href="#">not applicable</a>	-	SP#47 completed		
##	748	400008	<a href="#">CS-IBCF and CS-TrGW definition in 3GPP specificat</a>	CS-IBCF	1	Rel-9	C3,C4	30/05/2008	19/03/2010	100%	<a href="#">CP-090073</a>	Telecom Itali	CP#47 completed. Rel-8 UID_38006		
##	749	400109	CT3 aspects of CS-IBCF and CS-TrGW definition in 3G	CS-IBCF	2	Rel-9	C3	30/05/2008	19/03/2010	100%	<a href="#">CP-090073</a>	Telecom Italie	CP#47 completed		
##	750	400010	CT4 aspects of CS-IBCF and CS-TrGW definition in 3G	CS-IBCF	2	Rel-9	C4	30/05/2008	04/12/2009	100%	<a href="#">CP-090073</a>	Telecom Italie	CP#46 completed		
##	751	410008	<a href="#">IMS – Interconnection Border Control Function (IBC</a>	IMS_IBCF	1	Rel-9	C4,C3	12/09/2008	04/12/2009	100%	<a href="#">CP-090019</a>	Alcatel-Luce	CP#46 completed		
##	752	410108	CT4 part of IMS – Interconnection Border Control Func	IMS_IBCF	2	Rel-9	C4	12/09/2008	04/12/2009	100%	<a href="#">CP-090019</a>	Alcatel-Lucen	CP#46 completed		
##	753	410208	CT3 part of IMS – Interconnection Border Control Func	IMS_IBCF	2	Rel-9	C3	12/09/2008	04/12/2009	100%	<a href="#">CP-090019</a>	Alcatel-Lucen	CP#46 completed		
##	754	410009	<a href="#">IMS Application Level Gateway Control Function (AL</a>	IMS_AGCF	1	Rel-9	C4	12/09/2008	04/12/2009	100%	<a href="#">CP-090020</a>	Alcatel-Lucen	CP#46 completed		
##	755	420016	<a href="#">Enhancements of IMS Customized Alerting Tone (C/</a>	eCAT	1	Rel-9	C1	05/12/2008	04/06/2010	100%	<a href="#">CP-080796</a>	China Mobile	CP#48 completed. Stage 1 in 22.18		
##	756	420017	<a href="#">Stage 3 for Enhancements of IMS Customized Alerting</a>	eCAT-SS	2	Rel-9	C1	05/12/2008	04/06/2010	100%	<a href="#">CP-080796</a>	China Mobile	CP#48 completed		
##	757	440017	<a href="#">Completion of IMS Restoration Procedures</a>	eIMS_RP	1	Rel-9	C3, C4,C1	29/05/2009	19/03/2010	100%	<a href="#">CP-091050</a>	Ericsson	CP#47 completed. Continuation of		
##	758	440018	CT4 aspects of Completion of IMS Restoration Procedu	eIMS_RP	2	Rel-9	C4	29/05/2009	19/03/2010	100%	<a href="#">CP-091050</a>	Ericsson	CP#47 completed		
##	759	440019	CT1 aspects of Completion of IMS Restoration Procedu	eIMS_RP	2	Rel-9	C1	29/05/2009	19/03/2010	100%	<a href="#">CP-091050</a>	Ericsson	CP#47 completed		
##	760	460022	CT3 aspects of Completion of IMS Restoration Procedu	eIMS_RP	2	Rel-9	C3	29/05/2009	19/03/2010	100%	<a href="#">CP-091050</a>	Ericsson	CP#47 completed		
##	761	440039	<a href="#">IMS Stage 3 - IETF Protocol Alignment</a>	IMSProtoc3	1	Rel-9	C1	29/05/2009	19/03/2010	100%	<a href="#">CP-090491</a>	Alcatel-Lucen	CP#47 completed		
##	762	440070	<a href="#">Operational description of the Inter-IMS Network to I</a>	II-NNI	1	Rel-9	C3	29/05/2009	04/06/2010	100%	<a href="#">CP-090331</a>	Orange	CP#48 completed		
##	763	450005	<a href="#">Definition of MI interface for Control Plane LCS (Sta</a>	EMC2	1	Rel-9	C1	18/09/2009	19/03/2010	100%	<a href="#">CP-090746</a>	Alcatel-Lucen	CP#47 completed [Stage 3 for Rel-7 I		
##	764	450009	<a href="#">PCC enhancements</a>	PCC-Enh	1	Rel-9	C3	18/09/2009	04/12/2009	100%	<a href="#">CP-090744</a>	Huawei	CP#46 completed		
##	765	460004	<a href="#">3GPP IMS Conferencing Management Object (MO)</a>	IMS_ConfMO	1	Rel-9	C1	03/12/2009	04/12/2009	100%	<a href="#">CP#46 Report</a>	-	CP#46 completed. Linked to Rel-6 UI		
##	766	470004	<a href="#">In Case of Emergency (ICE) Graphics</a>	ICE_Graphics	1	Rel-9	C6	17/03/2010	19/03/2010	100%	<a href="#">CP-100178</a>	Sagem-Orga	CP#47 approved WID and completed		
##	767	410023	<a href="#">Rel-9 Improvements of the Radio Interface</a>	RInImp9	1	Rel-9	RP,GP	12/09/2008	19/03/2010	100%	<a href="#">not applicable</a>	-	RP#41 umbrella Feature created to		
##	768	410017	<a href="#">LCR TDD UE OTA Performance Requirements</a>	RInImp9-RFLCROTA	2	Rel-9	R4	12/09/2008	29/05/2009	100%	<a href="#">RP-080744</a>	RITT	RP#44 completed technical work (RA		
##	769	410019	<a href="#">RF requirements for Multicarrier and Multi-RAT BS</a>	RInImp9-RFmulti	2	Rel-9	R4,G1	21/11/2008	19/03/2010	100%	<a href="#">RP-091381</a>	Ericsson	RP#47 completed. RF requirement:		
##	770	420009	RAN4 part of RF requirements for Multicarrier and Multi RAT BS	RInImp9-Rfmulti	3	Rel-9	R4	05/12/2008	19/03/2010	100%	<a href="#">RP-091381</a>	Ericsson	RP#48 completed		
##	771	420001	GERAN part of RF requirements for Multicarrier and Multi RAT BS	RInImp9-RFmulti-GEI	3	Rel-9	G1	21/11/2008	20/11/2009	100%	<a href="#">GP-081945</a>	Ericsson	GP#44 Core spec completed (ongoing		
##	772	420010	<a href="#">Extended UMTS/LTE 800 MHz</a>	RInImp9-UMTSLTE800	2	Rel-9	R4,R2,R3	05/12/2008	18/09/2009	100%	<a href="#">RP-080884</a>	NTT DoCoMo	RP#45 completed		
##	773	430009	<a href="#">UMTS/LTE 800 MHz for Europe</a>	RInImp9-UMTSLTE800	2	Rel-9	R4,R2,R3	06/03/2009	19/03/2010	100%	<a href="#">RP-090156</a>	Ericsson	RP#47 completed		
##	774	430010	<a href="#">Performance requirement for LCR TDD with UE speeds</a>	RInImp9-LCRTDD35C	2	Rel-9	R4	06/03/2009	04/12/2009	100%	<a href="#">RP-090258</a>	CATT	RP#46 completed		

ID	ID	Unique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														May	Qtr 3, 2011 Jul
##	775	440004	Extended UMTS/LTE 1500 MHz	UMTSLTE1500	2	Rel-9	R4,R2,R3	30/05/2009	19/03/2010	100%	<a href="#">RP-090470</a>	NTT DoCoMo	RP#47 completed. For potential depic		
##	776	440006	Rel-9 Improvements of the Radio Interface - UE Con	RInImp-UEConTest	1	Rel-9	R5	19/05/2009	17/09/2010	100%	<a href="#">not applicable</a>	-	-		
##	777	440007	Conformance Test Aspects – UMTS/LTE in 800 MHz for	RInImp-UEConTest-L	2	Rel-9	R5	19/05/2009	17/09/2010	100%	<a href="#">RP-090485</a>	Ericsson	RP#49 completed. Testing for UID_4;		
##	778	450017	Conformance Test Aspects – Extended UMTS/LTE 1500	UMTSLTE1500_UEC	2	Rel-9	R5	18/09/2009	04/06/2010	100%	<a href="#">RP-091366</a>	NTT DoCoMo	RP#48 completed		
##	779	440012	TDD UE Over The Air (Antenna) conformance testing m	UEAnt_TDDTest	2	Rel-9	R5	30/05/2009	18/09/2009	100%	<a href="#">RP-090621</a>	CATR	RP#45 completed. Finalized TDD UE		
##	780	470019	Conformance Test Aspects – Performance requirement	RInImp9-LCRTDD35	2	Rel-9	R5	19/03/2010	04/06/2010	100%	<a href="#">RP-100167</a>	CATT	RP#48 completed. Testing for UID_4;		
##	781	450018	Conformance Test Aspects – SMS over IMS in E-UTR	SMSoverIMS_UECor	1	Rel-9	R5	18/09/2009	19/03/2010	100%	<a href="#">RP-090959</a>	Alcatel-Lucen	RP#47 completed		
##	782	430013	Rel-9 RAN improvements	RANimp	1	Rel-9	RP	06/03/2009	19/03/2010	100%	<a href="#">not applicable</a>	-	RP#47 completed		
##	783	430014	Dual-Cell HSUPA	RANimp-DC_HSUPA	2	Rel-9	R1,R2,R3,	06/03/2009	19/03/2010	100%	<a href="#">RP-090014</a>	Nokia Siemer	RP#47 completed		
##	784	430015	Support for different bands for Dual-Cell HSDPA	RANimp-MultiBand_C	2	Rel-9	R4,R2,R3	06/03/2009	04/12/2009	100%	<a href="#">RP-090973</a>	Nokia Siemer	RP#46 completed		
##	785	430016	Combination of DC-HSDPA with MIMO	RANimp-DC_MIMO	2	Rel-9	R1,R2,R3,	06/03/2009	04/12/2009	100%	<a href="#">RP-090332</a>	Ericsson	RP#46 completed		
##	786	430018	Transmit Antenna Array (TxAA) extension for non-MIMO	RANimp-TxAA_nonM	2	Rel-9	R1,R2,R3,	06/03/2009	04/12/2009	100%	<a href="#">RP-090013</a>	Nokia	RP#46 completed		
##	787	440014	Cell Portion for 1.28 Mcps TDD	CP_LCRTDD	2	Rel-9	R3,R1,R4	30/05/2009	04/12/2009	100%	<a href="#">RP-090659</a>	CATT	RP#46 completed		
##	788	490025	Rel-9 RAN improvements - UE Conformance Testing	-	1	Rel-9	R5	17/09/2010	09/12/2011	51%	<a href="#">not applicable</a>	-	-		
##	789	490019	Conformance Test Aspects – Combination of DC-HSDP	RANimp-DC_MIMO_I	2	Rel-9	R5	17/09/2010	03/06/2011	100%	<a href="#">RP-101001</a>	Ericsson	UTRA. RP#52 completed. Testing for		
##	790	510014	Conformance Test Aspects – Dual-Cell HSUPA	RANimp-DC_HSUPA	2	Rel-9	R5	18/03/2011	09/12/2011	5%	<a href="#">RP-110116</a>	Ericsson	UTRA. Testing for Rel-9 UID_430014		
##	791	510013	Conformance Test Aspects – Support for different band	RANimp-MultiBand_C	2	Rel-9	R5	18/03/2011	16/09/2011	50%	<a href="#">RP-110115</a>	Ericsson	UTRA. Testing for Rel-9 UID_430015		
##	792	420007	LTE improvements	LTEimp	1	Rel-9	RP	06/03/2009	03/06/2011	100%	<a href="#">not applicable</a>	-	-		
##	793	430019	LTE Pico NodeB RF Requirements	LTEimp-Pico_eNB-Rf	2	Rel-9	R4	06/03/2009	04/12/2009	100%	<a href="#">RP-091155</a>	Huawei	RP#46 completed		
##	794	430029	Enhanced Dual-Layer transmission for LTE	LTEimp-eDL	2	Rel-9	R1,R2,R4	06/03/2009	19/03/2010	100%	<a href="#">RP-091385</a>	China Mobile	RP#47 completed		
##	795	490018	UE Conformance Test Aspects – Enhanced Dual-layer t	LTEimp-eDL_UECon	2	Rel-9	R5	17/09/2010	03/06/2011	100%	<a href="#">RP-100868</a>	China Mobile	RP#52 completed. Testing for UID_4;		
##	796	420011	Self-Organizing Networks (SON)	SON	1	Rel-9	R3,R2	06/03/2009	19/03/2010	100%	<a href="#">RP-090162</a>	Nokia Siemer	RP#47 completed		
##	797	38002	A-GNSS Performances and Testing Procedures	AGNSSPTP	1	Rel-9	GP	16/05/2008	20/05/2011	100%	<a href="#">GP-092342</a>	Thales	GP#46 still ongoing MS testing. Lin		
##	798	38003	A-GNSS Minimum Performances	AGNSSPTP- Perfreq	2	Rel-9	G1	16/05/2008	05/03/2010	100%	<a href="#">GP-081786</a>	Thales	GP#45 completed (open performance		
##	799	38004	A-GNSS Testing Procedures	AGNSSPTP-MSTest	2	Rel-9	G3new	16/05/2008	20/05/2011	100%	<a href="#">GP-092343</a>	Thales	GP#50 completed		
##	800	420002	Voice services over Adaptive Multi-user channels or	VAMOS	1	Rel-9	GP,G1,G2	21/11/2008	02/03/2012	89%	<a href="#">GP-081949</a>	Nokia Sieme	GP#46 completion 05/10=>09/10. G		
##	801	420003	Stage 2 for Voice services over Adaptive Multi-user cha	VAMOS	2	Rel-9	GP,G1,G2	21/11/2008	21/05/2010	100%	<a href="#">GP-081964</a>	Nokia Siemer	GP#46 completed		
##	802	420004	Stage 3 for Voice services over Adaptive Multi-user cha	VAMOS	2	Rel-9	GP,G1,G2	24/11/2008	04/03/2011	100%	<a href="#">GP-081965</a>	Nokia Siemer	GP#49 completed		
##	803	420005	VAMOS Radio Performance Requirements	VAMOS	2	Rel-9	GP,G1,G2	24/11/2008	20/05/2011	100%	<a href="#">GP-081966</a>	Nokia Siemer	GP#50 completed		
##	804	490005	VAMOS - MS conformance testing	VAMOS_MSTest	2	Rel-9	G3new	03/09/2010	02/03/2012	40%	<a href="#">GP-101604</a>	Research In I	GP#47 WID approved		
##	805	500001	VAMOS - BTS conformance testing	VAMOS_BTSTest	2	Rel-9	G1	26/11/2010	02/09/2011	90%	<a href="#">GP-102005</a>	Nokia Siemer	GP#50 completion 05/11=>08/11. GP		
##	806	440002	Cell Broadcast protocol Base Station Controller – C	CEBRO	1	Rel-9	GP,C1	15/05/2009	19/03/2010	100%	<a href="#">GP-091022</a>	Ericsson	CP#47 completed. GP#45 complete		
##	807	440102	GERAN part of Cell Broadcast protocol Base Station C	CEBRO	2	Rel-9	GP	15/05/2009	05/03/2010	100%	<a href="#">GP-091022</a>	Ericsson	GP#45 completed. GP#42 WID appr		
##	808	440202	CT1 part of Cell Broadcast protocol Base Station Contr	CEBRO	2	Rel-9	C1	15/05/2009	19/03/2010	100%	<a href="#">GP-091022</a>	Ericsson	CP#47 completed		
##	809	440003	Hybrid Location	HILT	1	Rel-9	GP	18/05/2009	20/11/2009	100%	<a href="#">GP-091075</a>	TruePosition	GP#44 completed. GP#42 WID appr		
##	810	420099	(Small) Technical Enhancements and Improvements	TEI9	1	Rel-9	All	15/09/2008	10/12/2009	100%	<a href="#">not applicable</a>	-	SP#46 completed		
##	811	460002	Test - (Small) Technical Enhancements and Improve	TEI9_Test	1	Rel-9	R5,G3new	20/11/2009	24/12/2010	100%	<a href="#">not applicable</a>	-	GP#44 created		
##	812	330017	Deleted - Services Alignment and Migration	ServAI	1	Rel-9	S1	06/12/2006	18/09/2008	100%	<a href="#">SP-070126</a>	Telefónica O	SP#41 closed (no tangible result of th		
##	813	410001	Deleted - Stage 1 for ServAI	ServAI	2	Rel-9	S1	06/12/2006	18/09/2008	100%	<a href="#">SP-070126</a>	Telefónica O	SP#41 closed (no tangible result of th		
##	814	380071	Deleted - Harmonization of Gq/Rx for Common IMS	IMS_Comm_GqRx_f	1	Rel-9	S2	14/01/2008	12/03/2009	100%	<a href="#">SP-070822</a>	Alcatel-Lucen	SP#43 stopped. LS_out to TISPAN in		
##	815	380081	Deleted - Support of WiMAX - LTE Mobility	WiMAX_LTE_Mobility	1	Rel-9	R2	06/06/2008	25/12/2009	100%	<a href="#">RP-070511</a>	Samsung	RP#39: No agreed WID		
##	816	380082	Deleted - Support of WiMAX - UMTS Mobility	WiMAX_UMTS_Mobi	1	Rel-9	R2	06/06/2008	25/12/2009	100%	<a href="#">RP-070511</a>	Intel	RP#39: No agreed WID		
##	817	380086	Deleted - Definition of 3GPP UICC services over the new high-speed interface	UICCCHS	1	Rel-9	C6	19/03/2010	19/03/2010	100%	<a href="#">CP-070837</a>	Gemalto	CP#47 work stopped/abandoned		

ID	ID	Jnique_IC	Name	Acronym	utilite leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	818	390040	<i>Deleted - SAES Enhancements (non RAN aspects)</i>	SAES_Ph2	1	Rel-9	S2	25/06/2007	08/12/2008	100%	-	Nokia Siemer	SP#39 created to host Rel-9 Wis. BU		
##	819	350028	<i>Deleted - Functions and procedures for SAE to support LTE MBMS</i>	SAES_Ph2	2	Rel-9	S2	25/06/2007	08/12/2008	100%	-	-	SP#39 SAE functionality moved to Re		
##	820	390041	<i>Deleted - CS over EPS</i>	SAES_Ph2	2	Rel-9	S2	12/03/2008	08/12/2008	100%	-	-	SP#39 SAE functionality moved to Re		
##	821	390042	<i>Deleted - SAE for generic support for non-3GPP accesses</i>	SAES_Ph2	2	Rel-9	S2	25/06/2007	09/06/2008	100%	-	-	SP#39 SAE functionality moved to Re		
##	822	390043	<i>Deleted - Single Radio Aspects of SAE for Optimized Handover with</i>	SAES_Ph2	3	Rel-9	S2	25/06/2007	09/06/2008	100%	-	-	SP#39 SAE functionality moved to Re		
##	823	440071	<i>Deleted - Lawful Interception in the 3GPP Rel-9</i>	LI9	1	Rel-9	S3	04/06/2009	25/03/2010	100%	<a href="#">SP-090831</a>	PIDS, Nortel	SP#47 stopped. WI + new topics mov		
##	824	0	<b>Release 9 Studies</b>	-	1	Rel-9	CP,RP,SP	05/06/2008	19/03/2010	100%	-	-	-		
##	825	400036	<b>Study on Service Specific Access Control in EPS</b>	FS_SSAC	1	Rel-9	S1	05/06/2008	11/12/2008	100%	<a href="#">SP-080319</a>	NTT DoCoMo	SP#42 completed. Spin-off Feature U		
##	826	350052	<b>Study on CS Domain Services over EPS access</b>	FS_CSoPS	1	Rel-9	S2	25/04/2007	12/03/2009	100%	<a href="#">SP-080800</a>	T-Mobile	SP#43 completed. Linked to Combina		
##	827	370043	<b>Study on Extended Support of IMS Emergency Calls</b>	FS_IMS-eCall	1	Rel-9	S2	24/09/2007	11/12/2008	100%	<a href="#">SP-070547</a>	Qualcomm	SP#42 completed		
##	828	320031	<b>Study on Service Continuity for Emergency Voice Ca</b>	FS_VCCeM	1	Rel-9	S2	08/06/2006	12/03/2009	100%	<a href="#">SP-080555</a>	Nortel	SP#43 completed		
##	829	370053	<b>Study on Security Aspects of Remote Provisioning a</b>	FS_UM2M	1	Rel-9	S3,C6	06/04/2004	10/12/2009	100%	<a href="#">SP-070702</a>	Ericsson	SP#46 completed. Triggered by the S		
##	830	360006	<b>Study on System Maintenance over ltf-N</b>	FS_OAM-Maint-ltf-N	1	Rel-9	S5	07/06/2007	24/09/2009	100%	<a href="#">SP-070306</a>	ZTE	SP#45 completed		
##	831	360007	<b>Study on Self-Organizing Networks (SON) related O</b>	FS_OAM-SON-HNB	1	Rel-9	S5	07/06/2007	04/06/2009	100%	<a href="#">SP-080461</a>	Huawei	SP#44 completed. Linked to SA5 TR		
##	832	390017	<b>Study on Self-healing of Self-Organizing Networks (</b>	FS_OAM-SON-SH	1	Rel-9	S5	22/02/2008	24/09/2009	100%	<a href="#">SP-080076</a>	ZTE	SP#45 completed. Linked to SA5 TR		
##	833	400029	<b>Study on Service Oriented Architecture (SOA) for IRI</b>	FS_OAM_SOA_IRP	1	Rel-9	S5	05/06/2008	04/06/2009	100%	<a href="#">SP-080281</a>	Ericsson	SP#44 completed. Spin-off implement		
##	834	380079	<b>Study on Evaluation of the inclusion of Path Loss B</b>	FS_RAN-Pathloss	1	Rel-9	R4	17/12/2007	04/12/2009	100%	<a href="#">RP-071050</a>	Polaris Wirele	RP#46 completed		
##	835	390031	<b>Study on LTE-Advanced</b>	FS_RAN_LTEA	1	Rel-9	R1,R2,R3,	23/03/2007	19/03/2010	100%	<a href="#">RP-091360</a>	NTT DoCoMo	RP#47 completed		
##	836	410016	<b>Study on 1.28 Mcps TDD Home NodeB</b>	FS_RAN-HNBLCRTC	1	Rel-9	R4	20/02/2008	04/12/2009	100%	<a href="#">RP-080767</a>	TD Tech	RP#46 completed		
##	837	420012	<b>Study on E-UTRAN Mobility Evaluation and Enhance</b>	FS_EUTRAN_mob	1	Rel-9	R1	05/12/2008	29/05/2009	100%	<a href="#">RP-081137</a>	Qualcomm	RP#44 closed (RP-090452 R1 LS to I		
##	838	430021	<b>Study on Minimization of drive-tests in Next Genera</b>	FS_NGN_min_drive-l	1	Rel-9	R2	06/03/2009	04/12/2009	100%	<a href="#">RP-090341</a>	Qualcomm	RP#46 completed		
##	839	430027	<b>Study on Enhanced Interference Management for HN</b>	FS_eInterfMgmt_HNE	1	Rel-9	R4	06/03/2009	29/05/2009	100%	<a href="#">RP-090361</a>	Qualcomm	RP#44 completed. Linked to UID_42C		
##	840	440015	<b>Study on Enhanced Interference Management Mech</b>	FS_eInterfMgmtMchs	1	Rel-9	R3	30/05/2009	18/09/2009	100%	<a href="#">RP-090667</a>	Qualcomm	RP#45 completed. Triggered by RAN		
##	841	320026	<i>Deleted - Study on Protection against SMS and MMS spam</i>	FS_CPSPMal	1	Rel-9	S3	08/06/2006	24/09/2009	100%	<a href="#">SP-060446</a>	Orange	SP#45 work stopped/abandoned		
##	842	0	<b>Release 8 Features</b>	-	1	Rel-8	CP,GP,RP	19/09/2006	19/03/2010	100%	-	-	-		
##	843	320005	<b>3GPP System Architecture Evolution Specification -</b>	SAES	1	Rel-8	S1,S2,S3,S4	12/04/2006	03/06/2011	100%	<a href="#">SP-080132</a>	T-Mobile	SP#39 WID updated SP-070933=>S		
##	844	320022	<b>Requirements for evolution of the 3GPP system archite</b>	AIPN-SAE	2	Rel-8	S1	08/06/2006	12/12/2007	100%	<a href="#">SP-080132</a>	T-Mobile	SP#38 completed		
##	845	370005	<b>High level and common (for all accesses) functions</b>	EPS-ComF	2	Rel-8	S2,S3,C1,C2	02/01/2007	29/05/2009	100%	<a href="#">SP-080132</a>	Nokia Sieme	CP#44 completed		
##	846	350024	Stage 2 for High level functions	SAES-SA-HLF	3	Rel-8	S2	02/01/2007	02/06/2008	100%	<a href="#">SP-080132</a>	Motorola	SP#40 completed		
##	847	390044	Stage 2 Security Architecture	SAES	3	Rel-8	S3	12/03/2008	11/12/2008	100%	<a href="#">SP-080132</a>	Nokia Siemer	SP#42 completed		
##	848	340051	Stage 3 (CT1) for SAE impact on services, network functions and ca	SAES	3	Rel-8	C1	05/02/2007	06/03/2009	100%	<a href="#">CP-080493</a>	Nokia Siemer	CP#43 completed		
##	849	340054	Stage 3 SAE impact on existing capabilities	SAES	3	Rel-8	C3	05/02/2007	05/12/2008	100%	<a href="#">CP-080772</a>	Huawei	CP#42 completed		
##	850	340062	Stage 3 (CT4) of SAE impact on existing capabilities	SAES	3	Rel-8	C4	05/02/2007	06/03/2009	100%	<a href="#">CP-090247</a>	Huawei	CP#43 completed		
##	851	340049	Stage 2/3 for Network selection procedures	SAES	3	Rel-8	C1	05/02/2007	05/12/2008	100%	<a href="#">CP-080493</a>	Nokia Siemer	CP#42 completed		
##	852	340023	Stage 3 EPC interworking with external PDNs (SGi)	SAES-St3-intwk	3	Rel-8	C3	05/02/2007	29/05/2009	100%	<a href="#">CP-080772</a>	Huawei	CP#44 completed		
##	853	340022	Stage 3 PCC within SAE	SAES-St3-PCC	3	Rel-8	C3	05/02/2007	29/05/2009	100%	<a href="#">CP-080576</a>	Ericsson	CP#44 completed		
##	854	340028	Stage 3 for SAE / LTE identities	SAES	3	Rel-8	C4	05/02/2007	06/03/2009	100%	<a href="#">CP-090247</a>	Huawei	CP#43 completed		
##	855	370017	Unified guidelines for Diameter usage within 3GPP	SAES-DIAM	3	Rel-8	C3	21/09/2007	05/12/2008	100%	<a href="#">CP-080055</a>	Huawei	CP#42 completed		
##	856	350025	<b>SAE for LTE access</b>	SAES-LTE	2	Rel-8	S2,C1,C3,C4	02/01/2007	06/03/2009	100%	<a href="#">SP-080132</a>	Motorola	CP#43 completed		
##	857	340060	CT4 Stage 3 for protocol between EPCs	SAES	3	Rel-8	C4	05/02/2007	06/03/2009	100%	<a href="#">CP-090247</a>	Huawei	CP#43 completed		
##	858	350042	<b>SAES-SA-FP_LTE with GTP variant</b>	SAES-SA-FP_LTE-G	3	Rel-8	S2,C4	02/01/2007	06/03/2009	100%	<a href="#">SP-080132</a>	Nokia Sieme	CP#43 completed		
##	859	370006	Stage 2 for SAES-SA-FP_LTE with GTP variant	SAES-SA-FP_LTE-G	4	Rel-8	S2	02/01/2007	05/06/2008	100%	<a href="#">SP-080132</a>	Nokia Siemer	SP#40 completed		
##	860	340055	CT4 Stage 3 for GTP v2 protocol	SAES	4	Rel-8	C4	05/02/2007	06/03/2009	100%	<a href="#">CP-090247</a>	Huawei	CP#43 completed		



ID	ID	Jnique_IC	Name	Acronym	utilite level	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	861	350043	<b>SAES-SA-FP_LTE with PMIP variant</b>	<b>SAES-SA-FP_LTE-IE</b>	3	Rel-8	<b>S2,C4</b>	<b>02/01/2007</b>	<b>06/03/2009</b>	<b>100%</b>	<a href="#">SP-080132</a>	<b>Nokia Sieme</b>	<b>CP#43 completed</b>		
##	862	370007	Stage 2 for SAES-SA-FP_LTE with PMIP variant	SAES-SA-FP_LTE-IE	4	Rel-8	S2	02/01/2007	05/06/2008	100%	<a href="#">SP-080132</a>	Nokia Siemer	SP#40 completed		
##	863	370018	CT4 Stage 3 for PMIP protocol within EPC	SAES	4	Rel-8	C4	05/02/2007	06/03/2009	100%	<a href="#">CP-090247</a>	Huawei	CP#43 completed		
##	864	410004	Mobile IPv4 (MIPv4) based Mobility protocols	SAES	4	Rel-8	C4	05/02/2007	05/12/2008	100%	<a href="#">CP-090247</a>	Motorola	CP#42 completed		
##	865	340020	Stage 3 for UE NAS mobility procedures in idle and active mode	SAES	3	Rel-8	C1	05/02/2007	06/03/2009	100%	<a href="#">CP-080493</a>	Nokia Siemer	CP#43 completed		
##	866	340050	Stage 3 for Session management, bearer control and QoS aspects	SAES	3	Rel-8	C1	05/02/2007	06/03/2009	100%	<a href="#">CP-080493</a>	Nokia Siemer	CP#43 completed		
##	867	340053	Stage 3 for security aspects of LTE Access	SAES	3	Rel-8	C1	05/02/2007	06/03/2009	100%	<a href="#">CP-080493</a>	Nokia Siemer	CP#43 completed		
##	868	340025	Stage 3 for QoS mechanisms	SAES	3	Rel-8	C3	05/02/2007	05/12/2008	100%	<a href="#">CP-080576</a>	Ericsson	CP#42 completed		
##	869	340026	Stage 3 for EPC - HSS interface	SAES	3	Rel-8	C4	05/02/2007	06/03/2009	100%	<a href="#">CP-090247</a>	Huawei	CP#43 completed		
##	870	350026	<b>SAE for Interoperation between LTE and legacy cellular</b>	<b>SAES-SA-FP_3GPP</b>	2	Rel-8	<b>S2,C1,C4</b>	<b>05/02/2007</b>	<b>06/03/2009</b>	<b>100%</b>	<a href="#">SP-080132</a>	<b>Motorola</b>	<b>CP#43 completed</b>		
##	871	370008	Stage 2 for Interoperation between LTE and 2G/3G	EPSto2_3G	3	Rel-8	S2	05/02/2007	18/09/2008	100%	<a href="#">SP-080132</a>	Motorola	SP#41 completed		
##	872	380031	Stage 3 for Inter-system mobility between E-UTRAN and 2G/3G	SAES	3	Rel-8	C1	05/02/2007	06/03/2009	100%	<a href="#">CP-080493</a>	Nokia Siemer	CP#43 completed		
##	873	340018	Stage 2 GPRS enhancements for LTE access	SAES-GPRS_LTE	3	Rel-8	S2	04/09/2007	18/09/2008	100%	<a href="#">SP-080132</a>	Vodafone	SP#41 completed		
##	874	390008	Stage 2 GPRS for EPC (23.060, etc.)	SAES	3	Rel-8	S2	14/01/2008	18/09/2008	100%	<a href="#">SP-080132</a>	Nokia Siemer	SP#41 completed		
##	875	340056	Stage 3 for EPC - GPRS	SAES	3	Rel-8	C4	05/02/2007	06/03/2009	100%	<a href="#">CP-090247</a>	Huawei	CP#43 completed		
##	876	380032	Stage 3 for EPC to UTRAN	SAES	3	Rel-8	C4	05/02/2007	06/03/2009	100%	<a href="#">CP-090247</a>	Huawei	CP#43 completed		
##	877	380033	Stage 3 for EPC to 3GPP2	SAES	3	Rel-8	C4	05/02/2007	06/03/2009	100%	<a href="#">CP-090247</a>	Huawei	CP#43 completed		
##	878	370009	Stage 2 for Interoperation between LTE and CDMA2000	EPStoC2k	3	Rel-8	S2	18/06/2007	18/09/2008	100%	<a href="#">SP-080132</a>	Motorola, Voc	SP#41 completed (except: Handover		
##	879	360023	Stage 3 for Inter-system mobility between E-UTRAN and CDMA2000	SAES	3	Rel-8	C1	05/02/2007	06/03/2009	100%	<a href="#">CP-080493</a>	Nokia Siemer	CP#43 completed		
##	880	340061	Stage 3 for MME - SGSN signalling free protocol	SAES	3	Rel-8	C4	05/02/2007	06/03/2009	100%	<a href="#">CP-090247</a>	Huawei	CP#43 completed		
##	881	350027	<b>SAE for support for non-3GPP accesses</b>	<b>SAES-SA-FP_n3GPP</b>	2	Rel-8	<b>S2,S3,C1,C4</b>	<b>02/01/2007</b>	<b>06/03/2009</b>	<b>100%</b>	<a href="#">SP-080132</a>	<b>Motorola</b>	<b>CP#43 completed. SP#39 retained i</b>		
##	882	350044	Stage 2 for Host-based Mobility aspects	SAES-SA-FP_n3GPP	3	Rel-8	S2	02/01/2007	05/06/2008	100%	<a href="#">SP-080132</a>	Motorola	SP#40 completed		
##	883	350045	Stage 2 for Network-based Mobility aspects	SAES-SA-FP_n3GPP	3	Rel-8	S2	02/01/2007	18/09/2008	100%	<a href="#">SP-080132</a>	Motorola	SP#41 completed		
##	884	360022	Stage 3 for Mobility management based on DSMIPv6	SAES	3	Rel-8	C1	05/02/2007	05/12/2008	100%	<a href="#">CP-080493</a>	Nokia Siemer	CP#42 completed		
##	885	390009	Stage 3 for Mobility management based on MIP v4	SAES	3	Rel-8	C1	05/02/2007	05/12/2008	100%	<a href="#">CP-080493</a>	Nokia Siemer	CP#42 completed		
##	886	380030	Stage 3 for Inter-system mobility between E-UTRAN and non 3GPP	SAES	3	Rel-8	C1	05/02/2007	06/03/2009	100%	<a href="#">CP-080493</a>	Nokia Siemer	CP#43 completed		
##	887	360019	Stage 2 for Optimized Dual-Radio Handover with WiMAX	SAES-SA-FP_n3GPP	3	Rel-8	S2	25/06/2007	05/06/2008	100%	<a href="#">SP-080132</a>	Motorola	SP#40 completed		
##	888	390045	Stage 2 Security aspects for non-3GPP Access	SAES	3	Rel-8	S3	12/03/2008	11/12/2008	100%	<a href="#">SP-080132</a>	Nokia Siemer	SP#42 completed		
##	889	370010	Stage 3 security aspects for DSMIPv6 Access	SAES	3	Rel-8	C1	05/02/2007	05/12/2008	100%	<a href="#">CP-080493</a>	Nokia Siemer	CP#42 completed		
##	890	390172	Stage 3 security aspects for MIPv4 Access	SAES	3	Rel-8	C1	05/02/2007	05/12/2008	100%	<a href="#">CP-080493</a>	Nokia Siemer	CP#42 completed		
##	891	360021	Stage 3 for Access to the EPC via non-3GPP access networks	SAES	3	Rel-8	C1	05/02/2007	06/03/2009	100%	<a href="#">CP-080493</a>	Nokia Siemer	CP#43 completed		
##	892	370011	Stage 3 for interfaces within EPC	SAES	3	Rel-8	C4	19/09/2007	06/03/2009	100%	<a href="#">CP-090247</a>	Huawei	CP#43 completed		
##	893	340057	Stage 3 for Interfaces EPC - non-3GPP IP access	SAES	3	Rel-8	C4	05/02/2007	06/03/2009	100%	<a href="#">CP-090247</a>	Huawei	CP#43 completed		
##	894	340058	Stage 3 for AAA/HSS related	SAES	3	Rel-8	C4	05/02/2007	05/12/2008	100%	<a href="#">CP-090247</a>	Huawei	CP#42 completed		
##	895	340059	Stage 3 for EPC - AAA interface	SAES	3	Rel-8	C4	05/02/2007	05/12/2008	100%	<a href="#">CP-090247</a>	Huawei	CP#42 completed		
##	896	360018	<i>Deleted (already covered) SAES-SA-FP_n3GPP Optimized Handov</i>	<i>SAES-SA-FP_n3GPP</i>	3	<i>Rel-8</i>	<i>S2</i>	<i>25/06/2007</i>	<i>25/06/2007</i>	<i>100%</i>	<i>-</i>	<i>Nokia Siemer</i>	<i>SP#37 stopped</i>		
##	897	350030	<b>Single Radio Voice Call Continuity for 3GPP (SRVCC)</b>	<b>SAES-SRVCC</b>	2	Rel-8	<b>S2,C1,C4</b>	<b>02/01/2007</b>	<b>06/03/2009</b>	<b>100%</b>	<a href="#">SP-070949</a>	<b>Nokia Sieme</b>	<b>CP#43 completed. SP#38 WID appr</b>		
##	898	350130	Stage 2 for 2G/3G SRVCC	SAES-SRVCC	3	Rel-8	S2	02/01/2007	18/09/2008	100%	<a href="#">SP-070949</a>	Nokia Siemer	SP#41 completed. SP#38 WID appro		
##	899	410005	Stage 3 for SRVCC in EPS	SAES-SRVCC	3	Rel-8	C1	30/05/2008	06/03/2009	100%	<a href="#">CP-080793</a>	Nokia Siemer	CP#43 completed		
##	900	410006	MME to MSC interface for SRVCC	SAES-SRVCC	3	Rel-8	C4	12/09/2008	06/03/2009	100%	<a href="#">CP-080793</a>	Nokia Siemer	CP#43 completed		
##	901	360020	<b>Voice Call Continuity for CDMA2000 1X</b>	<b>SAES-VCC_1X</b>	2	Rel-8	S2	25/06/2007	05/06/2008	100%	<a href="#">SP-080132</a>	Nokia Siemer	SP#40 completed		
##	902	350031	<b>SAE impacts on IMS</b>	<b>SAES-SA_IMS</b>	2	Rel-8	S2	02/01/2007	05/06/2008	100%	<a href="#">SP-080132</a>	Nokia Siemer	SP#40 completed		
##	903	390036	<b>CS Fallback in EPS</b>	<b>SAES-CSFB</b>	2	Rel-8	<b>S2,C1,C4</b>	<b>12/03/2008</b>	<b>06/03/2009</b>	<b>100%</b>	<a href="#">SP-080097</a>	<b>T-Mobile, Vo</b>	<b>CP#43 completed</b>		

ID	ID	Jnique_IC	Name	Acronym	utilit _eve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	904	400001	Stage 2 for CS Fallback in EPS	SAES-CSFB	3	Rel-8	S2	12/03/2008	05/06/2008	100%	<a href="#">SP-080097</a>	T-Mobile, Voc	SP#40 completed		
##	905	400102	Stage 3 for CS Fallback in EPS	SAES-CSFB	3	Rel-8	C1	30/05/2008	06/03/2009	100%	<a href="#">CP-080791</a>	NEC	CP#43 completed		
##	906	400003	Stage 3 for CS Fallback in EPS	SAES-CSFB	3	Rel-8	C4	30/05/2008	05/12/2008	100%	<a href="#">CP-080791</a>	NEC	CP#42 completed		
##	907	390039	System enhancements for the use of IMS services in lo	SAES-IMS_LBO	2	Rel-8	S2	12/03/2008	05/06/2008	100%	<a href="#">SP-080090</a>	Telecom Italia	SP#40 completed		
##	908	390010	EPC Data Definitions	EPC-OAM	2	Rel-8	S5	07/01/2008	12/03/2009	100%	<a href="#">not applicable</a>	-	SP#43 completed		
##	909	380037	EPC Network Resource Model (NRM) Integration Reference Point (I	EPC-OAM	3	Rel-8	S5	07/01/2008	12/03/2009	100%	<a href="#">SP-070737</a>	Huawei	SP#43 completed		
##	910	390011	Performance measurements for EPC	EPC-OAM	3	Rel-8	S5	22/02/2008	12/03/2009	100%	<a href="#">SP-080061</a>	China Mobile	SP#43 completed		
##	911	380038	EPC Charging	EPC-CH	2	Rel-8	S5	07/01/2008	12/03/2009	100%	<a href="#">SP-070736</a>	Nokia Siemer	SP#43 completed		
##	912	400104	Domain Name System Procedures for Evolved Packet S	SAES-DEPS	2	Rel-8	C4	30/05/2008	06/03/2009	100%	<a href="#">CP-080280</a>	TeliaSonera	CP#43 completed		
##	913	410007	InterWorking Function (IWF) between MAP based and I	SAES-MAP2Diam	2	Rel-8	C4	12/09/2008	06/03/2009	100%	<a href="#">CP-080644</a>	Huawei	CP#43 completed. Triggered by UID_		
##	914	390021	CT6 aspects of SAE	SAES	2	Rel-8	C6	07/03/2008	03/06/2011	100%	<a href="#">CP-080164</a>	Nokia	CP#44 completed core specificatio		
##	915	390121	CT6 aspects of SAE	SAES	3	Rel-8	C6	07/03/2008	29/05/2009	100%	<a href="#">CP-080164</a>	Nokia	CP#44 completed (specified Network		
##	916	420018	Test interworking of LTE Terminals with the USIM	SAES-USIM_LTE-Tes	3	Rel-8	C6	05/12/2008	10/12/2010	100%	<a href="#">CP-100598</a>	Comprion	CP#50 completed. Steering of Roami		
##	917	490015	Test interworking of IP Multimedia Services Identity Mo	SAES-ISIM_IMS_Tes	3	Rel-8	C6	17/09/2010	03/06/2011	100%	<a href="#">CP-100602</a>	Comprion	CP#52 completed. Linked to R5 UID_		
##	918	390018	Issues for CT1 TR 24.801	SAES	2	Rel-8	C1	04/01/2007	05/12/2008	100%	<a href="#">CP-080068</a>	Nokia Siemer	CP#43 completed		
##	919	390019	Issues for CT3 TR 29.804	SAES	2	Rel-8	C3	05/02/2007	12/09/2008	100%	<a href="#">CP-080068</a>	Ericsson	CP#41 completed		
##	920	390020	Deleted - Issues for CT4 TR 29.803	SAES	2	Rel-8	C4	04/01/2007	12/09/2008	100%	<a href="#">CP-080068</a>	Huawei	CP#41 Work stopped and continued i		
##	921	350029	Deleted (covered by 380068): Functions and procedures for SAE to supp	SAES-SA-FP_LCS	2	Rel-8	S2	03/03/2008	03/03/2008	100%	-	Nokia Siemer	SP#37 stopped		
##	922	350032	Deleted (covered by 380064): SAE aspects of Emergency Calls	SAES-SA-EmCall	2	Rel-8	S2	03/03/2008	03/03/2008	100%	-	Nokia Siemer	SP#37 stopped		
##	923	340019	Deleted - CT1 aspects of SAES	SAES-St3	2	Rel-8	CP,C1	04/09/2007	27/09/2007	100%	<a href="#">CP-060674</a>	-	SP#37 stopped		
##	924	350019	Deleted - CT1 aspects of SAES	SAES-St3	2	Rel-8	C1	04/09/2007	04/09/2007	100%	<a href="#">CP-060674</a>	-	SP#37 stopped		
##	925	340052	Deleted - Interoperability	SAES-St3-interop	2	Rel-8	C1	14/03/2008	14/03/2008	100%	<a href="#">CP-060674</a>	-	SP#37 stopped		
##	926	350020	Deleted - CT3 aspects of SAES	SAES-St3	2	Rel-8	C3	04/09/2007	04/09/2007	100%	<a href="#">CP-060675</a>	-	SP#37 stopped		
##	927	350021	Deleted - CT4 aspects of SAES	SAES-St3	2	Rel-8	C4	04/09/2007	04/09/2007	100%	<a href="#">CP-060676</a>	-	SP#37 stopped		
##	928	340021	Deleted - UE to EPC NAS signalling (incl. MBMS and QoS aspects)	SAES-St3-sig	2	Rel-8	C1	14/03/2008	14/03/2008	100%	<a href="#">CP-060674</a>	-	SP#37 stopped		
##	929	340027	Deleted - User and Control plane protocols	SAES-St3-prot	2	Rel-8	C4	21/09/2007	21/09/2007	100%	<a href="#">CP-060676</a>	-	SP#37 stopped		
##	930	340037	Deleted - Architecture enhancements for non-3GPP accesses	SAES-non_3GPP	2	Rel-8	S2	04/09/2007	04/09/2007	100%	<a href="#">SP-060926</a>	Motorola	SP#34 stopped. Replaced by UID_35		
##	931	320030	Deleted - Stage 2 of architecture for the 3GPP System Architecture Evol	SAES-Si2	2	Rel-8	S2	02/10/2007	02/10/2007	100%	<a href="#">SP-060926</a>	Vodafone	SP#34 stopped. Replaced by UIDs 3-		
##	932	350023	Deleted - SA aspects of System Architecture Evolution	SAES-SA	2	Rel-8	S2	12/04/2006	01/10/2007	100%	-	-	SP#34 stopped		
##	933	450022	Conformance Test Aspects – Mobility management I	DSMPv6_UEConTes	1	Rel-8	R5	18/09/2009	17/09/2010	100%	<a href="#">RP-090754</a>	Qualcomm	RP#49 completed. Testing for CT1's I		
##	934	370025	IMS Centralized Service Control (ICSRA)	ICSRA	1	Rel-8	S1,S2,C1,I	03/09/2007	06/03/2009	100%	<a href="#">SP-070924</a>	AT&T	CP#46 completed		
##	935	380039	Stage 1 for ICSRA	ICSRA	2	Rel-8	S1	03/09/2007	12/03/2008	100%	<a href="#">SP-070924</a>	AT&T	SP#39 completed		
##	936	380040	Stage 2 for ICSRA	ICSRA-Si2	2	Rel-8	S2	14/12/2007	05/06/2008	100%	<a href="#">SP-070924</a>	Alcatel-Lucen	SP#40 completed		
##	937	400205	Stage 3 for ICSRA – Protocol, Addressing, Subscriber I	ICSRA	2	Rel-8	C1,C3,C4	30/05/2008	06/03/2009	100%	<a href="#">CP-091046</a>	Ericsson	CP#46 completed		
##	938	400005	CT1 aspects - Stage 3 for ICSRA	ICSRA	3	Rel-8	C1	30/05/2008	06/03/2009	100%	<a href="#">CP-091046</a>	Ericsson	CP#46 completed		
##	939	400006	CT3 aspects - Stage 3 for ICSRA	ICSRA	3	Rel-8	C3	30/05/2008	06/03/2009	100%	<a href="#">CP-091046</a>	Mavenir	CP#43 completed		
##	940	400007	CT4 aspects - Stage 3 for ICSRA	ICSRA	3	Rel-8	C4	30/05/2008	05/12/2008	100%	<a href="#">CP-091046</a>	Ericsson	CP#42 completed		
##	941	400105	Deleted - Stage 3 for ICSRA – I1 interface	ICSRA	3	Rel-8	C1	30/05/2008	12/09/2008	100%	<a href="#">CP-080492</a>	Huawei	CP#41 work stopped		
##	942	370059	IMS Multimedia Telephony and Supplementary Servi	IMSTSS	1	Rel-8	S1,S5,C1,I	02/05/2007	12/03/2009	100%	<a href="#">not applicable</a>	-	SP#43 completed		
##	943	370060	General aspects of IMS Sup Services	IMSSS-Gal	2	Rel-8	S1,C1,C3,I	03/09/2007	06/03/2009	100%	<a href="#">SP-070691</a>	Ericsson	CP#43 completed		
##	944	370023	Service and Capability for Core IMS - inclusion of TISPAN requirem	TISCAPR8	3	Rel-8	S1	03/09/2007	14/12/2007	100%	<a href="#">SP-070691</a>	Ericsson	SP#39 completed		
##	945	380001	Documentation of TISPAN R1 and R2 in CT1	REDOC_TIS-C1	3	Rel-8	C1	28/11/2007	12/09/2008	100%	<a href="#">CP-080213</a>	Nokia Siemer	CP#41 completed		
##	946	380002	Documentation of TISPAN R1 and R2 in CT3	REDOC_TIS-C3	3	Rel-8	C3	28/11/2007	06/03/2009	100%	<a href="#">CP-080213</a>	Nokia Siemer	CP#43 completed		

Page 22

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	947	380003	Documentation of TISPAN R1 and R2 in CT4	REDOC_TIS-C4	3	Rel-8	C4	28/11/2007	12/09/2008	100%	<a href="#">CP-080213</a>	Nokia Siemer	CP#41 completed		
##	948	370062	<b>IMS Multimedia Telephony Service</b>	<b>IMS-MMTel</b>	<b>2</b>	<b>Rel-8</b>	<b>S1,S5</b>	<b>10/09/2007</b>	<b>12/03/2009</b>	<b>100%</b>	<b><a href="#">not applicable</a></b>	-	<b>SP#43 completed</b>		
##	949	370024	Merging TISPAN MMTel [requirements] for Common IMS	TMMTEL	3	Rel-8	S1	10/09/2007	07/12/2007	100%	<a href="#">SP-070569</a>	Nokia Siemer	SP#38 completed		
##	950	380041	Multimedia Telephony Service and Supplementary Services (MMTel)	MMTel-CH	3	Rel-8	S5	07/01/2008	12/03/2009	100%	<a href="#">SP-080848</a>	Alcatel-Lucen	CP#43 completed		
##	951	380006	<b>Call Completion on Busy Subscriber (CCBS)/Call Comp</b>	<b>CCBS_CCNR</b>	<b>2</b>	<b>Rel-8</b>	<b>C1,C3</b>	<b>02/05/2007</b>	<b>06/03/2009</b>	<b>100%</b>	<b><a href="#">CP-080215</a></b>	<b>Deutsche Te</b>	<b>CP#43 completed</b>		
##	952	380007	Stage 3 CCBS_CCNR	CCBS_CCNR	3	Rel-8	C1	02/05/2007	06/03/2009	100%	<a href="#">CP-080215</a>	Deutsche Tel	CP#43 completed		
##	953	380008	Stage 3 CCBS_CCNR	CCBS_CCNR	3	Rel-8	C3	02/05/2007	05/12/2008	100%	<a href="#">CP-080215</a>	Deutsche Tel	CP#42 completed		
##	954	390058	<b>Flexible Alerting</b>	<b>FA</b>	<b>2</b>	<b>Rel-8</b>	<b>S1,C1</b>	<b>30/01/2008</b>	<b>06/03/2009</b>	<b>100%</b>	<b><a href="#">CP-080219</a></b>	<b>Nortel</b>	<b>CP#43 completed</b>		
##	955	390059	Stage 1 FA	FA	3	Rel-8	S1	30/01/2008	05/06/2008	100%	-	Telecom Italia	SP#40 completed		
##	956	390015	Stage 3 FA	FA	3	Rel-8	C1	30/01/2008	06/03/2009	100%	<a href="#">CP-080219</a>	Nortel	CP#43 completed		
##	957	380009	<b>Communication Wait on IMS</b>	<b>CW_IMS</b>	<b>2</b>	<b>Rel-8</b>	<b>C1,C3</b>	<b>30/11/2007</b>	<b>06/03/2009</b>	<b>100%</b>	<b><a href="#">CP-080214</a></b>	<b>Deutsche Te</b>	<b>CP#43 completed</b>		
##	958	380010	Stage 3 CW-IMS	CW_IMS	3	Rel-8	C1	30/11/2007	06/03/2009	100%	<a href="#">CP-080214</a>	Deutsche Tel	CP#43 completed		
##	959	380011	Stage 3 CW-IMS	CW_IMS	3	Rel-8	C3	30/11/2007	04/12/2008	100%	<a href="#">CP-080214</a>	Deutsche Tel	CP#42 completed		
##	960	380042	<b>Advicc of Charge (AoC) support in IMS Charging</b>	IMSTSS	2	Rel-8	S5	07/01/2008	12/03/2009	100%	<a href="#">SP-070739</a>	Nokia Siemer	SP#43 completed		
##	961	370003	<b>Add Interconnection Border Control Function (IBCF) to</b>	IMSTSS	2	Rel-8	S5	17/09/2007	12/03/2008	100%	<a href="#">SP-070621</a>	Alcatel-Lucen	SP#39 completed		
##	962	390035	<b>3GPP2 Input to Common IMS</b>	<b>CIMS_3GPP2</b>	<b>1</b>	<b>Rel-8</b>	<b>S1,S2,S3,C1</b>	<b>07/03/2008</b>	<b>11/12/2008</b>	<b>100%</b>	<b><a href="#">SP-080220</a></b>	<b>Nortel</b>	<b>TSG#42 completed</b>		
##	963	390050	<b>Stage 1 CIMS_3GPP2 (SA1)</b>	CIMS_3GPP2	2	Rel-8	S1	12/03/2008	05/06/2008	100%	<a href="#">SP-080220</a>	Nortel	SP#40 completed		
##	964	390051	<b>Stage 2 CIMS_3GPP2 (SA2)</b>	IMS_Common	2	Rel-8	S2	12/03/2008	05/06/2008	100%	<a href="#">SP-080220</a>	Nortel	SP#40 completed		
##	965	390052	<b>Security CIMS_3GPP2 (SA3)</b>	IMS_Common	2	Rel-8	S3	12/03/2008	11/12/2008	100%	<a href="#">SP-080220</a>	Nortel	SP#42 completed [issues addressed]		
##	966	390013	<b>Stage 3 CIMS_3GPP2 (CT1)</b>	REDOC_3GPP2	2	Rel-8	C1	07/03/2008	05/12/2008	100%	<a href="#">CP-080795</a>	Alcatel-Lucen	CP#42 completed		
##	967	390026	<b>Stage 3 CIMS_3GPP2 (CT3)</b>	REDOC_3GPP2	2	Rel-8	C3	07/03/2008	05/12/2008	100%	<a href="#">CP-080795</a>	Alcatel-Lucen	CP#42 completed		
##	968	390027	<b>Stage 3 CIMS_3GPP2 (CT4)</b>	REDOC_3GPP2	2	Rel-8	C4	07/03/2008	11/12/2008	100%	<a href="#">CP-080795</a>	Alcatel-Lucen	CP#42 completed		
##	969	350005	<b>IMS Enhancements for support of Packet Cable access</b>	PktCbl	1	Rel-8	S2,S3,C1,C3	06/12/2006	30/05/2008	100%	<b><a href="#">not applicable</a></b>	Cablelabs	<b>CP#40 completed</b>		
##	970	350008	<b>IMS Enhancements for Cable Client Types and Deployment</b>	PktCbl-Deploy	2	Rel-8	S2,C1	05/02/2007	30/05/2008	100%	<a href="#">SP-070105</a>	Cablelabs	<b>CP#40 completed</b>		
##	971	350009	Architecture aspects of PktCbl-Deploy	PktCbl-Deploy	3	Rel-8	S2	05/02/2007	06/12/2007	100%	<a href="#">SP-070105</a>	Cablelabs	SP#38 completed		
##	972	350010	CT1 aspects of PktCbl-Deploy	PktCbl-Deploy	3	Rel-8	C1	26/03/2007	30/05/2008	100%	<a href="#">CP-070122</a>	Cablelabs	CP#40 completed		
##	973	350011	<b>IMS Inter-working aspects in Support of Cable Regulation</b>	PktCbl-Intw	2	Rel-8	S2,C1,C3	05/02/2007	14/03/2008	100%	<a href="#">SP-070107</a>	Cablelabs	<b>CP#39 completed</b>		
##	974	350012	Architecture aspects of PktCbl-Interwork	PktCbl-Intw	3	Rel-8	S2	05/02/2007	14/09/2007	100%	<a href="#">SP-070107</a>	Cablelabs	SP#37 completed		
##	975	350013	CT1,CT3 aspects of PktCbl-Interwork	PktCbl-Intw	3	Rel-8	C1,C3	26/03/2007	14/03/2008	100%	<a href="#">CP-070575</a>	Cablelabs	CP#39 completed		
##	976	340008	<b>IMS Enhancements for Security Requirements in Support of Cable</b>	PktCbl-Sec	2	Rel-8	S3,C1,C3,C4	06/12/2006	30/05/2008	100%	<a href="#">SP-060933</a>	Cablelabs	<b>CP#40 completed</b>		
##	977	350033	SA3 aspects of PktCbl-Sec	PktCbl-Sec	3	Rel-8	S3	06/12/2006	12/03/2008	100%	<a href="#">SP-060933</a>	Cablelabs	SP#39 completed		
##	978	350006	CT1 aspects of PktCbl-Sec	PktCbl-Sec	3	Rel-8	C1	26/03/2007	30/05/2008	100%	<a href="#">CP-070124</a>	Cablelabs	CP#40 completed		
##	979	380029	CT3 aspects of PktCbl-Sec	PktCbl-Intw	3	Rel-8	C3	26/03/2007	30/11/2007	100%	<a href="#">CP-070124</a>	Cablelabs	CP#38 completed		
##	980	350007	CT4 aspects of PktCbl-Sec	PktCbl-Sec	3	Rel-8	C4	26/03/2007	14/03/2008	100%	<a href="#">CP-070124</a>	Cablelabs	CP#39 completed		
##	981	360012	<b>IMS System enhancements for corporate network access</b>	<b>IMS_Corp</b>	<b>1</b>	<b>Rel-8</b>	<b>S2,S1,C1,C3</b>	<b>22/06/2007</b>	<b>19/03/2010</b>	<b>100%</b>	<b><a href="#">SP-080095</a></b>	<b>Orange</b>	<b>CP#47 completed</b>		
##	982	390049	<b>SA1 aspects of IMS_Corp</b>	IMS_Corp	2	Rel-8	S1	12/03/2008	05/06/2008	100%	<a href="#">SP-080095</a>	Telecom Italia	SP#40 completed		
##	983	360014	<b>SA2 aspects of IMS_Corp</b>	IMS_Corp	2	Rel-8	S2	22/06/2007	18/09/2008	100%	<a href="#">SP-080095</a>	Orange	no Stage 2 impacts		
##	984	390022	<b>CT1 aspects of IMS_Corp</b>	IMS_Corp	2	Rel-8	C1	07/03/2008	19/03/2010	100%	<a href="#">CP-080220</a>	Alcatel-Lucen	CP#47 completed		
##	985	390023	<b>CT4 aspects of IMS_Corp</b>	IMS_Corp	2	Rel-8	C4	26/02/2008	05/12/2008	100%	<a href="#">CP-080220</a>	Alcatel-Lucen	CP#42 completed		
##	986	380069	<b>Maintenance of TISPAN documentation</b>	<b>MAINTISP</b>	<b>1</b>	<b>Rel-8</b>	<b>S2,C1,C3,C4</b>	<b>02/07/2007</b>	<b>05/06/2008</b>	<b>100%</b>	<b><a href="#">not applicable</a></b>	-	<b>SP#40 completed</b>		
##	987	380004	<b>Maintenance of TISPAN R1</b>	MAINT_R1	2	Rel-7	C1,C3,C4	09/11/2007	07/03/2008	100%	<a href="#">CP-080211</a>	Alcatel-Lucen	CP#39 completed		
##	988	380005	<b>Maintenance of TISPAN R2</b>	MAINT_R2	2	Rel-8	C1,C3,C4	09/11/2007	07/03/2008	100%	<a href="#">CP-080229</a>	Alcatel-Lucen	CP#39 completed		
##	989	380043	<b>Documentation of TISPAN NGN R1 and R2 in 3GPP SA4</b>	IMS_Comm_Doc	2	Rel-8	S2	14/01/2008	05/06/2008	100%	<a href="#">SP-070823</a>	Nokia Siemer	SP#40 completed		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	990	380072	Maintenance of TISPAN release 1 common IMS	IMS_Comm_Mtce7	2	Rel-7	S2,S1	02/07/2007	06/12/2007	100%	<a href="#">SP-080501</a>	BT, Ericsson	SP#38 completed		
##	991	380044	Maintenance of TISPAN release 2 common IMS	IMS_Comm_Mtce8	2	Rel-8	S2	02/07/2007	06/12/2007	100%	<a href="#">SP-070916</a>	Telecom Italia	SP#38 completed		
##	992	390056	IMS Service Continuity	IMS-Cont	1	Rel-8	S2,S1,C1	12/03/2008	29/05/2009	100%	<a href="#">SP-080092</a>	LG Electroni	CP#44 completed		
##	993	390072	Stage 1 IMS Service Continuity	IMS-Cont	2	Rel-8	S1	12/03/2008	05/06/2008	100%	<a href="#">SP-080092</a>	LG Electronic	SP#40 completed		
##	994	390057	Stage 2 IMS Service Continuity	IMS-Cont	2	Rel-8	S2	12/03/2008	05/06/2008	100%	<a href="#">SP-080092</a>	LG Electronic	SP#40 completed		
##	995	400011	Stage 3 IMS Service Continuity	IMS-Cont	2	Rel-8	C1	30/05/2008	29/05/2009	100%	<a href="#">CP-080491</a>	Huawei	CP#44 completed		
##	996	370078	Security Enhancements for IMS	IMS-Sec	1	Rel-8	S3,C1,C4	19/09/2006	06/03/2009	100%	<a href="#">SP-070496</a>	Ericsson	CP#43 completed		
##	997	360017	Stage 2 for IMS-Sec	IMS-Sec	2	Rel-8	S3	01/03/2007	11/12/2008	100%	<a href="#">SP-070496</a>	Ericsson	SP#42 completed. SP#46 withdrawn		
##	998	390054	CT1 part of Stage 3 for IMS-Sec	IMS-Sec	2	Rel-8	C1	19/09/2006	05/12/2008	100%		Ericsson	CP#42 completed		
##	999	390154	CT4 part of Stage 3 for IMS-Sec	IMS-Sec	2	Rel-8	C4	07/06/2007	06/03/2009	100%		Ericsson	CP#43 completed		
##	1000	380012	CT1 part of NASS Bundled Authentication	NBA	2	Rel-8	C1	14/11/2007	06/03/2009	100%	<a href="#">CP-070781</a>	Alcatel-Lucen	CP#43 completed		
##	1001	380013	CT4 part of NASS Bundled Authentication	NBA-CT4	2	Rel-8	C4	14/11/2007	30/05/2008	100%	<a href="#">CP-070781</a>	Alcatel-Lucen	CP#40 completed		
##	1002	34046	IMS initiated and controlled PSS and MBMS User Se	IMS_PSS_MBMS_UE	1	Rel-8	S2,C3,C4	12/03/2008	12/03/2008	100%	<a href="#">SP-080201</a>	FT, Ericsson	SP#43 completed. SP#39 WID appro		
##	1003	713024	Multimedia interworking between IMS and CS netwo	MIW-IMS	1	Rel-8	C3,C4	23/09/2005	05/12/2008	100%	<a href="#">CP-070729</a>	Vodafone	CP#42 completed		
##	1004	7013	Note: Stages 1 and 2 defined in earlier Release	MIW-IMS	2	Rel-8	S2	23/09/2005	30/11/2005	100%		Vodafone	SP#31 Moved from FS section Feb 21		
##	1005	7014	Stage 3 of MW-IMS	MIW-IMS-Si3	2	Rel-8	C3	23/09/2005	30/11/2007	100%	<a href="#">CP-070096</a>	Vodafone	Moved from Rel-7. Feature extended		
##	1006	380021	Stage 3 for MW-IMS, MONA extension	MIW-IMS	2	Rel-8	C3	05/11/2007	05/12/2008	100%	<a href="#">CP-070729</a>	Vodafone	CP#42 completed		
##	1007	380022	Mn interface (MGCF – IM MGW)	MIW-IMS	2	Rel-8	C4	21/11/2007	05/12/2008	100%	<a href="#">CP-070729</a>	Vodafone	CP#42 completed		
##	1008	360029	IMS Stage 3 IETF Protocol Alignment	IMSProtoc2	1	Rel-8	C1	22/06/2007	06/03/2009	100%	<a href="#">CP-080794</a>	Alcatel-Lucen	CP#43 completed		
##	1009	380014	Interworking between User-to-User Signalling (UUS)	UUSIW	1	Rel-8	C1,C3	30/11/2007	12/03/2009	100%	<a href="#">CP-070782</a>	Huawei	CP#43 completed		
##	1010	380015	Stage 3 MGCF UUSIW	UUSIW	2	Rel-8	C1	30/11/2007	05/12/2008	100%	<a href="#">CP-070782</a>	Huawei	CP#42 completed		
##	1011	380016	Stage 3 MGCF UUSIW	UUSIW	2	Rel-8	C3	30/11/2007	12/03/2009	100%	<a href="#">CP-070782</a>	Huawei	CP#43 completed		
##	1012	380018	Support of Overlap signalling	Overlap	1	Rel-8	C3,C1,C4	30/11/2007	06/03/2009	100%	<a href="#">CP-070731</a>	Deutsche Te	CP#43 completed		
##	1013	380019	Stage 3 Overlap (CT1)	Overlap	2	Rel-8	C1	30/11/2007	06/03/2009	100%	<a href="#">CP-070731</a>	Deutsche Tel	CP#43 completed		
##	1014	380020	Stage 3 Overlap (CT3)	Overlap	2	Rel-8	C3	30/11/2007	06/03/2009	100%	<a href="#">CP-070731</a>	Deutsche Tel	CP#43 completed		
##	1015	380120	Stage 3 Overlap (CT4)	Overlap	2	Rel-8	C4	30/11/2007	05/12/2008	100%	<a href="#">CP-070731</a>	Deutsche Tel	CP#42 completed		
##	1016	380035	AS/MRFC Stage 2 and 3	MRFC_TS	1	Rel-8	C1	14/11/2007	05/12/2008	100%	<a href="#">CP-070784</a>	Hewlett-Pack	CP#42 completed. Triggered by Stud		
##	1017	400012	IMS Restoration Procedures	IMS_RP	1	Rel-8	C4,C1	30/05/2008	06/03/2009	100%	<a href="#">CP-080447</a>	Ericsson	CP#43 completed. Triggered by Str		
##	1018	400026	IMS Restoration Procedures (CT4)	IMS_RP	2	Rel-8	C4	30/05/2008	06/03/2009	100%	<a href="#">CP-080447</a>	Ericsson	CP#43 completed		
##	1019	400027	IMS Restoration Procedures (CT1)	IMS_RP	2	Rel-8	C1	30/05/2008	06/03/2009	100%	<a href="#">CP-080447</a>	Ericsson	CP#43 completed		
##	1020	410003	IMS Application Server Service Data Descriptions fo	IMS_ASIO	1	Rel-8	C4	12/09/2008	06/03/2009	100%	<a href="#">CP-080451</a>	Alcatel-Lucen	CP#43 completed. Triggered by UID_		
##	1021	340030	I-WLAN Network Selection Principle (NSP)	IWLANNSP	1	Rel-8	S1,C1,C6	14/06/2007	06/03/2009	100%	<a href="#">SP-060932</a>	Telefónica O	CP#43 completed		
##	1022	390024	Stage 1 for I-WLAN NSP	IWLANNSP	2	Rel-8	S1	14/06/2007	14/06/2007	100%	<a href="#">SP-060932</a>	Telefónica O	SP#36 completed		
##	1023	390025	Stage 3 for I-WLAN NSP	IWLANNSP	2	Rel-8	C1	07/03/2008	06/03/2009	100%	<a href="#">CP-080217</a>	Research In I	CP#43 completed		
##	1024	390125	Stage 3 for I-WLAN NSP	IWLANNSP	2	Rel-8	C6	07/03/2008	11/12/2008	100%	<a href="#">CP-080217</a>	Research In I	CP#42 completed		
##	1025	370049	Mobility between 3GPP-WLAN Interworking and 3GF	IWLAN_Mob	1	Rel-8	S2,C1	14/09/2007	06/03/2009	100%	<a href="#">SP-070701</a>	Orange	CP#43 completed		
##	1026	380045	Stage 2: I-WLAN Mobility	IWLAN_Mob	2	Rel-8	S2	14/09/2007	05/06/2008	100%	<a href="#">SP-070701</a>	Orange	SP#40 completed		
##	1027	400013	CT1 aspects of I-WLAN Mobility	IWLAN_Mob	2	Rel-8	C1	30/05/2008	06/03/2009	100%	<a href="#">CP-080320</a>	Orange	CP#43 completed		
##	1028	460006	Conformance Test Aspects – Mobility between 3GPF	IWLAN_Mob_UECon	1	Rel-8	R5	04/12/2009	17/09/2010	100%	<a href="#">RP-091349</a>	Qualcomm	RP#49 completed. Testing for Rel-8 U		
##	1029	7042	Enhancements for Voice Group Call Service (VGCS)	EVA	1	Rel-8	S1,C1,C4,	15/03/2006	18/09/2009	100%	<a href="#">SP-070904</a>	Nortel	CP#45 completed		
##	1030	320021	SA1 aspects of EVA	EVA	2	Rel-8	S1	15/03/2006	06/12/2006	100%	<a href="#">SP-070904</a>	Nortel	SP#38 completed		
##	1031	370019	VGCS/VBS and GPRS Interactions	EVA	2	Rel-8	S1	03/09/2007	21/03/2008	100%	<a href="#">SP-070653</a>	Huawei	SP#39 completed		
##	1032	320019	CT1 aspects of EVA	EVA	2	Rel-8	C1	02/06/2006	18/09/2009	100%	<a href="#">CP-060260</a>	Nortel	CP#45 completed		



ID	ID	Unique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														May	Qtr 3, 2011 Jul
##	1033	320020	CT4 aspects of EVA	EVA	2	Rel-8	C4	02/06/2006	30/11/2007	100%	<a href="#">CP-060260</a>	Nortel	CP#38 completed		
##	1034	52148	GERAN2 aspects of EVA	EVA	2	Rel-8	G2	30/06/2006	22/02/2008	100%	<a href="#">GP-071855</a>	Nortel	GP#37 completed		
##	1035	31081	Personal Network Management	PNM	1	Rel-8	S1,C1,S3	11/07/2005	06/03/2009	100%	<a href="#">SP-080327</a>	Vodafone	CP#43 completed		
##	1036	7012	Stage 1 for PNM	PNM	2	Rel-8	S1	11/07/2005	31/07/2006	100%	<a href="#">SP-080327</a>	Vodafone	SP#31 completed		
##	1037	350050	Stage 2 for PNM	PNM	2	Rel-8	C1	26/03/2007	05/12/2008	100%	<a href="#">CP-080065</a>	Vodafone	CP#42 completed		
##	1038	350041	Stage 3 for PNM	PNM	2	Rel-8	C1,C4	26/03/2007	06/03/2009	100%	<a href="#">CP-080065</a>	Vodafone	CP#43 completed		
##	1039	350001	CT1 aspects of Stage 3 PNM	PNM	3	Rel-8	C1	26/03/2007	06/03/2009	100%	<a href="#">CP-080065</a>	Vodafone	CP#43 completed		
##	####	350002	Deleted - CT4 aspects of Stage 3 PNM	PNM	3	Rel-8	C4	26/03/2007	05/12/2008	100%	<a href="#">CP-080065</a>	Vodafone	CP#42 no impact on CT4 specs		
##	1041	340010	Key establishment between a UICC hosting device and	PNM	2	Rel-8	S3	06/12/2006	30/10/2007	100%	<a href="#">SP-060839</a>	Ericsson	SP#37 completed		
##	####	350049	Deleted - Actual Requirements of PNM	PNM	2	Rel-8	C1	26/03/2007	26/03/2007	100%	-	Ericsson	SP#37 stopped		
##	1043	330005	eCall Data Transfer	EData	1	Rel-8	S1,C1	28/09/2006	06/03/2009	100%	<a href="#">SP-060678</a>	Airbiquity	SP#39 completed. Linked to SA4 F		
##	1044	370081	eData Requirements	EData	2	Rel-8	S1	28/09/2006	12/03/2008	100%	<a href="#">SP-060678</a>	Airbiquity	SP#39 completed		
##	1045	400014	Transfer of data during an emergency call	EData	2	Rel-8	C1	30/05/2008	06/03/2009	100%	<a href="#">CP-080316</a>	T-Mobile	CP#43 completed		
##	1046	34042	eCall data transfer Phase 2: Comparison of alternati	eCall_Phase2	1	Rel-8	S4	06/12/2007	24/09/2009	100%	<a href="#">SP-070756</a>	Airbiquity	SP#45 completed. Triggered by Stud		
##	1047	450001	eCall Conformance Testing	eCall_MSTest	1	Rel-8	G3new	04/09/2009	03/09/2010	100%	<a href="#">GP-091098</a>	Ericsson, Qui	GP#47 completed. GP#43 WID appr		
##	1048	450023	Conformance Test Aspects – non-modem procedure	UMTS_eCall_UECon	1	Rel-8	R5	18/09/2009	04/06/2010	100%	<a href="#">RP-090952</a>	Ericsson, Qui	RP#48 completed. Testing for Rel-8 e		
##	1049	380060	IP Interconnection of Services	IPinterc	1	Rel-8	S1,S2,S5,C	16/08/2006	06/03/2009	100%	<a href="#">SP-080565</a>	Telefónica O	SP#43 completed		
##	1050	380061	Stage 1 for IPinterc	IPinterc	2	Rel-8	S1	06/12/2007	12/03/2008	100%	<a href="#">SP-080565</a>	Telefónica O	SP#39 completed.		
##	1051	7005	System enhancements for interconnection interfaces b	IMS_NNI	2	Rel-8	S2,S5,C3	16/08/2006	06/03/2009	100%	<a href="#">SP-080554</a>	Telecom Itali	CP#43 completed		
##	1052	360024	Stage 2 for IMS_NNI	IMS_NNI	3	Rel-8	S2	22/06/2007	06/12/2007	100%	<a href="#">SP-080554</a>	Telecom Italie	SP#38 completed		
##	1053	360011	IMS inter-operator service interconnection interface	FB12-IOPSI	3	Rel-8	C3	01/06/2007	06/03/2009	100%	<a href="#">CP-080578</a>	Telecom Italie	CP#43 completed		
##	1054	330011	Charging harmonization for NGN between 3GPP an	FB12-TISP2-CH	3	Rel-8	S5	28/09/2006	07/12/2006	100%	<a href="#">SP-060545</a>	Amdocs	SP#34 completed		
##	####	7007	Deleted - Protocol impact of FBI for TISPAN R2	FB12-TISP2-c1	3	Rel-8	C1	16/08/2006	15/03/2007	100%	-	Ericsson	SP#38 stopped		
##	####	7006	Deleted (never approved) - Stage 2 of FBI for TISPAN R2 - Rel 8	FB12-TISP2-s2	3	Rel-8	S2	30/11/2007	30/11/2007	100%	-	Nokia Siemer	SP#36 stopped		
##	1057	360025	Support of (G)MSC-S – (G)MSC-S Nc Interface base	SIP_Nc	1	Rel-8	C4,C3	14/09/2007	06/03/2009	100%	<a href="#">CP-080282</a>	Vodafone	CP#43 completed. Stage 1 in Featu		
##	1058	410002	Stage 1 for SIP_Nc (covered by Feature IPinterc)	IPinterc	2	Rel-8	S1	06/12/2007	12/03/2008	100%	<a href="#">SP-070871</a>	Telefónica O	22/07/08 Created. Stage 1 for SIP_Nc		
##	1059	360026	SIP-I based circuit-switched core network; Stage 2	SIP_Nc-St2	2	Rel-8	C4	14/09/2007	05/12/2008	100%	<a href="#">CP-080282</a>	Vodafone	CP#42 completed		
##	1060	360027	Application of SIP-I Protocols to Circuit Switched (CS)	SIP_Nc-St3	2	Rel-8	C4	14/09/2007	05/12/2008	100%	<a href="#">CP-080282</a>	Vodafone	CP#42 completed		
##	1061	360028	Interworking between the 3GPP CS domain with SIP-I a	SIP_Nc	2	Rel-8	C3	14/09/2007	06/03/2009	100%	<a href="#">CP-080282</a>	Nokia Siemer	CP#43 completed. CP#42 target 12/0		
##	1062	370051	Earthquake and Tsunami Warning System	ETWS	1	Rel-8	S1,S2,C1,C	10/09/2007	15/05/2009	100%	<a href="#">SP-070815</a>	NTT DoCoMo	SP#43 Larger scope Feature UID_3		
##	1063	370052	Stage 1 for ETWS	ETWS	2	Rel-8	S1	10/09/2007	12/03/2008	100%	<a href="#">SP-070815</a>	NTT DoCoMo	SP#39 completed		
##	1064	380056	SA2 aspects of ETWS	ETWS	2	Rel-8	S2	14/01/2008	18/09/2008	100%	<a href="#">SP-070815</a>	NTT DoCoMo	SP#41 completed		
##	1065	400015	CT1 aspects of ETWS	ETWS	2	Rel-8	C1	30/05/2008	05/12/2008	100%	<a href="#">CP-080951</a>	NTT DoCoMo	CP#42 completed		
##	1066	410021	CT4 aspects of ETWS	ETWS	2	Rel-8	C4	26/09/2008	05/12/2008	100%	<a href="#">CP-080951</a>	NTT DoCoMo	CP#42 completed		
##	1067	430045	ETWS primary notification message definition in GERA	ETWS	2	Rel-8	G2	12/03/2009	15/05/2009	100%	<a href="#">SP-090154</a>	Ericsson	SP#44 completed with CT1 help (GEF		
##	1068	440011	Conformance Test Aspects – UMTS Earthquake and	ETWS_UMTS_UECo	1	Rel-8	R5	29/05/2009	12/03/2010	100%	<a href="#">RP-090467</a>	NTT DoCoMo	RP#47 completed. Testing for Rel-8 E		
##	1069	380059	In Case of Emergency numbers storage and easy ac	ICE	1	Rel-8	S1,C6	13/03/2007	06/03/2009	100%	<a href="#">SP-070944</a>	Vodafone	CP#43 completed (ICE Graphics nc		
##	1070	380159	Stage 1 for ICE	ICE	2	Rel-8	S1	13/03/2007	12/03/2008	100%	<a href="#">SP-070944</a>	Vodafone	SP#39 Stage 1 completed		
##	1071	380259	CT6 aspects of ICE	ICE	2	Rel-8	C6	13/03/2007	06/03/2009	100%	<a href="#">SP-070944</a>	Vodafone	CP#43 completed (ICE Graphics not i		
##	1072	330006	Local Charging Zone Requirements	LCZR	1	Rel-8	S1	28/09/2006	12/03/2008	100%	<a href="#">SP-060482</a>	China Mobile	SP#39 Stage 1 completed		
##	1073	340029	Customized Alerting Tone (CAT) service	CAT	1	Rel-8	S1,C1,C3,C	06/12/2006	18/09/2009	100%	<a href="#">SP-070122</a>	China Mobile	CP#45 completed		
##	1074	370028	Stage 1 for CAT	CAT	2	Rel-8	S1	06/12/2006	20/09/2007	100%	<a href="#">SP-070122</a>	China Mobile	-		
##	1075	370029	TISPAN requirements for customized multimedia infor	TISCM1	2	Rel-8	S1	03/09/2007	10/12/2007	100%	<a href="#">SP-070880</a>	China Mobile	SP#38 completed		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	1076	390014	<b>IMS CAT Supplementary Service</b>	CAT-SS	2	Rel-8	C1	21/04/2008	04/12/2008	100%	<a href="#">CP-080496</a>	Nortel	CP#42 completed		
##	1077	390071	<b>CAT solution for voice and video call in CS domain</b>	CAT-SS	2	Rel-8	C3	12/03/2008	18/09/2009	100%	<a href="#">CP-080496</a>	Nortel	CP#45 completed. Triggered by Stud;		
##	1078	410010	<b>CAT Service in 3GPP CS domain</b>	CAT-3G_CS	2	Rel-8	C4	12/09/2008	06/03/2009	100%	<a href="#">CP-080445</a>	China Mobile	CP#43 completed. Triggered by Stud;		
##	1079	410015	<b>CAT Service in 3GPP CS domain</b>	CAT-3G_CS	2	Rel-8	C1	12/09/2008	05/12/2008	100%	<a href="#">CP-080445</a>	China Mobile	CP#42 completed. Triggered by Stud;		
##	1080	340031	<b>Service-Level Interworking for Messaging Services</b>	MESSIW	1	Rel-8	S1,S2,C3,I	26/03/2007	06/03/2009	100%	<a href="#">SP-070816</a>	Huawei	<b>CP#43 completed</b>		
##	1081	350047	<b>Stage 1 for MESSIW</b>	MESSIW	2	Rel-8	S1	26/03/2007	26/03/2007	100%	<a href="#">SP-070816</a>	Huawei	SP#35 completed		
##	1082	350048	<b>Stage 2 for MESSIW</b>	MESSIW	2	Rel-8	S2	26/04/2007	07/03/2008	100%	<a href="#">SP-070816</a>	Huawei	SP#39 completed		
##	1083	400016	<b>Stage 3 for MESSIW</b>	MESSIW	2	Rel-8	C3	30/05/2008	06/03/2009	100%	<a href="#">CP-080773</a>	Huawei	CP#43 completed		
##	1084	400017	<b>Stage 3 for MESSIW</b>	MESSIW	2	Rel-8	C1	30/05/2008	05/12/2008	100%	<a href="#">CP-080773</a>	Huawei	CP#42 completed		
##	1085	340044	<b>Multimedia Priority Service</b>	PRIOR	1	Rel-8	S1,C1,C3,I	08/06/2006	18/09/2009	100%	<a href="#">SP-060780</a>	Telcordia	<b>CP#45 completed</b>		
##	1086	320023	<b>Service Requirements for PRIOR</b>	PRIOR-EMR	2	Rel-8	S1	08/06/2006	06/12/2007	100%	<a href="#">SP-060780</a>	Telcordia	SP#38 completed		
##	1087	340012	<b>Stage 3 for PRIOR</b>	PRIOR	2	Rel-8	C1	01/12/2006	18/09/2009	100%	<a href="#">CP-070576</a>	Alcatel-Lucen	CP#45 completed		
##	1088	370021	<b>Stage 3 for PRIOR</b>	PRIOR	2	Rel-8	C4	21/09/2007	06/03/2009	100%	<a href="#">CP-070576</a>	Alcatel-Lucen	CP#43 completed		
##	####	370020	<i>Deleted - Stage 3 for PRIOR</i>	PRIOR	2	Rel-8	C3	21/09/2007	29/05/2009	100%	<a href="#">CP-070576</a>	Alcatel-Lucen	CP#44 stopped (Reason: No Rel-8 st		
##	1090	360010	<b>OSA Rel-8</b>	OSA8	1	Rel-8	S1,C5	23/08/2007	30/05/2008	100%	<a href="#">SP-070692</a>	Orange	<b>SP#40 maintenance &amp; new OSA wc</b>		
##	1091	360004	<b>OSA Stage 1 - Service Requirements</b>	OSA8	2	Rel-8	S1	23/08/2007	12/03/2008	100%	<a href="#">SP-070692</a>	Orange, AePi	SP#40 maintenance & new OSA work		
##	1092	370034	<b>OSA Stage 1 - NGN Service Requirement</b>	OSA8-IMS	2	Rel-8	S1	03/09/2007	14/03/2008	100%	<a href="#">SP-070692</a>	Orange	SP#40 maintenance & new OSA work		
##	1093	360005	<b>OSA Stage 2/3 enhancements</b>	OSA8	2	Rel-8	C5	25/10/2007	30/05/2008	100%	<a href="#">CP-080429</a>	Alcatel-Luce	<b>SP#40 maintenance &amp; new OSA wc</b>		
##	####	370012	<i>Deleted - Ensure Parlay-X composable with identity management fr</i>	OSA8	3	Rel-8	C5	25/10/2007	30/05/2008	100%	<a href="#">CP-080429</a>	Ericsson	CP#40: Work moved to OMA		
##	1095	370013	Parlay-X Content Management web service (store/manage meta-da	OSA8	3	Rel-8	C5	25/10/2007	30/05/2008	100%	<a href="#">CP-080429</a>	Alcatel-Lucen	CP#40 completed		
##	1096	370014	Parlay-X Policy web service	OSA8	3	Rel-8	C5	25/10/2007	30/05/2008	100%	<a href="#">CP-080429</a>	Alcatel-Lucen	CP#40 completed		
##	1097	370015	Parlay-X Terminal status web service	OSA8	3	Rel-8	C5	25/10/2007	30/05/2008	100%	<a href="#">CP-080429</a>	Alcatel-Lucen	CP#40 completed		
##	####	370016	<i>Deleted - Identify communication format used by a particular applica</i>	OSA8	3	Rel-8	C5	25/10/2007	30/05/2008	100%	<a href="#">CP-080429</a>	Ericsson	CP#40: Work moved to OMA		
##	####	380047	<i>Deleted - Security on User Profile Management - reuse GUP API (2</i>	OSA8	3	Rel-8	C5	05/12/2007	30/05/2008	100%	<a href="#">CP-080429</a>	Telecom Italie	SP#38 SP-070853 R8 CRs 22.127 O		
##	####	380048	<i>Deleted - Privacy on Subscriber Identity (Liberty Alliance, OASIS) (2</i>	OSA8	3	Rel-8	C5	05/12/2007	30/05/2008	100%	<a href="#">CP-080429</a>	Telecom Italie	SP#38 SP-070853 R8 CRs 22.127 O		
##	####	380049	<i>Deleted - Topology Hiding (22.127 CR 0086 S1-071838)</i>	OSA8	3	Rel-8	C5	05/12/2007	30/05/2008	100%	<a href="#">CP-080429</a>	Telecom Italie	SP#38 SP-070853 R8 CRs 22.127 O		
##	####	380050	<i>Deleted - Subscriber event notification (22.127 CR 0087 S1-071836)</i>	OSA8	3	Rel-8	C5	05/12/2007	30/05/2008	100%	<a href="#">CP-080429</a>	Telecom Italie	SP#38 SP-070853 R8 CRs 22.127 O		
##	####	380051	<i>Deleted - Event notification (22.127 CR 0088 S1-071762)</i>	OSA8	3	Rel-8	C5	05/12/2007	30/05/2008	100%	<a href="#">CP-080429</a>	Telecom Italie	SP#38 SP-070853 R8 CRs 22.127 O		
##	####	380052	<i>Deleted - Access policy (22.127 CR 0089 S1-071763)</i>	OSA8	3	Rel-8	C5	05/12/2007	30/05/2008	100%	<a href="#">CP-080429</a>	Telecom Italie	SP#38 SP-070853 R8 CRs 22.127 O		
##	####	380053	<i>Deleted - API usage accounting (22.127 CR 0090 S1-071792)</i>	OSA8	3	Rel-8	C5	05/12/2007	30/05/2008	100%	<a href="#">CP-080429</a>	Telecom Italie	SP#38 SP-070853 R8 CRs 22.127 O		
##	1106	380054	Presence alignment with OMA and IETF (22.127 CR 0092 S1-07176)	OSA8	3	Rel-8	C5	05/12/2007	30/05/2008	100%	<a href="#">CP-080429</a>	Alcatel-Lucen	CP#40 completed		
##	####	380055	<i>Deleted - Service identification (22.127 CR 0095 S1-071837)</i>	OSA8	3	Rel-8	C5	05/12/2007	30/05/2008	100%	<a href="#">CP-080429</a>	Ericsson	SP#38 SP-070853 R8 CRs 22.127 O		
##	1108	390067	Framework Enterprise Operator (Service Subscription function)	OSA8	3	Rel-8	C5	10/01/2008	30/05/2008	100%	<a href="#">CP-080429</a>	Alcatel-Lucen	CP#40 completed		
##	1109	390068	Mobility Emergency Location	OSA8	3	Rel-8	C5	10/01/2008	30/05/2008	100%	<a href="#">CP-080429</a>	Alcatel-Lucen	CP#40 completed		
##	1110	390069	Connectivity Manager SCF	OSA8	3	Rel-8	C5	10/01/2008	30/05/2008	100%	<a href="#">CP-080429</a>	Alcatel-Lucen	CP#40 completed		
##	1111	390070	PAM Presence Agent	OSA8	3	Rel-8	C5	10/01/2008	30/05/2008	100%	<a href="#">CP-080429</a>	Alcatel-Lucen	CP#40 completed		
##	1112	360032	<b>Paging Permission with Access Control (PPACR)</b>	PPACR	1	Rel-8	S1,C1	12/06/2007	05/12/2008	100%	<a href="#">SP-070501</a>	NTT DoCoMo	<b>CP#42 completed. Triggered by Str</b>		
##	1113	370084	<b>Stage 1 for PPACR</b>	PPACR-S1	2	Rel-8	S1	12/06/2007	14/09/2007	100%	<a href="#">SP-070501</a>	NTT DoCoMc	SP#37 completed		
##	1114	380017	<b>Stage 3 for PPACR (CT1)</b>	PPACR-CT1	2	Rel-8	C1	14/11/2007	05/12/2008	100%	<a href="#">CP-070783</a>	NTT DoCoMc	CP#42 completed		
##	1115	490017	<b>Conformance Test Aspects – Paging Permission wi</b>	PPAC_UEConTest	1	Rel-8	R5	17/09/2010	10/12/2010	100%	<a href="#">RP-100806</a>	NTT DoCoMc	RP#50 completed		
##	1116	380063	<b>Charging for multi-phases services</b>	CHRGMPH	1	Rel-8	S1	06/12/2007	12/03/2008	100%	<a href="#">SP-080053</a>	Telecom Itali	<b>SP#39 Stage 1 completed</b>		
##	1117	380070	<b>Stage 1 for CHRGMPH</b>	CHRGMPH-s1	2	Rel-8	S1	06/12/2007	12/03/2008	100%	<a href="#">SP-080053</a>	Telecom Italie	SP#39 completed		
##	1118	380065	<b>Home NodeB / eNodeB</b>	HomeNB	1	Rel-8	S1,C1,C4	06/12/2007	06/03/2009	100%	<a href="#">SP-070952</a>	Vodafone	<b>CP#43 completed</b>		

ID	ID	Unique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														May	Qtr 3, 2011 Jul
##	1119	380066	<b>Stage 1 for Home NodeB / eNodeB</b>	HomeNB-S1	2	Rel-8	S1	06/12/2007	12/03/2008	100%	<a href="#">SP-070952</a>	Vodafone	SP#39 completed		
##	1120	420019	<b>Support of Closed Subscriber Group (CSG)</b>	HomeNB	2	Rel-8	C4	05/12/2008	06/03/2009	100%	<a href="#">non-existent</a>	CT#42	CP#43 completed. SP#42 SP-080874		
##	1121	410012	<b>CSG and Idle Mode Mobility for LTE Home eNodeB</b>	HomeNB-LTE	2	Rel-8	C1	12/09/2008	06/03/2009	100%	<a href="#">CP-080498</a>	Huawei	CP#43 completed		
##	1122	410013	<b>CSG and Idle Mode Mobility for 3G Home NodeB</b>	HomeNB-3G	2	Rel-8	C1	12/09/2008	06/03/2009	100%	<a href="#">CP-080792</a>	Qualcomm	CP#43 completed		
##	1123	390033	<b>UTRA HNB</b>	HNB	1	Rel-8	RP,S5	07/03/2008	04/06/2009	100%	<a href="#">not applicable</a>	-	<b>SP#44 completed</b>		
##	1124	400053	<b>Support of UTRA HNB</b>	HNB-supp	2	Rel-8	R2	30/05/2008	06/03/2009	100%	<a href="#">RP-080752</a>	Huawei	RP#43 completed		
##	1125	400054	<b>UTRAN Architecture for 3G HNB</b>	HNB-arch	2	Rel-8	R3	30/05/2008	05/12/2008	100%	<a href="#">RP-080487</a>	Alcatel-Lucen	RP#42 completed		
##	1126	390034	<b>FDD Home NodeB RF requirements</b>	HNB-RF	2	Rel-8	R4	07/03/2008	06/03/2009	100%	<a href="#">RP-080971</a>	Motorola	RP#43 completed		
##	1127	420037	<b>3G Home NodeB OAM&amp;P Type 1 Management Interface</b>	HNB-3G_OAM	2	Rel-8	S5[99%]	11/12/2008	04/06/2009	100%	<a href="#">SP-080708</a>	Huawei	SP#44 completed. Complements wor		
##	1128	430022	<b>UTRA HNB – UE Conformance Testing</b>	HNB-UEConTest	1	Rel-8	R5	06/03/2009	04/06/2010	100%	<a href="#">not applicable</a>	-	<b>RP#48 FDD completed. Testing for</b>		
##	1129	430023	<b>Conformance Test Aspects – UTRA HNB (FDD)</b>	HNB-UEConTestFDC	2	Rel-8	R5	06/03/2009	04/06/2010	100%	<a href="#">RP-090023</a>	Huawei	RP#48 completed		
##	1130	350015	<b>Lawful Interception in the 3GPP Rel-8</b>	Li8	1	Rel-8	S3	12/03/2007	12/03/2009	100%	<a href="#">SP-070238</a>	BMWl, Verizo	SP#43 completed		
##	1131	390046	<b>Generic Bootstrapping Architecture Push Function</b>	GBAPush	1	Rel-8	S3,C1,C4	12/03/2008	06/03/2009	100%	<a href="#">SP-080133</a>	Ericsson	<b>CP#43 completed</b>		
##	1132	390146	<b>SA3 part of GBAPush (33.223)</b>	GBAPush	2	Rel-8	S3	12/03/2008	05/12/2008	100%	<a href="#">SP-080133</a>	Ericsson	SP#42 completed 33.223 as Rel-8. T		
##	1133	390246	<b>CT1 part of GBAPush</b>	GBAPush	2	Rel-8	C1	12/03/2008	06/03/2009	100%	<a href="#">CP-090112</a>	Ericsson	CP#43 completed		
##	1134	390346	<b>CT4 part of GBAPush</b>	GBAPush	2	Rel-8	C4	12/03/2008	06/03/2009	100%	<a href="#">CP-090112</a>	Ericsson	CP#43 completed		
##	1135	34045	<b>Requirements and Test methods for Wideband Terr</b>	RETEM_WB_T	1	Rel-8	S4	12/03/2008	11/12/2008	100%	<a href="#">SP-080004</a>	FT, Ericsson	SP#42 completed. SP#39 WID appro		
##	1136	34043	<b>Extending PSS and MBMS User Services for optimiz</b>	PSS_MBMS_OMTV	1	Rel-8	S4	06/12/2007	11/12/2008	100%	<a href="#">SP-070757</a>	Ericsson	SP#42 completed. SP#38 WID appro		
##	1137	400028	<b>Encoding formats, transport formats and media des</b>	MTSI_eMHI	1	Rel-8	S4,C3,C4	06/12/2007	12/03/2009	100%	<a href="#">SP-080443</a>	Ericsson, Qu	<b>TSG#43 completed</b>		
##	1138	34041	<b>MTSI Video - Dynamic Rate Adaptation/Signalling of Im</b>	MTSI_eMHI-DRASIS	2	Rel-8	S4	06/12/2007	12/03/2009	100%	<a href="#">SP-080246</a>	Qualcomm, S	SP#43 completed		
##	1139	400018	<b>CT3 part of Enhancement of interworking between MTS</b>	MTSI_eMHI	2	Rel-8	C3	30/05/2008	06/03/2009	100%	<a href="#">CP-080774</a>	Huawei	CP#43 completed		
##	1140	400020	<b>CT4 part of Enhancement of interworking between MTS</b>	MTSI_eMHI	2	Rel-8	C4	30/05/2008	06/03/2009	100%	<a href="#">CP-080774</a>	Huawei	CP#43 completed		
##	####	400019	<i>Deleted - CT1 part of Enhancement of interworking between MTSI and C</i>	MTSI_eMHI	2	Rel-8	C1	30/05/2008	12/12/2008	100%	<a href="#">CP-080774</a>	Huawei	CP#42 stopped (No CT1-impact). WI		
##	1142	340063	<b>Rel-8 Operations, Administration, Maintenance and I</b>	OAM8	1	Rel-8	S5,C1,C4	07/06/2007	04/12/2009	100%	<a href="#">not applicable</a>	-	-		
##	1143	340064	<b>Network Infrastructure Management</b>	OAM8-NIM	2	Rel-8	S5	07/06/2007	04/12/2009	100%	<a href="#">not applicable</a>	-	-		
##	1144	35051	Telecom Management Methodology	OAM8	3	Rel-8	S5	07/06/2007	12/03/2009	100%	<a href="#">SP-070296</a>	Ericsson	SP#43 completed		
##	1145	35053	Advanced Alarming on Itf-N	OAM8	3	Rel-8	S5	07/06/2007	12/06/2008	100%	<a href="#">SP-070492</a>	Nokia Siemer	SP#40 completed		
##	1146	35056	CN CS Bearer Transport Network (BTN) relative NRM	OAM8	3	Rel-8	S5	07/06/2007	12/06/2008	100%	<a href="#">SP-070300</a>	China Mobile	SP#40 completed		
##	1147	390016	Alignment with eTOM and M.3060 architectural concepts	OAM8	3	Rel-8	S5	22/02/2008	11/12/2008	100%	<a href="#">SP-080068</a>	TeliaSonera	SP#42 completed		
##	1148	400030	IRP SOAP Solution Sets	OAM8	3	Rel-8	S5	05/06/2008	12/03/2009	100%	<a href="#">SP-090148</a>	Ericsson	SP#43 completed		
##	1149	450052	Create missing specifications for IRP XML definitions	OAM8	3	Rel-8	S5	24/09/2009	04/12/2009	100%	<a href="#">SP-090553</a>	ZTE	SP#46 completed. Create missing XN		
##	####	370002	<i>Deleted - End point modelling for reference point</i>	OAM8	3	Rel-8	S5	17/09/2007	11/12/2008	100%	<a href="#">SP-070618</a>	Motorola	SP#41 Work stopped. Contributions r		
##	1151	340065	<b>Performance Management</b>	OAM8-PM	2	Rel-8	S5	07/06/2007	12/03/2009	100%	<a href="#">not applicable</a>	-	-		
##	1152	35061	IP bearer network Performance measurement definitions	OAM8	3	Rel-8	S5	07/06/2007	11/12/2008	100%	<a href="#">SP-070301</a>	China Mobile	SP#42 completed		
##	1153	360001	HSUPA performance measurements	OAM8	3	Rel-8	S5	07/06/2007	11/12/2008	100%	<a href="#">SP-070835</a>	China Mobile	SP#42 completed		
##	1154	360002	Key Performance Indicators (KPIs) for UMTS and GSM	OAM8	3	Rel-8	S5	07/06/2007	12/03/2009	100%	<a href="#">SP-070299</a>	China Mobile	SP#43 completed		
##	1155	340066	<b>Trace Management</b>	OAM8-Trace	2	Rel-8	S5,C1,C3,i	07/03/2008	05/12/2008	100%	<a href="#">not applicable</a>	-	-		
##	1156	11067	Service Level Tracing in IMS	OAM8-Trace	3	Rel-8	C1	07/03/2008	05/12/2008	100%	<a href="#">CP-080315</a>	Vodafone	CP#42 completed		
##	1157	400022	Service Level Tracing in IMS	OAM8-Trace	3	Rel-8	C4	07/03/2008	05/12/2008	100%	<a href="#">CP-080315</a>	Vodafone	CP#42 completed		
##	####	400021	<i>Deleted - Service Level Tracing in IMS</i>	OAM8-Trace	3	Rel-8	C3	07/03/2008	05/12/2008	100%	<a href="#">CP-080315</a>	Vodafone	CP#42 stopped (No CT3-impact)		
##	1159	350016	<b>Rel-8 Charging Management small Enhancements</b>	CH8	1	Rel-8	S5	16/03/2006	11/12/2008	100%	<a href="#">not applicable</a>	-	<b>SP#42 completed</b>		
##	1160	350038	<b>Online charging correlation</b>	CH8	2	Rel-8	S5	16/03/2006	14/12/2007	100%	<a href="#">SP-070077</a>	Orange	SP#38 completed		
##	1161	360003	<b>SMS online charging</b>	CH8	2	Rel-8	S5	07/06/2007	14/12/2007	100%	<a href="#">SP-070293</a>	Vodafone	SP#38 completed		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	1162	410045	<b>Introduce Online Charging from SMS-SC into the SMS</b>	CH8	2	Rel-8	S5	18/09/2008	11/12/2008	100%	<a href="#">SP-080463</a>	Acision	SP#42 completed. Linked to SA2 UID		
##	####	380046	<i>Deleted - WLAN Offline Charging</i>	CH8	2	Rel-8	S5	07/01/2008	11/12/2008	100%	<a href="#">SP-070750</a>	Alcatel-Lucen	SP#42 stopped		
##	1164	380024	<b>Conferencing enhancements for Mp interface</b>	eMp	1	Rel-8	C4	30/11/2007	05/12/2008	100%	<a href="#">CP-080725</a>	Huawei	CP#42 completed		
##	1165	380025	<b>Stage 2 for eMp</b>	eMp	2	Rel-8	C4	30/11/2007	05/12/2008	100%	<a href="#">CP-080725</a>	Huawei	CP#42 completed		
##	1166	380026	<b>Stage 3 for eMp</b>	eMp	2	Rel-8	C4	30/11/2007	05/12/2008	100%	<a href="#">CP-080725</a>	Huawei	CP#42 completed		
##	1167	320014	<b>Contact Manager for 3GPP UICC applications</b>	eUPHBOOK	1	Rel-8	C6	22/06/2006	05/12/2008	100%	<a href="#">CP-080382</a>	Gemalto	CP#42 completed. CP#40: WID upd		
##	1168	320015	<b>Requirements for Contact Manager</b>	eUPHBOOK-St1	2	Rel-8	C6	22/06/2006	21/12/2007	100%	<a href="#">CP-080382</a>	Gemalto	CP#38 completed		
##	1169	350046	<b>External interface for eUPHBOOK</b>	eUPHBOOK-Ext_Spe	2	Rel-8	C6	07/05/2007	07/03/2008	100%	<a href="#">CP-080382</a>	Gemalto	CP#39 completed		
##	1170	370004	<b>Internal interface for eUPHBOOK</b>	eUPHBOOK-Int_Spe	2	Rel-8	C6	07/05/2007	05/12/2008	100%	<a href="#">CP-080382</a>	Gemalto	CP#42 completed		
##	####	320016	<i>Deleted - Implementation of eUPHBOOK</i>	eUPHBOOK-SI23	2	Rel-8	C6	21/06/2007	21/06/2007	100%	<a href="#">CP-060355</a>	Giesecke & L	SP#33 stopped		
##	1172	20068	<b>Rel-8 LTE – 3G Long Term Evolution - Evolved Pack</b>	LTE	1	Rel-8	RP,S5	25/09/2006	12/03/2009	100%	<a href="#">RP-080747</a>	NTT DoCoMo	RP#43 completed. Role model for f		
##	1173	330018	<b>LTE – Physical Layer</b>	LTE-Phys	2	Rel-8	R1	25/09/2006	07/03/2008	100%	<a href="#">RP-080747</a>	NTT DoCoMo	RP#39 completed		
##	1174	330019	<b>LTE – Radio Interface Layer 2 and 3 Protocol Aspect</b>	LTE-L23	2	Rel-8	R2	25/09/2006	05/12/2008	100%	<a href="#">RP-080747</a>	Nokia Siemer	RP#42 completed		
##	1175	330020	<b>LTE – eUTRAN Interfaces</b>	LTE-interfaces	2	Rel-8	R3	25/09/2006	05/12/2008	100%	<a href="#">RP-080747</a>	Ericsson	RP#42 completed		
##	1176	330021	<b>LTE – Evolved UTRA and UTRAN RF Radio Transmissi</b>	LTE-RF	2	Rel-8	R4	25/09/2006	05/12/2008	100%	<a href="#">RP-080747</a>	Nokia Siemer	RP#42 completed. RP#47 abandonec		
##	1177	370046	<b>LTE – FDD repeaters</b>	LTE-Repeater	2	Rel-8	R4	14/09/2007	06/03/2009	100%	<a href="#">RP-070749</a>	Powerwave T	RP#43 completed. RP#47 create Rel-		
##	1178	390001	<b>E-UTRAN Data Definitions</b>	E-UTRAN-OAM	2	Rel-8	S5	17/09/2007	12/03/2009	100%	<a href="#">not applicable</a>	-	SP#43 completed		
##	1179	370001	Subscriber and Equipment Trace for E-UTRAN and EPC	E-UTRAN-OAM	3	Rel-8	S5	17/09/2007	12/03/2009	100%	<a href="#">SP-070617</a>	Ericsson	SP#43 completed		
##	1180	380036	E-UTRAN Network Resource Model (NRM) Integration Reference P	E-UTRAN-OAM	3	Rel-8	S5	07/01/2008	12/03/2009	100%	<a href="#">SP-070738</a>	Ericsson	SP#43 completed		
##	1181	390002	Performance measurements for E-UTRAN	E-UTRAN-OAM	3	Rel-8	S5	22/02/2008	12/03/2009	100%	<a href="#">SP-080062</a>	Motorola, Hu	SP#43 completed		
##	1182	390003	Key Performance Indicators (KPIs) for E-UTRAN	E-UTRAN-OAM	3	Rel-8	S5	22/02/2008	12/03/2009	100%	<a href="#">SP-080063</a>	Ericsson	SP#43 completed		
##	1183	390004	<b>Self-Organizing Networks (SON)</b>	LTE_SON-OAM	2	Rel-8	S5	22/02/2008	11/12/2008	100%	<a href="#">SP-080275</a>	Vodafone	SP#42 completed (WT UID_390007		
##	1184	390104	SON Concepts and requirements	LTE_SON-OAM	3	Rel-8	S5	22/02/2008	11/12/2008	100%	<a href="#">SP-080275</a>	Vodafone	SP#42 completed		
##	1185	390005	Self-Establishment of eNBs, including automated Software Manager	LTE_SON-OAM	3	Rel-8	S5	22/02/2008	11/12/2008	100%	<a href="#">SP-080849</a>	Nokia Siemer	SP#42 completed		
##	1186	390006	SON Automatic Neighbour Relations (ANR) List Management	LTE_SON-OAM	3	Rel-8	S5	22/02/2008	11/12/2008	100%	<a href="#">SP-080066</a>	Ericsson	SP#42 completed		
##	1187	25029	<b>Rel-8 LTE – Terminal Conformance Test Specificatio</b>	LTE-UEConTest	1	Rel-8	R5	01/06/2007	04/12/2009	100%	<a href="#">not applicable</a>	-	Testing for Feature UID_20068 (LTI		
##	1188	25041	<b>3G LTE – Terminal Protocol Conformance Test Specific</b>	LTE-UEConTest_SIG	2	Rel-8	R5	01/06/2007	04/12/2009	100%	<a href="#">RP-080647</a>	NEC, Motorol	RP#46 completed		
##	1189	25042	<b>LTE – Terminal Radio Transmission and Reception Cor</b>	LTE-UEConTest_RF	2	Rel-8	R5	01/06/2007	04/12/2009	100%	<a href="#">RP-080601</a>	Agilent	RP#46 completed. RP#50 TR 36.903		
##	####	410022	<i>Deleted - LTE – Terminal Radio Transmission and Reception Conforman</i>	LTE-UEConTest_RF	2	Rel-8	R5	01/06/2007	12/12/2008	100%	<a href="#">RP-080601</a>	Agilent	RP#41 stopped		
##	1191	350040	<b>Rel-8 Improvements of the Radio Interface</b>	RInImp8	1	Rel-8	RP	05/03/2007	06/03/2009	100%	<a href="#">not applicable</a>	-	-		
##	1192	350034	<b>UMTS 1500 MHz</b>	RInImp8-UMTS1500	2	Rel-8	R4	05/03/2007	14/09/2007	100%	<a href="#">RP-070078</a>	NTT DoCoMo	RP#37 completed		
##	1193	350035	<b>UMTS 700 MHz FDD</b>	RInImp8-UMTS700	2	Rel-8	R4	05/03/2007	30/05/2008	100%	<a href="#">RP-070127</a>	Nokia	RP#40 completed		
##	1194	410018	<b>UMTS 1880 MHz TDD</b>	RInImp9-UMTS1880T	2	Rel-8	R4	12/09/2008	06/03/2009	100%	<a href="#">RP-080757</a>	CATT	RP#43 completed		
##	1195	380074	<b>UMTS 2300 MHz TDD LCR</b>	RInImp8-UMTS2300T	2	Rel-8	R4	17/12/2007	12/09/2008	100%	<a href="#">RP-071016</a>	CATT	RP#41 completed. RP#47 abandonec		
##	1196	350037	<b>Further Improved Minimum Performance Requirements</b>	RInImp8-2BIC	2	Rel-8	R4	05/03/2007	07/03/2008	100%	<a href="#">RP-070254</a>	AT&T	RP#39 completed		
##	1197	370032	<b>CS Voice Service over HSPA</b>	RInImp8-CsHspa	2	Rel-8	R2	19/07/2007	07/03/2008	100%	<a href="#">RP-070765</a>	Nokia Siemer	RP#39 completed		
##	1198	370033	<b>Performance requirements for 15 code reception with 1</b>	RInImp8-Hsdpa15coc	2	Rel-8	R4	11/06/2007	07/03/2008	100%	<a href="#">RP-070745</a>	Vodafone	RP#39 completed		
##	####	350036	<i>Deleted - UMTS 2300 MHz FDD/TDD</i>	RInImp8-UMTS2300	2	Rel-8	R4	05/03/2007	12/09/2008	100%	<a href="#">RP-070128</a>	AT&T	RP#41 stopped		
##	1200	25125	<b>Rel-8 Improvements of the Radio Interface - UE Coni</b>	RInImp-UEConTest	1	Rel-8	R5	01/06/2007	05/12/2008	100%	<a href="#">not applicable</a>	-	05/08: Linked to Feature UID_20021		
##	1201	25050	<b>Conformance Test Aspects – CS Voice Service over HS</b>	RInImp8-CsHspa_UE	2	Rel-8	R5	01/06/2007	12/09/2008	100%	<a href="#">RP-080160</a>	Huawei	RP#41 completed		
##	1202	400055	<b>Conformance Test Aspects – Performance requirement</b>	RInImp8-UEConTest	2	Rel-8	R5	07/03/2008	05/12/2008	100%	<a href="#">RP-080311</a>	Ericsson	RP#42 completed		
##	1203	370035	<b>Rel-8 RAN improvements</b>	RANImp	1	Rel-8	RP	04/06/2007	29/05/2009	100%	<a href="#">not applicable</a>	-	-		
##	1204	360013	<b>Combination of 64QAM and MIMO for HSDPA (FDD)</b>	RANImp-64QamMimc	2	Rel-8	R1	04/06/2007	12/09/2008	100%	<a href="#">RP-070500</a>	Ericsson	RP#41 completed		



ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														May	Qtr 3, 2011 Jul
##	1205	370036	Improved L2 for uplink	RANimp-UplinkL2dat	2	Rel-8	R2	14/09/2007	30/05/2008	100%	<a href="#">RP-070717</a>	Ericsson	RP#40 completed. Linked to UID_37C		
##	1206	370037	Enhanced Uplink for CELL_FACH State in FDD	RANimp-UplinkEnhSt	2	Rel-8	R2	14/09/2007	05/12/2008	100%	<a href="#">RP-070677</a>	Nokia Siemer	RP#42 completed. Linked to UID_37C		
##	1207	370038	Enhanced UE Discontinuous Reception (DRX) for FDD	RANimp-DRX	2	Rel-8	R2	14/09/2007	12/09/2008	100%	<a href="#">RP-070679</a>	Nokia	RP#41 completed. Continuation of Re		
##	1208	370039	Enhancements for Serving Radio Network Subsystem (	RANimp-SmsReloc	2	Rel-8	R3	14/09/2007	12/09/2008	100%	<a href="#">RP-070759</a>	Nokia Siemer	RP#41 completed. Linked to UID_37C		
##	1209	370040	Enhancements for FDD HSPA Evolution	RANimp-HSPA Evo	2	Rel-8	R3,R2	14/09/2007	05/12/2008	100%	<a href="#">RP-080830</a>	Nokia Siemer	RP#42 completed. Triggered by Rel-7		
##	1210	380075	64QAM for 1.28 Mcps TDD HSDPA	RANimp-64Qam1.28	2	Rel-8	R1	04/12/2007	05/12/2008	100%	<a href="#">RP-070924</a>	ZTE	RP#42 completed. Linked to Rel-8 Sti		
##	1211	380076	Enhanced CELL_FACH state in 1.28 Mcps TDD	RANimp-EnhState1.2	2	Rel-8	R2	04/12/2007	05/12/2008	100%	<a href="#">RP-071038</a>	ZTE	RP#42 completed. Linked to Rel-8 Sti		
##	1212	390028	Continuous Connectivity for packet data users for 1.28	RANimp-LCRCPC	2	Rel-8	R1	07/03/2008	29/05/2009	100%	<a href="#">RP-080085</a>	TD Tech	RP#44 completed. Linked to Rel-8 Sti		
##	1213	390029	HSPA VoIP to WCDMA/GSM CS continuity	RANimp-HSPA VoIP	2	Rel-8	R2	07/03/2008	06/03/2009	100%	<a href="#">RP-080749</a>	Nokia	RP#43 completed		
##	1214	390030	HS-DSCH Serving Cell Change Enhancements	RANimp-HSDSCH	2	Rel-8	R2	07/03/2008	05/12/2008	100%	<a href="#">RP-080227</a>	Ericsson	RP#42 completed		
##	1215	400050	MIMO for 1.28 Mcps TDD. Linked to Rel-8 Study on Sco	RANimp-MIMOLCR	2	Rel-8	R1,R4	01/11/2007	06/03/2009	100%	<a href="#">RP-080485</a>	CATT	RP#43 completed		
##	1216	400052	Dual-Cell HSDPA operation on adjacent carriers	RANimp-DCHSDPA	2	Rel-8	R1,R4	30/05/2008	11/12/2008	100%	<a href="#">RP-080490</a>	Ericsson	RP#42 completed. Triggered by UID_		
##	1217	25126	Rel-8 RAN improvements - UE Conformance Testing	RANimp-UEConTest	1	Rel-8	R5	30/05/2008	17/09/2010	100%	<a href="#">not applicable</a>	-	Linked to Feature UID_20029 (RAN		
##	1218	410020	Conformance Test Aspects – Combination of 64QAM a	RANimp-UEConTest	2	Rel-8	R5	12/09/2008	04/12/2009	100%	<a href="#">RP-080759</a>	Ericsson	RP#46 completed. Testing for UID_37C		
##	1219	400056	Conformance Test Aspects – Improved L2 for uplink	RANimp-UEConTest	2	Rel-8	R5	30/05/2008	18/09/2009	100%	<a href="#">RP-080606</a>	Ericsson	RP#45 completed. Testing for UID_37C		
##	1220	440010	Conformance Test Aspects – 1.28 Mcps TDD Improved	RANimp-UEConTest	2	Rel-8	R5	29/05/2009	17/09/2010	100%	<a href="#">RP-090491</a>	CATT	RP#49 completed. Testing for Rel-7 U		
##	1221	400057	Conformance Test Aspects – 64QAM for 1.28 Mcps TDD	RANimp-UEConTest	2	Rel-8	R5	30/05/2008	29/05/2009	100%	<a href="#">RP-080334</a>	ZTE	RP#44 completed. Testing for UID_37C		
##	1222	420015	Conformance Test Aspects – Dual-Cell HSDPA operatio	RANimp-UEConTest	2	Rel-8	R5	05/12/2008	04/06/2010	100%	<a href="#">RP-080996</a>	Qualcomm	RP#48 completed. Testing for UID_47C		
##	1223	430024	Conformance Test Aspects – Enhanced Uplink for CEL	RANimp-UEConTest	2	Rel-8	R5	06/03/2009	04/06/2010	100%	<a href="#">RP-090152</a>	Nokia	RP#48 completed. Testing for UID_37C		
##	1224	430028	Conformance Test Aspects – Receiver Type3i	RANimp-UEConTest	2	Rel-8	R5	06/03/2009	04/12/2009	100%	<a href="#">RP-090010</a>	Qualcomm	RP#46 completed. Testing for Receiv		
##	1225	440009	Conformance Test Aspects – Enhanced CELL_FACH Si	RANimp-UEConTest	2	Rel-8	R5	30/05/2009	17/09/2010	100%	<a href="#">RP-090490</a>	CATT	RP#49 completed. Testing for UID_37C		
##	1226	450024	Conformance Test Aspects – Continuous Connectivity	RANimp-UEConTest	2	Rel-8	R5	18/09/2009	17/09/2010	100%	<a href="#">RP-090751</a>	ZTE	RP#49 completed. Testing for UID_37C		
##	1227	450025	Conformance Test Aspects – MIMO for 1.28 Mcps TDD	RANimp-UEConTest	2	Rel-8	R5	18/09/2009	04/06/2010	100%	<a href="#">RP-100120</a>	ZTE	PR#48 completed. Testing for UID_47C		
##	1228	450026	Conformance Test Aspects – HS-DSCH Serving Cell Ch	HSDSCH_UEConTes	2	Rel-8	R5	18/09/2009	19/03/2010	100%	<a href="#">RP-090756</a>	Qualcomm	RP#47 completed. Testing for UID_37C		
##	1229	360008	3.84 Mcps TDD MBSFN Integrated Mobile Broadcast	MBSFN-DOB	1	Rel-8	R1	04/06/2007	05/12/2008	100%	<a href="#">RP-081124</a>	Ericsson	RP#42 completed. WID updated RP-7		
##	1230	440008	Conformance Test Aspects – 3.84 Mcps TDD MBSFN	MBSFN_IMB_UECon	1	Rel-8	R5	30/05/2009	19/03/2010	100%	<a href="#">RP-090583</a>	IPwireless	RP#47 completed. Testing for Rel-8 N		
##	1231	50583	GERAN support for GERAN - 3G Long Term Evolutio	GELTE	1	Rel-8	GP,G1,C1	08/09/2006	02/09/2011	92%	<a href="#">GP-061757</a>	Nokia, Nokia	GP#41 completed (MS conformance		
##	1232	51583	G1 part of GERAN support for GERAN - 3G Long Term	GELTE	2	Rel-8	G1	08/09/2006	20/02/2009	100%	<a href="#">GP-061757</a>	Nokia, Nokia	GP#41 completed		
##	1233	52583	G2 part of GERAN support for GERAN - 3G Long Term	GELTE	2	Rel-8	G2	08/09/2006	20/02/2009	100%	<a href="#">GP-061757</a>	Nokia, Nokia	GP#41 completed		
##	1234	53583	CT1 part of GERAN support for GERAN - 3G Long Term	GELTE	2	Rel-8	C1	08/09/2006	20/02/2009	100%	<a href="#">GP-061757</a>	Nokia, Nokia	-		
##	1235	54583	Testing for GERAN support for GERAN - 3G Long Term	GELTE	2	Rel-8	G3new	08/09/2006	02/09/2011	80%	<a href="#">GP-061757</a>	Nokia, Nokia	GP#50 completion 05/11=>09/11		
##	1236	55586	U-TDOA Enhancement	GUTEN	1	Rel-8	GP	18/05/2007	16/11/2007	100%	<a href="#">GP-070865</a>	TruePosition	GP#36 completed U-TDOA (Uplink Ti		
##	1237	50587	GAN Enhancements	GANENH	1	Rel-8	GP	15/05/2007	04/09/2009	100%	<a href="#">GP-071484</a>	T-Mobile	GP#37 completed. GP#43 complete		
##	1238	50588	Update to GAN specifications	GANENH-SPEC	2	Rel-8	GP	31/08/2007	22/02/2008	100%	<a href="#">GP-071560</a>	T-Mobile	GP#37 completed		
##	1239	53089	Update TS 51.010 Mobile Station (MS) Conformance Sp	GANENH-MStest	2	Rel-8	G3new	15/05/2007	04/09/2009	100%	<a href="#">GP-071563</a>	T-Mobile	GP#43 completed		
##	1240	50591	AoIP (A-interface over IP)	AoIP	1	Rel-8	GP,S4,C4,	03/01/2000	11/12/2008	100%	<a href="#">GP-081361</a>	China Mobile	GP#40/TSG#42 completed . Trigger		
##	1241	400041	GERAN aspects of AoIP	AoIP	2	Rel-8	GP	03/01/2000	21/11/2008	100%	<a href="#">GP-081362</a>	China Mobile,	GP#40 completed. GP#39 updated W		
##	1242	400042	Media Requirements for CS over IP based User Plane	AoIP-CSolP	2	Rel-8	S4	05/12/2007	11/12/2008	100%	<a href="#">SP-080444</a>	China Mobile,	SP#42 completed		
##	1243	400024	Core Network Impacts for A-Interface User Plane over I	AoIP-CN	2	Rel-8	C4	30/05/2008	05/12/2008	100%	<a href="#">CP-080722</a>	Ericsson	CP#42 completed. Updated WID CP-		
##	1244	400124	Core Network Impacts for A-Interface User Plane over I	AoIP-CN	2	Rel-8	C1	30/05/2008	05/12/2008	100%	<a href="#">CP-080722</a>	Ericsson	CP#42 completed. Updated WID CP-		
##	1245	400224	Core Network Impacts for A-Interface User Plane over I	AoIP-CN	2	Rel-8	C3	30/05/2008	05/12/2008	100%	<a href="#">CP-080722</a>	Ericsson	CP#42 completed. Updated WID CP-		
##	1246	51147	New multicarrier BTS class	MCBTS	1	Rel-8	G1	31/08/2007	29/08/2008	100%	<a href="#">GP-071542</a>	Alcatel-Lucen	GP#39 completed		
##	1247	38001	Support for Additional Navigation Satellite Systems	ANSS	1	Rel-8	S1,G2	16/05/2008	11/12/2008	100%	<a href="#">GP-081784</a>	Qualcomm	GP#40 completed. Align with RAN		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	1248	420038	<b>Stage 1 for ANSS for LCS</b>	ANSS	2	Rel-8	S1	11/12/2008	11/12/2008	100%	<a href="#">not applicable</a>	-	SP#42 completed by 22.071 CR0077		
##	1249	38101	<b>Support for Additional Navigation Satellite Systems (ANSS)</b>	ANSS	2	Rel-8	G2	16/05/2008	21/11/2008	100%	<a href="#">GP-081784</a>	Qualcomm	GP#40 completed. Align with RANimp		
##	1250	400051	<b>Support for Additional Navigation Satellite Systems (ANSS)</b>	RANimp-ANSS	2	Rel-8	R2	30/05/2008	05/12/2008	100%	<a href="#">RP-080346</a>	Qualcomm	SR in RP-080813. RP#42 WI closed i		
##	1251	51149	<b>Conformance testing for the Latency Reductions feature</b>	CTLATRED	1	Rel-8	G1, G3new	22/02/2008	05/03/2010	100%	<a href="#">GP-080367</a>	Ericsson	<b>GP#45 completed</b>		
##	1252	53090	<b>MS conformance testing for the Latency Reductions feature</b>	CTLATRED-MSTest	2	Rel-8	G3new	22/02/2008	05/03/2010	100%	<a href="#">GP-080368</a>	Ericsson	GP#45 completed		
##	1253	51150	<b>BTS conformance testing for the Latency Reductions feature</b>	CTLATRED-BTSTest	2	Rel-8	G1	22/02/2008	20/02/2009	100%	<a href="#">GP-080369</a>	Ericsson	GP#41 completed		
##	1254	53091	<b>MS conformance testing of changes introduced by V</b>	PSHCT-MSTest	1	Rel-8	G3new	22/02/2008	21/11/2008	100%	<a href="#">GP-080411</a>	Rohde & Sch	GP#40 completed		
##	1255	320001	<b>(Small) Technical Enhancements and Improvements</b>	TEI8	1	Rel-8	All	01/01/2007	11/12/2008	100%	<a href="#">not applicable</a>	-	SP#42 completed		
##	1256	400025	<b>Test - (Small) Technical Enhancements and Improvements</b>	TEI8_Test	1	Rel-8	R5,G3new	07/03/2007	24/12/2010	100%	<a href="#">not applicable</a>	-	-		
##	####	31067	<i>Deleted - All-IP Network</i>	AIPN	1	Rel-8	S1	28/06/2004	15/03/2006	100%	<a href="#">SP-050181</a>	NTT DoCoMo	SP#38 stopped. 25/07/08 Moved UID		
##	####	31068	<i>Deleted - Stage 1</i>	AIPN	2	Rel-8	S1	28/06/2004	15/03/2006	100%	<a href="#">SP-050181</a>	NTT DoCoMo	22.258 withdrawn, superseded by 22.		
##	####	340032	<i>Deleted - was Rel7 - LCS for 3GPP Interworking WLAN</i>	LCS4_IWLAN	1	Rel-8	S2	28/09/2007	28/09/2007	100%	<a href="#">SP-060818</a>	LG Electronic	SP-35 stopped		
##	####	330010	<i>Deleted - never approved- FBI Phase 2</i>	FB12	1	Rel-8	S2	28/09/2007	28/09/2007	100%	-	Nokia Siemer	SP#38 stopped		
##	####	330007	<i>Deleted -Enhancements to BS30 Bearer service for Videotelephony</i>	BS30	1	Rel-8	S1	15/03/2007	15/03/2007	100%	<a href="#">SP-060484</a>	3	SP#38 stopped (no support)		
##	####	370055	<i>Deleted - IMS Enhancements Rel-8</i>	IMS8	1	Rel-8	S1	03/09/2007	14/12/2007	100%	-	Telecom Italia	SP#38 stopped		
##	####	400023	<i>Deleted - Contact Manager Conformance Test specifications</i>	eUPHBOOK-Test	1	Rel-8	C6	02/06/2008	19/03/2010	100%	<a href="#">CP-080430</a>	Comprion, G	CP#47 work stopped/abandoned		
##	####	400123	<i>Deleted - Contact Manager for 3GPP UICC applications test specification</i>	eUPHBOOK-Test	2	Rel-8	C6	02/06/2008	19/03/2010	100%	<a href="#">CP-080430</a>	Comprion	CP#47 work stopped/abandoned		
##	####	400223	<i>Deleted - Contact Manager API for Java™ Card test specification</i>	eUPHBOOK-Test	2	Rel-8	C6	02/06/2008	19/03/2010	100%	<a href="#">CP-080430</a>	Gemalto	CP#47 work stopped/abandoned		
##	####	53092	<i>Deleted - MS conformance testing of Support of Conversational Services in A</i>	SCSAGBCT-MSTest	1	Rel-8	G3new	25/02/2008	04/09/2009	100%	<a href="#">GP-080330</a>	Nokia	GP#43 work stopped/abandoned (coi		
##	1267	0	<b>Release 8 Studies</b>	-	1	Rel-8	CP,GP,RP	07/10/2005	12/11/2010	100%	-	-	-		
##	1268	7026	<b>Study on Customised Alerting Tone (CAT) Requirement</b>	FS_CAT	1	Rel-8	S1	07/10/2005	14/09/2006	100%	<a href="#">SP-060474</a>	China Mobile	Spin-off Rel-8 Feature Customized Al		
##	1269	7027	<b>Study on Facilitating Machine to Machine Communication</b>	FS_M2M	1	Rel-8	S1	04/11/2005	08/03/2007	100%	<a href="#">SP-050527</a>	Siemens	SP#35 completed. Spin-off SA3 Study		
##	1270	31089	<b>Study on Network Composition</b>	FS_NetComp	1	Rel-8	S1	07/12/2005	12/12/2007	100%	<a href="#">SP-060478</a>	Nokia Siemer	SP#38 completed		
##	1271	320024	<b>Study on Requirements of IMS Multimedia Conferencing</b>	FS_IMSconf	1	Rel-8	S1	08/06/2006	12/09/2007	100%	<a href="#">SP-060479</a>	China Mobile	SP#37 completed. Spin-off New Feat		
##	1272	320025	<b>Study on support of a Public Warning System</b>	FS_PWS	1	Rel-8	S1	03/09/2007	14/03/2008	100%	<a href="#">SP-080054</a>	T-Mobile	SP#39 completed. Spin-off Rel-9 Fea		
##	1273	330016	<b>Study on Paging Permission with Access Control</b>	FS_PPAC	1	Rel-8	S1	28/09/2006	20/09/2007	100%	<a href="#">SP-060785</a>	NTT DoCoMo	SP#37 completed. Spin-off new Feat		
##	1274	340033	<b>Study on Non-3GPP access Network Selection Principles</b>	FS_N3GtoNSP	1	Rel-8	S1	06/12/2006	05/06/2008	100%	<a href="#">SP-080318</a>	Telefónica O2	SP#38 completed. Spin-off New Feat		
##	1275	340034	<b>Study on Value Added Services for Short Message Service</b>	FS_VAS4SMS	1	Rel-8	S1	06/12/2006	07/12/2007	100%	<a href="#">SP-060786</a>	China Mobile	SP#38 completed. Spin-off New Feat		
##	1276	340035	<b>Study on Service continuity between mobile and WLAN</b>	FS_SMLSWLAN	1	Rel-8	S1	06/12/2006	06/12/2007	100%	<a href="#">SP-060936</a>	NEC	SP#38 completed		
##	1277	370086	<b>Study on Services Alignment and Migration</b>	FS_ServAI	1	Rel-8	S1	06/12/2006	12/03/2008	100%	<a href="#">SP-070126</a>	Telefónica O2	SP#39 completed. Spin-off Rel-9 Fea		
##	1278	32085	<b>Study on 3GPP System Architecture Evolution</b>	FS_SAE	1	Rel-8	S2,S3	03/12/2004	12/03/2009	100%	<a href="#">SP-070163</a>	Vodafone	<b>SP#43 completed</b>		
##	1279	32086	<b>Stage 2 Interim conclusion for RAN Work to start</b>	FS_SAE	2	Rel-8	S2	03/12/2004	18/09/2008	100%	<a href="#">SP-070163</a>	Vodafone	SP#41 completed		
##	1280	32087	<b>Stage 2 study on 3GPP architectural development</b>	FS_SAE	2	Rel-8	S2	09/01/2006	18/09/2008	100%	<a href="#">SP-070163</a>	Vodafone	SP#41 completed		
##	1281	7024	<b>Security study for Inter-access mobility between non-3GPP</b>	FS_SAE	2	Rel-8	S3	03/09/2007	12/03/2009	100%	<a href="#">SP-070163</a>	Nokia	SP#43 completed		
##	1282	320028	<b>Study on Stage 2 aspects of IMS Service Brokering</b>	FS_ISB_ST2	1	Rel-8	S2	19/06/2006	18/09/2008	100%	<a href="#">SP-060443</a>	Telcordia	SP#41 completed. No spin-off activity		
##	1283	7049	<b>Study on IMS utilizing multicast bearer services</b>	FS_MLTICAST-IMS	1	Rel-8	S2	22/03/2006	06/12/2007	100%	<a href="#">SP-060148</a>	Nokia Siemer	SP#38 completed		
##	1284	350051	<b>Study on Multimedia Session Continuity</b>	FS_MMSC	1	Rel-8	S2	26/04/2007	05/06/2008	100%	<a href="#">SP-070818</a>	LG Electronic	SP#40 completed		
##	1285	380034	<b>Study on centralized IMS service control</b>	FS_ICS	1	Rel-8	S2,S1	23/10/2006	12/03/2008	100%	<a href="#">SP-070494</a>	Ericsson	<b>SP#39 completed</b>		
##	1286	370087	<b>Study on centralized IMS services requirements</b>	FS_ICS-S1	2	Rel-8	S1	05/03/2007	12/03/2008	100%	<a href="#">SP-070494</a>	NEC	SP#39 completed		
##	1287	330012	<b>Study on centralized IMS services control</b>	FS_IMS_CSC	2	Rel-8	S2	23/10/2006	12/03/2008	100%	<a href="#">SP-070494</a>	Alcatel-Lucen	SP#39 completed		
##	1288	380078	<b>Study on Architecture of IMS based Customized Alerting</b>	FS_CAT-S12	1	Rel-8	S2	04/12/2007	18/09/2008	100%	<a href="#">SP-070905</a>	China Mobile	SP#41 completed as Rel-8		
##	1289	380085	<b>Study on Home (e)NodeB Security</b>	FS_HNB_Sec	1	Rel-8	S3	20/12/2007	12/03/2009	100%	<a href="#">SP-070783</a>	Huawei	SP#43 completed. Linked to RAN4 SI		
##	1290	360015	<b>Study on Transferring of emergency call data – in-band</b>	eCALLIBMS	1	Rel-8	S4	07/12/2006	12/12/2007	100%	<a href="#">SP-060935</a>	Airbiquity	SP#38 completed. Spin-off WID UID.		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	####	35065	<a href="#">Study on Element Operations Systems Function (EC</a>	OAM7-NIM- EOSF	1	Rel-8	S5	07/06/2007	12/06/2008	100%	<a href="#">SP-070307</a>	China Mobile	SP#40 completed. WID updated SP-C		
##	####	35074	<a href="#">Study on SA5 MTOSI XML Harmonization</a>	OAM8-NIM-XML	1	Rel-8	S5	10/05/2006	12/09/2007	100%	<a href="#">SP-070305</a>	Nortel	SP#37 completed. WID updated SP-C		
##	1293	320006	<a href="#">Study on Common Profile Storage (CPS) Framework</a>	OAM7-CPS	1	Rel-8	S5	03/07/2006	07/06/2007	100%	<a href="#">SP-060263</a>	T-Mobile	SP#36 completed. Spin-off New Feati		
##	1294	340036	<a href="#">Study on Management for LTE and SAE</a>	FS_OAM_LTE_SAE	1	Rel-8	S5	07/12/2006	11/12/2008	100%	<a href="#">SP-060753</a>	Ericsson	SP#42 completed		
##	1295	350004	<a href="#">Study on Charging Aspects of 3GPP System Evoluti</a>	FS_SAEcharg	1	Rel-8	S5	02/04/2007	06/12/2007	100%	<a href="#">SP-070174</a>	Nokia Siemer	SP#38 completed		
##	1296	7048	<a href="#">Study on AS-MRFC media server control protocol</a>	MRFC	1	Rel-8	C1	22/03/2006	13/06/2008	100%	<a href="#">CP-060180</a>	Hewlett-Pack	CP#40 completed. Spin-off New Feat		
##	1297	350018	<a href="#">Study on IMS Restoration Procedures</a>	FS_IMS_RP	1	Rel-8	C4	26/03/2007	30/05/2008	100%	<a href="#">CP-070031</a>	Ericsson	CP#40 completed. Spin-off WID UID_		
##	1298	360030	<a href="#">Study on IMS Application Server Service Data Descr</a>	FS_IMS_ASIO	1	Rel-8	C4	14/09/2007	12/09/2008	100%	<a href="#">CP-070685</a>	Alcatel-Lucen	CP#41 completed. Linked to SA5 Stu		
##	1299	360031	<a href="#">Study on Customized Alerting Tone (CAT) solution f</a>	FS_CAT_VVC_CS	1	Rel-8	C4	14/09/2007	12/09/2008	100%	<a href="#">CP-070518</a>	China Mobile	CP#41 completed. Spin-off WID unde		
##	1300	380023	<a href="#">Study on InterWorking Function between MAP base</a>	FS_MAP2Diam	1	Rel-8	C4	30/11/2007	05/12/2008	100%	<a href="#">CP-070760</a>	Huawei	CP#42 completed. Spin-off implemen		
##	1301	370041	<a href="#">Study on Scope of future HSPA Evolution for 1.28 M</a>	FS_RAN-LCRTDDH	1	Rel-8	R1	14/09/2007	30/05/2008	100%	<a href="#">RP-070748</a>	RITT	RP#40 completed		
##	1302	370042	<a href="#">Study on Synchronized E-DCH for UTRA FDD</a>	FS_RAN-UplinkSync	1	Rel-8	R1	14/09/2007	07/03/2008	100%	<a href="#">RP-070678</a>	Nokia Siemer	RP#39 completed		
##	1303	360016	<a href="#">Study on Improved network controlled mobility betw</a>	FS_RAN-LTEmob	1	Rel-8	R4	04/06/2007	03/12/2007	100%	<a href="#">RP-070511</a>	Motorola	RP#38 completed		
##	1304	350039	<a href="#">Study on 3G Home NodeB/eNodeB</a>	FS_RAN-HNBeNB	1	Rel-8	R4	05/03/2007	30/05/2008	100%	<a href="#">RP-070257</a>	Motorola	RP#40 completed		
##	1305	50589	<a href="#">Study on A-interface over IP</a>	AINTIP	1	Rel-8	GP	31/08/2007	22/02/2008	100%	<a href="#">GP-071562</a>	China Mobile	GP#37 completed. Spin-off implemen		
##	1306	50590	<a href="#">Study on Multi-User Reusing-One-Slot</a>	MUROS	1	Rel-8	GP	16/11/2007	12/11/2010	100%	<a href="#">GP-072033</a>	Nokia Siemer	GP#48 completed as Rel-8. Spin-off i		
##	1307	51148	<a href="#">Study on Optimized Transmit Pulse Shape for Down</a>	WIDER	1	Rel-8	G1	16/11/2007	21/05/2010	100%	<a href="#">GP-072026</a>	Research In I	GP#46 completed		
##	####	350017	<i>Deleted - Study on Mobility between 3GPP-WLAN Interworking and 3GPP Sy</i>	FS_SM3GWLAN	1	Rel-8	S2	20/03/2007	18/09/2008	100%	<a href="#">SP-070106</a>	Orange	SP#41 stopped. Draft TR 23.827 con		
##	####	370044	<i>Deleted - equals 340035 -FS on Service continuity between mobile and WLAN</i>	FSSCMobToW	1	Rel-8	S1	03/09/2007	14/12/2007	100%	<a href="#">SP-070557</a>	BT	SP#39 stopped		
##	####	380068	<i>Deleted - Study on Evaluation of LCS Control Plane Solution for EPS</i>	FS_LCS_EPS	1	Rel-8	S2	14/01/2008	30/05/2008	100%	<a href="#">SP-070819</a>	SiRF	SP#40 spin-off Feature UID_400038		
##	####	380080	<i>Deleted - Study on HS-PDSCH serving cell change enhancements</i>	FS_RAN-HSPDSCH	1	Rel-8	R4	17/12/2007	07/03/2008	100%	<a href="#">RP-071044</a>	Qualcomm	RP#39 stopped (no TR produced). Sj		
##	####	390032	<i>Deleted - Study on Dual-Cell HSDPA operation</i>	FS_RAN-DCHS	1	Rel-8	R1	15/08/2007	06/03/2009	100%	<a href="#">RP-080228</a>	Qualcomm	RP#43 stopped (draft TR 25.825 v10		
##	1313	0	<b>Release 7 Features</b>	-	1	Rel-7	CP,GP,RP	02/05/2005	06/12/2007	100%	-	-	-		
##	1314	732097	<a href="#">Identification of Communication Services in IMS</a>	ServID	1	Rel-7	S2,S1,C1,S	02/05/2005	14/09/2007	100%	<a href="#">SP-060293</a>	Ericsson	WID approved SP#28. WID updated		
##	1315	32106	TR on ServID	ServID	2	Rel-7	S2	02/05/2005	21/03/2006	100%	<a href="#">SP-060293</a>	Ericsson	-		
##	1316	32107	Stage 1,2 of ServID	ServID	2	Rel-7	S1,S2	11/11/2005	31/05/2006	100%	<a href="#">SP-060293</a>	Ericsson	-		
##	1317	320010	Stage 3 of ServID	ServID	2	Rel-7	C1	31/03/2006	15/03/2007	100%	<a href="#">CP-060259</a>	Ericsson	CP#32 approved WID		
##	1318	7035	Charging of ServID	ServID	2	Rel-7	S5	31/03/2006	14/09/2007	100%	<a href="#">SP-060293</a>	Orange	-		
##	1319	32116	<a href="#">Supporting Globally Routable User Agent URIs in IM</a>	GRUU	1	Rel-7	S2,S1,C1	14/11/2005	15/06/2007	100%	<a href="#">SP-050633</a>	Research In I	SP#29 approved WID		
##	####	7009	<i>Deleted - TR on GRUU</i>	GRUU	2	Rel-7	S2	14/11/2005	14/09/2006	100%	<a href="#">SP-050633</a>	Research In I	Abandoned		
##	1321	7010	Stage 1,2 of GRUU	GRUU	2	Rel-7	S1,S2	03/07/2006	29/09/2006	100%	<a href="#">SP-050633</a>	Research In I	SP#29 approved WID		
##	1322	320011	Stage 3 of GRUU	GRUU	2	Rel-7	C1	02/06/2006	15/06/2007	100%	<a href="#">CP-060358</a>	CableLabs	CP#32 approved WID		
##	1323	7038	<a href="#">Multimedia Telephony Service for IMS</a>	MTSI	1	Rel-7	S1,C1,S4	01/02/2006	15/06/2007	100%	<a href="#">SP-060224</a>	Ericsson	-		
##	1324	7039	Stage 1 of MTSI	MTSI-REQ	2	Rel-7	S1	01/02/2006	29/09/2006	100%	<a href="#">SP-060224</a>	Ericsson	-		
##	1325	7037	Stage 3 of MTSI	MTSI	2	Rel-7	C1	10/03/2006	14/06/2007	100%	<a href="#">CP-060257</a>	Ericsson	-		
##	1326	7040	Media handling and interaction in MTSI	MTSI-MHI	2	Rel-7	S4	15/03/2006	15/03/2007	100%	<a href="#">SP-060225</a>	Ericsson	-		
##	####	7023	<i>Deleted - duplicates UID7039 - IMS Multimedia Telephony Service</i>	MMTEL	2	Rel-7	S1	15/06/2007	15/06/2007	100%	<a href="#">SP-050387</a>	Ericsson	-		
##	1328	350147	<a href="#">Multimedia Telephony Service for IMS (MTSI) - UE C</a>	MTSI-UEConTest	1	Rel-7	R5	19/09/2007	12/03/2009	100%	<a href="#">RP-080605</a>	Ericsson, Mol	RP#43 completed. Linked UID_7038		
##	1329	377001	<a href="#">TISPAN requirements for Multimedia Telephony with</a>	TMMTEL7	1	Rel-7	S1	18/09/2007	06/12/2007	100%	<a href="#">SP-070568</a>	-	-		
##	1330	387001	<a href="#">Maintenance of TISPAN release 1 common IMS</a>	MCIMSTR1	1	Rel-7	S2	18/09/2007	06/12/2007	100%	<a href="#">SP-070915</a>	Ericsson	-		
##	1331	387002	SA1 aspects of MCIMSTR1	MCIMSTR1-S1	2	Rel-7	S1	18/09/2007	06/12/2007	100%	<a href="#">SP-070915</a>	Telecom Italia	-		
##	1332	387003	SA2 aspects of MCIMSTR1	MCIMSTR1-S2	2	Rel-7	S2	18/09/2007	06/12/2007	100%	<a href="#">SP-070915</a>	Ericsson	-		
##	1333	32045	<a href="#">PS domain and IMS impacts for supporting IMS Em</a>	EMC1	1	Rel-7	S2,S1	18/09/2000	15/06/2007	100%	<a href="#">SP-050604</a>	Siemens	-		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														May	Qtr 3, 2011 Jul
##	1334	1314	Service Requirements for IP-based emergency calls	EMC1	2	Rel-7	S1	18/09/2000	25/06/2004	100%	<a href="#">SP-050604</a>	Siemens	-		
##	1335	32046	Study on Stage 2 for IMS-level solution	EMC1	2	Rel-7	S2	26/02/2003	16/09/2005	100%	<a href="#">SP-050604</a>	Siemens	-		
##	1336	32080	Study on Stage 2 for GPRS-level solution	EMC1	2	Rel-7	S2	14/10/2004	08/12/2005	100%	<a href="#">SP-050604</a>	Siemens	-		
##	1337	32100	Stage 2 Specification Phase - IMS-level	EMC1	2	Rel-7	S2	05/09/2005	09/06/2006	100%	<a href="#">SP-050604</a>	Siemens	-		
##	####	32101	<i>Deleted - Stage 2 Specification Phase - GPRS-level</i>	<i>EMC1</i>	2	<i>Rel-7</i>	S2	<i>02/03/2007</i>	<i>02/03/2007</i>	<i>100%</i>	<a href="#">SP-050604</a>	<i>Siemens</i>	-		
##	1339	1653	<b>Emergency Call Enhancements for IP&amp; PS Based Calls – stage 3</b>	<b>EMC1</b>	<b>2</b>	<b>Rel-7</b>	<b>C1</b>	<b>09/01/2006</b>	<b>15/06/2007</b>	<b>100%</b>	<a href="#">CP-050529</a>	<b>Ericsson</b>	-		
##	1340	1315	CT1 IMS aspects to support IMS Emergency sessions	EMC1	3	Rel-7	C1	09/01/2006	15/06/2007	100%	<a href="#">CP-050529</a>	Ericsson	-		
##	####	13028	<i>Deleted - CT3 IMS aspects to support IMS Emergency sessions</i>	<i>EMC1</i>	3	<i>Rel-7</i>	C3	<i>08/05/2006</i>	<i>15/09/2006</i>	<i>100%</i>	<a href="#">CP-050529</a>	<i>Ericsson</i>	<i>Cancelled for Rel-7 and there is now i</i>		
##	####	13031	<i>Deleted - CT3 PS domain aspects to support IMS Emergency sessi</i>	<i>EMC1</i>	3	<i>Rel-7</i>	C3	<i>08/05/2006</i>	<i>15/09/2006</i>	<i>100%</i>	<a href="#">CP-050529</a>	<i>Ericsson</i>	<i>Cancelled for Rel-7 and there is now i</i>		
##	1343	1646	CT1 PS domain aspects to support IMS Emergency sessions	EMC1	3	Rel-7	C1	09/01/2006	15/06/2007	100%	<a href="#">CP-050529</a>	Ericsson	-		
##	1344	14026	CT4 PS domain aspects to support IMS Emergency sessions	EMC1-GPRSc4	3	Rel-7	C4	09/01/2006	01/06/2007	100%	<a href="#">CP-050529</a>	Ericsson	-		
##	1345	11065	<b>IMS Support of Conferencing</b>	IMSconf	1	Rel-7	C1	04/11/2005	15/03/2007	100%	<a href="#">CP-070120</a>	Alcatel-Lucen	CP#35 revised WID		
##	1346	34033	<b>Performance Characterization of VoIMS over HSDPA</b>	VoIMS-PCVoIMS	1	Rel-7	S4	15/03/2005	06/12/2007	100%	<a href="#">SP-050089</a>	Alcatel-Lucen	-		
##	1347	31062	<b>WLAN-UMTS Interworking Phase 2</b>	<b>WLAN2</b>	<b>1</b>	<b>Rel-7</b>	<b>S1</b>	<b>05/01/2004</b>	<b>07/06/2005</b>	<b>100%</b>	<a href="#">SP-030712</a>	<b>Telenor</b>	<b>Created at TSG#27 because of WL</b>		
##	1348	31057	Stage 1 on Session Continuity	WLAN-SC	2	Rel-7	S1	05/01/2004	11/06/2004	100%	-	-	-		
##	1349	32096	Stage 2 on Session Continuity: covered by SAE	WLAN-SC	2	Rel-7	S2	07/06/2005	07/06/2005	100%	-	-	-		
##	1350	32110	<b>WLAN Interworking – Private Network access from V</b>	<b>WLANPNA</b>	<b>1</b>	<b>Rel-7</b>	<b>S2,C1,C3,</b>	<b>10/10/2005</b>	<b>26/09/2006</b>	<b>100%</b>	<a href="#">SP-050489</a>	<b>NEC</b>	-		
##	1351	32111	WLAN-PNA - Stage 2	WLANPNA-st2	2	Rel-7	S2	10/10/2005	23/06/2006	100%	<a href="#">SP-050489</a>	NEC	Approved at SP#29		
##	1352	11059	<b>WLAN-PNA - Stage 3</b>	<b>WLANPNA-st3</b>	<b>2</b>	<b>Rel-7</b>	<b>C1,C3,C4</b>	<b>01/02/2006</b>	<b>26/09/2006</b>	<b>100%</b>	<a href="#">CP-060256</a>	<b>NEC</b>	<b>Approved at CP#29</b>		
##	1353	11064	CT1 aspets for WLAN-PNA	WLANPNA-st3	3	Rel-7	C1	01/02/2006	26/09/2006	100%	<a href="#">CP-060256</a>	NEC	Approved at CP#29		
##	1354	13027	CT3 aspets for WLAN-PNA	WLANPNA-st3	3	Rel-7	C3	01/02/2006	26/09/2006	100%	<a href="#">CP-060256</a>	NEC	Approved at CP#29		
##	####	14024	<i>Deleted - CT4 aspets for WLAN-PNA</i>	<i>WLANPNA-st3</i>	3	<i>Rel-7</i>	C4	<i>01/02/2006</i>	<i>26/09/2006</i>	<i>100%</i>	<a href="#">CP-060256</a>	<i>NEC</i>	<i>CT4#31; no impacts identified, theref</i>		
##	1356	32092	<b>Enhancements to support QoS provisioning over 3G</b>	<b>WLANQOS</b>	<b>1</b>	<b>Rel-7</b>	<b>S2,C4,C1</b>	<b>14/03/2005</b>	<b>09/03/2007</b>	<b>100%</b>	<a href="#">SP-050682</a>	<b>Samsung</b>	<b>Moved from FS section Feb 06. SP.</b>		
##	####	7015	<i>Deleted - TR on support of QoS on WLAN</i>	<i>WLANQOS</i>	2	<i>Rel-7</i>	S2	<i>14/03/2005</i>	<i>31/01/2006</i>	<i>100%</i>	<a href="#">SP-050682</a>	<i>Samsung</i>	<i>SP-32 stopped</i>		
##	1358	7016	Stage 2 on support of QoS over 3GPP/WLAN interworking	WLANQOS	2	Rel-7	S2	01/02/2006	30/06/2006	100%	<a href="#">SP-050682</a>	Samsung	SP-30 updated WID		
##	1359	14028	Stage 3 CT4 on support of QoS over 3GPP/WLAN Interworking	WLANQOS	2	Rel-7	C4	22/09/2006	09/03/2007	100%	<a href="#">CP-060418</a>	Huawei	CP-32 approved WID		
##	1360	340005	Stage 3 CT1 on support of QoS over 3GPP/WLAN Interworking	WLANQOS	2	Rel-7	C1	04/09/2006	30/11/2006	100%	<a href="#">CP-060418</a>	Huawei	CP-32 approved WID		
##	1361	32079	<b>Location Services enhancements</b>	<b>LCS3</b>	<b>1</b>	<b>Rel-7</b>	<b>S1,S2,GP,</b>	<b>28/06/2004</b>	<b>17/12/2007</b>	<b>100%</b>	<a href="#">SP-040682</a>	-	-		
##	1362	32093	Stage 2 for LCS3 (including IMS emergency location aspects)	LCS3	2	Rel-7	S2	31/12/2004	15/09/2006	100%	<a href="#">SP-050119</a>	SiRF	SP#27 approved WID.		
##	1363	50558	LCS Enhancements related to Location-Based Services	LCS3-LBS	2	Rel-7	GP	03/01/2005	31/08/2007	100%	<a href="#">GP-050265</a>	SiRF	-		
##	1364	14025	CT4 aspects for LCS UEPoS-LBS	LCS3-UEPos-LBS	2	Rel-7	C4	02/01/2006	01/12/2006	100%	<a href="#">CP-050240</a>	SiRF	-		
##	1365	20042	<b>UE positioning - Velocity</b>	LCS3-UEPos-Velocity	2	Rel-7	R2	15/03/2005	15/09/2006	100%	<a href="#">RP-050300</a>	SiRF	Completed Sept 2006; SR in RP-0604		
##	1366	20012	<b>Inclusion of Uplink TDOA UE positioning method in the</b>	LCS3-UEPos-UTDOA	2	Rel-7	R2	15/09/2004	17/12/2007	100%	<a href="#">RP-040387</a>	TruePosition	Completed Nov 2007; SR in RP-0707		
##	1367	31052	<b>LCS for 3GPP Interworking WLAN</b>	<b>LCS3-IWLAN</b>	<b>2</b>	<b>Rel-7</b>	<b>S1</b>	<b>28/06/2004</b>	<b>02/03/2007</b>	<b>100%</b>	<a href="#">SP-060291</a>	<b>Telcordia</b>	-		
##	1368	32077	FS on 3GPP system to WLAN Interworking with LCS	LCS3-IWLAN-FSs1	3	Rel-7	S1	28/06/2004	30/06/2006	100%	<a href="#">SP-060291</a>	Telcordia	-		
##	####	32108	<i>Deleted - Study of work on an LCS architecture for I-WLAN.</i>	<i>LCS3-IWLAN-FSs2</i>	3	<i>Rel-7</i>	S2	<i>26/06/2006</i>	<i>02/03/2007</i>	<i>100%</i>	<a href="#">SP-060291</a>	<i>LG Electronic</i>	<i>Updated WID at SP#32 to change "st</i>		
##	1370	340007	Stage 2 for LCS architecture for I-WLAN	LCS3-IWLAN	3	Rel-7	S2	23/10/2006	02/03/2007	100%	<a href="#">SP-060818</a>	LG Electronic	WID at SP#55		
##	####	20030	<i>Deleted - UE positioning Rel-7</i>	<i>LCS3-UEpos</i>	2	<i>Rel-7</i>	RP	<i>15/09/2004</i>	<i>17/12/2007</i>	<i>100%</i>	-	-	-		
##	####	20054	<i>Deleted - RAN2 aspects for LBS</i>	<i>LCS3-UEPos-LBS</i>	2	<i>Rel-7</i>	R2	<i>15/06/2005</i>	<i>15/06/2005</i>	<i>100%</i>	-	SiRF	-		
##	1373	31084	<b>MBMS Enhancements</b>	<b>MBMSE</b>	<b>1</b>	<b>Rel-7</b>	<b>S1,R1,C3</b>	<b>11/07/2005</b>	<b>30/11/2007</b>	<b>100%</b>	<a href="#">SP-050389</a>	<b>China Mobile</b>	-		
##	1374	340041	<b>Stage 1 of MBMSE</b>	MBMSE	2	Rel-7	S1	11/07/2005	08/12/2005	100%	<a href="#">SP-050389</a>	China Mobile	Structure created by MCC to include		
##	1375	340042	<b>MBMS FDD Physical layer Enhancements</b>	MBMSE-RANPhysFC	2	Rel-7	R1	15/12/2006	04/06/2007	100%	<a href="#">RP-070226</a>	Ericsson	Completed May 2007; SR in RP-0702		
##	1376	340043	<b>MBMS TDD Physical layer Enhancements</b>	MBMSE-RANPhysTC	2	Rel-7	R1	15/12/2006	04/06/2007	100%	<a href="#">RP-070241</a>	IPWireless	Completed May 2007; SR in RP-0702		



ID	ID	Unique_IC	Name	Acronym	utili leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														May	Qtr 3, 2011 Jul
##	1377	350022	<b>MBMS Low Chip Rate TDD Physical Layer Enhancem</b>	MBMSE-RANPhysLC	2	Rel-7	R1	16/03/2007	10/09/2007	100%	<a href="#">RP-070253</a>	RITT	Completed May 2007; SR in RP-0702		
##	1378	340046	<b>MBMS Mz interface</b>	MBMSMz	2	Rel-7	C3	04/12/2006	30/11/2007	100%	<a href="#">CP-070109</a>	Huawei	-		
##	1379	400058	<b>MBMS - UE Conformance Testing</b>	MBMSE_UEConTest	1	Rel-7	R5	01/06/2007	04/12/2009	100%	<a href="#">not applicable</a>	-	Linked to Rel-7 Feature UID_31084		
##	1380	25049	<b>Conformance Test Aspects – MBMS TDD Physical layer</b>	MBMSE-RANPhysTC	2	Rel-7	R5	01/06/2007	12/09/2008	100%	<a href="#">RP-080155</a>	IPWireless	RP#41 completed		
##	1381	400059	<b>Conformance Test Aspects – MBMS LCR TDD Physical</b>	MBMSE-RANPhysLC	2	Rel-7	R5	30/05/2008	18/09/2009	100%	<a href="#">RP-080318</a>	CATT	RP#45 completed		
##	1382	400060	<b>Conformance Test Aspects – MBSFN for FDD</b>	MBMSE-UEConTest	2	Rel-7	R5	30/05/2008	04/12/2009	100%	<a href="#">RP-080336</a>	Huawei	RP#46 completed		
##	1383	34038	<b>MBMS User Service Extensions</b>	MBMSUSE	1	Rel-7	S4	07/12/2005	07/06/2007	100%	<a href="#">SP-050838</a>	Ericsson	-		
##	1384	31051	<b>Advanced Global Navigation Satellite System (A-GNSS)</b>	LCS3-AGNSS	1	Rel-7	S1,GP,R2	28/06/2004	31/08/2007	100%	<a href="#">SP-040681</a>	Alcatel	-		
##	1385	50548	<b>Towards A-GNSS Concept</b>	AGNSS-GP	2	Rel-7	GP	28/06/2004	31/08/2007	100%	<a href="#">GP-042677</a>	Alcatel	GP#36 completed		
##	1386	20050	<b>Global Navigation Satellite System (GNSS) in UTRAN</b>	LCS3-GNSS-UTRAN	2	Rel-7	R2	15/12/2005	04/06/2007	100%	<a href="#">RP-060211</a>	France Telecom	Completed Sept 2006; SR in RP-0704		
##	#####	50551	<i>Deleted - Towards A-GNSS Concept</i>	GNSS	2	Rel-7	S1	16/02/2007	16/02/2007	100%	<a href="#">GP-042677</a>	Alcatel	-		
##	1388	50581	<b>A-GPS Minimum Performance</b>	GAGR	1	Rel-7	GP	28/04/2006	31/08/2007	100%	<a href="#">GP-060834</a>	Spirent	-		
##	1389	31048	<b>USSD message delivery and transfer to USIM</b>	USSD-USIM	1	Rel-7	S1,C6	05/03/2004	12/08/2005	100%	<a href="#">SP-040104</a>	Axalto	-		
##	1390	31060	<b>Stage 1</b>	USSD-USIM	2	Rel-7	S1	18/03/2004	15/10/2004	100%	<a href="#">SP-040104</a>	Axalto	-		
##	1391	43008	<b>Alignment with requirements regarding USSD usage</b>	USSD-USIM	2	Rel-7	C6	05/03/2004	12/08/2005	100%	<a href="#">TP-040069</a>	Axalto	-		
##	1392	31063	<b>Combinational Services</b>	CSICS	1	Rel-7	S1,S2,C1,S	17/01/2005	06/03/2006	100%	<a href="#">SP-050228</a>	TeliaSonera	-		
##	1393	31064	Stage 1 for CSICS	CSICS	2	Rel-7	S1	17/01/2005	09/06/2005	100%	<a href="#">SP-050228</a>	TeliaSonera	-		
##	1394	32084	Stage 2 for CSICS	CSICS	2	Rel-7	S2	17/01/2005	15/07/2005	100%	<a href="#">SP-050228</a>	TeliaSonera	-		
##	1395	11054	Stage 3 for CSICS CN aspects	CSICS	2	Rel-7	C1	02/05/2005	06/03/2006	100%	<a href="#">CP-060105</a>	Vodafone	-		
##	1396	34031	Stage 3 for codec aspects	CSICS-Codec	2	Rel-7	S4	15/03/2005	07/12/2005	100%	<a href="#">SP-050091</a>	Ericsson	-		
##	1397	31065	<b>CAMEL Trunk Triggers</b>	TTCAMEL	1	Rel-7	S1,C4	17/12/2004	05/12/2005	100%	<a href="#">SP-040743</a>	Nortel	-		
##	1398	31066	Stage 1 for CAMEL Trunk Triggers	TTCAMEL	2	Rel-7	S1	17/12/2004	05/12/2005	100%	<a href="#">SP-040743</a>	Nortel	-		
##	1399	14017	CAMEL Trunk Originated Trigger Detection Points	CamelIR7	2	Rel-7	C4	17/12/2004	05/12/2005	100%	<a href="#">NP-040550</a>	Nortel	-		
##	1400	31088	<b>IMS Service Brokering enhancements</b>	ISB	1	Rel-7	S1	07/12/2005	13/03/2006	100%	<a href="#">SP-050830</a>	Telcordia	No CR submitted in rel-8 (according to		
##	1401	320027	<b>Stage 1 for ISB</b>	ISB-s1	2	Rel-7	S1	07/12/2005	13/03/2006	100%	<a href="#">SP-050830</a>	Telcordia	No Rel-8 changes		
##	1402	11045	<b>Enhancements of VGCS for public authority officials</b>	EVGCS	1	Rel-7	S1,C1,C4,S	27/08/2004	15/06/2007	100%	<a href="#">SP-040304</a>	-	Moved from Rel-6 UID_50563 Enh		
##	1403	31061	<b>Stage 1</b>	EVGCS	2	Rel-7	S1	27/08/2004	27/08/2004	100%	<a href="#">SP-040304</a>	Siemens	Voice Group Call Service		
##	1404	11056	<b>Architecture and protocol aspects</b>	EVGCS	2	Rel-7	C1,C4	27/08/2004	15/06/2007	100%	<a href="#">CP-050528</a>	Siemens	-		
##	1405	11062	CT1 aspects of EVGCS	EVGCS	3	Rel-7	C1	27/08/2004	15/06/2007	100%	<a href="#">CP-050528</a>	Siemens	-		
##	1406	14022	CT4 aspects of EVGCS	EVGCS	3	Rel-7	C4	27/08/2004	10/03/2006	100%	<a href="#">CP-050528</a>	Siemens	-		
##	1407	752076	<b>GERAN2 aspects</b>	EVGCS	2	Rel-7	G2	27/08/2004	16/02/2007	100%	<a href="#">GP-071855</a>	Siemens	-		
##	1408	11055	<b>Improvements of VGCS for parallel use of services</b>	IVGCS	1	Rel-7	S1	15/03/2005	15/03/2007	100%	<a href="#">SP-070167</a>	-	Voice Group Call Service		
##	1409	31070	Service Requirements for VGCS improvements	IVGCS	2	Rel-7	S1	15/03/2005	08/06/2005	100%	<a href="#">SP-070167</a>	T-Mobile	-		
##	1410	32090	Stage 2 modifications for VGCS improvements	IVGCS	2	Rel-7	C1	01/12/2005	14/03/2007	100%	<a href="#">NP-050141</a>	T-Mobile	-		
##	1411	11057	<b>Protocol aspects</b>	IVGCS	2	Rel-7	C1	01/12/2005	15/03/2007	100%	<a href="#">NP-050141</a>	T-Mobile	Previous name (before CT32) was .		
##	1412	11063	CT1 aspects of IVGCS	IVGCS	3	Rel-7	C1	01/12/2005	15/03/2007	100%	<a href="#">CP-070118</a>	T-Mobile	-		
##	#####	14023	<i>Deleted - CT4 aspects of IVGCS</i>	IVGCS-SI3-c4	3	Rel-7	C4	09/03/2007	09/03/2007	100%	<a href="#">NP-050141</a>	T-mobile	CT4#33 stage 2 solution is still open.		
##	1414	31071	<b>OSA Rel-7</b>	OSA7	1	Rel-7	S1,C5	15/03/2005	08/06/2007	100%	<a href="#">SP-050183</a>	AePONA	-		
##	1415	31072	Service Requirements for OSA Service Broker	OSA7-SB	2	Rel-7	S1	15/03/2005	08/06/2005	100%	<a href="#">SP-050183</a>	AePONA	az: WID URL corrected		
##	1416	43011	Stage 2 OSA API Service Brokering	OSA7-SB	2	Rel-7	C5	28/04/2006	01/12/2006	100%	<a href="#">CP-060607</a>	AePONA	-		
##	1417	7017	Stage 3 OSA API Service Brokering	OSA7-SB	2	Rel-7	C5	28/04/2006	01/12/2006	100%	-	AePONA	-		
##	1418	15039	<b>OSA Stage 2/3 enhancements</b>	OSA7	2	Rel-7	C5	28/04/2006	08/06/2007	100%	<a href="#">CP-070200</a>	AePONA	CP#34: WID updated. Completion 1		
##	1419	7018	Parlay X Message Broadcast Web Service	OSA7	3	Rel-7	C5	28/04/2006	01/12/2006	100%	-	ETRI	-		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	1420	7019	Parlay X Geocoding Web Service	OSA7	3	Rel-7	C5	28/04/2006	01/12/2006	100%	-	ETRI	-		
##	1421	7020	Parlay X Application driven QoS Web Service	OSA7	3	Rel-7	C5	28/04/2006	09/03/2007	100%	-	BT	-		
##	1422	340001	Parlay-X Device Capabilities and Configuration	OSA7	3	Rel-7	C5	26/10/2006	08/06/2007	100%	-	Telenor	-		
##	1423	340002	Parlay-X Multimedia Streaming Session Management Web Service	OSA7	3	Rel-7	C5	26/10/2006	09/03/2007	100%	-	Telenor	-		
##	1424	340003	Parlay-X Multimedia Multicast Control Web Service	OSA7	3	Rel-7	C5	26/10/2006	09/03/2007	100%	-	ETRI	-		
##	1425	340004	OSA API Conference Call Control SCF	OSA7	3	Rel-7	C5	26/10/2006	09/03/2007	100%	-	Ericsson	-		
##	1426	31053	<b>Selective Disabling of UE Capabilities</b>	<b>SDoUE</b>	<b>1</b>	<b>Rel-7</b>	<b>S1,S2,C1</b>	<b>24/01/2005</b>	<b>15/06/2007</b>	<b>100%</b>	<a href="#">SP-050182</a>	<b>Motorola</b>	<b>Moved from FS section Feb 06</b>		
##	1427	32088	Stage 1 of SDoUE	SDoUE-CR	2	Rel-7	S1	24/01/2005	08/12/2006	100%	<a href="#">SP-050182</a>	Motorola	Moved from FS section Feb 06		
##	####	32089	<i>Deleted - TR on different possible architectures</i>	<i>SDoUE-FS</i>	2	<i>Rel-7</i>	<i>S2</i>	<i>21/03/2005</i>	<i>16/12/2005</i>	100%	<a href="#">SP-050182</a>	<i>Vodafone</i>	<i>Moved from FS section Feb 06. Aban</i>		
##	1429	7036	Stage 3 of SDoUE	SDoUE	2	Rel-7	C1	10/03/2006	15/06/2007	100%	<a href="#">CP-070121</a>	Ericsson	-		
##	1430	7041	<b>Network selection enhancements (NSP)</b>	<b>NSP-CR</b>	<b>1</b>	<b>Rel-7</b>	<b>S1</b>	<b>15/03/2006</b>	<b>15/06/2007</b>	<b>100%</b>	<a href="#">SP-060220</a>	<b>O2</b>	-		
##	1431	320012	Stage 1 of NSP	NSP-TS	2	Rel-7	S1	15/03/2006	06/12/2006	100%	<a href="#">SP-060220</a>	O2	-		
##	1432	320013	Procedural aspects of NSP	NSP-CR	2	Rel-7	C1	02/06/2006	15/06/2007	100%	<a href="#">CP-060357</a>	Motorola	-		
##	1433	25048	<b>Network selection enhancements (NSP) - UE Confor</b>	<b>NSP-CR_UEConTest</b>	<b>1</b>	<b>Rel-7</b>	<b>R5</b>	<b>01/06/2007</b>	<b>05/12/2008</b>	100%	<a href="#">RP-080135</a>	Nokia	RP#42 completed. Testing for Featur		
##	1434	32064	<b>Access Class Barring and Overload Protection</b>	<b>ACBOP</b>	<b>1</b>	<b>Rel-7</b>	<b>S2,C1</b>	<b>15/03/2004</b>	<b>08/09/2006</b>	<b>100%</b>	<a href="#">SP-040338</a>	<b>Vodafone</b>	-		
##	1435	32065	TR on Stage 2	ACBOP	2	Rel-7	S2	15/03/2004	31/03/2005	100%	<a href="#">SP-040338</a>	<b>NTT DoCoMo</b>	-		
##	1436	11048	Stage 3 CN aspects of ACBOP	ACBOP	2	Rel-7	C1	06/06/2005	31/01/2006	100%	-	-	-		
##	####	20010	<i>Deleted - Potential impact on lu interface Overload functionality</i>	<i>ACBOP</i>	2	<i>Rel-7</i>	<i>RP</i>	<i>15/03/2004</i>	<i>15/03/2004</i>	100%	-	-	-		
##	####	20009	<i>Deleted - Extra ACBOP information in RAN</i>	<i>ACBOP</i>	2	<i>Rel-7</i>	<i>RP</i>	<i>15/03/2004</i>	<i>15/03/2004</i>	100%	-	-	-		
##	####	50117	<i>Deleted - Extra ACBOP information in GERAN</i>	<i>ACBOP</i>	2	<i>Rel-7</i>	<i>GP</i>	<i>08/09/2006</i>	<i>08/09/2006</i>	100%	-	-	-		
##	1440	32074	<b>System enhancements for fixed broadband access t</b>	<b>FBI</b>	<b>1</b>	<b>Rel-7</b>	<b>S2,S3,S5,C1</b>	<b>05/11/2003</b>	<b>14/03/2007</b>	<b>100%</b>	<a href="#">SP-060145</a>	-	-		
##	1441	7001	<b>TISPAN Rel 1 related aspects</b>	<b>FBI-TIS1</b>	<b>2</b>	<b>Rel-7</b>	<b>S2</b>	<b>05/11/2003</b>	<b>09/03/2007</b>	<b>100%</b>	-	-	-		
##	1442	32075	Stage 2 of FBI for TISPAN R1	FBI-TIS1	3	Rel-7	S2	14/10/2004	08/03/2006	100%	-	-	-		
##	1443	11050	<b>Protocol impact of FBI for TISPAN R1</b>	<b>FBI-TIS1</b>	<b>3</b>	<b>Rel-7</b>	<b>C1</b>	<b>05/11/2003</b>	<b>09/03/2007</b>	<b>100%</b>	<a href="#">NP-040618</a>	<b>Siemens</b>	-		
##	1444	11060	CT1 aspects of FBI for TISPAN R1	FBI-TIS1	4	Rel-7	C1	05/11/2003	30/11/2006	100%	<a href="#">NP-040618</a>	Siemens	end date updated by CT1-chairman a		
##	1445	13025	CT3 aspects of FBI for TISPAN R1	FBI-TIS1	4	Rel-7	C3	05/11/2003	08/12/2006	100%	<a href="#">NP-040618</a>	Siemens	-		
##	1446	14020	CT4 aspects of FBI for TISPAN R1	FBI-TIS1-st3-c4	4	Rel-7	C4	13/01/2006	09/03/2007	100%	<a href="#">NP-040618</a>	Siemens	CT4#32: a set of CRs on FBI for cabl		
##	1447	33027	Security Enhancements for FBI	FBI-ISE	3	Rel-7	S3	28/06/2005	08/12/2005	100%	<a href="#">SP-050395</a>	Ericsson	Duplicated entry ("ACCSEC2", "Acce		
##	1448	7002	<b>PacketCable Related aspects</b>	<b>FBI-PCBL</b>	<b>2</b>	<b>Rel-7</b>	<b>S2,S5,C1</b>	<b>01/02/2006</b>	<b>14/03/2007</b>	<b>100%</b>	<a href="#">SP-060145</a>	<b>CableLabs</b>	-		
##	1449	7003	Stage 1,2 of FBI for PacketCable	FBI-PCBL	3	Rel-7	S2	01/02/2006	15/12/2006	100%	<a href="#">SP-060145</a>	CableLabs	-		
##	1450	7004	Protocol impact of FBI for PacketCable	FBI-PCBL	3	Rel-7	C1	01/05/2006	14/03/2007	100%	-	-	-		
##	1451	7032	SA5 Charging aspects of FBI for PacketCable	FBI-PCBL-CH	3	Rel-7	S5	31/03/2006	07/12/2006	100%	<a href="#">SP-060145</a>	CableLabs	03/2006 SP#31 WID approved		
##	1452	32081	<b>Support of SMS over generic 3GPP IP access</b>	<b>SMSIP</b>	<b>1</b>	<b>Rel-7</b>	<b>S2,C4,C1</b>	<b>14/10/2004</b>	<b>14/06/2007</b>	<b>100%</b>	<a href="#">SP-060658</a>	<b>Huawei</b>	<b>SP#33 updated WID (removed MMS</b>		
##	1453	32094	FS on SMSIP	SMSIP	2	Rel-7	S2	14/10/2004	13/06/2005	100%	<a href="#">SP-060658</a>	Huawei	SP#33 updated WID		
##	1454	32095	Stage 2 for SMSIP	SMSIP	2	Rel-7	S2	08/06/2005	15/09/2006	100%	<a href="#">SP-060658</a>	Huawei	SP#33 updated WID		
##	1455	310001	<b>Stage 3 for SMSIP</b>	<b>SMSIP-St3</b>	<b>2</b>	<b>Rel-7</b>	<b>C4,C1</b>	<b>08/06/2005</b>	<b>14/06/2007</b>	<b>100%</b>	<a href="#">CP-060697</a>	<b>Nokia</b>	<b>CP#34 updated WID</b>		
##	1456	310002	CT1 aspects for SMSIP	SMSIP	3	Rel-7	C1	08/06/2005	14/06/2007	100%	<a href="#">CP-060697</a>	Nokia	CP#34 updated WID		
##	1457	310003	CT4 aspects for SMSIP	SMSIP-St3-c4	3	Rel-7	C4	08/06/2005	01/06/2007	100%	<a href="#">CP-060697</a>	Nokia	CP#34 updated WID		
##	1458	32082	<b>Evolution of Policy Control and Charging</b>	<b>PCC</b>	<b>1</b>	<b>Rel-7</b>	<b>S2,S5,C3,C1</b>	<b>14/10/2004</b>	<b>30/11/2007</b>	<b>100%</b>	<a href="#">SP-060217</a>	<b>Nokia</b>	<b>SP-29 approved WID. SP-31 update</b>		
##	####	32102	<i>Deleted - TR for PCC</i>	<i>PCC</i>	2	<i>Rel-7</i>	<i>S2</i>	<i>14/10/2004</i>	<i>29/12/2005</i>	100%	<a href="#">SP-060217</a>	<i>Nokia</i>	<i>SP-30: S2 has no intention for TR coi</i>		
##	1460	32103	Stage 2 for PCC	PCC	2	Rel-7	S2	04/07/2005	15/09/2006	100%	<a href="#">SP-060217</a>	Nokia	SP-29 approved WID. SP-31 updatec		
##	1461	32109	Evolution of policy control and flow based bearer level charging	PCC	2	Rel-7	S2	01/08/2006	29/12/2006	100%	<a href="#">SP-060217</a>	Nokia	SP-29 approved WID. SP-31 updatec		
##	1462	7033	SA5 Charging aspects of PCC	PCC-CH	2	Rel-7	S5	31/03/2006	15/06/2007	100%	<a href="#">SP-060217</a>	Orange	SP-31 updated WID with SA5 chargin		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	1463	13029	Gx reference point for Policy and Charging Control	PCC-Gx	2	Rel-7	C3	02/12/2005	30/11/2007	100%	<a href="#">CP-060434</a>	Siemens	-		
##	1464	13030	Rx reference point for PCC CT3 aspects	PCC-Rx	2	Rel-7	C3,C1	02/12/2005	30/11/2007	100%	<a href="#">CP-060435</a>	Ericsson	WID approved at CP#30, Revised at		
##	1465	310006	PCC-Rx CT3 aspects	PCC-Rx-c3	3	Rel-7	C3	02/12/2005	30/11/2007	100%	<a href="#">CP-060435</a>	Ericsson	-		
##	1466	7008	PCC-Rx CT1 aspects	PCC-Rx-Gx-c1	3	Rel-7	C1	02/12/2005	15/06/2007	100%	<a href="#">CP-060435</a>	Ericsson	-		
##	1467	32091	Voice call continuity between CS and IMS (incl. I-WL	VCC	1	Rel-7	S2,S1,S5,C	31/12/2004	15/06/2007	100%	<a href="#">SP-060292</a>	Alcatel-Lucent	WID approved SP#27; updated SP#		
##	1468	32104	TR for VCC	VCC	2	Rel-7	S2	31/12/2004	08/12/2005	100%	<a href="#">SP-060292</a>	Alcatel-Lucent	-		
##	1469	31085	Stage 1 for VCC	VCC	2	Rel-7	S1	17/03/2005	28/09/2005	100%	<a href="#">SP-060292</a>	Alcatel-Lucent	-		
##	1470	32105	Stage 2 for VCC	VCC	2	Rel-7	S2	06/09/2005	08/09/2006	100%	<a href="#">SP-060292</a>	Alcatel-Lucent	-		
##	1471	35079	SA5 Charging aspects of VCC	VCC-CH	2	Rel-7	S5	17/03/2006	14/06/2007	100%	<a href="#">SP-060292</a>	Orange	03/2006 SP#31 WID approved		
##	1472	11058	Stage 3 for VCC	VCC	2	Rel-7	C1,C4	01/02/2006	15/06/2007	100%	<a href="#">CP-070186</a>	Alcatel-Lucent	-		
##	1473	11066	CT1 aspects of VCC	VCC	3	Rel-7	C1	01/02/2006	15/06/2007	100%	<a href="#">CP-070186</a>	Alcatel-Lucent	-		
##	1474	14027	CT4 aspects of VCC	VCC-Si3-c4	3	Rel-7	C4	09/06/2006	09/03/2007	100%	<a href="#">CP-070186</a>	Alcatel-Lucent	-		
##	#####	13032	Deleted - CT3 aspects of VCC	VCC	3	Rel-7	C3	02/11/2006	02/11/2006	100%	<a href="#">CP-070186</a>	Alcatel-Lucent	-		
##	1476	7046	One Tunnel solution for optimization of Packet Data	OPTUNEL	1	Rel-7	S2	27/03/2006	31/10/2007	100%	<a href="#">SP-060819</a>	Nokia	-		
##	#####	320002	Deleted - Study on Stage 2 for One Tunnel solution	OPTUNEL-Study	2	Rel-7	S2	27/03/2006	15/09/2006	100%	<a href="#">SP-060819</a>	Nokia	TR for Info SP-33. SP-34: S2 Report		
##	1478	340013	One Tunnel Deployment Guideline	OPTUNEL-Guide	2	Rel-7	S2	23/10/2006	31/10/2007	100%	<a href="#">SP-060819</a>	Huawei	-		
##	1479	320003	Stage 2 specification for One Tunnel solution	OPTUNEL-Stage2	2	Rel-7	S2	11/09/2006	15/12/2006	100%	<a href="#">SP-060819</a>	Nokia	-		
##	1480	320029	CSI Terminating Session handling	CSIStermS	1	Rel-7	S2,C1	08/06/2006	15/06/2007	100%	<a href="#">SP-060437</a>	Samsung	Triggered by the abandoned Study		
##	1481	340014	Stage 2 of CSIStermS	CSIStermS	2	Rel-7	S2	08/06/2006	02/03/2007	100%	<a href="#">SP-060437</a>	Samsung	-		
##	1482	340015	Stage 3 of CSIStermS	CSIStermS	2	Rel-7	C1	14/12/2006	15/06/2007	100%	<a href="#">CP-070239</a>	Samsung	CP-34 approved WID. CP-35 update		
##	#####	340011	Deleted - duplicated with UID 340015 -Stage 3 CSI Terminating Session	CSIStermS	2	Rel-7	C1	09/03/2007	09/03/2007	100%	<a href="#">CP-060647</a>	Samsung	CP-34 approved WID		
##	1484	33022	Liberty Alliance and 3GPP Security Interworking	LibSec	1	Rel-7	S3	10/03/2005	30/11/2006	100%	<a href="#">SP-050145</a>	Nokia	WID approved SP#27.		
##	1485	33023	Trust Requirements for Open Platforms in 3GPP	TrustOP	1	Rel-7	S3	03/01/2005	30/11/2006	100%	<a href="#">SP-040863</a>	Nokia	WID approved SP#26.		
##	1486	33024	Development of UEA2 and UIA2	AlgUEA2	1	Rel-7	S3	01/12/2004	09/12/2005	100%	<a href="#">SP-040864</a>	TeliaSonera	WID approved SP#26, Dependant on		
##	1487	33026	Lawful Interception in the 3GPP Rel-7 architecture	LI-7A	1	Rel-7	S3	28/06/2005	08/12/2005	100%	<a href="#">SP-050237</a>	BMWl	-		
##	1488	33028	Key establishment between a UICC and a terminal	KeyEstUTerm	1	Rel-7	S3	07/12/2005	28/09/2006	100%	<a href="#">SP-050780</a>	Gemalto	-		
##	1489	330008	NDS Authentication Framework Extension for Trans	NDSaFTLS	1	Rel-7	S3	28/09/2006	06/12/2006	100%	<a href="#">SP-060507</a>	Nokia	TLS profile is moved to Rel-8		
##	1490	732030	Security enhancements	SEC7	1	Rel-7	S3,C1,C4	12/09/2005	30/11/2006	100%	-	-	-		
##	1491	732031	HTTPS connection between a UICC and a NAF	SEC7-HSUN	2	Rel-7	S3,C1	12/09/2005	12/09/2005	100%	<a href="#">SP-050573</a>	Gemalto	-		
##	1492	732032	2G GBA: 2G SIM usage in 3GPP GAA framework	SEC7-2GGBA	2	Rel-7	S3	12/09/2005	05/12/2005	100%	<a href="#">SP-050576</a>	Nokia	-		
##	1493	732033	Generic Authentication Architecture usage extensions and optimizations	SEC7-GAA2	2	Rel-7	S3	12/09/2005	30/11/2006	100%	<a href="#">SP-060429</a>	Nokia	33.223 goes to R8		
##	1494	32034	SS7 TCAP security Gateway	SEC7-NDS-TCAPsec	2	Rel-7	S3,C4	12/09/2005	14/08/2006	100%	<a href="#">SP-050579</a>	Siemens	-		
##	1495	310004	SA3 aspects of SEC7-NDS-TCAPsec	SEC7-NDS-TCAPsec	3	Rel-7	S3	12/09/2005	10/03/2006	100%	<a href="#">SP-050579</a>	Siemens	-		
##	1496	310005	TCAPsec Gateway	SEC7-TCAP	3	Rel-7	C4	03/04/2006	14/08/2006	100%	<a href="#">CP-060170</a>	Siemens	-		
##	1497	711052	IMS Stage 3 IETF Protocol alignment	IMSProtoc	1	Rel-7	C1	10/12/2004	14/03/2007	100%	<a href="#">CP-060101</a>	-	TR 24.930: Signalling flows for the se		
##	1498	7043	Interoperability between VGCS/VBS and A/Gb flexibi	VGCSFlex	1	Rel-7	C1,C4	22/03/2006	09/03/2007	100%	<a href="#">CP-060102</a>	Siemens	Voice Group Call Service		
##	1499	7044	CT1 aspects of VGCSFlex	VGCSFlex	2	Rel-7	C1	22/03/2006	30/10/2006	100%	<a href="#">CP-060102</a>	Siemens	-		
##	1500	7045	CT4 aspects of VGCSFlex	VGCSFlex-c4	2	Rel-7	C4	22/03/2006	09/03/2007	100%	<a href="#">CP-060102</a>	Siemens	-		
##	1501	13023	DIAMETER on the GGSN Gi interface	DIAMGi	1	Rel-7	C3	10/09/2004	08/12/2006	100%	<a href="#">CP-060431</a>	Vodafone	-		
##	1502	13022	DIAMETER on the PDG Wi interface	DIAMWi	1	Rel-7	C3	10/09/2004	08/12/2006	100%	<a href="#">CP-060432</a>	Vodafone	-		
##	1503	13033	Interworking between the 3GPP CS domain with BIC	ExtSIPi	1	Rel-7	C3	22/09/2006	22/07/2008	100%	<a href="#">CP-070101</a>	Siemens	-		
##	1504	340047	PDU multiplexing at Nb Interface with IP transport	NbIPMux	1	Rel-7	C3	04/12/2006	22/07/2008	100%	<a href="#">CP-070105</a>	Alcatel-Lucent	-		
##	1505	14012	Mp (MRFC - MRFP) interface	Mp	1	Rel-7	C4,C1	13/02/2006	08/06/2007	100%	<a href="#">CP-070246</a>	Ericsson	-		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	1506	11061	CT1 aspects of Mp	Mp	2	Rel-7	C1	13/02/2006	13/02/2006	100%	<a href="#">CP-070246</a>	Ericsson	-		
##	####	13026	<i>Deleted - CT3 aspects of Mp</i>	Mp	2	Rel-7	C3	22/09/2006	22/09/2006	100%	-	Ericsson	CP#34: CT3 not involved in Mp interf		
##	1508	320009	Procedures description	Mp-PROCc4	2	Rel-7	C4	02/06/2006	09/03/2007	100%	<a href="#">CP-070246</a>	Huawei	-		
##	1509	14021	Stage 3	Mp-St3c4	2	Rel-7	C4	13/02/2006	08/06/2007	100%	<a href="#">CP-070246</a>	Ericsson	-		
##	1510	340016	<b>Routing of MT-SMS via the HPLMN</b>	SMSviaH	1	Rel-7	C4,C1	01/12/2006	09/03/2007	100%	<a href="#">CP-070032</a>	Vodafone	WID approved in CP#34		
##	1511	350003	<b>Mobile Termination whilst the MS is moving to another</b>	MTmovMS	1	Rel-7	C4	09/03/2007	31/05/2007	100%	<a href="#">CP-070334</a>	Alcatel-Lucen	-		
##	1512	743009	<b>ISIM API for Java Card</b>	APIJAVA	1	Rel-7	C6	14/03/2005	27/07/2007	100%	<a href="#">CP-050145</a>	Sun	-		
##	1513	440042	<b>Rel-7 (U)SIM API Testing (TS 31.213)</b>	USIM_API_test	1	Rel-7	C6	30/05/2009	19/03/2010	100%	<a href="#">CP-090450</a>	Sagem Orga	CP#47 completed. Update of Rel-6 (L		
##	1514	330001	<b>High speed interface between the UICC and the ME</b>	HSI	1	Rel-7	C6	22/09/2006	30/11/2007	100%	<a href="#">CP-070259</a>	Gemalto	Following ETSI publication of TS 102		
##	1515	34030	<b>Video Codec Performance Requirements</b>	VICPer	1	Rel-7	S4	03/01/2005	07/06/2007	100%	<a href="#">SP-040836</a>	Siemens	-		
##	1516	34032	<b>Dynamic and Interactive Multimedia Scenes</b>	DIMS	1	Rel-7	S4	15/03/2005	07/06/2007	100%	<a href="#">SP-050195</a>	Stremeezzo	-		
##	1517	34034	<b>3G-324M Video Telephony Call Setup Times Improvement</b>	VTCSTI	1	Rel-7	S4	08/06/2005	27/09/2006	100%	<a href="#">SP-050404</a>	Vodafone	-		
##	1518	34035	<b>Optimizations for Multimedia Telephony over IMS</b>	OMTIMS	1	Rel-7	S4	28/09/2005	28/09/2005	100%	<a href="#">SP-060226</a>	Ericsson	-		
##	####	34037	<i>Deleted - Characterisation of Adaptive Jitter Management Performance for</i>	OMTIMS-CAJMP	2	Rel-7	S4	28/09/2005	28/09/2005	100%	<a href="#">SP-050432</a>	Lucent	SP-35 stopped		
##	1520	34036	<b>End-to-End Multimedia Services Performance Metrics</b>	E2EMSPM	1	Rel-7	S4	28/09/2005	15/03/2007	100%	<a href="#">SP-050433</a>	China Mobile	-		
##	1521	34039	<b>Packet Switched Streaming Enhancements</b>	PSSe	1	Rel-7	S4	08/06/2006	07/06/2007	100%	<a href="#">SP-060361</a>	Ericsson	-		
##	1522	35041	<b>Rel-7 Operations, Administration, Maintenance and Interf</b>	OAM7	1	Rel-7	S5	02/09/2005	26/06/2007	100%	<a href="#">TR 30.817</a>	Huawei	-		
##	1523	35042	<b>Network Infrastructure Management</b>	OAM7-NIM	2	Rel-7	S5	02/09/2005	14/06/2007	100%	-	-	-		
##	1524	35044	Enhance NRM to accommodate NGN (IMS as basis of the Next Generation	OAM7-NIM	3	Rel-7	S5	02/09/2005	14/06/2007	100%	<a href="#">SP-050302</a>	Motorola	-		
##	1525	35046	Co-operative Element Management interface (CO-OP) (Study + Imp	OAM7-NIM	3	Rel-7	S5	02/09/2005	15/03/2007	100%	<a href="#">SP-050304</a>	Motorola	-		
##	1526	35047	Network Management (NM) Itf-N performance criteria	OAM7-NIM	3	Rel-7	S5	02/09/2005	14/06/2007	100%	<a href="#">SP-050305</a>	China Mobile	-		
##	1527	35048	Delta synchronization between IRP Manager and IRP Agent (Study	OAM7-NIM	3	Rel-7	S5	02/09/2005	14/06/2007	100%	<a href="#">SP-050306</a>	Siemens	-		
##	1528	35049	Subscription Management (SuM) IRP Solution Sets	OAM7-NIM	3	Rel-7	S5	02/09/2005	07/12/2006	100%	<a href="#">SP-060739</a>	Ericsson	-		
##	1529	35050	Integration Reference Point (IRP) Security Management	OAM7-NIM	3	Rel-7	S5	02/09/2005	15/03/2007	100%	<a href="#">SP-050308</a>	Huawei	-		
##	1530	35052	Partial suspension of Itf-N during maintenance/testing (Study + Impl	OAM7-NIM	3	Rel-7	S5	02/09/2005	14/06/2007	100%	<a href="#">SP-050310</a>	Siemens	-		
##	####	35054	<i>Deleted - Management of Legacy Equipment</i>	OAM7-NIM	3	Rel-7	S5	02/09/2005	15/12/2006	100%	<a href="#">SP-050312</a>	Siemens	Request to TSG#35 to STOP the WI		
##	####	35055	<i>Deleted - Rules for Vendor Specific Extensions</i>	OAM7-NIM	3	Rel-7	S5	02/09/2005	15/03/2007	100%	<a href="#">SP-050313</a>	Siemens	Request to TSG#35 to STOP the WI		
##	1533	35064	Backward and Forward Compatibility of IRP systems	OAM7-NIM	3	Rel-7	S5	02/09/2005	14/06/2007	100%	<a href="#">SP-050630</a>	Ericsson	-		
##	1534	35071	Repeater Network Resource Model (NRM) definition	OAM7-NIM	3	Rel-7	S5	13/02/2006	07/12/2006	100%	<a href="#">SP-050731</a>	China Mobile	-		
##	1535	35072	UTRAN radio channel power monitoring	OAM7-NIM	3	Rel-7	S5	13/02/2006	15/03/2007	100%	<a href="#">SP-050733</a>	China Mobile	-		
##	1536	340009	Notification XML Schema	OAM7-NIM	3	Rel-7	S5	07/12/2006	15/03/2007	100%	<a href="#">SP-060754</a>	Huawei	12/2006 SP#34 WID approved		
##	1537	35043	<b>Performance Management</b>	OAM7-PM	2	Rel-7	S5	02/09/2005	14/06/2007	100%	-	-	-		
##	1538	35057	Performance measurements definition for CN CS	OAM7-PM	3	Rel-7	S5	02/09/2005	15/03/2007	100%	<a href="#">SP-050315</a>	China Mobile	-		
##	1539	35058	Enhancement UTRAN performance measurements definition	OAM7-PM	3	Rel-7	S5	02/09/2005	14/06/2007	100%	<a href="#">SP-050316</a>	China Mobile	-		
##	1540	35059	Add TDD specific counters in Performance measurement	OAM7-PM	3	Rel-7	S5	02/09/2005	07/12/2006	100%	<a href="#">SP-050317</a>	CATT	-		
##	1541	35060	ATM bearer network Performance measurements	OAM7-PM	3	Rel-7	S5	02/09/2005	15/03/2007	100%	<a href="#">SP-050318</a>	ZTE	-		
##	1542	35069	Performance measurements definition for IMS	OAM7-PM	3	Rel-7	S5	02/09/2005	14/06/2007	100%	<a href="#">SP-050631</a>	China Mobile	-		
##	1543	35073	HSDPA performance measurements	OAM7-PM	3	Rel-7	S5	13/02/2006	14/06/2007	100%	<a href="#">SP-060379</a>	China Mobile	-		
##	1544	35039	<b>Trace Management</b>	OAM7-Trace	2	Rel-7	S5	02/09/2005	26/06/2007	100%	<a href="#">SP-050628</a>	Vodafone	-		
##	1545	35040	End-to-end Service Level tracing for IMS	OAM7-Trace	3	Rel-7	S5	11/11/2005	15/03/2007	100%	<a href="#">SP-050627</a>	Vodafone	07/2005: OMA (Stage 1), Stage 2/3 S		
##	1546	35062	Trace record content for UTRAN TDD	OAM7-Trace	3	Rel-7	S5	02/09/2005	07/12/2006	100%	<a href="#">SP-050628</a>	Nokia	-		
##	1547	35063	IRP for Subscriber and Equipment Trace Management	OAM7-Trace	3	Rel-7	S5	02/09/2005	14/06/2007	100%	<a href="#">SP-050629</a>	Nokia	-		
##	####	11046	<i>Deleted - SIP enhancements for trace</i>	OAM7-Trace	3	Rel-7	C1	15/06/2007	26/06/2007	100%	-	-	combined with UID 11067		



ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	####	35070	<i>Deleted - duplicated with UID 35063 - IRP for Subscriber and Equip</i>	OAM7-Trace	3	Rel-7	S5	02/09/2005	15/12/2006	100%	<a href="#">SP-050629</a>	Nokia	-		
##	1550	320007	<b>Rel-7 Charging Management small Enhancements</b>	CH7	1	Rel-7	S5	22/05/2006	14/06/2007	100%	-	Orange	-		
##	1551	320008	Alternate Charged Party (ACP) for IMS	CH7-IMS-ACP	2	Rel-7	S5	22/05/2006	14/06/2007	100%	<a href="#">SP-060442</a>	Lucent	-		
##	1552	330004	Align 3GPP Charging with OMA PoC Enabler Release 2.0	CH7-PoC	2	Rel-7	S5	28/09/2006	14/06/2007	100%	<a href="#">SP-060546</a>	Siemens	09/2006 SP#33 WID approved		
##	1553	2468	<b>Multiple-Input Multiple-Output (MIMO) antennas</b>	MIMO	1	Rel-7	R1,R5	14/03/2003	07/03/2008	100%	<a href="#">RP-030192</a>	Alcatel-Luce	Completed Sep 2007; SR in RP-070		
##	1554	21006	<b>MIMO - Physical layer</b>	MIMO-Phys	2	Rel-7	R1	12/09/2003	15/03/2007	100%	<a href="#">RP-030192</a>	Alcatel-Lucen	Completed Sep 2007; SR in RP-0700		
##	1555	22003	<b>MIMO - Layer 2,3 aspects</b>	MIMO-L23	2	Rel-7	R2	12/09/2003	15/03/2007	100%	<a href="#">RP-030192</a>	Alcatel-Lucen	Completed Sep 2007; SR in RP-0700		
##	1556	23008	<b>MIMO - lub/lur Protocol Aspects</b>	MIMO-lur lub	2	Rel-7	R3	14/03/2003	15/03/2007	100%	<a href="#">RP-030192</a>	Alcatel-Lucen	Completed Sep 2007; SR in RP-0700		
##	1557	24008	<b>MIMO - RF Radio Transmission/Reception, System Perf</b>	MIMO-RF	2	Rel-7	R4	12/12/2003	17/09/2007	100%	<a href="#">RP-030192</a>	Alcatel-Lucen	Completed Sep 2007; SR in RP-0705		
##	1558	25036	<b>UE Conformance Testing for Multiple Input Multiple Ou</b>	MIMO-UEConTest	2	Rel-7	R5	09/03/2007	07/03/2008	100%	<a href="#">5 Work Items</a>	Qualcomm	BB place holder for a number of R		
##	1559	25037	Conformance Test Aspects – Multiple Input Multiple Output Antenna	MIMO-UEConTest_F	3	Rel-7	R5	09/03/2007	07/03/2008	100%	<a href="#">5 Work Items</a>	Qualcomm	-		
##	1560	20028	<b>Rel-7 Improvements of the Radio Interface</b>	RInImp	1	Rel-7	RP	15/09/2004	04/06/2007	100%	-	-	Generic feature		
##	1561	20060	<b>Extended UMTS 1.7/2.1 GHz</b>	RInImp-UMTS1721E	2	Rel-7	R4	15/03/2006	15/12/2006	100%	<a href="#">RP-060180</a>	Ericsson	RP#34 completed. Introduction of Bar		
##	1562	20067	<b>UMTS 2.6 GHz 7.68 Mcps TDD</b>	RInImp-UMTS26VHC	2	Rel-7	R4	15/06/2006	15/09/2006	100%	<a href="#">RP-060349</a>	IPWireless	RP#33 completed		
##	1563	20021	<b>UMTS 2.6 GHz</b>	RInImp-UMTS2600	2	Rel-7	R4	15/09/2004	14/06/2005	100%	<a href="#">RP-040397</a>	Nokia	RP#28 completed		
##	1564	20025	<b>UMTS 2.6 GHz TDD</b>	RInImp-UMTS2600TT	2	Rel-7	R4	15/12/2004	14/12/2005	100%	<a href="#">RP-040553</a>	IPWireless	RP#30 completed		
##	1565	20027	<b>UMTS 900 MHz</b>	RInImp-UMTS900	2	Rel-7	R4	15/12/2004	14/12/2005	100%	<a href="#">RP-040541</a>	Nortel	RP#30 completed		
##	1566	20043	<b>UMTS 1700 MHz</b>	RInImp-UMTS1700	2	Rel-7	R4	15/03/2005	14/12/2005	100%	<a href="#">RP-050385</a>	NTT DoCoMo	RP#30 completed		
##	1567	20024	<b>UE Antenna Performance Evaluation Method and Requ</b>	RInImp-UEAnt	2	Rel-7	R4	15/12/2004	04/06/2007	100%	<a href="#">RP-050122</a>	TeliaSonera	RP#36 completed		
##	1568	20045	<b>Improved Performance Requirements for HSDPA UE be</b>	RInImp-HSPerf-Type	2	Rel-7	R4	15/03/2005	15/03/2005	100%	<a href="#">RP-050362</a>	Cingular	RP#27 completed		
##	1569	20062	<b>Additional minimum UE performance requirement for n</b>	RInImp-RxDiv	2	Rel-7	R4	15/09/2005	15/12/2006	100%	-	Qualcomm	-		
##	1570	20048	Additional minimum UE performance requirement for DL physical ch	RInImp-RxDiv-DCH	3	Rel-7	R4	15/09/2005	14/06/2006	100%	<a href="#">RP-060185</a>	Cingular	RP#32 completed		
##	1571	7028	Additional minimum UE performance requirement for downlink physi	RInImp-RxDiv-MBMS	3	Rel-7	R4	15/03/2006	15/12/2006	100%	<a href="#">RP-060183</a>	Qualcomm	RP#34 completed		
##	1572	7029	Additional minimum UE performance requirement for downlink physi	RInImp-RxDiv-EDCH	3	Rel-7	R4	15/03/2006	15/12/2006	100%	<a href="#">RP-060184</a>	Qualcomm	RP#34 completed		
##	####	20049	<i>Deleted Improved support of gaming over HSDPA/EDCH</i>	RInImp-Gaming	2	Rel-7	R2	15/12/2005	15/12/2006	100%	<a href="#">V Work Items</a>	Cingular	RP#34 stopped. SR in RP-060680		
##	####	20047	<i>Deleted (not approved at PCG) - UMTS 2.6 GHz FDD DL External</i>	RInImp-UMTS2600E	2	Rel-7	R4	15/09/2005	15/09/2005	100%	-	T-mobile	This item was conditionnally approved		
##	1575	25025	<b>Rel-7 Improvements of the Radio Interface - UE Con</b>	RInImp-UEConTest	1	Rel-7	R5	11/11/2005	12/09/2008	100%	<a href="#">not applicable</a>	-	Linked to Feature UID_20028 (RInlr		
##	1576	25007	<b>UE Conformance Test for UMTS 2600 MHz</b>	RInImp-UMTS2600_T	2	Rel-7	R5	11/11/2005	02/06/2006	100%	<a href="#">5 Work Items</a>	Nokia	RP#32 completed		
##	1577	25008	<b>UE Conformance Test for UMTS 900 MHz (band VIII)</b>	RInImp-UMTS900_Te	2	Rel-7	R5	11/11/2005	02/06/2006	100%	<a href="#">5 Work Items</a>	Qualcomm	RP#32 completed		
##	1578	25013	<b>Conformance Test Aspects – Improved Performance of</b>	RInImp-HSPerf-Type	2	Rel-7	R5	10/03/2006	01/12/2006	100%	<a href="#">5 Work Items</a>	Motorola	RP#34 completed		
##	1579	25020	<b>UE antenna Over The Air (OTA) conformance testing</b>	RInImp-UEAnt_Test	2	Rel-7	R5	20/09/2006	12/09/2008	100%	<a href="#">RP-060486</a>	Nokia	RP#41 completed (GERAN aspects n		
##	1580	25015	<b>UE conformance testing for FDD Inter-Band Operation</b>	RInImp-InterBand_Te	2	Rel-7	R5	02/06/2006	01/12/2006	100%	<a href="#">5 Work Items</a>	NEC, Motorol	RP#34 completed		
##	1581	25028	<b>Conformance Test Aspects – Extended UMTS 1.7/2.1 G</b>	RInImp-UEConTest_L	2	Rel-7	R5	01/12/2006	01/06/2007	100%	<a href="#">RP-060676</a>	Motorola	RP#36 completed		
##	1582	25039	<b>Conformance Test Aspects – Minimum UE performance</b>	RInImp-UEConTest_f	2	Rel-7	R5	01/06/2007	07/12/2007	100%	<a href="#">RP-070414</a>	Motorola	RP#38 completed		
##	1583	25040	<b>Conformance Test Aspects – Minimum UE performance</b>	RInImp-UEConTest_f	2	Rel-7	R5	01/06/2007	07/03/2008	100%	<a href="#">RP-070381</a>	Ericsson	RP#39 completed		
##	1584	20029	<b>Rel-7 RAN improvements</b>	RANimp	1	Rel-7	RP,S5	15/12/2004	15/06/2007	100%	-	-	Generic feature		
##	1585	20026	<b>Optimization of channelisation code utilisation for 1.28</b>	RANimp-RABSE-Cod	2	Rel-7	R1	15/12/2004	15/12/2006	100%	<a href="#">RP-040552</a>	UTStarcom	RP#34 completed		
##	1586	20031	<b>Delay optimization for procedures applicable to CS and</b>	RANimp-DelayOpt	2	Rel-7	R2	15/03/2005	15/09/2006	100%	<a href="#">RP-050386</a>	Nokia	RP#33 completed		
##	1587	20132	<b>Improved support of IMS Realtime Services using HSD</b>	RANimp-IMSRealTim	2	Rel-7	R2	15/03/2005	14/12/2005	100%	<a href="#">RP-050160</a>	Cingular	RP#30 completed		
##	1588	20033	<b>UE Performance Requirements for MBMS (TDD)</b>	MBMS-RAN-RF-TDD	2	Rel-7	R4	15/03/2005	15/06/2006	100%	<a href="#">RP-050156</a>	IPWireless	RP#32 completed		
##	1589	20046	<b>Continuous connectivity for packet data users</b>	RANimp-CPC	2	Rel-7	R1	14/03/2005	15/03/2007	100%	<a href="#">RP-050870</a>	Siemens	RP#35 completed		
##	1590	7030	<b>Extended WCDMA Cell Range</b>	RANimp-ExtCell	2	Rel-7	R3	15/03/2006	15/12/2006	100%	<a href="#">RP-060212</a>	Ericsson	RP#34 completed		
##	1591	7031	<b>7.68 Mcps TDD Enhanced Uplink</b>	RANimp-VHCR TDD-I	2	Rel-7	R1	15/03/2006	15/12/2006	100%	<a href="#">RP-060119</a>	IPWireless	RP#34 completed		

ID	ID	Jnique_IC	Name	Acronym	utilite	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	1592	330009	<b>Enhanced CELL_FACH State in FDD</b>	RANimp-EnhState	2	Rel-7	R2	25/09/2006	04/06/2007	100%	<a href="#">RP-070245</a>	Nokia	RP#36 completed		
##	1593	340038	<b>64QAM for HSDPA (FDD)</b>	RANimp-64QamDown	2	Rel-7	R1	15/12/2006	04/06/2007	100%	<a href="#">RP-070223</a>	Ericsson	RP#36 completed		
##	1594	340039	<b>Improved L2 support for high data rates</b>	RANimp-L2DataRate	2	Rel-7	R2	15/12/2006	04/06/2007	100%	<a href="#">RP-070242</a>	Ericsson	RP#36 completed		
##	1595	340040	<b>Introduction of 16QAM in HSUPA (FDD)</b>	RANimp-16QamUplink	2	Rel-7	R1	15/12/2006	04/06/2007	100%	<a href="#">RP-060844</a>	Nokia	RP#36 completed		
##	1596	20066	<b>Interface to control Tower Mounted Amplifiers (TMAs)</b>	RANimp-TMA	2	Rel-7	R3,S5	02/06/2006	15/06/2007	100%	<a href="#">RP-060418</a>	Vodafone	RP#35 completed		
##	1597	20166	Interface to control Tower Mounted Amplifiers (TMAs)	RANimp-TMA	3	Rel-7	R3	02/06/2006	16/03/2007	100%	<a href="#">RP-060418</a>	Vodafone	RP#35 completed		
##	1598	340045	OAM aspects to Interface to control TMAs	RANimp-TMA-OAM	3	Rel-7	S5	26/01/2007	15/06/2007	100%	<a href="#">not applicable</a>	Vodafone	SP#36 completed		
##	1599	25026	<b>Rel-7 RAN improvements - UE Conformance Testing</b>	RANimp-UEConTest	1	Rel-7	R5	20/09/2006	18/09/2009	100%	<a href="#">not applicable</a>	-	Linked to Feature UID_20029 (RAN		
##	1600	25021	<b>Conformance Test Aspects - 3.84 Mcps and 7.68 Mcps</b>	RANimp-UEConTest	2	Rel-7	R5	20/09/2006	12/09/2008	100%	<a href="#">RP-060484</a>	IPWireless	RP#41 completed		
##	1601	25031	<b>Conformance Test Aspects – 64QAM for HSDPA (FDD)</b>	RANimp-UEConTest	2	Rel-7	R5	09/03/2007	03/03/2008	100%	<a href="#">RP-071319</a>	Ericsson	RP#39 completed		
##	1602	25032	<b>Conformance Test Aspects – 16QAM for HSUPA (FDD)</b>	RANimp-UEConTest	2	Rel-7	R5	09/03/2007	30/05/2008	100%	<a href="#">RP-070022</a>	Motorola	RP#40 completed		
##	1603	25033	<b>Conformance Test Aspects – Improved L2 support for H</b>	RANimp-UEConTest	2	Rel-7	R5	09/03/2007	30/05/2008	100%	<a href="#">RP-070020</a>	Ericsson	RP#40 completed		
##	1604	25034	<b>Conformance Test Aspects – Continuous connectivity f</b>	RANimp-UEConTest	2	Rel-7	R5	09/03/2007	30/05/2008	100%	<a href="#">RP-070023</a>	Nokia	RP#40 completed		
##	1605	25035	<b>Conformance Test Aspects – Enhanced CELL_FACH st</b>	RANimp-UEConTest	2	Rel-7	R5	09/03/2007	18/09/2009	100%	<a href="#">RP-080730</a>	Nokia	RP#45 completed		
##	1606	20014	<b>7.68 Mcps TDD option</b>	VHCRTDD	1	Rel-7	RP	15/09/2004	14/09/2007	100%	<a href="#">RP-060119</a>	IPWireless	RP#31 completed		
##	1607	20015	<b>VHCRTDD: Stage 2</b>	VHCRTDD-Stage2	2	Rel-7	R1	15/09/2004	15/03/2006	100%	<a href="#">RP-060119</a>	IPWireless	RP#31 completed		
##	1608	20016	<b>VHCRTDD: Physical Layer</b>	VHCRTDD-Phys	2	Rel-7	R1	15/09/2004	15/03/2006	100%	<a href="#">RP-060119</a>	IPWireless	RP#31 completed		
##	1609	20017	<b>VHCRTDD: Layer 2 and layer 3 protocol aspects</b>	VHCRTDD-L23	2	Rel-7	R2	15/09/2004	15/03/2006	100%	<a href="#">RP-060119</a>	IPWireless	RP#31 completed		
##	1610	20018	<b>VHCRTDD: UTRAN Iub/Iur Protocol Aspects</b>	VHCRTDD-IurIub	2	Rel-7	R3	15/09/2004	15/03/2006	100%	<a href="#">RP-060119</a>	IPWireless	RP#31 completed		
##	1611	20019	<b>VHCRTDD: RF Radio Transmission/ Reception, System</b>	VHCRTDD-RF	2	Rel-7	R4	15/09/2004	15/06/2006	100%	<a href="#">RP-060119</a>	IPWireless	RP#32 completed		
##	1612	25027	<b>Conformance Test Aspects - 7.68 Mcps TDD</b>	VHCRTDD-UEConTe	2	Rel-7	R5	20/09/2006	14/09/2007	100%	<a href="#">RP-060482</a>	IPWireless	RP#37 completed		
##	1613	20035	<b>3.84 Mcps TDD Enhanced Uplink</b>	EDCHTDD	1	Rel-7	RP	15/03/2005	15/09/2006	100%	<a href="#">RP-050100</a>	IPWireless	RP#33 completed		
##	1614	20036	<b>EDCHTDD: Stage 2</b>	EDCHTDD-Stage2	2	Rel-7	R2	15/03/2005	15/06/2006	100%	<a href="#">Items_History</a>	IPWireless	RP#33 completed		
##	1615	20037	<b>EDCHTDD: Physical Layer</b>	EDCHTDD-Phys	2	Rel-7	R1	15/03/2005	15/09/2006	100%	<a href="#">Items_History</a>	IPWireless	RP#33 completed		
##	1616	20038	<b>EDCHTDD: Layer 2 and 3 Protocol Aspects</b>	EDCHTDD-L23	2	Rel-7	R2	15/03/2005	15/09/2006	100%	<a href="#">Items_History</a>	IPWireless	RP#33 completed		
##	1617	20039	<b>EDCHTDD: UTRAN Iub/Iur Protocol Aspects</b>	EDCHTDD-IurIub	2	Rel-7	R3	15/03/2005	15/09/2006	100%	<a href="#">Items_History</a>	Interdigital	RP#33 completed		
##	1618	20040	<b>EDCHTDD: RF Radio Transmission/ Reception, System</b>	EDCHTDD-RF	2	Rel-7	R4	15/03/2005	15/09/2006	100%	<a href="#">Items_History</a>	IPWireless	RP#33 completed		
##	1619	20055	<b>1.28 Mcps TDD Enhanced Uplink</b>	LCRTDD-EDCH	1	Rel-7	RP	15/03/2006	12/09/2008	100%	<a href="#">RP-060202</a>	CATT	RP#35 completed		
##	1620	20056	<b>1.28 Mcps TDD Enhanced Uplink: Physical Layer</b>	LCRTDD-EDCH-Phys	2	Rel-7	R1	15/03/2006	15/03/2007	100%	<a href="#">N_Work_Items</a>	CATT	RP#35 completed		
##	1621	20057	<b>1.28 Mcps TDD Enhanced Uplink: Layer 2 and 3 Protoc</b>	LCRTDD-EDCH-L23	2	Rel-7	R2	15/03/2006	15/03/2007	100%	<a href="#">N_Work_Items</a>	CATT	RP#35 completed		
##	1622	20058	<b>1.28 Mcps TDD Enhanced Uplink: UTRAN Iub/Iur Protoc</b>	LCRTDD-EDCH-IubI	2	Rel-7	R3	15/03/2006	15/03/2007	100%	<a href="#">N_Work_Items</a>	CATT	RP#35 completed		
##	1623	20059	<b>1.28 Mcps TDD Enhanced Uplink: RF Radio Transmissi</b>	LCRTDD-EDCH-RF	2	Rel-7	R4	15/03/2006	15/06/2007	100%	<a href="#">N_Work_Items</a>	CATT	RP#36 completed		
##	1624	350146	<b>1.28 Mcps TDD Enhanced Uplink - UE Conformance Te</b>	LCRTDD-EDCH-UEC	2	Rel-7	R5	20/09/2007	12/09/2008	100%	<a href="#">RP-070724</a>	CATT	RP#41 completed		
##	1625	490016	<b>Conformance Test Aspects – Multiple Band and Mu</b>	LCRTDD_MB_MF_U	1	Rel-7	R5	17/09/2010	09/12/2011	80%	<a href="#">RP-100805</a>	CATR	Core specification was introduced via		
##	1626	50118	<b>MS Antenna Performance Evaluation Method and Re</b>	APEMR	1	Rel-7	GP	28/01/2005	16/11/2007	100%	<a href="#">GP-050284</a>	TeliaSonera	GP#36 completed for R7		
##	1627	50119	<b>Lower 700 MHz Inclusion in the GERAN Specificatio</b>	GSM710	1	Rel-7	GP	03/01/2005	30/06/2006	100%	<a href="#">GP-050543</a>	UTC	-		
##	1628	51138	Inclusion of the 698 – 746 MHz band into GERAN core specifications	GSM710-core	2	Rel-7	G1	03/01/2005	30/06/2005	100%	-	-	Completed		
##	1629	53084	G1 aspects of GSM710	GSM-710-test	2	Rel-7	G1	31/08/2005	30/06/2006	100%	-	-	-		
##	1630	55094	G3 aspects of GSM710	GSM-710-test	2	Rel-7	G3new	31/08/2005	30/06/2006	100%	-	-	-		
##	1631	50564	<b>Support of Conversational Services in A/Gb mode vi</b>	SCSAGB	1	Rel-7	GP	08/04/2005	31/08/2007	100%	<a href="#">GP-061501</a>	Ericsson	Originally started Nov. 2003 as GP-		
##	1632	52143	Minimise the transfer delay between the SGSN and the MS	SCSAGB-MTD	2	Rel-7	GP	08/04/2005	31/08/2007	100%	<a href="#">GP-061501</a>	Ericsson	-		
##	1633	51137	Definition of radio resource management functionality	SCSAGB-RRM	2	Rel-7	G1	08/04/2005	31/08/2007	100%	<a href="#">GP-061502</a>	Ericsson	-		
##	1634	52144	Support of Conversational Services in A/Gb mode via the PS domain – R	SCSAGB-RLCNP	2	Rel-7	G2	30/06/2006	17/11/2006	100%	<a href="#">GP-061503</a>	Ericsson	-		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	####	52138	Deleted- Radio Channel Support	SCSAGB-RCHS	2	Rel-7	G2	17/07/2006	17/07/2006	100%	<a href="#">GP-051166</a>	Ericsson	-		
##	####	52139	Deleted- Modifications to FLO	SCSAGB-FLO	2	Rel-7	G2	17/07/2006	17/07/2006	100%	<a href="#">GP-051165</a>	Ericsson	-		
##	1637	50565	<b>Addition of new frequency band to GSM (T-GSM810)</b>	<b>TGSM810</b>	1	Rel-7	GP	<b>08/04/2005</b>	<b>31/08/2007</b>	<b>100%</b>	<a href="#">GP-050945</a>	<b>Huawei</b>	-		
##	1638	50566	Changes to core specification	TGSM810-Core	2	Rel-7	GP	08/04/2005	02/09/2005	100%	<a href="#">GP-050946</a>	Huawei	-		
##	1639	55092	Changes to MS testing specification	TGSM810-MStest	2	Rel-7	G3new	08/04/2005	31/08/2007	100%	<a href="#">GP-050947</a>	Huawei	-		
##	1640	53082	Changes to BTS testing specification	TGSM810-BTStest	2	Rel-7	G1	08/04/2005	11/11/2005	100%	<a href="#">GP-050948</a>	Huawei	-		
##	1641	50567	<b>Handover of dedicated and shared resources while i</b>	<b>HODSRDTM</b>	1	Rel-7	GP	<b>08/04/2005</b>	<b>17/11/2006</b>	<b>100%</b>	<a href="#">GP-050979</a>	<b>Nokia</b>	<b>GP#30 completed. Started at GP#2</b>		
##	1642	55093	Handover of dedicated and shared resources while in Dual Transfer Mod	HODSRDTM-G2	2	Rel-7	G2	08/04/2005	30/06/2006	100%	<a href="#">GP-050979</a>	Nokia	GP#30 completed		
##	####	55095	Deleted - MS Conformance Testing	HODSRDTM-Mstest	2	Rel-7	G3new	08/04/2005	17/11/2006	100%	<a href="#">GP-050979</a>	Nokia	Stopped, no work done. 12/2008 Mar		
##	####	53083	Deleted - BTS conformance testing	HODSRDTM-BTStes	2	Rel-7	G1	08/04/2005	17/11/2006	100%	<a href="#">GP-050979</a>	Nokia	Stopped, no work done. 12/2008 Mar		
##	1645	50569	<b>Mobile Station Receive Diversity (DARP Phase II)</b>	<b>MSRD2</b>	1	Rel-7	GP	<b>11/11/2005</b>	<b>16/11/2007</b>	<b>100%</b>	<a href="#">GP-061491</a>	<b>Nokia</b>	<b>GP#36 completed</b>		
##	1646	50571	Performance Requirements for Mobile Station Receive Diversity, DARP I	MSRD2-PerfReq	2	Rel-7	GP	11/11/2005	16/02/2007	100%	<a href="#">GP-060115</a>	Nokia	GP#33 completed		
##	1647	50572	Capability signalling of Mobile Station Receive Diversity, DARP Phase II	MSRD2-CapSig	2	Rel-7	GP	11/11/2005	16/02/2007	100%	<a href="#">GP-060116</a>	Nokia	GP#33 completed		
##	1648	50573	Test Scenarios for Mobile Station Receive Diversity, DARP Phase II	MSRD2-TestSc	2	Rel-7	GP	11/11/2005	16/02/2007	100%	<a href="#">GP-060117</a>	Nokia	GP#33 completed		
##	1649	50570	MS conformance test of DARP Phase II (MSRD)	MSRD2-Msconf	2	Rel-7	GP	11/11/2005	16/11/2007	100%	<a href="#">GP-060114</a>	Nokia	GP#36 completed		
##	1650	50579	<b>Downlink Dual Carrier</b>	<b>GDCDL</b>	1	Rel-7	GP	<b>20/01/2006</b>	<b>04/09/2009</b>	<b>100%</b>	<a href="#">GP-061331</a>	<b>Nokia Sieme</b>	<b>GP#35 completed</b>		
##	1651	51139	Downlink Dual Carrier Stage 2	GDCDL-Stage2	2	Rel-7	G1	20/01/2006	30/06/2006	100%	<a href="#">GP-060484</a>	Nokia Siemer	GP#30 completed		
##	1652	52142	Downlink Dual Carrier Stage 3	GDCDL-Stage2	2	Rel-7	G1	20/01/2006	31/08/2007	100%	<a href="#">GP-060485</a>	Nokia Siemer	GP#35 completed		
##	1653	53086	Downlink Dual Carrier – MS Conformance Test	GDCDL-MStest	2	Rel-7	G3new	20/01/2006	04/09/2009	100%	<a href="#">GP-060486</a>	Nokia Siemer	GP#43 completed		
##	1654	50580	<b>Support of SIGTRAN in GERAN</b>	GSIGT	1	Rel-7	GP	20/01/2006	30/06/2006	100%	<a href="#">GP-060450</a>	Ericsson	GP#30 completed		
##	1655	50582	<b>Latency Reductions</b>	<b>LATRED</b>	1	Rel-7	GP	<b>30/06/2006</b>	<b>31/08/2007</b>	<b>100%</b>	<a href="#">GP-061519</a>	<b>Ericsson</b>	<b>GP#35 completed</b>		
##	1656	52145	Improved Ack/Nack reporting	LATRED-ACKNAR	2	Rel-7	G2	30/06/2006	31/08/2007	100%	<a href="#">GP-061520</a>	Ericsson	GP#35 completed		
##	1657	52146	Reduced TTI	LATRED-REDTTI	2	Rel-7	G2	30/06/2006	31/08/2007	100%	<a href="#">GP-061521</a>	Ericsson	GP#35 completed		
##	1658	52147	<b>PS Handover between GERAN/UTRAN mode and GA</b>	GUGAN	1	Rel-7	G2	30/06/2006	16/02/2007	100%	<a href="#">GP-061349</a>	Ericsson	GP#33 completed		
##	1659	50584	<b>Higher Uplink performance for GERAN Evolution</b>	<b>HUGE</b>	1	Rel-7	GP	<b>08/09/2006</b>	<b>20/05/2011</b>	<b>100%</b>	<a href="#">GP-071083</a>	<b>Nokia Sieme</b>	-		
##	1660	51140	Stage 2 for HUGE	HUGE-Stage2	2	Rel-7	G1	08/09/2006	07/09/2007	100%	<a href="#">GP-061902</a>	Nokia Siemer	GP#35 completed		
##	1661	51141	Layer 1 Support for HUGE	HUGE-Layer1	2	Rel-7	G1	08/09/2006	22/02/2008	100%	<a href="#">GP-061903</a>	Nokia Siemer	GP#37 completed		
##	1662	52149	Layer 2/3 Support for HUGE	HUGE-Layer23	2	Rel-7	G2	08/09/2006	31/08/2007	100%	<a href="#">GP-061904</a>	Nokia Siemer	GP#35 completed		
##	1663	51142	Performance requirements for HUGE	HUGE-Perfreq	2	Rel-7	G1	08/09/2006	29/08/2008	100%	<a href="#">GP-061905</a>	Nokia Siemer	GP#39 completed		
##	1664	51143	BTS Conformance Test for HUGE	HUGE-BTStest	2	Rel-7	G1	08/09/2006	04/09/2009	100%	<a href="#">GP-061907</a>	Nokia Siemer	GP#43 completed		
##	1665	53087	MS Conformance Test for HUGE	HUGE-Mstest	2	Rel-7	G3new	08/09/2006	20/05/2011	100%	<a href="#">GP-061906</a>	Nokia Siemer	GP#50 completed		
##	1666	50121	<b>Reduced symbol Duration, Higher Order modulation</b>	<b>REDHOT</b>	1	Rel-7	GP	<b>17/11/2006</b>	<b>20/05/2011</b>	<b>100%</b>	<a href="#">GP-071080</a>	<b>Ericsson, No</b>	<b>GP#38 completed. SP#42 split core</b>		
##	1667	51144	Stage 2 for REDHOT	REDHOT-Stage2	2	Rel-7	G1	17/11/2006	31/08/2007	100%	<a href="#">GP-062489</a>	Ericsson, Nok	GP#35 completed		
##	1668	51145	Stage 3 for REDHOT	REDHOT-Stage3	2	Rel-7	G1	17/11/2006	16/05/2008	100%	<a href="#">GP-062490</a>	Ericsson, Nok	GP#38 completed		
##	1669	51146	BTS Conformance Tests for REDHOT	REDHOT-BTStest	2	Rel-7	G1	17/11/2006	15/05/2009	100%	<a href="#">GP-062492</a>	Ericsson, Nok	GP#42 completed		
##	1670	53088	MS Conformance Tests for REDHOT	REDHOT-Mstest	2	Rel-7	G3new	17/11/2006	20/05/2011	100%	<a href="#">GP-062491</a>	Ericsson, Nok	GP#50 completed		
##	1671	60110	<b>(Small) Technical Enhancements and Improvements</b>	TEI7	1	Rel-7	All	26/03/2007	26/03/2007	100%	<a href="#">not applicable</a>	-	-		
##	1672	25030	<b>Test - (Small) Technical Enhancements and Improve</b>	TEI7_Test	1	Rel-7	R5	02/06/2006	28/11/2007	100%	<a href="#">not applicable</a>	-	-		
##	####	32113	Deleted - PS domain and IMS support for IMS Emergency sessions	IMS-EMER	1	Rel-7	S2	23/06/2006	21/09/2006	100%	<a href="#">SP-050604</a>	Nokia	Approved at SP#29		
##	####	32114	Deleted - IMS aspects to support IMS Emergency sessions	IMS-EMER	2	Rel-7	S2	23/06/2006	21/09/2006	100%	<a href="#">SP-050604</a>	Nokia	Approved at SP#29		
##	####	32115	Deleted - PS domain aspects to support IMS Emergency sessions	IMS-EMER	2	Rel-7	S2	23/06/2006	21/09/2006	100%	<a href="#">SP-050604</a>	Nokia	Approved at SP#29		
##	####	32005	Deleted - IMS Local services	IMSLocal	1	Rel-7	S2	06/01/2006	06/01/2006	100%	-	-	-		
##	####	32019	Deleted - Stage 2	IMSLocal	2	Rel-7	S2	06/01/2006	06/01/2006	100%	-	-	DAB - Not yet required in SA2 as it ex		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	####	11035	Deleted - Stage 3 for IMS Local services	IMSLocal	2	Rel-7	C1	06/01/2006	06/01/2006	100%	-	Lucent	-		
##	####	32078	Deleted - IMS Phase 3	-	1	Rel-7	S2	06/01/2006	06/01/2006	100%	-	-	-		
##	####	701216	Deleted - Improvements of Radio Interface	RInImp	1	Rel-7	RP	15/09/2004	15/09/2004	100%	<a href="#">V Work Items</a>	-	Stage 2 description of Interim conclus		
##	####	14018	Deleted: Generic User Profile Phase 2	-	1	Rel-7	C4	08/08/2005	30/06/2006	100%	-	-	Created at TSG#27 by A. Sultan beci		
##	####	42003	Deleted - Stage 3 - Common objects	-	1	Rel-7	C4	08/08/2005	30/06/2006	100%	<a href="#">TP-020275</a>	-	No progress in CN4#26. This have to		
##	1683	0	<b>Release 7 Studies</b>	-	1	Rel-7	CP,GP,RP	28/06/2004	17/09/2007	100%	-	-	-		
##	1684	31082	<b>Study on Multimedia Telephony Capabilities for IMS</b>	MITE	1	Rel-7	S1	11/07/2005	31/07/2006	100%	<a href="#">SP-050387</a>	Ericsson	Spin-off Feature UID_7038 (MTSI)		
##	1685	31050	<b>Study on Behaviour of Multi system UEs</b>	BMSU	1	Rel-7	S1	28/06/2004	15/12/2005	100%	<a href="#">SP-050502</a>	Qualcomm	-		
##	1686	31055	<b>Study on Combining CS calls and IMS sessions</b>	IRTS-DS-CS_IMS	1	Rel-7	S1	28/06/2004	17/03/2005	100%	<a href="#">SP-040467</a>	TeliaSonera	-		
##	1687	31059	<b>Study on All-IP Network</b>	FS_AIPN	1	Rel-7	S1	28/06/2004	16/03/2005	100%	<a href="#">SP-040303</a>	NTT DoCoMo	07/08 Moved to Rel-7 as Study out of		
##	1688	31075	<b>Study on Videotelephony teleservice</b>	VidTel	1	Rel-7	S1	01/03/2005	17/01/2006	100%	<a href="#">SP-050506</a>	T-Mobile	-		
##	1689	31073	<b>Study on Network Selection Principles</b>	NetSel	1	Rel-7	S1	15/03/2005	08/12/2005	100%	<a href="#">SP-050227</a>	O2	Spin-off Feature Network selection er		
##	1690	31041	<b>Study on Multimedia Priority Service</b>	PRIOR-MM	1	Rel-7	S1	28/03/2003	30/06/2006	100%	<a href="#">SP-060329</a>	Telcordia	Spin-off Feature PRIOR UID_340044		
##	1691	31083	<b>Study on Transferring of emergency Call data</b>	eCALL	1	Rel-7	S1	11/07/2005	31/03/2006	100%	<a href="#">SP-050388</a>	Motorola	-		
##	1692	32073	<b>Study on Enhancement of E2E QoS</b>	QoS7	1	Rel-7	S2	28/06/2004	15/09/2005	100%	<a href="#">SP-040326</a>	Huawei	-		
##	1693	35066	<b>Study on SOAP/HTTP IRP Solution Sets</b>	OAM7-NIM-XML	1	Rel-7	S5	02/09/2005	07/12/2006	100%	<a href="#">SP-050610</a>	Nortel	SP#34 completed		
##	1694	35067	<b>Study on Itf-N Implementation Conformance Statem</b>	OAM7-NIM-ICS	1	Rel-7	S5	02/09/2005	15/03/2007	100%	<a href="#">SP-050609</a>	China Mobile	SP#35 completed		
##	1695	35068	<b>Study on IRP Information Model</b>	OAM7-NIM-IM	1	Rel-7	S5	02/09/2005	15/03/2007	100%	<a href="#">SP-050611</a>	Motorola	SP#35 completed		
##	1696	7034	<b>Study on Bandwidth Saving at Nb Interface with IP tr</b>	BSNblP	1	Rel-7	C3	10/03/2006	09/03/2007	100%	<a href="#">CP-060438</a>	Siemens	Moved to FS at CT32 (in line with slid		
##	1697	14019	<b>Study on Routeing of MT-SMS via the HPLMN</b>	SMS7	1	Rel-7	C4	07/10/2005	01/12/2006	100%	<a href="#">CP-060701</a>	Vodafone	Previously known as "Study of a SMS		
##	1698	7025	<b>Study on the TCAPsec Gateway concept</b>	SEC7-TCAP	1	Rel-7	C4	28/10/2005	10/03/2006	100%	<a href="#">CP-050687</a>	Siemens	TR 29.800 content moved to TS 29.2i		
##	1699	7050	<b>Study on using M2PA in 3GPP network</b>	FS-M2PA	1	Rel-7	C4	22/03/2006	08/06/2007	100%	<a href="#">CP-060698</a>	China Mobile	-		
##	1700	320018	<b>Study on Support of (G)MSC-S - (G)MSC-S Nc Interf</b>	NcSIP	1	Rel-7	C4	15/05/2006	14/09/2007	100%	<a href="#">CP-070034</a>	Vodafone	-		
##	1701	330002	CT4 aspects of NcSIP	NcSIP	2	Rel-7	C4	15/05/2006	01/06/2007	100%	<a href="#">CP-070034</a>	Vodafone	-		
##	1702	330003	CT3 aspects of NcSIP	NcSIP	2	Rel-7	C3	15/05/2006	14/09/2007	100%	<a href="#">CP-070034</a>	Ericsson	-		
##	1703	20023	<b>Study on Evolved UTRA and UTRAN</b>	RANFS-Evo	1	Rel-7	RP	15/12/2004	15/09/2006	100%	<a href="#">RP-040461</a>	NTT DoCoMo	RP#33 (Sep 2006) completed. SR in i		
##	1704	20034	<b>Study on Performance Evaluation of the UE behavio</b>	RANFS-HSTrains	1	Rel-7	R4	15/03/2005	15/06/2006	100%	<a href="#">RP-050146</a>	Vodafone	RP#32 (Jun 2006) completed. SR in f		
##	1705	20041	<b>Study on UTRA Tower Mounted Amplifier (FDD)</b>	RANFS-TMA	1	Rel-7	R4	15/06/2005	14/03/2006	100%	<a href="#">RP-050387</a>	Ericsson	RP#31 (Mar 2006) completed. SR in i		
##	1706	20044	<b>Study on Continuous connectivity for packet data us</b>	RANFS-cont-packet	1	Rel-7	R1	15/03/2005	14/09/2005	100%	<a href="#">RP-050391</a>	Siemens	RP#29 (Sep 2006) completed. SR in i		
##	1707	20051	<b>Study on Improvement of the Multimedia Broadcast</b>	RANFS-MBMSimp	1	Rel-7	R2	15/12/2005	15/12/2006	100%	<a href="#">RP-050746</a>	LG Electronic	RP#34 (Dec 2006) completed. SR in i		
##	1708	20052	<b>Study on Performance Improvements in Small Cells</b>	SMALLCELLS	1	Rel-7	R4	15/12/2005	15/06/2006	100%	<a href="#">RP-050782</a>	Cingular	RP#32 (Jun 2006) closed (no progres		
##	1709	20053	<b>Study on Further Improved Performance Requireme</b>	RANFS-IC	1	Rel-7	R4	15/12/2005	04/06/2007	100%	<a href="#">RP-050880</a>	Cingular	RP#36 (May 2007) completed. SR in		
##	1710	20065	<b>Study on Scope of future FDD HSPA Evolution</b>	RANFS-HSPA Evo	1	Rel-7	RP	15/03/2006	17/09/2007	100%	<a href="#">RP-060217</a>	Cingular	RP#37 (Sep 2007) completed. SR in i		
##	1711	330013	<b>Study on Dynamically reconfiguring a FDD UE receiv</b>	FSUEPow	1	Rel-7	R4	22/06/2007	22/06/2007	100%	<a href="#">RP-060641</a>	Nokia	RP#37 (Sep 2007) completed. SR in i		
##	1712	50568	<b>Study on Future GERAN Evolution</b>	FGE	1	Rel-7	GP	08/04/2005	16/02/2007	100%	<a href="#">GP-051052</a>	Nokia	GP#33 completed		
##	1713	50120	<b>Study on GAN Enhancements</b>	EGAN	1	Rel-7	GP	31/08/2007	31/08/2007	100%	<a href="#">GP-062298</a>	T-Mobile	GP#35 completed		
##	####	31054	Deleted - Study on IMS with real time services deployment	IRTS-DS	1	Rel-7	S1	28/06/2004	12/09/2005	100%	<a href="#">SP-040465</a>	-	-		
##	####	31077	Deleted - Covered by SI - Personal Network (PN) and Personal Area Network	PNPAN	1	Rel-7	S1	08/12/2005	20/12/2005	100%	<a href="#">SP-050386</a>	Vodafone	-		
##	####	7011	Deleted - Study on Personal Network and Personal Area Network	PNPAN	1	Rel-7	S1	20/10/2006	20/10/2006	100%	-	-	Moved from FS section Feb 06		
##	####	31078	Deleted - Covered by SI - Multimedia Telephony Capabilities for IMS	MITE	1	Rel-7	S1	08/12/2005	20/12/2005	100%	<a href="#">SP-050387</a>	Ericsson	-		
##	####	31079	Deleted - Covered by SI - Transferring of emergency Call data	eCALL	1	Rel-7	S1	08/12/2005	08/12/2005	100%	<a href="#">SP-050388</a>	Motorola	-		
##	####	31080	Deleted - Covered by SI - MBMS Enhancements	MBMSE	1	Rel-7	S1	08/12/2005	08/12/2005	100%	<a href="#">SP-050389</a>	China Mobile	-		
##	####	31087	Deleted - Study on Customised Alerting Tone (CAT) Requirements (was dupli	CAT	1	Rel-7	S1	30/06/2006	30/06/2006	100%	<a href="#">SP-050607</a>	-	Awaiting MCC SA3 input		



ID	ID	Junique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														May	Qtr 3, 2011 Jul
##	####	320017	<a href="#">Deleted - Study on LCS architecture for I-WLAN (covered by 32108)</a>	IMS-SE	1	Rel-7	S2	08/12/2006	08/12/2006	100%	-	LG Electronic	-		
##	####	732028	<a href="#">Deleted - IMS security extensions (covered by UID33027)</a>	IMS-SE	1	Rel-7	S3	08/12/2005	08/12/2005	100%	<a href="#">SP-050395</a>	Ericsson	-		
##	####	32029	<a href="#">Deleted - Study on applicability of GALILEO for LCS</a>	Galileo	1	Rel-7	S2	30/06/2005	30/06/2005	100%	<a href="#">SP-020541</a>	-	-		
##	####	32058	<a href="#">Deleted - TR on Stage 2</a>	Galileo	2	Rel-7	S2	30/06/2005	30/06/2005	100%	-	-	-		
##	####	50095	<a href="#">Deleted - GERAN review of the TR</a>	Galileo	2	Rel-7	GP	30/06/2005	30/06/2005	100%	-	-	-		
##	####	32076	<a href="#">Deleted - Study on Stage 2 (IMS services using CS bearers)</a>	IRTSD-IMSCS	1	Rel-7	S2	28/06/2004	12/09/2005	100%	<a href="#">SP-040479</a>	Nortel	SP-30: S2 has no intention for TR cor		
##	####	32099	<a href="#">Deleted - VoIMS bearer related enhancements</a>	VoIMS	1	Rel-7	S2	21/07/2006	21/07/2006	100%	-	-	Created by MCC to group all VoIMS r		
##	####	32098	<a href="#">Deleted - Study on enhancement of radio performance for VoIMS</a>	VoIMS	2	Rel-7	S2	21/07/2006	21/07/2006	100%	<a href="#">SP-050351</a>	Nortel	WID approved SP#28. SA2#52 stopp		
##	####	32112	<a href="#">Deleted - Study on IMS enhancements and optimizations for real time commu.</a>	IMS-RT	1	Rel-7	S2	10/10/2005	01/06/2007	100%	<a href="#">SP-050492</a>	Ericsson	abandoned at 65%		
##	####	32117	<a href="#">Deleted - Study on Terminating Session handling</a>	CSterm	1	Rel-7	S2	09/01/2006	29/12/2006	100%	<a href="#">SP-050811</a>	Samsung	SP#32 Jun 2006 Study abandoned =		
##	####	34040	<a href="#">Deleted - Study on Transferring of emergency call data – in-band modem solu.</a>	eCALLIBMS	1	Rel-7	S4	22/06/2007	22/06/2007	100%	<a href="#">SP-060935</a>	Airbiquity	SP-38 stopped		
##	####	35045	<a href="#">Deleted - Study on IRP usage scenarios</a>	OAM-Study	1	Rel-7	S5	02/09/2005	07/12/2006	100%	<a href="#">SP-050303</a>	Lucent	-		
##	####	360009	<a href="#">Deleted - Study on Interference Cancellation for UTRA FDD UE (covered by U</a>	RANFS-InterfCanc	1	Rel-7	R4	28/03/2007	28/03/2007	100%	-	-	Deleted. Same as FS on Further Impi		
##	####	50552	<a href="#">Deleted - Study on enhanced support of Video Telephony</a>	VIDGER	1	Rel-7	GP	30/06/2006	30/06/2006	100%	<a href="#">GP-042221</a>	Ericsson	FS CLOSED at G#28 (no input)		
##	1735	0	<b>Release 6 Features</b>	-	1	Rel-6	NP,GP, RF	28/06/2002	30/12/2005	100%	-	-	-		
##	1736	1216	<b>Rel-6 Improvements of Radio Interface</b>	RInImp	1	Rel-6	RP	14/08/2000	01/12/2006	100%	<a href="#">Work Items</a>	-	-		
##	1737	20032	Improved support of IMS Realtime Services using HSDPA/EDCH	RInImp-IMSRealTime	2	Rel-6	R2	15/03/2005	14/12/2005	100%	-	Cingular	-		
##	1738	24006	Improving Receiver Performance Requirements for the FDD UE	RInImp-UERecPerf	2	Rel-6	R4	08/03/2002	19/09/2003	100%	<a href="#">Items History</a>	Intel	-		
##	1739	24004	<b>Base station classification</b>	RInImp-BSCClass	2	Rel-6	R4	14/08/2000	04/12/2002	100%	-	-	-		
##	1740	1476	FDD Base station classification	RInImp-BSCClass-FDC	3	Rel-6	R4	14/08/2000	04/12/2002	100%	<a href="#">Items History</a>	Nokia	-		
##	1741	24007	UMTS-850	RInImp-UMTS850	2	Rel-6	R4	06/12/2002	12/12/2003	100%	<a href="#">Items History</a>	Cingular	Introduction of UMTS850 (Band V) in		
##	1742	24009	DS-CDMA introduction in the 800 MHz band	RInImp-UMTS800	2	Rel-6	R4	14/03/2003	12/12/2003	100%	<a href="#">Items History</a>	NTT DoCoMc	Introduction of UMTS800 in 25.307		
##	1743	24010	UMTS 1.7/2.1 GHz	RInImp-UMTS1721	2	Rel-6	R4	14/03/2003	14/03/2003	100%	<a href="#">Items History</a>	Nokia	Introduction of UMTS1700/2100 (Ban		
##	1744	25010	Conformance Test Aspects – UMTS 1.7/2.1 GHz Band	RInImp-UMTS1721_T	2	Rel-6	R5	10/03/2006	01/12/2006	100%	<a href="#">5 Work Items</a>	Motorola	-		
##	1745	24013	<b>Improved Receiver Performance Requirements for HSDPA</b>	RInImp-HSPerf	2	Rel-6	R4,R5	19/09/2003	09/06/2006	100%	<a href="#">Work Items</a>	Nokia	-		
##	1746	20011	Improved Minimum Performance Requirements for HSDPA UE cate	RInImp-HSPerf-10cor	3	Rel-6	R4	15/09/2004	09/06/2006	100%	<a href="#">Items History</a>	Nokia	Approved at RP#25 as RP-040375		
##	1747	25001	Testing of Improved Minimum Performance for HSDPA	RInImp-HSPerf-10Co	3	Rel-6	R5	19/09/2003	16/03/2006	100%	<a href="#">5 Work Items</a>	Motorola	-		
##	1748	24014	Performance Requirements of Receive Diversity for HSDPA	RInImp-HSPerf-RxDi	3	Rel-6	R4	15/12/2003	07/06/2005	100%	<a href="#">Items History</a>	NTT DoCoMc	-		
##	1749	25002	Testing of Performance of Receiver diversity for HSDPA	RInImp-HSPerf-RxDi	3	Rel-6	R5	19/09/2003	16/03/2006	100%	<a href="#">5 Work Items</a>	Motorola	-		
##	1750	3	<b>Rel-6 RAN Feasibility Studies</b>	-	1	Rel-6	RP	14/08/2000	14/03/2005	100%	<a href="#">Items History</a>	-	-		
##	1751	23007	FS of the improved access to UE measurement data for CRNC to support	RANimp-RRMOpt-FSI	2	Rel-6	R3	06/12/2002	18/12/2003	100%	<a href="#">Items History</a>	Interdigital	-		
##	1752	1506	FS on Radio link performance enhancements	RInImp-Rlperf	2	Rel-6	R1	14/08/2000	14/09/2004	100%	<a href="#">Study Items</a>	Nokia	Study finished at RP#25		
##	1753	21000	FS on Improvement of inter-frequency and inter-system measurements fr	RInImp-IFIsMLCR	2	Rel-6	R1	14/12/2001	19/09/2003	100%	<a href="#">Items History</a>	Samsung	-		
##	1754	21003	FS for the analysis of OFDM for UTRAN enhancement	RInImp-FSOFDM	2	Rel-6	R1	10/06/2002	14/06/2004	100%	<a href="#">Items History</a>	Nortel	-		
##	1755	21004	FS on Uplink Enhancements for Dedicated Transport Channels	RInImp-FSUpDTrCh	2	Rel-6	R1	06/09/2002	12/03/2004	100%	<a href="#">Items History</a>	Nokia	-		
##	1756	21005	FS on Analysis on Higher Chip Rates for UTRA TDD evolutions	RInImp-FSVHCRTEC	2	Rel-6	R1	06/09/2002	14/09/2004	100%	<a href="#">Study Items</a>	IPWireless	Study finished at RP#25		
##	1757	24011	FS on Low Output Powers for general purpose FDD BSs	RInImp-FSLoPw	2	Rel-6	R3	13/06/2003	12/03/2004	100%	<a href="#">Items History</a>	Telefónica	-		
##	1758	21007	FS on Uplink enhancements for UTRA TDD	RInImp-FSUpEnhTDI	2	Rel-6	R1	06/06/2003	14/03/2005	100%	<a href="#">Study Items</a>	Interdigital	-		
##	1759	24005	FS on UE antenna efficiency test methods performance requirements (2)	RInImp-UEAnTM2	2	Rel-6	R4	08/03/2002	06/09/2002	100%	<a href="#">Items History</a>	Allgon	The RInImp-UEAnTM FS was re-oper		
##	####	23006	<a href="#">Deleted - FS on the evolution of the UTRAN architecture</a>	RANimp-FSEvo	2	Rel-6	R3	09/09/2002	14/12/2004	100%	<a href="#">Study Items</a>	Nokia	Study Closed, work will continue withi		
##	1761	20003	<b>FDD Enhanced Uplink</b>	EDCH	1	Rel-6	RP	15/03/2004	14/09/2007	100%	<a href="#">Work Items</a>	Ericsson	-		
##	1762	20004	FDD Enhanced Uplink - Stage 2	EDCH-Stage2	2	Rel-6	R2	15/03/2004	14/12/2004	100%	<a href="#">N Work Items</a>	-	-		
##	1763	20005	FDD Enhanced Uplink - Physical Layer	EDCH-Phys	2	Rel-6	R1	15/03/2004	14/03/2005	100%	<a href="#">N Work Items</a>	Nokia	-		

ID	ID	Jnique_IC	Name	Acronym	utili _eve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes	Qtr 3, 2011	
														May	Jul
##	1764	20006	FDD Enhanced Uplink - Layer 2 and 3 Protocol Aspects	EDCH-L23	2	Rel-6	R2	15/03/2004	14/03/2005	100%	<a href="#">N Work Items</a>	Ericsson	-		
##	1765	20007	FDD Enhanced Uplink - UTRAN lub/lur Protocol Aspects	EDCH-lurlub	2	Rel-6	R3	15/03/2004	14/03/2005	100%	<a href="#">N Work Items</a>	Nortel	-		
##	1766	20008	FDD Enhanced Uplink - RF Radio Transmission/ Reception, System Perf	EDCH-RF	2	Rel-6	R4	15/03/2004	24/06/2004	100%	<a href="#">N Work Items</a>	Ericsson	-		
##	1767	25003	Conformance Test Aspects – FDD Enhanced Uplink	EDCH_Test	2	Rel-6	R5	03/06/2005	14/09/2007	100%	<a href="#">5 Work Items</a>	Ericsson	-		
##	1768	20008	FDD Enhanced Uplink - RF Radio Transmission/ Reception, System Perf	EDCH-RF	2	Rel-6	R4	15/03/2004	14/09/2005	100%	<a href="#">N Work Items</a>	Ericsson	-		
##	1769	9	Rel-6 RAN improvements	RANimp	1	Rel-6	RP,S5	09/09/2002	14/03/2005	100%	<a href="#">J Work Items</a>	-	Generic feature		
##	1770	624	RAB support enhancement	RANimp-RABSE	2	Rel-6	R2	14/03/2003	14/03/2005	100%	<a href="#">J Work Items</a>	Nokia	building block without particular e		
##	1771	21008	Optimization of downlink channelisation code utilisation	RANimp-RABSE-Cod	3	Rel-6	R1	12/03/2004	14/03/2005	100%	<a href="#">N Work Items</a>	Nortel	-		
##	1772	21009	optimization of channelisation code utilisation for 3.84 Mcps TDD	RANimp-RABSE-Cod	3	Rel-6	R1	15/03/2004	14/03/2005	100%	<a href="#">Items History</a>	IPWireless	WIDS modified in RP#26, RP-040551		
##	1773	20013	HS-DPCCH ACK/NACK Enhancement	RANimp-RABSE-ACK	3	Rel-6	R1	15/09/2004	14/12/2004	100%	-	Nokia	Approved at RP#25 as RP-040390		
##	#####	23009	Deleted - lu enhancements for IMS support in RAN	RANimp-RABSE-luEi	3	Rel-6	R3	14/03/2003	03/06/2004	100%	<a href="#">Items History</a>	Nortel	Closed RP#24 due to the lack of prog		
##	#####	23005	Deleted - Improvement of RRM across RNS and RNS/BSS	RANimp-RRM1	3	Rel-6	R3	05/12/2003	05/12/2003	100%	<a href="#">V Work Items</a>	Nokia	abandoned RP-23		
##	1776	20999	Beamforming Enhancements	RANimp-BFE	2	Rel-6	R1	19/09/2003	19/12/2003	100%	<a href="#">Items History</a>	Nokia	-		
##	1777	23012	Rel6 RRM optimization for lur and lub	RANimp-RRMopt	2	Rel-6	R3	19/09/2003	12/03/2004	100%	<a href="#">J Work Items</a>	Ericsson	-		
##	1778	23014	Improved access to UE measurement data for CRNC to support TD	RANimp-RRMopt-UE	3	Rel-6	R3	19/09/2003	12/03/2004	100%	<a href="#">Items History</a>	Interdigital	-		
##	1779	23010	Remote Control of Electrical Tilting Antennas	RANimp-TiltAnt	2	Rel-6	R3,S5	14/03/2003	16/09/2004	100%	<a href="#">J Work Items</a>	Vodafone	-		
##	1780	23015	Tilting Antenna - RAN aspects	RANimp-TiltAnt	3	Rel-6	R3	14/03/2003	14/09/2004	100%	<a href="#">N Work Items</a>	Vodafone	Finished at RP#25		
##	1781	35023	OAM&P impacts	RANimp-TiltAnt-OAM	3	Rel-6	S5	27/02/2004	16/09/2004	100%	<a href="#">S5-048270</a>	Vodafone	SP#25 09/2004 completed		
##	1782	23011	Network Assisted Cell Change (NACC) from UTRAN to GERAN - networ	RANimp-NACC	2	Rel-6	R3	09/09/2002	15/06/2004	100%	<a href="#">Items History</a>	Vodafone	-		
##	1783	32023	Location Services enhancements 2	LCS2	1	Rel-6	S2,S5,N4,I	15/01/2001	16/12/2004	100%	<a href="#">SP-030127</a>	-	-		
##	1784	32024	Improvement on Le interface	LCS2	2	Rel-6	S2	17/06/2002	15/12/2004	100%	-	-	-		
##	1785	32051	Stage 2	LCS2	3	Rel-6	S2	17/06/2002	22/09/2003	100%	-	-	-		
##	1786	32053	Stage 3 - impacts MLP (Mobile Location Protocol)	LCS2	3	Rel-6	OMA	01/01/2004	15/12/2004	100%	-	-	Updated according to SP-040232		
##	1787	32001	Enhanced support for anonymity and user privacy	LCS2	2	Rel-6	S2	08/07/2002	15/12/2004	100%	-	-	-		
##	1788	32047	Stage 2	LCS2	3	Rel-6	S2	08/07/2002	27/06/2003	100%	-	-	-		
##	1789	32054	Stage 3 - impacts MLP and RLP	LCS2	3	Rel-6	OMA	01/01/2004	15/12/2004	100%	-	-	Updated according to SP-040232		
##	1790	32025	Enhanced inter-GMLC interface	LCS2	2	Rel-6	S2	24/06/2002	15/12/2004	100%	-	-	-		
##	1791	32048	Stage 2	LCS2	3	Rel-6	S2	24/06/2002	05/09/2003	100%	-	-	-		
##	1792	32055	Stage 3 - definition of RLP and PCP	LCS2	3	Rel-6	OMA	01/01/2004	15/12/2004	100%	-	-	Updated according to SP-040232		
##	1793	32012	Location Services support for IMS public identities	LCS2	2	Rel-6	S2	24/02/2003	15/12/2004	100%	-	-	-		
##	1794	32049	Stage 2	LCS2	3	Rel-6	S2	24/02/2003	23/01/2004	100%	-	-	-		
##	1795	32056	Stage 3 - impacts MLP, RLP and PCP	LCS2	3	Rel-6	OMA	01/01/2004	15/12/2004	100%	-	-	Updated according to SP-040232		
##	1796	32026	New area event for location service triggering reports	LCS2	2	Rel-6	S2	03/06/2002	15/12/2004	100%	-	-	-		
##	1797	32050	Stage 2	LCS2	3	Rel-6	S2	03/06/2002	27/06/2003	100%	-	-	-		
##	1798	14015	Stage 3 for UE-CN signalling	LCS2	3	Rel-6	N4	09/10/2003	31/08/2004	100%	-	-	31/10/2003 work has started. Current		
##	1799	32057	Stage 3 - impacts MLP, RLP and PCP	LCS2	3	Rel-6	OMA	01/01/2004	15/12/2004	100%	-	-	Updated according to SP-040232		
##	1800	20001	UE positioning	LCS2-UEPos	2	Rel-6	RP	15/01/2001	14/09/2004	100%	-	-	-		
##	1801	2475	Open SMLC-SRNC Interface within the UTRAN to support UTRAN I	LCS-Rel4Pos	3	Rel-6	R2	15/01/2001	19/09/2003	100%	<a href="#">Items History</a>	Siemens	-		
##	1802	24012	A-GPS minimum performance specification	LCS-UEPos-AGPSPe	3	Rel-6	R4	06/06/2003	14/09/2004	100%	<a href="#">N Work Items</a>	AT&T Wireles	Finished at RP#25		
##	1803	22002	FS on Enhancements to OTDOA Positioning using advanced blanki	LCS2-UEPos-FSBlan	3	Rel-6	R2	01/07/2002	19/09/2003	100%	<a href="#">Items History</a>	Cambridge Pi	-		
##	#####	2457	Deleted - UE positioning enhancements - other methods	LCS2-UEPos-enh	3	Rel-6	R2	26/09/2003	26/09/2003	100%	<a href="#">V Work Items</a>	Siemens	building block without particular end d		
##	1805	35035	LCS charging	LCS2-CH	2	Rel-6	S5	21/03/2003	16/12/2004	100%	<a href="#">SP-040778</a>	France Teleco	SP#26 12/2004 completed		
##	1806	1571	Rel-6 Security enhancements	SEC1	1	Rel-6	S3	03/01/2001	26/11/2004	100%	<a href="#">SP-000421</a>	Vodafone	Added BB UE authentication and r		

Page 42

ID	ID	Unique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	1807	2026	Enhanced HE control of security (including positive authentication	SEC1	2	Rel-6	S3	03/01/2001	25/09/2003	100%	<a href="#">SP-000421</a>	Vodafone	Added by SP-000575 without any d		
##	#####	2027	Deleted - SEC1 Stage 2 (Enhanced HE control of security)	SEC1	3	Rel-6	S3	03/01/2001	14/06/2002	100%	-	-	New end date and correct Release to		
##	1809	33006	Network domain security	SEC1-NDS	3	Rel-6	S3	17/06/2002	25/09/2003	100%	<a href="#">SP-000513</a>	Telenor	WID approved for Rel-6 at SP#17. C		
##	1810	33007	IP network layer security (NDS/IP)	SEC1-NDS-IP	4	Rel-6	S3	17/06/2002	25/09/2003	100%	-	-	Should be complete after SA3#27. Cc		
##	1811	33017	Network Domain Security; Authentication Framework (NDS/AF)	SEC1-NDS-AF	2	Rel-6	S3	15/02/2002	13/02/2004	100%	<a href="#">SP-030108</a>	Nokia	WID approved SP#19. Work started i		
##	1812	33019	Key Management of group keys for Voice Group Call Services	SECGKYV	2	Rel-6	S3	26/09/2003	26/11/2004	100%	<a href="#">SP-030491</a>	Vodafone	Approved TSG#21. Completed 2004-		
##	1813	32021	IMS Phase 2	IMS2	1	Rel-6	S1,S2,S3,S4	28/08/2000	14/09/2007	100%	-	-	Not yet available: verbally approve		
##	1814	14014	Enhancements to the Cx and Sh interfaces	IMS2-CCR	2	Rel-6	N4	06/06/2003	31/08/2004	100%	<a href="#">NP-030229</a>	-	Shared public user identities need to i		
##	1815	25009	Conformance Test Aspects – IMS Call Control Rel-6 enhancements	IMS2_CCR_Test	2	Rel-6	R5	10/03/2006	14/09/2007	100%	<a href="#">5_Work_Items</a>	Ericsson	-		
##	1816	31025	IMS Group Management	IMSGM	2	Rel-6	S1	14/03/2002	08/12/2004	100%	<a href="#">SP-020065</a>	Nokia	-		
##	1817	31026	Stage 1 - TS on IMS group management	IMSGM	3	Rel-6	S1	14/03/2002	09/12/2002	100%	-	Nokia	-		
##	1818	32036	Stage 2	IMSGM	3	Rel-6	S2	26/05/2003	31/12/2003	100%	-	-	-		
##	1819	11036	Stage 3 for IMS Group management (e.g. chat)	IMSGM	3	Rel-6	N1	13/12/2002	08/12/2004	100%	<a href="#">NP-040494</a>	Lucent	Depends on CN decision on CPCP in		
##	1820	11037	IMS Conferencing	-	2	Rel-6	N1	04/11/2002	08/12/2004	100%	-	-	-		
##	1821	32037	Stage 2	-	3	Rel-6	S2	04/11/2002	31/12/2003	100%	-	-	-		
##	1822	32038	Stage 3	-	3	Rel-6	N1	13/12/2002	08/12/2004	100%	<a href="#">NP-040494</a>	Lucent	Depends on CN decision on IETF def		
##	1823	31022	IMS Messaging	IMSM	2	Rel-6	S1	14/03/2002	30/12/2005	100%	<a href="#">SP-020065</a>	Nokia	-		
##	1824	31023	TR on support of messaging in the IMS	IMSM-TR	3	Rel-6	S1	14/03/2002	09/12/2002	100%	<a href="#">SP-020065</a>	Nokia	-		
##	1825	31034	Stage 1 22.340	IMSM-TS	3	Rel-6	S1	11/11/2002	11/12/2002	100%	<a href="#">SP-020065</a>	Nokia	-		
##	1826	31033	CRs to 22.140 & 22.228	IMSM-CR	3	Rel-6	S1	14/03/2002	17/03/2003	100%	<a href="#">SP-020065</a>	Nokia	-		
##	1827	32700	Stage 2	IMSM	3	Rel-6	S2	04/11/2002	31/08/2004	100%	-	-	-		
##	1828	11039	Stage 3 for IMS Messaging	IMSM	3	Rel-6	N1	13/12/2002	08/12/2004	100%	<a href="#">NP-040494</a>	Lucent	-		
##	1829	60001	SIP/SIMPLE Instant messaging	-	3	Rel-6	OMA	01/01/2004	30/12/2005	100%	-	-	Updated according to SP-040232		
##	1830	11040	Additional SIP Capabilities support not covered by Rel-5	-	2	Rel-6	N1	11/11/2002	17/06/2005	100%	-	-	-		
##	1831	32041	Stage 2 for add SIP cap (e.g. forking)	-	3	Rel-6	S2	11/11/2002	20/02/2004	100%	-	-	-		
##	1832	32042	Stage 3 for Additional SIP Capabilities	-	3	Rel-6	N1	13/12/2002	08/09/2004	100%	<a href="#">NP-040494</a>	Lucent	-		
##	1833	11052	Procedured associated with IMS-ALG	-	3	Rel-6	N1	06/09/2004	17/06/2005	100%	-	-	-		
##	1834	11041	Review additional SIP Capabilities against IMS	-	2	Rel-6	N1	13/12/2002	08/09/2004	100%	<a href="#">NP-040494</a>	Lucent	-		
##	1835	2048	Interworking between IMS and IP networks	IMS-CCR-IWIP	2	Rel-6	N3	28/08/2000	08/12/2004	100%	<a href="#">NP-020091</a>	BT	[DAB 14.02.02] - end date pushed t		
##	1836	13004	Interworking for 3GPP_SIP and IETF_SIP	-	3	Rel-6	N3	28/08/2000	13/06/2003	100%	-	Siemens	[DAB - 20.08.03] - CN Part of TR Con		
##	1837	13005	Interworking for IPv6 to IPv4	-	3	Rel-6	N3	28/08/2000	08/12/2004	100%	-	-	-		
##	1838	11044	Interworking for IPv6 to IPv4 (SIP / SDP aspects)	-	3	Rel-6	N1	11/05/2004	08/09/2004	100%	-	-	-		
##	1839	11017	stage 3 of interworking with non-IMS IP networks	-	3	Rel-6	N1	14/03/2001	08/09/2004	100%	-	-	-		
##	1840	2047	Interworking between IMS and CS networks	IMS-CCR-IWCS	2	Rel-6	N3	28/08/2000	18/03/2004	100%	<a href="#">NP-030292</a>	Vodafone	[DAB - 25.05.04] - CN3 consider this		
##	1841	14001	Mn interface (IM-MGW to MGCF) enhancements (CN4 Part)	IMS-CCR-Mn	2	Rel-6	N4	07/08/2001	01/09/2004	100%	-	-	TISPAN issue is open		
##	1842	31036	Study of subscriber and operators relationship in IMS and related ISIM re	-	2	Rel-6	S1	15/11/2002	12/12/2002	100%	-	Nokia	-		
##	1843	33012	Lawful Interception in the 3GPP Rel-6 architecture	SEC1-LI	2	Rel-6	S3	09/12/2002	18/12/2003	100%	<a href="#">SP-030106</a>	Reg TP	-		
##	1844	31042	IMS Subscription and access scenarios	-	2	Rel-6	S1	16/12/2002	13/06/2003	100%	-	TeliaSonera	-		
##	1845	35032	IMS charging	IMS2-CH	2	Rel-6	S5	21/03/2003	16/12/2004	100%	<a href="#">SP-030049</a>	Ericsson	SP#26 12/2004 completed		
##	1846	11051	IMS Management objects	-	2	Rel-6	N1	03/09/2004	04/11/2005	100%	<a href="#">NP-040494</a>	-	-		
##	#####	32027	Deleted - Stage 2 of IMS Phase 2	IMS2	2	Rel-6	S2	19/09/2003	19/09/2003	100%	<a href="#">SP-020544</a>	-	-		
##	1848	32063	3GPP Enablers for services like Push to Talk over C	PoC	1	Rel-6	S2,S4,S5	08/09/2003	09/06/2005	100%	<a href="#">SP-030384</a>	Ericsson	-		
##	1849	32068	Feasibility Study	PoC	2	Rel-6	S2	08/09/2003	30/11/2004	100%	<a href="#">SP-030384</a>	Ericsson	-		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	1850	60002	Dependencies on OMA PoC	PoC	2	Rel-6	OMA	01/01/2004	28/02/2005	100%	-	-	Updated according to SP-040232		
##	1851	34029	Selection of one or more PoC codec(s) for PoC	PoC	2	Rel-6	S4	13/09/2004	16/12/2004	100%	-	-	Completed		
##	1852	35036	PoC charging	PoC-CH	2	Rel-6	S5	27/09/2004	09/06/2005	100%	<a href="#">SP-050032</a>	Siemens	SP#28 06/2005 completed		
##	1853	32062	<a href="#">Study on Interworking aspects and migration scenar</a>	IPv4IMS	1	Rel-6	S2	08/09/2003	25/06/2004	100%	<a href="#">SP-040327</a>	Siemens	-		
##	1854	11032	<a href="#">Interoperability and Commonality between IMS usin</a>	IMSCOOP	1	Rel-6	S2	16/09/2002	12/12/2003	100%	-	-	-		
##	1855	32028	Stage 2 for Interoperability	IMSCOOP	2	Rel-6	S2	16/09/2002	30/09/2003	100%	<a href="#">SP-020543</a>	Nokia	No contributions assumed that no mo		
##	1856	32061	Stage 2 for commonality	IMSCOOP	2	Rel-6	S2	16/09/2002	19/09/2003	100%	<a href="#">SP-020543</a>	Nokia	-		
##	1857	11033	Stage 3	IMSCOOP	2	Rel-6	N1	14/10/2002	12/12/2003	100%	<a href="#">NP-020572</a>	Lucent	-		
##	1858	1365	<a href="#">Support of Push Services</a>	PUSH	1	Rel-6	S1	03/01/2001	27/02/2004	100%	<a href="#">SP-000669</a>	NTT Comwa	Changed from FS to actual suppor		
##	1859	31004	Stage 1	PUSH	2	Rel-6	S1	03/01/2001	14/06/2002	100%	-	-	-		
##	1860	32701	TR 23.976 on Push Architecture	PUSH	2	Rel-6	S2	11/11/2002	27/02/2004	100%	<a href="#">SP-030126</a>	Research In I	-		
##	1861	42009	<a href="#">Multimedia Messaging (MMS) enhancements</a>	MMS6	1	Rel-6	T2,S1,S4,S	15/08/2002	07/12/2005	100%	<a href="#">TP-030175</a>	Siemens	-		
##	1862	42010	<b>Definition of service requirements</b>	MMS6-SR	2	Rel-6	S1	15/11/2002	19/12/2003	100%	-	-	-		
##	1863	31031	Definition of service requirements charging	MMS6-SR	3	Rel-6	S1	15/11/2002	19/12/2003	100%	-	Siemens	-		
##	1864	42011	Technical realization	MMS6	2	Rel-6	T2	06/09/2002	10/12/2004	100%	-	Siemens	-		
##	1865	42012	OMA dependencies	MMS6	2	Rel-6	OMA	15/08/2003	29/04/2005	100%	-	-	-		
##	1866	42013	MMS formats and codecs	MMS6-Codec	2	Rel-6	S4	15/08/2002	07/12/2005	100%	-	Nokia	-		
##	1867	42014	Handling of private addressing schemes in MMS	MMS6	2	Rel-6	T2	10/12/2003	10/12/2004	100%	<a href="#">TP-030299</a>	T-Mobile	-		
##	1868	35034	MMS charging	MMS6-CH	2	Rel-6	S5	21/03/2003	16/09/2004	100%	<a href="#">SP-040778</a>	-	SP#25 09/2004 completed		
##	####	42015	<i>Deleted - FS Multiple MMS Relay/Server Architecture</i>	MMS6	2	Rel-6	T2	10/12/2004	10/12/2004	100%	<a href="#">TP-030301</a>	Telefónica M	originally it was intended to create a F		
##	1870	42005	<a href="#">Rel-6 MExE enhancements</a>	MEXE6	1	Rel-6	T2	08/03/2002	06/06/2003	100%	-	-	-		
##	1871	42006	MExE Rel-6 Improvements and Investigations	MEXE6-ENHANC	2	Rel-6	T2	08/03/2002	12/03/2003	100%	<a href="#">TP-020017</a>	TTPCom	-		
##	1872	42007	MExE Run-Time Independent Framework Feasibility Study	MEXE6-RTIF	2	Rel-6	T2	08/03/2002	06/06/2003	100%	<a href="#">TP-020086</a>	Nokia Siemer	-		
##	1873	2062	<a href="#">Subscription Management</a>	SuM	1	Rel-6	S5	20/09/2002	17/03/2005	100%	<a href="#">SP-040763</a>	T-Mobile	SP#27 03/2005 completed		
##	1874	2499	<a href="#">Presence Capability</a>	PRESNC	1	Rel-6	S1	19/03/2001	07/12/2005	100%	<a href="#">SP-010064</a>	Motorola	merged "Presence Service Enhanc		
##	1875	2501	Stage 1	PRESNC	2	Rel-6	S1	19/03/2001	18/07/2003	100%	-	-	-		
##	1876	2502	Stage 2	PRESNC	2	Rel-6	S2	12/09/2001	20/09/2002	100%	<a href="#">SP-010517</a>	Nokia	-		
##	1877	2503	Stage 3	PRESNC	2	Rel-6	N1	01/04/2002	08/12/2004	100%	<a href="#">NP-040492</a>	Lucent	Dependency to 2 IETF drafts, no kno		
##	1878	13018	Stage 3 (CN3 Part Pk interface)	PRESNC	2	Rel-6	N3	01/04/2002	11/03/2005	100%	-	-	No Contributions so far - only require		
##	1879	34025	Media Codecs and Formats for IMS Messaging and Presence	PRESNC-COFIMP	2	Rel-6	S4	12/06/2003	07/12/2005	100%	<a href="#">SP-030212</a>	Nokia	-		
##	1880	2504	Security issues	PRESNC	2	Rel-6	S3	26/08/2002	12/12/2002	100%	<a href="#">SP-020514</a>	-	LSs handled in SA3. WID approved S		
##	1881	60003	SIMPLE Presence	PRESNC	2	Rel-6	OMA	01/01/2004	31/03/2005	100%	-	-	Updated according to SP-040232		
##	1882	50056	<a href="#">Enhanced A/Gb feasibility study</a>	AGbEnFS	1	Rel-6	GP	30/08/2002	08/11/2002	100%	<a href="#">GP-022565</a>	Vodafone	-		
##	1883	50057	<b>Feasibility study on A/Gb enhancements</b>	AGbEnFS-FS	2	Rel-6	G2	30/08/2002	08/11/2002	100%	<a href="#">GP-022565</a>	Vodafone	-		
##	1884	50080	Requirements for the support of conversational services	AGbEnFS-FS	3	Rel-6	GP	30/08/2002	08/11/2002	100%	-	-	-		
##	1885	50084	Identification of the different building blocks for the provision of conv	AGbEnFS-FS	3	Rel-6	GP	30/08/2002	08/11/2002	100%	-	-	-		
##	1886	50093	Outline of impact and feasibility of these building blocks and their dif	AGbEnFS-FS	3	Rel-6	GP	30/08/2002	08/11/2002	100%	-	-	-		
##	1887	50081	Impact on 3GPP architecture and requirement to co-ordinatg with c	AGbEnFS-FS	3	Rel-6	GP	30/08/2002	08/11/2002	100%	-	-	-		
##	1888	50082	Standardisation effort	AGbEnFS-FS	3	Rel-6	GP	30/08/2002	08/11/2002	100%	-	-	-		
##	1889	50083	Dependency to other features	AGbEnFS-FS	3	Rel-6	GP	30/08/2002	08/11/2002	100%	-	-	-		
##	1890	50063	<a href="#">Flexible Layer One for GERAN</a>	FLOGGER	1	Rel-6	GP	03/01/2000	25/06/2004	100%	<a href="#">GP-021018</a>	Nokia	-		
##	1891	50064	<b>Realisation of a Flexible Layer One</b>	FLOGGER-Real	2	Rel-6	GP	03/01/2000	23/04/2004	100%	<a href="#">GP-021019</a>	Nokia	-		
##	1892	50065	Technical Report	FLOGGER-Real	3	Rel-6	GP	19/04/2002	06/02/2004	100%	-	-	-		



ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	1893	51002	Architecture in 45.001 and 43.051	FLOGER-Real	3	Rel-6	G1	19/04/2002	23/04/2004	100%	-	-	-		
##	1894	51003	Multiplexing in 45.002	FLOGER-Real	3	Rel-6	G1	19/04/2002	23/04/2004	100%	-	-	-		
##	1895	51004	Channel Coding in 45.003	FLOGER-Real	3	Rel-6	G1	19/04/2002	23/04/2004	100%	-	-	-		
##	1896	51005	Performance Requirements in 45.005	FLOGER-Real	3	Rel-6	G1	03/01/2000	23/04/2004	100%	-	-	-		
##	1897	51006	Radio subsystem link control in 45.008	FLOGER-Real	3	Rel-6	G1	19/04/2002	23/04/2004	100%	-	-	-		
##	1898	52071	Requirements in 44.004	FLOGER-Real	3	Rel-6	G2	19/04/2002	23/04/2004	100%	-	-	-		
##	1899	52072	<b>Signalling and protocol support for a Flexible Layer One</b>	<b>FLOGER-SigPro</b>	<b>2</b>	<b>Rel-6</b>	<b>G2</b>	<b>19/04/2002</b>	<b>25/06/2004</b>	<b>100%</b>	<a href="#">GP-021020</a>	Nokia	-		
##	1900	52073	Modifications to RLC/MAC in 44.060 and 44.160	FLOGER-SigPro	3	Rel-6	G2	19/04/2002	25/06/2004	100%	-	-	-		
##	1901	52074	Modifications to RRC in 44.118 and 44.018	FLOGER-SigPro	3	Rel-6	G2	19/04/2002	25/06/2004	100%	-	-	-		
##	1902	52075	<b>Security for a Flexible Layer One</b>	<b>FLOGER-SecFLO</b>	<b>2</b>	<b>Rel-6</b>	<b>S3, G2</b>	<b>19/04/2002</b>	<b>29/08/2003</b>	<b>100%</b>	<a href="#">GP-021021</a>	Nokia	-		
##	1903	52076	Ciphering in 44.160,44.118, 44.060 and 44.018	FLOGER-SecFLO	3	Rel-6	S3, G2	19/04/2002	29/08/2003	100%	-	-	-		
##	#####	55077	<i>Deleted - GERAN MS Conformance test for the Flexible Layer One - DE</i>	<i>FLOGER-Msconf</i>	<i>2</i>	<i>Rel-6</i>	<i>G4,G5</i>	<i>06/02/2004</i>	<i>06/02/2004</i>	<i>100%</i>	<a href="#">GP-021022</a>	Nokia	-		
##	#####	55078	<i>Deleted at TSG #27 - MS Test in 51.010</i>	<i>FLOGER-Msconf</i>	<i>3</i>	<i>Rel-6</i>	<i>G4,G5</i>	<i>06/02/2004</i>	<i>06/02/2004</i>	<i>100%</i>	-	-	-		
##	#####	55079	<i>Deleted - GERAN BTS Conformance test for the Flexible Layer One - DE</i>	<i>FLOGER-BTSconf</i>	<i>2</i>	<i>Rel-6</i>	<i>G3new</i>	<i>06/02/2004</i>	<i>06/02/2004</i>	<i>100%</i>	<a href="#">GP-021023</a>	Nokia	-		
##	#####	53080	<i>Deleted at TGS #27 - BTS Test in 51.021 - DELETE</i>	<i>FLOGER-BTSconf</i>	<i>3</i>	<i>Rel-6</i>	<i>G3new</i>	<i>06/02/2004</i>	<i>06/02/2004</i>	<i>100%</i>	-	-	-		
##	1908	50041	<b>Uplink TDOA feasibility study</b>	TDOAF	1	Rel-6	GP	30/11/2001	28/06/2002	100%	<a href="#">GP-012794</a>	TruePosition	-		
##	1909	2544	<b>Multimedia Broadcast and Multicast Service</b>	<b>MBMS</b>	<b>1</b>	<b>Rel-6</b>	<b>S1,S2,S4,S</b>	<b>11/05/2001</b>	<b>07/03/2008</b>	<b>100%</b>	-	-	<b>Title renamed at SP#13</b>		
##	1910	2545	Stage 1	MBMS	2	Rel-6	S1	11/05/2001	01/04/2002	100%	-	-	This may or may not be a separate st		
##	1911	32002	<b>Stage 2</b>	<b>MBMS</b>	<b>2</b>	<b>Rel-6</b>	<b>S2</b>	<b>24/09/2001</b>	<b>17/03/2004</b>	<b>100%</b>	<a href="#">SP-010516</a>	-	-		
##	1912	32702	TR on Architectural Study	MBMS	3	Rel-6	S2	24/09/2001	23/08/2002	100%	-	-	-		
##	1913	32703	Stage 2 Specification Work	MBMS	3	Rel-6	S2	19/08/2002	17/03/2004	100%	-	-	-		
##	1914	2481	<b>Introduction of MBMS in RAN</b>	<b>MBMS-RAN</b>	<b>2</b>	<b>Rel-6</b>	<b>R2</b>	<b>01/01/2002</b>	<b>14/09/2005</b>	<b>100%</b>	<a href="#">Work Items</a>	Nokia	-		
##	1915	20022	Introduction of MBMS in RAN (physical & upper layers, access netw	MBMS-RAN	3	Rel-6	R2	01/01/2002	14/12/2004	100%	-	Nokia	Was "Introduction of MBMS in RAN"		
##	1916	20020	UE Performance Requirements for MBMS	MBMS-RAN-RF	3	Rel-6	R4	15/09/2004	14/09/2005	100%	<a href="#">N Work Items</a>	Ericsson	Approved at RP#25 as RP-040370		
##	1917	11030	Support of the MBMS in CN protocols	MBMS	2	Rel-6	N1	18/06/2002	08/12/2004	100%	<a href="#">NP-040493</a>	-	-		
##	1918	13015	Gmb interface for MBMS (CN3 part)	MBMS	2	Rel-6	N3	29/08/2003	08/12/2004	100%	-	-	-		
##	1919	33008	Security Aspects of MBMS	MBMS	2	Rel-6	S3	01/07/2002	18/03/2005	100%	<a href="#">SP-020514</a>	3	WID approved SP#17. 2004-12: Expe		
##	1920	50085	<b>Support of MBMS in GERAN</b>	<b>MBMS-GERAN</b>	<b>2</b>	<b>Rel-6</b>	<b>GP</b>	<b>30/08/2001</b>	<b>28/01/2005</b>	<b>100%</b>	<a href="#">GP-022566</a>	-	-		
##	1921	50086	Impact on the logical and physical channels	MBMS-GERAN	3	Rel-6	GP	30/08/2002	28/01/2005	100%	-	-	-		
##	1922	52085	Re-synchronisation at cell change	MBMS-GERAN	3	Rel-6	G2	30/08/2002	28/01/2005	100%	-	-	-		
##	1923	50098	Simultaneous support of MBMS services	MBMS-GERAN	3	Rel-6	GP	30/08/2002	28/01/2005	100%	-	-	-		
##	1924	50099	Simultaneous support of MBMS and non-MBMS services	MBMS-GERAN	3	Rel-6	GP	30/08/2001	28/01/2005	100%	-	-	-		
##	1925	50100	Resynchronisation at cell change	MBMS-GERAN	3	Rel-6	GP	30/08/2001	28/01/2005	100%	-	-	-		
##	1926	50087	Decision making process between point-to-point or pont-to-multipoin	MBMS-GERAN	3	Rel-6	GP	30/08/2002	28/01/2005	100%	-	-	-		
##	1927	50088	MBMS channel allocations procedures to multiple MSs	MBMS-GERAN	3	Rel-6	GP	30/08/2002	28/01/2005	100%	-	-	-		
##	1928	50089	Changes to the Gb interface	MBMS-GERAN	3	Rel-6	GP	30/08/2002	28/01/2005	100%	-	-	-		
##	1929	50090	GERAN specific changes to the lu-ps interface	MBMS-GERAN	3	Rel-6	GP	30/08/2002	28/01/2005	100%	-	-	-		
##	1930	50091	Interaction between MBMS and lu-flex	MBMS-GERAN	3	Rel-6	GP	30/08/2002	28/01/2005	100%	-	-	-		
##	1931	50092	Security aspects	MBMS-GERAN	3	Rel-6	GP	30/08/2002	28/01/2005	100%	-	-	-		
##	1932	53081	MBMS-GERAN - MS conformance tests	MBMS-GERAN	3	Rel-6	G3new	25/01/2002	28/01/2005	100%	-	-	-		
##	#####	55091	<i>Deleted - MS conformance tests - G5</i>	<i>MBMS-GERAN</i>	<i>3</i>	<i>Rel-6</i>	<i>G5</i>	<i>27/06/2003</i>	<i>27/06/2003</i>	<i>100%</i>	-	-	-		
##	1934	31045	<b>MBMS User Services</b>	<b>MBMS</b>	<b>2</b>	<b>Rel-6</b>	<b>S1</b>	<b>13/05/2003</b>	<b>16/03/2006</b>	<b>100%</b>	-	-	-		
##	1935	31044	MBMS User Services Stage 1	MBMS	3	Rel-6	S1	13/05/2003	01/04/2004	100%	-	-	-		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	1936	34026	Definition of MBMS user services, media codecs, formats and trans	MBMS-TSMBMS	3	Rel-6	S4	12/06/2003	16/03/2006	100%	<a href="#">SP-030674</a>	Nokia	TR26.946 tbc by March 06		
##	1937	35038	MBMS charging	MBMS-CH	2	Rel-6	S5	11/01/2005	09/06/2005	100%	<a href="#">SP-040779</a>	-	SP#28 06/2005 completed		
##	1938	25024	<b>MBMS UE Conformance Testing</b>	<b>MBMS-UEConTest</b>	<b>2</b>	<b>Rel-6</b>	<b>R5,T1</b>	<b>10/03/2006</b>	<b>07/03/2008</b>	<b>100%</b>	<b><a href="#">i Work Items</a></b>	-	<b>BB place holder for a number of R</b>		
##	1939	25014	RF/RRM Conformance Test Aspects – MBMS (FDD)	MBMS-RAN-RF_Tes	3	Rel-6	R5,T1	02/06/2006	07/03/2008	100%	<a href="#">5 Work Items</a>	Ericsson	TS 34.109 is under RAN2; RAN5 nee		
##	1940	25022	Conformance Test Aspects - MBMS for 3.84 Mcps and 7.68 Mcps T	MBMS-UEConTest_T	3	Rel-6	R5,T1	20/09/2006	07/12/2007	100%	<a href="#">5 Work Items</a>	IPWireless	-		
##	1941	25023	Signalling Conformance Test Aspects – MBMS for LCR TDD	MBMS-UEConTest_E	3	Rel-6	R5,T1	20/09/2006	07/12/2007	100%	<a href="#">5 Work Items</a>	DATANG	-		
##	1942	25011	Conformance Test Aspects – MBMS	MBMS_Test	3	Rel-6	R5,T1	10/03/2006	14/09/2007	100%	<a href="#">5 Work Items</a>	Qualcomm	-		
##	1943	25038	Conformance Test Aspects - 1.28 Mcps TDD MBMS RF/RRM	MBMS-UEConTest_F	3	Rel-6	R5,T1	01/06/2007	07/12/2007	100%	<a href="#">5 Work Items</a>	Datang Mobil	-		
##	1944	31006	<b>Speech Recognition and Speech Enabled Services</b>	<b>SRSES</b>	<b>1</b>	<b>Rel-6</b>	<b>S1</b>	<b>08/10/2001</b>	<b>30/12/2005</b>	<b>100%</b>	<b><a href="#">SP-010572</a></b>	-	-		
##	1945	31007	Speech Enabled Services Based on Distributed Speech Recognition (DS	DSR	2	Rel-6	S1	08/10/2001	15/03/2002	100%	<a href="#">SP-010581</a>	Qualcomm	-		
##	1946	32999	TR on Architectural impacts	SRSES	2	Rel-6	S2	12/05/2003	02/03/2004	100%	-	-	-		
##	1947	34700	Codec Work to Support Speech Recognition Framework for Automated V	SRSES-Codec	2	Rel-6	S4	15/10/2002	16/12/2004	100%	<a href="#">SP-020687</a>	Motorola	-		
##	1948	60004	Multimodal support	SRSES	2	Rel-6	OMA	01/01/2004	30/12/2005	100%	-	-	-		
##	#####	11021	<i>Deleted - SES codec negotiation at Session Description Protocol (SDP)</i>	SRSES	2	Rel-6	N1	04/06/2003	04/06/2003	100%	-	-	Abandoned NP-23		
##	1950	31008	<b>Generic User Profile Rel-6</b>	<b>GUP</b>	<b>1</b>	<b>Rel-6</b>	<b>S1</b>	<b>08/10/2001</b>	<b>03/03/2005</b>	<b>100%</b>	<b><a href="#">SP-040515</a></b>	-	-		
##	1951	31009	Stage 1 - Requirements	GUP	2	Rel-6	S1	08/10/2001	30/05/2003	100%	-	T-Mobile	-		
##	1952	32008	Stage 2 - Architecture	GUP	2	Rel-6	S2	28/01/2002	06/06/2003	100%	<a href="#">SP-020539</a>	Nokia	-		
##	1953	42002	Stage 2 - Data Description Method	GUP	2	Rel-6	N4	05/12/2002	03/03/2005	100%	<a href="#">TP-020275</a>	T-Mobile	TR approved in CN#26		
##	1954	14008	Stage 3 - Network	GUP	2	Rel-6	N4	19/05/2003	03/03/2005	100%	-	-	-		
##	1955	33009	Security Aspects	GUP	2	Rel-6	S3	16/07/2002	18/09/2003	100%	<a href="#">SP-030109</a>	Lucent	WID approved SP#17. SA WG3 prog		
##	1956	31010	<b>Digital Rights Management</b>	<b>DRM</b>	<b>1</b>	<b>Rel-6</b>	<b>S1</b>	<b>08/10/2001</b>	<b>28/05/2004</b>	<b>100%</b>	<b><a href="#">SP-010577</a></b>	-	<b>Foreseen start and completion dat</b>		
##	1957	31011	Requirements	DRM	2	Rel-6	S1	08/10/2001	13/06/2002	100%	-	Openwave	-		
##	1958	60005	Stage 2	DRM	2	Rel-6	OMA	01/01/2004	28/05/2004	100%	-	-	-		
##	1959	60006	Stage 3	DRM	2	Rel-6	OMA	01/01/2004	28/05/2004	100%	-	-	-		
##	1960	33001	Security	DRM	2	Rel-6	OMA	17/06/2002	03/03/2003	100%	-	-	SA3 acknowledge role in WI at SA3#;		
##	#####	31037	<i>Deleted - Monitoring of Stages 2 and 3 progress (actual work to be done</i>	DRM	2	Rel-6	S1	21/03/2003	21/03/2003	100%	-	-	Replaced by UID 60005 and 60006		
##	1962	31012	<b>WLAN-UMTS Interworking Rel-6</b>	<b>WLAN</b>	<b>1</b>	<b>Rel-6</b>	<b>S1</b>	<b>03/01/2000</b>	<b>22/09/2005</b>	<b>100%</b>	<b><a href="#">SP-030712</a></b>	<b>Telenor</b>	-		
##	1963	31020	Technical Report	WLAN-TR	2	Rel-6	S1	03/01/2000	13/06/2003	100%	<a href="#">SP-030712</a>	T-mobile	-		
##	1964	31035	Stage 1	WLAN-TS	2	Rel-6	S1	06/01/2003	11/06/2004	100%	<a href="#">SP-030712</a>	Telenor	-		
##	1965	32018	Architecture Definition for scenarii 2 and 3	WLAN	2	Rel-6	S2	25/03/2002	31/05/2004	100%	<a href="#">SP-020542</a>	-	-		
##	1966	32704	Security	WLAN	2	Rel-6	S3	30/09/2002	21/03/2003	100%	<a href="#">SP-020514</a>	Ericsson	Active contribution S3#24, S3#25. WI		
##	1967	14013	Stage 3 - CN4 aspects	WLAN-IW	2	Rel-6	N4	23/05/2003	01/09/2004	100%	<a href="#">NP-030490</a>	Nokia	WID approved at CN#19		
##	1968	13019	Stage 3 - CN3 aspects (Wi Interface for Scenario 3)	WLAN	2	Rel-6	N3	23/05/2003	30/09/2004	100%	-	-	-		
##	1969	11042	Stage 3 for scenario 2	WLAN	2	Rel-6	N1	23/05/2003	08/09/2004	100%	<a href="#">NP-030490</a>	-	-		
##	1970	11047	Stage 3 for scenario 3	WLAN	2	Rel-6	N1	23/05/2003	08/12/2004	100%	-	-	-		
##	1971	35033	WLAN charging	WLAN-CH	2	Rel-6	S5	21/03/2003	22/09/2005	100%	<a href="#">SP-030048</a>	Nokia	SP#28: delayed 09/2005. WT also un		
##	1972	43010	USIM enhancements for WLAN Interworking	WLAN	2	Rel-6	T3	05/09/2003	04/03/2005	100%	<a href="#">TP-030185</a>	Axalto	-		
##	1973	31015	<b>Priority Service</b>	<b>PRIOR1</b>	<b>1</b>	<b>Rel-6</b>	<b>S1</b>	<b>30/05/2002</b>	<b>26/09/2003</b>	<b>100%</b>	<b><a href="#">SP-010523</a></b>	<b>Telcordia</b>	-		
##	1974	31016	Feasibility Study	PRIOR-FS	2	Rel-6	S1	14/06/2002	14/06/2002	100%	<a href="#">SP-010523</a>	Telcordia	-		
##	1975	31017	Stage 1 - Requirements	PRIOR-SR	2	Rel-6	S1	30/05/2002	17/09/2003	100%	<a href="#">SP-010523</a>	Telcordia	-		
##	1976	31043	Priority service implementation guide	PRIOR1	2	Rel-6	S1	28/03/2003	26/09/2003	100%	<a href="#">SP-010523</a>	Telcordia	-		
##	1977	31018	<b>Network Sharing</b>	<b>NTShar</b>	<b>1</b>	<b>Rel-6</b>	<b>S1,S2,N1,I</b>	<b>20/01/2003</b>	<b>10/03/2006</b>	<b>100%</b>	<b><a href="#">SP-010739</a></b>	<b>T-Mobile</b>	-		
##	1978	31019	Technical Report	NTShar-TR	2	Rel-6	S1	20/01/2003	19/12/2003	100%	<a href="#">SP-010739</a>	T-Mobile	-		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	1979	31038	Stage 1 - CRs to implement Network Sharing	NTSharCR	2	Rel-6	S1	20/01/2003	19/12/2003	100%	<a href="#">SP-010739</a>	T-Mobile	-		
##	1980	32044	Stage 2	NTShar	2	Rel-6	S2	27/02/2003	30/07/2004	100%	<a href="#">SP-030123</a>	T-Mobile	-		
##	1981	11043	Network sharing - stage 3	NTShar	2	Rel-6	N1	23/05/2003	08/12/2004	100%	<a href="#">NP-040429</a>	T-Mobile	-		
##	1982	22004	Enhancement of the support of network sharing in the UTRAN	NTShar-UTRANEnh	2	Rel-6	R2	19/09/2003	19/09/2003	100%	<a href="#">N_Work_Items</a>	TeliaSonera	-		
##	1983	25004	Conformance Test Aspects – Network Sharing	NTShar-UTRANEnh_	2	Rel-6	R5	11/03/2005	10/03/2006	100%	<a href="#">5_Work_Items</a>	TeliaSonera	-		
##	1984	32016	<b>QoS Improvements</b>	<b>QoS1</b>	1	Rel-6	<b>S2,N3</b>	<b>15/07/2002</b>	<b>08/12/2004</b>	<b>100%</b>	<a href="#">SP-010719</a>	Nokia	-		
##	1985	32017	FS on Dynamic Policy control enhancements for end-to-end QoS	QoS1	2	Rel-6	S2	15/07/2002	23/04/2004	100%	<a href="#">SP-020540</a>	Nortel	-		
##	1986	32059	Definition of the Gq interface	QoS1	2	Rel-6	S2	01/07/2003	23/04/2004	100%	<a href="#">SP-030306</a>	-	-		
##	1987	13016	Gq interface specification for Dynamic Policy control enhancements – Str	QoS1	2	Rel-6	N3	29/08/2003	08/12/2004	100%	<a href="#">NP-030198</a>	Nokia	[DAB - 25.05.04] - Delayed to Sept - f		
##	1988	33002	<b>Subscriber certificates</b>	<b>SEC1-SC</b>	1	Rel-6	<b>S3,S2,N1,I</b>	<b>25/02/2002</b>	<b>08/12/2004</b>	<b>100%</b>	<a href="#">SP-010622</a>	Nokia	<b>Approved at SP#14. May require BI</b>		
##	1989	32705	Stage 1	SEC1-SC	2	Rel-6	S3	25/02/2002	12/09/2002	100%	<a href="#">SP-010622</a>	Nokia	Contribution received S3#24, S3#25		
##	1990	32706	Architecture review	SEC1-SC	2	Rel-6	S2	14/10/2002	14/11/2002	100%	-	Nokia	-		
##	1991	14504	Stage 3	SEC1-SC	2	Rel-6	N4,T3	19/09/2003	30/11/2004	100%	<a href="#">NP-030399</a>	Nokia	Finished in CN4#26		
##	1992	11049	Stage 3 Ua & Ub interfaces	SEC1-SC	2	Rel-6	N1	03/11/2003	08/12/2004	100%	-	Nokia	-		
##	1993	60007	OMA dependencies on Subscriber certificates	SEC1-SC	2	Rel-6	OMA	01/01/2004	08/06/2004	100%	-	Nokia	Updated according to SP-040420		
##	1994	15010	<b>Rel-6 OSA enhancements</b>	<b>OSA3</b>	1	Rel-6	<b>N5</b>	<b>31/10/2002</b>	<b>10/03/2005</b>	<b>100%</b>	<a href="#">NP-040351</a>	Alcatel	<b>CN#25: Updated WID NP-040351 re</b>		
##	1995	31040	Scope of the Open Service Access Release 6	OSA3	2	Rel-6	S1	28/03/2003	27/06/2003	100%	<a href="#">SP-030038</a>	-	-		
##	1996	15038	OSA Stage 2	OSA3	2	Rel-6	N5	13/08/2004	10/03/2005	100%	-	-	Inherited by CN5 from SA2 at TSG#2:		
##	1997	15026	Multi Media Messaging function	OSA3	2	Rel-6	N5	31/10/2002	10/09/2004	100%	-	-	-		
##	1998	15028	Policy management extensions	OSA3	2	Rel-6	N5	31/10/2002	12/12/2003	100%	-	-	-		
##	1999	15029	TS on Presence and Availability Management (from the PRESNC WI)	OSA3	2	Rel-6	N5	31/10/2002	26/03/2004	100%	-	-	N5#26: Split WI into TS & TR.		
##	2000	15032	OSA interfaces at different levels of abstractions (Parlay X, Web services)	OSA3	2	Rel-6	N5	14/07/2003	10/09/2004	100%	-	-	-		
##	2001	15033	Introduction of migration support mechanism	OSA3	2	Rel-6	N5	31/10/2002	10/12/2003	100%	-	-	-		
##	2002	15036	Framework Function for Federation	OSA3	2	Rel-6	N5	03/02/2003	12/12/2003	100%	-	-	-		
##	2003	60008	OMA potential overlaps with 3GPP OSA Stage 3 (Web services)	OSA3	2	Rel-6	OMA	18/12/2003	16/09/2004	100%	-	-	TSG#25 Approved CN5 29.199 Parla		
##	#####	15037	<i>Deleted - TR on Presence and Availability Management (from the PRESN</i>	OSA3	2	Rel-6	N5	17/09/2004	17/09/2004	100%	-	-	N5#26:TR Completion 09/04; consist		
##	2005	50401	<b>Addition of frequency bands to GSM (TAPS)</b>	<b>TAPS</b>	1	Rel-6	<b>GP</b>	<b>28/06/2002</b>	<b>28/01/2005</b>	<b>100%</b>	<a href="#">GP-022072</a>	Nokia	-		
##	2006	50094	<b>Addition of frequency bands to GSM – Changes to core specs</b>	<b>TAPS-Specs</b>	2	Rel-6	<b>G1</b>	<b>15/11/2002</b>	<b>20/12/2002</b>	<b>100%</b>	<a href="#">GP-022073</a>	Nokia	-		
##	2007	51102	Changes to core specs	TAPS-Specs	3	Rel-6	G1	15/11/2002	20/12/2002	100%	<a href="#">GP-022073</a>	Nokia	-		
##	#####	54102	<i>Deleted - Addition of frequency bands to GSM – Changes for conforman</i>	<i>TAPS-Conf</i>	2	Rel-6	G4	28/06/2002	28/01/2005	100%	<a href="#">GP-022074</a>	Nokia	-		
##	#####	54103	<i>Deleted - 51.010-1 Add testing</i>	<i>TAPS-Conf</i>	3	Rel-6	G4	28/06/2002	28/01/2005	100%	<a href="#">GP-022074</a>	Nokia	-		
##	2010	50130	<b>Seamless support of streaming services in A/Gb mo</b>	<b>SSStrea</b>	1	Rel-6	<b>GP</b>	<b>03/01/2000</b>	<b>17/06/2005</b>	<b>100%</b>	<a href="#">GP-022561</a>	Vodafone	-		
##	2011	51131	<b>Identification of requirements for streaming</b>	<b>SSStrea</b>	2	Rel-6	<b>G1</b>	<b>27/06/2003</b>	<b>29/08/2003</b>	<b>100%</b>	<a href="#">GP-022564</a>	Vodafone	-		
##	2012	51133	Requirements	SSStrea	3	Rel-6	G1	27/06/2003	29/08/2003	100%	-	Vodafone	-		
##	2013	51132	<b>Performance study of cell change mechanisms</b>	<b>SSStrea</b>	2	Rel-6	<b>G1</b>	<b>03/01/2000</b>	<b>29/08/2003</b>	<b>100%</b>	<a href="#">GP-022562</a>	Vodafone	-		
##	2014	51134	Performance of NACC	SSStrea	3	Rel-6	G1	03/01/2000	29/08/2003	100%	-	Vodafone	-		
##	2015	51135	Performance of cell change in DTM for the PS domain	SSStrea	3	Rel-6	G1	03/01/2000	29/08/2003	100%	-	Vodafone	-		
##	2016	51136	Handover	SSStrea	3	Rel-6	G1	03/01/2000	29/08/2003	100%	-	Vodafone	-		
##	2017	52131	<b>Reduction of service interruption times and packet loss during mo</b>	<b>SSStrea</b>	2	Rel-6	<b>G2</b>	<b>27/06/2003</b>	<b>17/06/2005</b>	<b>100%</b>	<a href="#">GP-022563</a>	Vodafone	<b>Completed at GERP#17</b>		
##	2018	52133	optimizations of existing mechanisms/procedures	SSStrea	3	Rel-6	G2	27/06/2003	21/11/2003	100%	-	Vodafone	-		
##	2019	52134	Inter-system NACC	SSStrea	3	Rel-6	G2	27/06/2003	21/11/2003	100%	-	Vodafone	-		
##	2020	52135	PS Handover (within GERAN and between GERAN and UTRAN)	SSStrea	3	Rel-6	G2	27/06/2003	17/06/2005	100%	-	Vodafone	-		
##	2021	52136	Dependency to other features	SSStrea	3	Rel-6	G2	27/06/2003	21/11/2003	100%	-	Vodafone	-		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	####	54131	Deleted - MS conformance testing	SSStrea	2	Rel-6	G3new	19/12/2003	30/01/2004	100%	<a href="#">GP-023424</a>	Vodafone	Marked as stopped 10/2009		
##	####	54132	Deleted - MS conformance tests	SSStrea	3	Rel-6	G4,G5	19/12/2003	30/01/2004	100%	<a href="#">GP-023424</a>	Vodafone	Marked as stopped 10/2009		
##	2024	33013	GERAN A/Gb mode security enhancements	SSStrea	2	Rel-6	S3	26/09/2002	28/01/2005	100%	<a href="#">SP-030107</a>	Vodafone	Possible changes to 33.102 or new sj		
##	2025	34300	<b>Performance characterisation of default codecs for I</b>	CODCAR	1	Rel-6	S4	13/09/2002	10/06/2004	100%	<a href="#">SP-020433</a>	Nokia	-		
##	2026	31030	<b>Study on Privacy Capability</b>	PrivCap	1	Rel-6	S1	10/11/2003	03/03/2004	100%	<a href="#">SP-020579</a>	Lucent	-		
##	2027	35010	<b>Rel-6 Operations, Administration, Maintenance and I</b>	OAM	1	Rel-6	S5	12/09/2002	11/03/2005	100%	<a href="#">SP-040766</a>	Motorola	SP#26: Updated WID SP-040766 wa		
##	2028	35011	Principles, high level Requirements and Architecture	OAM-AR	2	Rel-6	S5	12/09/2002	16/09/2004	100%	<a href="#">SP-040767</a>	Motorola	SP#25 09/2004 completed		
##	2029	35012	Performance Management	OAM-PM	2	Rel-6	S5	12/09/2002	16/12/2004	100%	<a href="#">SP-040782</a>	Nortel	SP#26 12/2004 completed		
##	2030	35014	Network Infrastructure Management	OAM-NIM	2	Rel-6	S5	12/09/2002	16/12/2004	100%	<a href="#">SP-040789</a>	Ericsson	SP#26 12/2004 completed		
##	2031	35015	<b>Trace Management Rel-6</b>	OAM-Trace	2	Rel-6	S5	20/09/2002	11/03/2005	100%	<a href="#">SP-040782</a>	Nokia	SP#26 12/2004 SA5 completed 12/0		
##	2032	35022	Subscriber and UE trace management	OAM-Trace	3	Rel-6	S5	20/09/2002	16/12/2004	100%	-	Nokia	SP#26 12/2004 completed		
##	2033	23013	Subscriber and equipment trace in UTRAN	OAM-Trace-RAN	3	Rel-6	R3	06/06/2003	15/06/2004	100%	<a href="#">Items_History</a>	Nortel	-		
##	2034	14016	Trace Management, Stage3	OAM-Trace	3	Rel-6	N4	09/06/2004	11/03/2005	100%	<a href="#">NP-040411</a>	Nokia	-		
##	2035	35016	<b>Rel-6 Charging Management</b>	CH	1	Rel-6	S5	21/11/2002	09/06/2005	100%	<a href="#">SP-040773</a>	T-Mobile	SP#28 Target 09/2005 for WLAN Ch		
##	2036	35037	Charging architecture and principles	CH	2	Rel-6	S5	21/03/2003	16/09/2004	100%	-	-	SP#25 09/2004 completed		
##	2037	35024	Charging Data Record (CDR) file format and transfer	CH	2	Rel-6	S5	21/03/2003	18/03/2004	100%	-	-	SP#23 03/2004 completed		
##	2038	35025	CDR parameter description	CH	2	Rel-6	S5	21/03/2003	09/06/2005	100%	-	-	SP#28 06/2005 completed		
##	2039	35026	Diameter charging applications	CH	2	Rel-6	S5	21/03/2003	16/09/2004	100%	-	-	SP#25 09/2004 completed		
##	2040	35027	Online Charging System (OCS) architecture study	CH	2	Rel-6	S5	21/03/2003	18/09/2003	100%	-	-	SP#21 09/2003 completed		
##	2041	35028	OCS: Applications and interfaces	CH	2	Rel-6	S5	21/03/2003	16/12/2004	100%	-	-	SP#26 12/2004 completed		
##	2042	35017	<b>Charging Management for Bearer level</b>	CH-BC	2	Rel-6	S5	21/03/2003	16/09/2004	100%	<a href="#">SP-030048</a>	Nokia	SP#28 Target 09/2005 for WLAN Ch		
##	2043	35029	CS domain charging	CH	3	Rel-6	S5	21/03/2003	18/03/2004	100%	-	-	SP#23 03/2004 completed		
##	2044	35030	PS domain charging	CH	3	Rel-6	S5	21/03/2003	16/09/2004	100%	-	-	SP#25 09/2004 completed		
##	2045	35031	CDR transfer	CH	3	Rel-6	S5	21/03/2003	16/09/2004	100%	-	-	SP#25 09/2004 completed		
##	2046	35018	Charging Management for the IMS	IMS2-CH	2	Rel-6	S5	21/03/2003	16/12/2004	100%	<a href="#">SP-030049</a>	Ericsson	SP#26 12/2004 completed		
##	2047	35019	Charging Management for the Service domain	CH	2	Rel-6	S5	21/03/2003	09/06/2005	100%	<a href="#">SP-040778</a>	Siemens	SP#26: Updated WID SP-040778 wa		
##	2048	32030	<b>Overall architectural aspects of IP flow based bearer level charging</b>	CH-FBC	2	Rel-6	S2	21/11/2002	11/03/2005	100%	<a href="#">SP-040041</a>	-	-		
##	2049	32069	Overall definition of FBC architecture	CH-FBC	3	Rel-6	S2	21/11/2002	02/03/2004	100%	-	-	-		
##	2050	32070	Study on providing policy control with FBC	CH-FBC	3	Rel-6	S2	02/02/2004	30/07/2004	100%	-	-	-		
##	2051	13020	Gx interface for flow based charging	CH-FBC	3	Rel-6	N3	02/02/2004	08/12/2004	100%	<a href="#">NP-040245</a>	Nokia	-		
##	2052	13021	Rx interface for flow based charging	CH-FBC	3	Rel-6	N3	02/02/2004	11/03/2005	100%	<a href="#">NP-040339</a>	Nortel	-		
##	2053	1800	<b>Rel-6 UICC/USIM enhancements and interworking</b>	USAT1	1	Rel-6	T3	25/09/2000	10/03/2005	100%	<a href="#">not needed</a>	-	-		
##	2054	1802	<b>UICC API</b>	USAT1-API	2	Rel-6	T3	20/03/2002	10/03/2005	100%	<a href="#">not needed</a>	-	8/3/2001: test spec is based on R95		
##	2055	43001	Java API Test specification	USAT1-API	3	Rel-6	T3	20/03/2002	10/06/2002	100%	<a href="#">TP-020029</a>	Microelectrón	-		
##	2056	43006	2G/3G Java Card™ API based applet interworking	USAT1-API	3	Rel-6	T3	17/03/2003	05/03/2004	100%	<a href="#">TP-030031</a>	Oberthur Car	-		
##	2057	43007	(U)SIM API for Java Card Testing	USAT1-API	3	Rel-6	T3	17/03/2003	10/03/2005	100%	<a href="#">TP-040186</a>	Axalto	-		
##	####	43003	Deleted - Java API Test specification (TS 43.019 Rel-5)	USAT1-API	3	Rel-6	T3	30/05/2002	09/06/2003	100%	<a href="#">TP-020122</a>	Microelectrón	MOVED to Rel-5 WP		
##	2059	43004	<b>Rel-6 USIM toolkit enhancements</b>	USAT1-API-MULTOS	2	Rel-6	T3	25/09/2000	04/03/2005	100%	<a href="#">not needed</a>	Aspects Sofi	-		
##	2060	502031	<b>C SIM API</b>	USAT1-API-MULTOS	3	Rel-6	T3	25/09/2000	27/09/2002	100%	<a href="#">TP-000155</a>	Aspects Sofi	-		
##	2061	502032	Specification	USAT1-API-MULTOS	4	Rel-6	T3	25/09/2000	27/09/2002	100%	<a href="#">TP-000155</a>	Aspects Softv	-		
##	2062	502033	Test specification	USAT1-API-MULTOS	4	Rel-6	T3	01/01/2001	28/09/2001	100%	<a href="#">TP-000155</a>	Aspects Softv	-		
##	2063	43009	USIM application toolkit Conformance Test Specification for Mobile I	USAT1-API-MULTOS	3	Rel-6	T3	05/12/2003	04/03/2005	100%	<a href="#">TP-030259</a>	Gemplus	-		
##	2064	34022	<b>Packet Switched Streaming Services Rel-6</b>	PSSrel6	1	Rel-6	S4,S1	18/11/2002	07/12/2005	100%	<a href="#">SP-020685</a>	Ericsson	-		



ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	2065	31039	Stage 1	PSSrel6	2	Rel-6	S1	18/11/2002	17/03/2003	100%	<a href="#">SP-020685</a>	Ericsson	2nd resp SA4		
##	2066	34024	Stage 3	PSSrel6-Stage3	2	Rel-6	S4	13/12/2002	07/12/2005	100%	<a href="#">SP-020685</a>	Ericsson	TR tbc by Sept. 05		
##	2067	34023	<b>AMR-WB extension for high audio quality</b>	AMRWB+	1	Rel-6	S4	13/12/2002	07/12/2005	100%	<a href="#">SP-030083</a>	Nokia	TR tbc by Sept. 05		
##	2068	34027	<b>Codec Enhancements for Packet Switched Convers</b>	CEPSCM	1	Rel-6	S4	16/03/2004	16/12/2004	100%	<a href="#">SP 040066</a>	Nokia	-		
##	2069	34028	<b>3G-324M Improvements</b>	3G-324MI	1	Rel-6	S4	16/03/2004	16/12/2004	100%	<a href="#">SP-040067</a>	Ericsson	-		
##	2070	51101	<b>Single Antenna Receiver Interference Cancellation (</b>	SAIC	1	Rel-6	GP,G1	15/11/2002	25/06/2004	100%	<a href="#">GP-023400</a>	Cingular	-		
##	2071	12006	<b>Enhancement of dialled service for CAMEL</b>	EDCAMEL	1	Rel-6	S1,N2,N4	28/03/2003	31/12/2003	100%	<a href="#">SP-020818</a>	Samsung	-		
##	2072	12007	Stages 2 and 3	EDCAMEL	2	Rel-6	N2,N4	28/03/2003	31/12/2003	100%	<a href="#">NP-030153</a>	Samsung	-		
##	2073	32060	<b>Study on Bandwidth and resource savings in CS net</b>	BARS	1	Rel-6	S2	01/06/2003	16/06/2004	100%	<a href="#">SP-030308</a>	-	-		
##	2074	33018	<b>FS on (U)SIM Security Reuse by Peripheral Devices</b>	-	1	Rel-6	S3	03/07/2003	26/12/2003	100%	<a href="#">SP-030341</a>	Toshiba	Approved TSG#20		
##	2075	50600	<b>Multiple TBF in A/Gb mode</b>	MULTBF	1	Rel-6	GP,G2	05/04/2002	28/01/2005	100%	<a href="#">GP-021263</a>	Ericsson	GP#17 Nov 2003 Moved from Rel-5		
##	2076	50601	<b>Multiple TBF in A/Gb mode</b>	MULTBF-Agbmode	2	Rel-6	GP,G2	05/04/2002	29/08/2003	100%	<a href="#">GP-021263</a>	Ericsson	-		
##	2077	50602	Multiple TBF Concept paper	MULTBF-Agbmode	3	Rel-6	GP,G2	05/04/2002	29/08/2003	100%	-	-	-		
##	2078	50603	Multiple TBF Stage 2 (43.064) CRs	MULTBF-Agbmode	3	Rel-6	GP,G2	05/04/2002	29/08/2003	100%	-	-	-		
##	2079	50604	Multiple TBF Stage 3 (44.060) CRs	MULTBF-Agbmode	3	Rel-6	GP,G2	05/04/2002	29/08/2003	100%	-	-	-		
##	#####	50605	<i>Deleted - Multiple TBF in A/Gb mode – MS testing</i>	MULTBF-Testing	2	Rel-6	G3new	28/01/2005	28/01/2005	100%	<a href="#">GP-022098</a>	Ericsson	-		
##	2081	50096	<b>Alignment between the test-regimes for GERAN cap</b>	ALTERE	1	Rel-6	G3new	29/08/2003	02/09/2005	100%	<a href="#">GP-032236</a>	Ericsson	-		
##	2082	50097	Determine the controversial test cases in the different test regimes and a	ALTERE-TC	2	Rel-6	G3new	29/08/2003	02/09/2005	100%	-	-	-		
##	2083	50444	<b>Addition of U-TDOA in the CS domain</b>	UTDOACS	1	Rel-6	GP	21/11/2003	23/04/2004	100%	<a href="#">GP-032773</a>	TruePosition	Completed, except for potential LMU		
##	2084	50445	<b>Addition of U-TDOA in the PS domain</b>	UTDOAPS	1	Rel-6	GP	27/06/2003	12/11/2004	100%	<a href="#">GP-032774</a>	TruePosition	-		
##	2085	50101	<b>Downlink Advanced Receiver Performance</b>	DARP	1	Rel-6	GP	21/11/2003	02/09/2005	100%	<a href="#">GP-041966</a>	Nokia	-		
##	2086	50102	DARP test scenarios	DARP-TS	2	Rel-6	GP	21/11/2003	27/08/2004	100%	<a href="#">GP-041967</a>	Nokia	-		
##	2087	50103	<b>DARP for GMSK modulated voice services</b>	DARP-GMSK	2	Rel-6	GP	06/02/2004	12/11/2004	100%	<a href="#">GP-041968</a>	Nokia	-		
##	2088	50104	Performance requirements in 45.005	DARP-GMSK-Perf	3	Rel-6	GP	06/02/2004	12/11/2004	100%	-	-	-		
##	2089	50105	Radio subsystem link control in 45.008	DARP-GMSK-LC	3	Rel-6	GP	06/02/2004	12/11/2004	100%	-	-	-		
##	2090	50106	<b>DARP for GPRS and EGPRS MCS1-MCS4</b>	DARP-GPRSE	2	Rel-6	GP	06/02/2004	12/11/2004	100%	<a href="#">GP-041969</a>	Nokia	-		
##	2091	50107	Performance requirements in 45.005	DARP-GPRSE-Perf	3	Rel-6	GP	06/02/2004	12/11/2004	100%	-	-	-		
##	2092	50108	Radio subsystem link control in 45.008	DARP-GPRSE-LC	3	Rel-6	GP	06/02/2004	12/11/2004	100%	-	-	-		
##	2093	50115	DARP Capability signalling	DARP-CAPSIG	2	Rel-6	GP	21/11/2003	12/11/2004	100%	<a href="#">GP-041970</a>	Nokia	-		
##	2094	50116	GERAN MS Conformance test for DARP	ARP-ConfTest	2	Rel-6	G3new	27/08/2004	02/09/2005	100%	<a href="#">GP-041971</a>	Nokia	-		
##	2095	50109	<b>Reduction of PS service interruption in Dual Transf</b>	PSintDTM	1	Rel-6	G2	21/11/2003	24/06/2005	100%	<a href="#">GP-032548</a>	Siemens	-		
##	2096	50110	Use case and requirement definition	PSintDTM-Req	2	Rel-6	G2	21/11/2003	23/04/2004	100%	<a href="#">GP-032549</a>	Siemens	-		
##	2097	50111	Performance Study of Current Procedures	PSintDTM-Perf	2	Rel-6	G2	21/11/2003	23/04/2004	100%	<a href="#">GP-032550</a>	Siemens	-		
##	2098	50112	Reduction of service interruption times and packet loss during Dual Tran	PSintDTM-Reduct	2	Rel-6	G2	23/04/2004	12/11/2004	100%	<a href="#">GP-032551</a>	Siemens	-		
##	#####	50113	<i>Deleted - MS Conformance testing - Reduction of PS service interruption</i>	PSintDTM-ConfMS	2	Rel-6	G3new	25/06/2004	24/06/2005	100%	-	-	-		
##	#####	50114	<i>Deleted - BTS Conformance testing - Reduction of PS service interruption</i>	PSintDTM-ConfBTS	2	Rel-6	G3new	24/06/2005	24/06/2005	100%	-	-	-		
##	2101	12008	<b>CAMEL prepay interworking with SCUDIF</b>	SCCAMEL	1	Rel-6	N4,N3,S1	08/12/2003	05/10/2004	100%	<a href="#">NP-030584</a>	Nokia	-		
##	2102	31046	<b>Circuit Switched Video and Voice Service Improvem</b>	CS_VSS	1	Rel-6	S2,C1	12/01/2004	02/09/2005	100%	<a href="#">SP-040331</a>	Vodafone	-		
##	#####	31047	<i>Deleted - Stage 1 - Requirements</i>	CS_VSS	2	Rel-6	S1	12/01/2004	14/10/2004	100%	<a href="#">SP-040331</a>	Vodafone	-		
##	2104	32071	Stage 2 Study on architecture alternatives	CS_VSS	2	Rel-6	S2	12/01/2004	16/12/2004	100%	<a href="#">SP-040331</a>	Vodafone	-		
##	#####	32072	<i>Deleted - Stage 2 description on Redial</i>	CS_VSS	2	Rel-6	S2	03/05/2004	16/12/2004	100%	<a href="#">SP-040331</a>	Vodafone	-		
##	2106	11053	Switching between voice and video call - Redial solution	CS_VSS	2	Rel-6	C1	03/01/2005	17/06/2005	100%	<a href="#">SP-040331</a>	Vodafone	-		
##	#####	52137	<i>Deleted - CS_VSS - GERAN2 Part</i>	CS_VSS	2	Rel-6	G2	02/09/2005	02/09/2005	100%	<a href="#">SP-040331</a>	Vodafone	-		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	####	13017	<i>Deleted - CS_VSS - CN3 Part</i>	CS_VSS	2	Rel-6	N3	14/10/2004	14/10/2004	100%	<a href="#">SP-040331</a>	Vodafone	-		
##	2109	33020	<b>Network Domain Security; MAP application layer security</b>	MAPSEC	1	Rel-6	S3	06/07/2004	29/12/2004	100%	<a href="#">SP-040280</a>	Vodafone	Approved TSG#24. Marked as closec		
##	2110	33021	<b>FS on Security for early IMS</b>	SEC-IMS	1	Rel-6	S3	01/10/2004	28/03/2005	100%	<a href="#">SP-040691</a>	Vodafone	SP#24 approved WID. SP#27 comple		
##	2111	13024	<b>Reorganisation of CS Data Specifications</b>	CS Data	1	Rel-6	N3	19/11/2004	08/12/2004	100%	<a href="#">NP-040563</a>	Siemens	Created at TSG#27 as 100 % comple		
##	2112	50553	<b>Generic Access to A/Gb Interface (GAAI)</b>	GAAI	1	Rel-6	GP	25/06/2004	20/01/2006	100%	<a href="#">GP-042247</a>	Motorola	-		
##	2113	50544	FS on GAAI	GAAG	2	Rel-6	GP	25/06/2004	27/08/2004	100%	<a href="#">GP-041592</a>	Motorola	Feasibility Study		
##	2114	50554	GAAI – Stage 2	GAAI-Stage2	2	Rel-6	GP	27/08/2004	08/04/2005	100%	-	Ericsson	-		
##	2115	50555	GAAI – Stage 3	GAAI-Stage3	2	Rel-6	GP	27/08/2004	08/04/2005	100%	-	-	-		
##	2116	50556	MS Conformance Test for GAAI	GAAI-CT	2	Rel-6	GP	27/08/2004	20/01/2006	100%	-	-	Marked as closed 12/2008 (was mark		
##	2117	50559	<b>Support of PS Handover for GERAN A/Gb mode</b>	SPSHAGB	1	Rel-6	GP,G2	03/11/2003	24/08/2005	100%	<a href="#">GP-051160</a>	Ericsson	<b>Replaces SCSAGB- Originally Star</b>		
##	2118	50560	Stage 2	SPSHAGB-Stage2	2	Rel-6	GP,G2	03/11/2003	24/08/2005	100%	<a href="#">GP-051161</a>	Ericsson	Replaces SCSAGB-Stage2		
##	2119	50561	PS handover	SPSHAGB-PSHO	2	Rel-6	GP,G2	03/11/2003	24/08/2005	100%	<a href="#">GP-051162</a>	Ericsson	Replaces SCSAGB-PSH		
##	2120	50562	Definition of radio resource management functionality	SPSHAGB-RRM	2	Rel-6	GP,G2	03/11/2003	24/08/2005	100%	<a href="#">GP-051163</a>	Ericsson	Replaces SCSAGB-RRM		
##	2121	60111	<b>(Small) Technical Enhancements and Improvements</b>	TEI6	1	Rel-6	All	02/06/2006	02/06/2006	100%	-	-	"Joker" WI, to be used for a Rel 6 CR		
##	2122	25019	<b>Test - (Small) Technical Enhancements and Improve</b>	TEI6_Test	1	Rel-6	R5,T1	02/06/2006	06/05/2008	100%	<a href="#">5_Work_Items</a>	-	"Joker" WI, to be used for small modif		
##	####	31029	<i>Deleted - Study of Feature Interactions Requirements</i>	FINTER	1	Rel-6	S1	16/09/2004	16/09/2004	100%	<a href="#">SP-020578</a>	-	SP#25 stopped		
##	####	50563	<i>Deleted - Enhancements of VGCS in public networks for communication of pu</i>	EVGCS	1	Rel-6	GP,G2	24/08/2005	02/09/2005	100%	<a href="#">GP-041837</a>	Siemens	GP#26 moved to Rel-7 as UID_1104		
##	####	50500	<i>Deleted - Support of Conversational Services in A/Gb mode via the PS domai</i>	SCSAGB	1	Rel-6	GP,N1	21/11/2003	19/02/2004	100%	<a href="#">GP-030443</a>	Ericsson	-		
##	####	50501	<i>Deleted - Creation of a TR</i>	SCSAGB-TR	2	Rel-6	GP	21/11/2003	21/11/2003	100%	<a href="#">GP-030444</a>	Ericsson	-		
##	####	50502	<i>Deleted - Stage 2</i>	SCSAGB-Stage2	2	Rel-6	GP	21/11/2003	21/11/2003	100%	<a href="#">GP-030445</a>	Ericsson	Started		
##	####	50503	<i>Deleted - Radio Channel Support</i>	SCSAGB-RCS	2	Rel-6	GP	21/11/2003	21/11/2003	100%	<a href="#">GP-030446</a>	Ericsson	Not started		
##	####	50504	<i>Deleted - Definition of radio resource management functionality</i>	SCSAGB-RRM	2	Rel-6	GP	21/11/2003	21/11/2003	100%	<a href="#">GP-030447</a>	Ericsson	Not started		
##	####	50505	<i>Deleted - replaced by 50561 - PS Handover</i>	SCSAGB-PSH	2	Rel-6	GP,N1	21/11/2003	19/02/2004	100%	<a href="#">GP-030448</a>	Ericsson	Started		
##	####	50506	<i>Deleted - Modifications to FLO</i>	SCSAGB-FLO	2	Rel-6	GP	21/11/2003	21/11/2003	100%	<a href="#">GP-030449</a>	Ericsson	Not started		
##	####	2	<i>Deleted - Rel-6 Evolutions of the transport in the UTRAN</i>	ETRAN	1	Rel-6	RP	31/12/2003	31/12/2003	100%	<a href="#">V_Work_Items</a>	Alcatel	Generic feature		
##	2133	0	<b>Release 5 Features</b>	-	1	Rel-5	NP,GP, RF	30/03/2001	28/06/2002	100%	-	-	-		
##	2134	625	<b>IP transport in the UTRAN</b>	ETRAN-IPtrans	1	Rel-5	R3	17/07/2000	29/03/2002	100%	<a href="#">RAN_Wis</a>	Alcatel	-		
##	2135	2455	<b>FS on Usage of SUA</b>	SS7IP	1	Rel-5	N4	12/03/2001	21/12/2001	100%	<a href="#">NP-010460</a>	-	-		
##	2136	2476	<b>High Speed Downlink Packet Access</b>	HSDPA	1	Rel-5	R2,R5	02/04/2001	09/03/2007	100%	<a href="#">RAN_Wis</a>	Motorola	-		
##	2137	2477	Physical Layer	HSDPA-Phys	2	Rel-5	R1	05/04/2001	29/03/2002	100%	<a href="#">RP-010262</a>	Motorola	-		
##	2138	2478	Layer 2 and 3 aspects	HSDPA-L23	2	Rel-5	R2	05/04/2001	29/03/2002	100%	<a href="#">RAN_Wis</a>	Motorola	-		
##	2139	2479	Iub/Iur protocol aspects	HSDPA-IubIur	2	Rel-5	R3	02/04/2001	29/03/2002	100%	<a href="#">RP-010262</a>	Motorola	-		
##	2140	2480	RF Radio Transmission/ Reception, System Performance Requirements	HSDPA-RF	2	Rel-5	R4	09/04/2001	06/06/2003	100%	<a href="#">RP-010262</a>	Motorola	-		
##	2141	25000	Conformance Testing of HSDPA	HSDPA_Test	2	Rel-5	R5	19/09/2003	22/09/2006	100%	<a href="#">5_Work_Items</a>	Motorola	-		
##	2142	25012	Conformance Testing of HCR TDD HSDPA	HSDPA_HCRTDD_T	2	Rel-5	R5	10/03/2006	09/03/2007	100%	<a href="#">5_Work_Items</a>	IPWireless	-		
##	2143	501216	<b>Rel-5 Improvements of Radio Interface</b>	RInImp	1	Rel-5	RP	14/08/2000	30/08/2002	100%	<a href="#">RAN_Wis</a>	-	-		
##	2144	1471	<b>Base station classification</b>	RInImp-BSCClass	2	Rel-5	R4	14/08/2000	14/06/2002	100%	<a href="#">RAN_Wis</a>	Nokia	-		
##	2145	1477	TDD Base station classification	RInImp-BSCClass-TDC	3	Rel-5	R4	14/08/2000	08/03/2002	100%	<a href="#">RAN_Wis</a>	Nokia	-		
##	2146	24002	Base Station Classification for 1.28 Mcps TDD option	RInImp-BSCClass-LCR	3	Rel-5	R4	15/06/2001	14/06/2002	100%	-	Siemens	-		
##	2147	2469	Enhancement on the DSCH hard split mode	RInImp-DSCHhsp	2	Rel-5	R1	16/03/2001	29/03/2002	100%	-	Samsung	-		
##	2148	1217	Hybrid ARQ II/III	RInImp-HARQ	2	Rel-5	R2	21/08/2000	28/12/2001	100%	<a href="#">RAN_Wis</a>	Siemens	Stopped at RP#14; work on this task		
##	2149	1221	FS on USTS	RInImp-USTS	2	Rel-5	R1	14/08/2000	21/12/2001	100%	<a href="#">RAN_Sis</a>	SK Telecom	-		
##	2150	1997	FS on UE antenna efficiency test method performance requirements	RInImp-UEAnTM	2	Rel-5	R4	25/09/2000	14/09/2001	100%	<a href="#">RAN_Sis</a>	Allgon	-		

ID	ID	Jnique_IC	Name	Acronym	utili_eve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes	Qtr 3, 2011	
													May	Jul	
##	2151	2494	FS on the re-introduction of the downlink SIR measurement	RInImp-SIR	2	Rel-5	R4	12/03/2001	14/12/2001	100%	-	Ericsson	-		
##	2152	2493	FS on mitigating the effect of CPICH interference at the UE	RInImp-CPICH_Intf	2	Rel-5	R4	19/03/2001	08/03/2002	100%	-	Intel	-		
##	####	1839	Deleted - Conformance Test Spec. improvements in Radio Interface	-	2	Rel-5	T1	18/02/2002	30/08/2002	100%	-	-	Marked as stopped 12/2008		
##	####	2210	Deleted - Testing improvement of inter-frequency and inter-system r	-	3	Rel-5	T1	18/02/2002	30/08/2002	100%	-	-	Marked as stopped 12/2008		
##	####	2211	Deleted - Testing Hybrid ARQ II/III	-	3	Rel-5	T1	18/02/2002	30/08/2002	100%	-	-	Marked as stopped 12/2008		
##	2156	500009	Rel-5 RAN improvements	RANImp	1	Rel-5	RP	16/03/2001	09/03/2007	100%	RAN Wis	-	-		
##	2157	656	RRM optimization for lur and lub	RANImp-RRMopt	2	Rel-5	R3	16/03/2001	04/06/2002	100%	RAN Wis	Ericsson	-		
##	2158	23000	lur common transport channel efficiency optimization	RANImp-RRMopt-ctc	3	Rel-5	R3	16/03/2001	29/03/2002	100%	-	Ericsson	-		
##	2159	23001	lur neighbouring cell reporting efficiency optimization	RANImp-RRMopt-ncr	3	Rel-5	R3	16/03/2001	29/03/2002	100%	-	Ericsson	-		
##	2160	23002	FS Introduction of direct transport bearers between SRNC and NodeB	RAN-imp-RRMopt-D1	3	Rel-5	R3	15/06/2001	04/06/2002	100%	-	Ericsson	FS was closed and introduction of WI		
##	2161	2488	RL Timing Adjustment	RANImp-RLTA	2	Rel-5	R3	16/03/2001	29/03/2002	100%	-	Ericsson	-		
##	2162	2489	Separation of resource reservation and radio link activation	RANImp-SepRR	2	Rel-5	R3	16/03/2001	29/03/2002	100%	-	Ericsson	-		
##	2163	23003	FS SRNS Relocation Procedure Enhancement	RANImp-SRNS	2	Rel-5	R3	15/06/2001	03/09/2002	100%	-	Nokia	-		
##	2164	2490	FS Improvement of Radio Resource Management across RNS and RNS	RANImp-ImpRRM	2	Rel-5	R3	16/03/2001	21/12/2001	100%	-	Nokia	FS was closed and WI was introduced		
##	2165	2491	Re-arrangements of lub transport bearers	RANImp-TTPS	2	Rel-5	R3	16/03/2001	29/03/2002	100%	-	Nokia	-		
##	2166	22000	RAB support enhancement for Rel-5	RANImp-RABSE5	2	Rel-5	R2	02/04/2001	28/06/2002	100%	RAN Wis	Nokia	RFC 3095 context relocation		
##	2167	25005	Testing of ROHC performance	RANImp-RABSE5_Test	2	Rel-5	R5	09/09/2005	09/03/2007	100%	5 Work Items	Nokia	-		
##	2168	21001	Beamforming requirements for UE	RANImp-BFR-UE	2	Rel-5	R1	21/09/2001	14/12/2001	100%	-	Nokia	-		
##	2169	21002	Support of Site Selection Diversity Transmission in UTRAN	RANImp-SSDT	2	Rel-5	R1	14/12/2001	04/06/2002	100%	-	NEC	RP-020356		
##	2170	2472	Node B Synchronisation for 1.28 Mcps TDD	RANImp-NBSLCR	2	Rel-5	R1	16/03/2001	29/03/2002	100%	-	CATT	-		
##	2171	2102	Deleted - Conformance Test Aspects - RAN Improvements	-	2	Rel-5	T1	01/01/2002	01/03/2004	100%	-	-	Marked as stopped 12/2008		
##	2172	2222	Deleted - Testing Radio access bearer support enhancements	-	3	Rel-5	T1	01/01/2002	02/09/2002	100%	-	-	Marked as stopped 12/2008		
##	2173	41010	Deleted - General changes to TS34.121 and TS34.122 corresponding	RANImp-test	3	Rel-5	T1	03/03/2003	01/03/2004	100%	-	-	Marked as stopped 12/2008		
##	2174	23004	UTRAN Sharing in Connected Mode	NETSHARE	1	Rel-5	R3	03/12/2001	03/09/2002	100%	-	Ericsson	Formerly 'Shared Network support in		
##	2175	1273	Provisioning of IP-based multimedia services	IMS	1	Rel-5	S1,S2,S5,I	03/01/2000	01/12/2006	100%	SP-000216	Openwave	-		
##	2176	1274	Call control and roaming to support IMS in UMTS	IMS-CCR	2	Rel-5	S2,R5	03/01/2000	01/12/2006	100%	SP-010339	Lucent	-		
##	2177	1633	Stage 1	IMS-CCR	3	Rel-5	S1	21/02/2000	15/12/2000	100%	-	Motorola	Issues include e.g.: Roaming require		
##	2178	1514	Stage 2 (Architecture and Main flows)	IMS-CCR	3	Rel-5	S2	14/04/2000	23/03/2001	100%	SP-000289	Lucent	Issues include e.g.: Mobile IP, RAB si		
##	2179	1296	Impact on MM/CC/SM	IMS-CCR-IWMM	3	Rel-5	N1	28/08/2000	08/03/2002	100%	NP-010434	Lucent	Per 26/2-02: This is understood to be		
##	2180	2233	SIP Call Control protocol for the IMS	IMS-CCR	3	Rel-5	N1	02/10/2000	22/03/2002	100%	NP-010643	Lucent	TSGN_10 approved the change:CN		
##	2181	1998	IMS signalling flows	IMS-CCR	4	Rel-5	N1	02/10/2000	22/03/2002	100%	-	-	24.228		
##	2182	1278	IMS stage 3	IMS-CCR	4	Rel-5	N1	02/10/2000	22/03/2002	100%	-	-	24.229		
##	2183	2255	IMS Session Handling; stage 2	IMS-CCR	4	Rel-5	N1	02/10/2000	22/03/2002	100%	-	-	23.218		
##	2184	25006	Conformance Test Aspects – IMS Call Control	IMS-CCR_Test	3	Rel-5	R5	11/03/2005	01/12/2006	100%	5 Work Items	Motorola	-		
##	2185	10004	Main IETF dependencies	IMS	3	Rel-5	NP	03/01/2000	14/06/2002	100%	-	-	-		
##	2186	2521	IETF: RFC 3261 (Session Initiation Protocol)	IMS	4	Rel-5	N1	24/11/2000	22/03/2002	100%	-	-	-		
##	2187	2523	IETF: RFC 3262 (Reliability of provisional responses)	IMS	4	Rel-5	N1	24/11/2000	22/03/2002	100%	-	-	-		
##	2188	2522	IETF: RFC 3312 (Without COMET)(Integration of resource man	IMS	4	Rel-5	N1	24/11/2000	13/05/2002	100%	-	-	-		
##	2189	2524	IETF: RFC 3323 (SIP extensions for caller identity and privacy)	IMS	4	Rel-5	N1	24/11/2000	13/05/2002	100%	-	-	-		
##	2190	2525	IETF: RFC 3313 (SIP extensions for media authorization)	IMS	4	Rel-5	N1	24/11/2000	13/05/2002	100%	-	-	-		
##	2191	11000	IETF: RFC 3265 (specific event notification)	IMS	4	Rel-5	N1	24/11/2000	22/03/2002	100%	-	-	-		
##	2192	11001	IETF: RFC editor Queue (refer method)	IMS	4	Rel-5	N1	24/11/2000	07/06/2002	100%	-	-	-		
##	2193	11002	IETF: RFC editor Queue (DHCP options for SIP servers)	IMS	4	Rel-5	N1	24/11/2000	13/05/2002	100%	-	-	-		

Page 51

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	2194	11004	IETF: RFC 3267 (AMR and AMR WB RTP and SDP)	IMS	4	Rel-5	N1	24/11/2000	22/03/2002	100%	-	-	-		
##	2195	11005	IETF: RFC 3266 (IPv6 support within SDP)	IMS	4	Rel-5	N1	03/01/2000	22/03/2002	100%	-	-	-		
##	2196	11022	IETF: RFC 3311 (The Update method)	IMS	4	Rel-5	N1	24/11/2000	13/05/2002	100%	-	-	-		
##	2197	11023	IETF: RFC 3324 (Network Asserted Identity)	IMS	4	Rel-5	N1	24/11/2000	13/05/2002	100%	-	-	-		
##	2198	11024	IETF: RFC editor Queue (Various 3GPP Private Extensions)	IMS	4	Rel-5	N1	24/11/2000	13/05/2002	100%	-	-	-		
##	2199	1290	Addressing	IMS	4	Rel-5	S2	09/10/2000	22/03/2002	100%	-	-	-		
##	2200	1291	Architectural issues	IMS	5	Rel-5	S2	09/10/2000	31/08/2001	100%	-	-	-		
##	2201	1292	Impact on HSS	IMS	5	Rel-5	N4	15/11/2000	22/03/2002	100%	-	-	Covered by 29.228 & 29228		
##	2202	2530	Service Examples (Work stopped)	IMS-Sex	4	Rel-5	S1	17/04/2001	14/06/2002	100%	-	Motorola	-		
##	2203	2531	IMS Framework Report (work stopped)	IMS-FrWk	5	Rel-5	S1	17/04/2001	14/06/2002	100%	-	SBC	-		
##	2204	1298	Access Security for IMS	IMS-ASEC	2	Rel-5	S3	08/10/2001	28/06/2002	100%	<a href="#">SP-010323</a>	Ericsson	TS33.203 will be presented for info		
##	2205	43000	IMS impacts on UICC (ISIM application)	-	3	Rel-5	T3	08/10/2001	21/06/2002	100%	<a href="#">TP-010251</a>	Vodafone	-		
##	2206	11014	SIP extensions for Integrity protection	-	3	Rel-5	N1	17/12/2001	28/06/2002	100%	-	-	Per 26/2-02: CN1 is not aware of any		
##	2207	2574	Security Aspects of Requirement for Network Configuration Independenc	SEC1-NCI	2	Rel-5	S3	02/07/2001	28/12/2001	100%	<a href="#">SP-010324</a>	AT&T Wireless	Incorporated into IMS access security		
##	2208	1299	Lawful interception	IMS-LI	2	Rel-5	S3	04/09/2000	29/03/2002	100%	<a href="#">SP-010621</a>	Reg TP	SA#17 completed		
##	2209	35007	Charging and OAM&P for IMS	IMS-OAM	2	Rel-5	S5	25/12/2000	12/06/2002	100%	<a href="#">SP-010461</a>	VoiceStream,	-		
##	2210	2036	Multimedia codecs and protocols for conversational PS services	IMS-CODEC	2	Rel-5	S4	26/07/2000	27/09/2002	100%	<a href="#">SP-000398</a>	Toshiba, Nol	-		
##	2211	2039	Codecs	-	3	Rel-5	S4	26/07/2000	14/03/2002	100%	<a href="#">SP-000398</a>	-	-		
##	2212	34020	Transport protocols	IMS-CODEC	3	Rel-5	S4	12/03/2002	12/03/2002	100%	-	Nokia	-		
##	2213	34006	recommendation for QoS parameter values for various media types	-	3	Rel-5	S4	31/12/2001	27/09/2002	100%	-	-	-		
##	2214	11025	IETF: RFC 3310 (HTTP Digest Authentication using AKA)	-	3	Rel-5	N1	24/11/2000	13/05/2002	100%	-	-	-		
##	2215	11026	IETF: RFC 3329 (Security mechanism agreement for SIP connector	-	3	Rel-5	N1	24/11/2000	13/05/2002	100%	-	-	-		
##	2216	32003	SIP message compression	-	2	Rel-5	S2	24/09/2001	07/06/2002	100%	-	-	-		
##	2217	32004	Stage 2	-	3	Rel-5	S2	24/09/2001	26/10/2001	100%	-	-	-		
##	2218	11015	Compression signalling	-	3	Rel-5	N1	28/09/2001	07/06/2002	100%	-	-	-		
##	2219	10001	Stage 3 description of IMS interfaces	-	2	Rel-5	NP	14/03/2001	30/08/2002	100%	-	-	-		
##	2220	1286	Cx interface (HSS to CSCF)	-	3	Rel-5	N4	14/03/2001	07/06/2002	100%	<a href="#">NP-010626</a>	-	-		
##	2221	14997	Mp interface (MRFC - MRFP) enhancements	-	3	Rel-5	N4	14/03/2001	08/03/2002	100%	-	-	[DAB 08-03-02] - No work required in		
##	2222	11016	Mw interface (CSCF to P-CSCF)	-	3	Rel-5	N1	14/03/2001	07/06/2002	100%	-	-	-		
##	2223	11018	Mr interface (CSCF to MRF)	-	3	Rel-5	N1	14/03/2001	29/03/2002	100%	-	-	-		
##	2224	14003	Dx interface (I-CSCF to SLF)	-	3	Rel-5	N4	14/03/2001	07/06/2002	100%	-	-	CN4#11 30/11/01: No inputs receivec		
##	2225	13001	Go interface (GGSN to PCF)	-	3	Rel-5	N3	14/03/2001	07/06/2002	100%	-	-	[DAB - 23/05/03] - 100 % complete		
##	2226	11019	ISC (IMS Service Control) Interface	-	3	Rel-5	N1	14/03/2001	07/06/2002	100%	-	-	-		
##	2227	14006	Sh interface (HSS to AS)	-	3	Rel-5	N4	14/02/2002	07/06/2002	100%	-	-	CN4#11 30/11/01: No inputs receivec		
##	2228	14998	Si interface (HSS to IM-SSF)	-	3	Rel-5	N4	16/01/2002	30/08/2002	100%	-	-	SA16: Part of Rel5 only if completed i		
##	2229	11020	Gm interface (UE to CSCF)	-	3	Rel-5	N1	14/03/2001	07/06/2002	100%	-	-	-		
##	2230	11027	Mi interface (CSCF to BGCF)	-	3	Rel-5	N1	14/03/2001	07/06/2002	100%	-	-	-		
##	2231	11028	Mj interface (BGCF to MGCF)	-	3	Rel-5	N1	14/03/2001	07/06/2002	100%	-	-	-		
##	2232	11029	Mk interface (BGCF to BGCF)	-	3	Rel-5	N1	14/03/2001	07/06/2002	100%	-	-	-		
##	2233	1310	Support of VHE/OSA by entities and protocols of the IMS (e.g. CSCF)	IMS-ONOSA	2	Rel-5	N5	21/09/2001	07/06/2002	100%	<a href="#">NP-010692</a>	Ericsson	-		
##	2234	12000	CAMEL control of IMS services	IMS-CAMEL	2	Rel-5	N2	16/04/2001	06/09/2002	100%	<a href="#">NP-020305</a>	Lucent	-		
##	2235	12001	Stage2 work 'general'	-	3	Rel-5	N2	16/04/2001	06/09/2002	100%	-	-	DAB 12.12.01 split into cn4 and cn2 f		
##	2236	12002	Stage3 work 'CAP'	-	3	Rel-5	N2	07/01/2002	06/09/2002	100%	-	-	DAB 12.12.01 split into cn4 and cn2 f		



ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	2237	12003	Stage2 work 'Si interface'	-	3	Rel-5	N2	07/01/2002	06/09/2002	100%	-	-	DAB 12.12.01 split into cn4 and cn2 p		
##	2238	12004	Stage3 work 'Si interface'	-	3	Rel-5	N4	14/02/2002	07/06/2002	100%	-	-	[DAB 08-03-02] - UID 12004 is MAST		
##	####	14004	<i>Deleted - SDM issues for CAMEL control of IMS</i>	-	3	Rel-5	N4	14/02/2002	07/06/2002	100%	-	-	Marked as stopped 12/2008		
##	2240	31002	Pre-pay/real-time charging in IMS	-	2	Rel-5	S1	15/06/2001	15/03/2002	100%	-	-	Marked as closed 12/2008 (was mark		
##	2241	35005	<b>Charging</b>	<b>OAM-CH</b>	2	Rel-5	S2,S5	06/08/2001	12/09/2002	100%	<a href="#">SP-010631</a>	T-Mobile	-		
##	2242	32006	Charging Implications of IMS architecture	-	3	Rel-5	S2	06/08/2001	16/11/2001	100%	<a href="#">SP-010519</a>	-	-		
##	2243	35006	Charging management for IMS (off-line & on-line)	OAM-CH	3	Rel-5	S5	19/11/2001	12/09/2002	100%	-	-	-		
##	2244	34012	Billing, accounting and call detail record aspects	OAM-CH	3	Rel-5	S5	27/09/2001	12/09/2002	100%	<a href="#">SP-010631</a>	T-Mobile	-		
##	2245	10002	<b>Other IETF dependencies</b>	-	2	Rel-5	NP	24/11/2000	07/06/2002	100%	-	-	<b>Was introduced at SP#13 by Ileana</b>		
##	2246	11011	IETF: draft-ietf-aaa-diameter - should be CN4	-	3	Rel-5	NP	24/11/2000	07/06/2002	100%	-	-	Marked as closed 12/2008 (was mark		
##	2247	11999	IETF: draft-johansson-aaa-diameter-mm-app - should be CN4	-	3	Rel-5	NP	24/11/2000	07/06/2002	100%	-	-	Marked as closed 12/2008 (was mark		
##	2248	1844	Conformance Test Aspects - Provisioning of IMS	IMS-TEST	2	Rel-5	T1	18/03/2002	27/12/2002	100%	-	-	The task is a BB, individual work item		
##	2249	41004	Testing of support for IMS - prose	-	2	Rel-5	T1	18/09/2002	30/09/2003	100%	<a href="#">TP-030052</a>	Anritsu	Marked as stopped 12/2008		
##	2250	41005	Testing of support for IMS - TTCN	-	2	Rel-5	T1	18/09/2002	03/03/2004	100%	<a href="#">TP-030052</a>	Anritsu	Marked as stopped 12/2008		
##	2251	34001	<b>Extended Transparent End-to-End PS Streaming Se</b>	<b>PSS-E</b>	1	Rel-5	S4	03/01/2002	17/03/2003	100%	<a href="#">SP-010392</a>	Ericsson	-		
##	2252	34002	<b>Stage 1</b>	-	2	Rel-5	S1	18/11/2002	17/03/2003	100%	<a href="#">SP-010392</a>	Vodafone	<b>2nd resp SA4</b>		
##	2253	31032	Interaction with other services	-	3	Rel-5	S1	18/11/2002	17/03/2003	100%	-	Vodafone	2nd resp SA4. Marked as closed 12/2		
##	2254	34003	Stage 2 (version Rel5 of TS 26.234)	-	2	Rel-5	S4	03/01/2002	14/03/2002	100%	<a href="#">SP-010392</a>	-	2nd resp SA2		
##	2255	34019	RTP usage model	-	2	Rel-5	S4	03/01/2002	06/12/2002	100%	-	-	Marked as closed 12/2008 (was mark		
##	2256	501637	<b>Rel-5 OSA enhancements</b>	<b>OSA1</b>	1	Rel-5	S1	27/04/1999	20/12/2002	100%	<a href="#">SP-000216</a>	Siemens	-		
##	2257	32010	General Stage 2 for Rel5	-	2	Rel-5	S2	11/09/2001	07/06/2002	100%	-	-	Marked as closed 12/2008 (was mark		
##	2258	1429	<b>OSA APIs for Multimedia Call Control</b>	<b>OSA1-CSCF</b>	2	Rel-5	S2	11/07/2000	07/06/2002	100%	-	-	<b>For Rel5 even if completed by Mar</b>		
##	2259	1430	Stage 1	-	3	Rel-5	S1	11/07/2000	14/03/2002	100%	-	Siemens	-		
##	2260	15002	Multimedia Call Control - Stages 2 and 3	-	3	Rel-5	N5	11/09/2001	07/06/2002	100%	-	-	-		
##	2261	15003	Generic user interaction - Stage 3	-	2	Rel-5	N5	11/09/2001	07/06/2002	100%	-	-	-		
##	2262	15004	Charging - Stage 3	-	2	Rel-5	N5	11/09/2001	07/06/2002	100%	-	-	-		
##	2263	15007	Call Control Service Mapping; Multiparty Call Control SIP - Stage 3	-	2	Rel-5	N5	11/09/2001	07/06/2002	100%	-	-	-		
##	2264	15999	WSDL APIs for SOAP/HTTP - Stage 3	-	2	Rel-5	N5	11/09/2000	07/06/2002	100%	-	-	-		
##	2265	1419	<b>OSA security</b>	<b>OSA1-SEC</b>	2	Rel-5	S3	11/07/2000	20/12/2002	100%	<a href="#">SP-000302</a>	BT	<b>CR to correct security specification</b>		
##	2266	2121	Stage 1	-	3	Rel-5	S1	11/07/2000	09/11/2001	100%	-	Siemens	-		
##	2267	1421	Stage 3	-	3	Rel-5	S3	23/10/2000	14/06/2002	100%	-	-	Marked as closed 12/2008 (was mark		
##	2268	1422	security related SCF(s) definition	-	3	Rel-5	N5	21/09/2001	07/06/2002	100%	<a href="#">NP-010692</a>	Ericsson	-		
##	2269	1423	changes required from supporting platforms, e.g. gsmSCF, HLR	-	3	Rel-5	S3	11/09/2000	14/12/2000	100%	-	-	-		
##	2270	15017	Security (moved from Rel-6)	-	3	Rel-5	S3	14/03/2002	20/12/2002	100%	-	-	Contribution at S3#25		
##	2271	401424	<b>Interactions OSA - e-commerce</b>	<b>OSA1-ECOM</b>	2	Rel-5	S2	27/04/1999	07/06/2002	100%	-	-	-		
##	2272	1425	Stage 1	-	3	Rel-5	S1	27/04/1999	28/12/2000	100%	-	Siemens	Marked as closed 12/2008 (was mark		
##	2273	1529	Stages 2 and 3	-	3	Rel-5	N5	21/09/2001	07/06/2002	100%	<a href="#">NP-010692</a>	Ericsson	-		
##	2274	15005	Policy Management - Stage 3	-	2	Rel-5	N5	11/09/2001	07/06/2002	100%	-	-	-		
##	2275	15006	Presence and Availability Management (PAM) - Stage 3	-	2	Rel-5	N5	11/09/2001	07/06/2002	100%	-	-	-		
##	2276	1786	<b>CHECK STATUS - LCS - OSA interfaces</b>	<b>OSA1-LCSI</b>	2	Rel-5	S1	11/09/2000	07/06/2002	100%	-	Siemens	<b>az: CN#13 - changed to Rel5</b>		
##	2277	1787	Stage 1	-	3	Rel-5	S1	11/09/2000	08/12/2000	100%	-	Siemens	-		
##	2278	2124	Stage 2	-	3	Rel-5	S2	11/12/2000	11/12/2000	100%	-	Ericsson	az 24/05/01: Rel4 completion 90->100		
##	2279	1788	Stage 3	-	3	Rel-5	N5	21/09/2001	07/06/2002	100%	<a href="#">NP-010692</a>	Ericsson	-		

ID	ID	Unique_ID	Name	Acronym	utili level	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	2280	2540	Access to User Profile	OSA2-UP	2	Rel-5	S1	01/06/2001	20/12/2001	100%	-	-	-		
##	2281	1433	Retrieval of Terminal capabilities	OSA2-TC	2	Rel-5	S2	11/07/2000	13/12/2002	100%	-	-	-		
##	2282	1434	Stage 1	-	3	Rel-5	S1	11/07/2000	10/01/2001	100%	-	Siemens	-		
##	2283	1436	Stages 2 and 3	-	3	Rel-5	N5	21/09/2001	13/12/2002	100%	<a href="#">NP-010692</a>	Ericsson	-		
##	2284	2122	Provisioning of the terminal capabilities	-	3	Rel-5	T2	02/04/2001	13/12/2002	100%	-	-	According to T2 SWG1 M. Cataldo th		
##	2285	1638	CAMEL phase 4	CAMEL4	1	Rel-5	S1	17/04/2000	06/09/2002	100%	<a href="#">NP-020486</a>	Nokia	-		
##	2286	1461	Service requirements	-	2	Rel-5	S1	17/04/2000	14/06/2002	100%	-	-	-		
##	2287	2012	Call Party Handling	CAMEL4-CPH	2	Rel-5	N2	10/07/2000	07/06/2002	100%	-	-	-		
##	2288	2013	Mid call procedure for MO and MT calls	CAMEL4-MCP	2	Rel-5	N2	17/07/2000	07/06/2002	100%	-	-	-		
##	2289	2014	Interactions with Optimal Routing	CAMEL4-IOR	2	Rel-5	N2	17/07/2000	08/03/2002	100%	-	-	-		
##	2290	2015	Inclusion of flexible tone injection	CAMEL4-IFTI	2	Rel-5	N2	17/07/2000	08/03/2002	100%	-	-	-		
##	2291	2016	CSE control over MT SMS	CAMEL4-CCSMS	2	Rel-5	N2	17/07/2000	08/03/2002	100%	-	-	-		
##	2292	2460	Notification of GPRS mobility management to CSE	CAMEL4-NMM	2	Rel-5	N2	02/03/2001	07/06/2002	100%	-	-	-		
##	2293	2458	Provision of location information of called subscriber	CAMEL4-LOCB	2	Rel-5	N2	02/03/2001	08/03/2002	100%	-	-	-		
##	2294	2514	Inclusion of ODB data in the CSE_HLR interface	CAMEL4-ODB	2	Rel-5	N2	09/07/2001	08/03/2002	100%	-	-	Added on May 29, 2001		
##	2295	2515	Location information during an ongoing call (Handover DP)	CAMEL4-HODP	2	Rel-5	N2	14/05/2001	07/06/2002	100%	-	-	-		
##	2296	2516	GPRS Any Time Interrogation	CAMEL4-ATI	2	Rel-5	N2	09/07/2001	07/06/2002	100%	-	-	-		
##	2297	2599	Transfer of IMEI (with SW version) to CSE	CAMEL4-ATI	2	Rel-5	N2	09/07/2001	07/06/2002	100%	-	-	-		
##	2298	12005	Handling of partial implementations of CAMEL4	CAMEL4-SUB	2	Rel-5	N2	08/03/2002	06/09/2002	100%	-	-	stage2 and stage3 CRs for approval i		
##	2299	2464	Rel-5 MExE enhancements	MEXE5	1	Rel-5	T2	26/03/2001	08/03/2002	100%	-	-	-		
##	2300	2466	MExE Rel-5 Improvements and Investigations	MEXE5-ENHANC	2	Rel-5	T2	26/03/2001	08/03/2002	100%	<a href="#">TP-010071</a>	Motorola	-		
##	2301	1625	Wideband Telephony Service - AMR	AMRWB	1	Rel-5	S4	01/01/2000	19/12/2003	100%	<a href="#">SP-99354</a>	Siemens	-		
##	2302	62	Specification	-	2	Rel-5	S4	01/01/2000	07/06/2002	100%	-	-	-		
##	2303	31005	Stage 1	-	3	Rel-5	S1	01/10/2001	22/03/2002	100%	-	-	-		
##	2304	32007	Stage 2	-	3	Rel-5	S4	03/01/2000	17/04/2000	100%	-	-	-		
##	2305	1459	Design Constraints	-	4	Rel-5	S4[96%]	03/01/2000	07/02/2000	100%	-	-	-		
##	2306	1460	General Description	-	4	Rel-5	S4	07/02/2000	17/04/2000	100%	-	-	-		
##	2307	1626	Feasibility Study	-	3	Rel-5	S4	28/04/2000	02/06/2000	100%	<a href="#">SP-000024</a>	-	S4,TD SP-000024: TR 26.901 v.4.0.(		
##	2308	1656	N1 Aspects	-	3	Rel-5	N1	21/09/2001	21/12/2001	100%	-	-	Some of N1 tasks: Indication of supp		
##	2309	14005	N4 work	-	3	Rel-5	N4	13/02/2002	07/06/2002	100%	<a href="#">N4-010538</a>	-	CN4#11 30/11/01: No inputs to CN4 i		
##	2310	67	Codec issues	-	3	Rel-5	S4	03/01/2000	07/06/2002	100%	-	-	-		
##	2311	1627	Codec qualification	-	4	Rel-5	S4	02/02/2000	31/05/2000	100%	-	-	-		
##	2312	74	Codec selection tests	-	4	Rel-5	S4	01/06/2000	20/10/2000	100%	-	-	-		
##	2313	891	Codec selection	-	4	Rel-5	S4	23/10/2000	27/10/2000	100%	-	-	-		
##	2314	34007	TFO AMR-WB	AMRWB-TFO	4	Rel-5	S4	18/12/2001	14/03/2002	100%	-	-	-		
##	2315	890	Other codec issues (verif., characterization)	-	4	Rel-5	S4	29/09/2000	07/06/2002	100%	-	-	ANSI C-Code , Test Sequences, Spe		
##	2316	34008	AMR-WB and narrowband interworking	AMRWB-IWG	4	Rel-5	S4	27/09/2001	14/03/2002	100%	-	-	-		
##	2317	34009	Interworking with fixed broadband networks	-	4	Rel-5	S4	27/09/2001	14/03/2002	100%	-	-	-		
##	2318	34010	Tones and announcements	-	4	Rel-5	S4	27/09/2001	14/03/2002	100%	-	-	-		
##	####	34011	Deleted - WB Conferencing and WB Voice Group calls	-	4	Rel-5	S1	03/01/2000	03/01/2000	100%	-	-	-		
##	2320	1855	Conformance tests (CRs to 34 series)	-	3	Rel-5	T1	01/01/2000	12/04/2000	100%	-	-	-		
##	2321	76	Terminal Acoustic Characteristics	-	4	Rel-5	S4	01/01/2000	12/04/2000	100%	-	-	-		
##	2322	1628	Definition	-	5	Rel-5	S4[95%]	01/01/2000	31/01/2000	100%	-	-	-		

ID	ID	Unique_ID	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	2323	1629	Test specification	-	5	Rel-5	S4	01/02/2000	12/04/2000	100%	-	-	-		
##	2324	34004	Floating-point ANSI-C code for the AMR-WB speech codec	AMRWB-FP	2	Rel-5	S4	25/09/2001	14/03/2002	100%	<a href="#">SP-010459</a>	Nokia	-		
##	<b>2325</b>	<b>80</b>	<b>Support of AMR-WB in GERAN: GMSK and 8PSK WB FR / HR</b>	<b>GAMRWB</b>	<b>2</b>	<b>Rel-5</b>	<b>GP</b>	<b>03/01/2000</b>	<b>28/06/2002</b>	<b>100%</b>	<a href="#">GP-000453</a>	-	-		
##	2326	50298	Channel coding in 45.003	-	3	Rel-5	GP	03/01/2000	05/04/2002	100%	-	-	50098 -> 50298		
##	2327	2266	Signalling for the A interface	-	3	Rel-5	GP	03/01/2000	29/06/2001	100%	-	-	-		
##	2328	2267	Signalling for Iu	-	3	Rel-5	GP	03/01/2000	28/06/2002	100%	-	-	-		
##	2329	2268	Receiver performance in TS 45.005	-	3	Rel-5	GP	02/04/2001	28/06/2002	100%	-	-	-		
##	2330	50000	Link Adaptation in 45.009	-	3	Rel-5	GP	26/03/2001	28/06/2002	100%	-	-	-		
##	####	2269	<i>Deleted - GERAN MS conformance test for AMR-WB</i>	-	2	Rel-5	GP	03/01/2000	19/12/2003	100%	<a href="#">GP-000454</a>	-	Not started 02/2003. Marked as stop		
##	####	2270	<i>Deleted - MS test for AMR-WB</i>	-	3	Rel-5	GP	03/01/2000	19/12/2003	100%	-	-	Marked as stopped 12/2008		
##	<b>2333</b>	<b>2271</b>	<b>GERAN BTS conformance test for AMR-WB</b>	-	<b>2</b>	<b>Rel-5</b>	<b>GP</b>	<b>03/01/2000</b>	<b>02/12/2002</b>	<b>100%</b>	<a href="#">GP-000455</a>	-	-		
##	2334	2272	BTS test	-	3	Rel-5	GP	03/01/2000	02/12/2002	100%	-	-	-		
##	<b>2335</b>	<b>1826</b>	<b>Terminal interfaces</b>	<b>TI</b>	<b>1</b>	<b>Rel-5</b>	<b>T2</b>	<b>14/05/2001</b>	<b>20/03/2002</b>	<b>100%</b>	<a href="#">not needed</a>	-	-		
##	2336	2573	Terminal local model enhancements	TLM5	2	Rel-5	T2	14/05/2001	20/03/2002	100%	<a href="#">TP-010224</a>	-	-		
##	<b>2337</b>	<b>1536</b>	<b>Rel-5 Location Services enhancements</b>	<b>LCS1</b>	<b>1</b>	<b>Rel-5</b>	<b>S2,S5</b>	<b>03/04/2000</b>	<b>27/06/2003</b>	<b>100%</b>	<a href="#">SP-010518</a>	Nokia	-		
##	<b>2338</b>	<b>1600</b>	<b>UE positioning</b>	<b>LCS1-UEPos</b>	<b>2</b>	<b>Rel-5</b>	<b>RP</b>	<b>15/01/2001</b>	<b>29/03/2002</b>	<b>100%</b>	<a href="#">RAN_Wis</a>	-	-		
##	2339	2474	UE positioning enhancements for 1.28 Mcps TDD	LCS-128Pos	3	Rel-5	R2	09/04/2001	29/03/2002	100%	<a href="#">RAN_Wis</a>	CATT	-		
##	2340	2125	Open SMLC-SRNC Interface within the UTRAN to support A-GPS F	LCS-INTF	3	Rel-5	R2	15/01/2001	12/10/2001	100%	<a href="#">RAN_Wis</a>	Qualcomm	Finished at RP#13		
##	<b>2341</b>	<b>1171</b>	<b>Event based and Periodic LCS</b>	<b>LCS1-EBP</b>	<b>2</b>	<b>Rel-5</b>	<b>S1</b>	<b>22/05/2000</b>	<b>07/06/2002</b>	<b>100%</b>	-	-	-		
##	2342	1641	Stage 1	-	3	Rel-5	S1	22/05/2000	17/11/2000	100%	-	Pacific Bell W	Evaluate Event based and Periodic L		
##	2343	1538	Stage 2 specification	-	3	Rel-5	S2	06/11/2000	26/01/2001	100%	-	-	Marked as closed 12/2008 (was mark		
##	2344	1179	Impact on MAP	-	3	Rel-5	N4	15/03/2002	07/06/2002	100%	-	-	Possible impact on UTRAN of LCS q		
##	<b>2345</b>	<b>2436</b>	<b>Location Services for GERAN in A/Gb Mode</b>	<b>LCS-GERAN</b>	<b>2</b>	<b>Rel-5</b>	<b>GP</b>	<b>03/04/2000</b>	<b>08/02/2002</b>	<b>100%</b>	<a href="#">GP-011925</a>	-	-		
##	2346	2437	GERAN LCS Stage 2 (first release)	-	3	Rel-5	GP,S2,G1,	03/04/2000	08/02/2002	100%	-	-	-		
##	2347	2438	Gb interface support for LCS	-	3	Rel-5	GP	03/04/2000	31/08/2001	100%	-	-	-		
##	2348	2440	L3 protocol support for LCS	-	3	Rel-5	GP	03/04/2000	01/06/2001	100%	-	-	-		
##	2349	2441	Stage 3 specifications	-	3	Rel-5	GP	03/04/2000	01/06/2001	100%	-	-	-		
##	<b>2350</b>	<b>2442</b>	<b>Location Services for GERAN in Iu Mode</b>	-	<b>2</b>	<b>Rel-5</b>	<b>S2,G1,G2,</b>	<b>03/04/2000</b>	<b>28/06/2002</b>	<b>100%</b>	<a href="#">GP-011926</a>	-	-		
##	2351	2443	GERAN LCS Stage 2	-	3	Rel-5	S2,G1,G2	03/04/2000	28/06/2002	100%	-	-	-		
##	2352	2444	Iu-ps interface support for LCS	-	3	Rel-5	R2,R3	03/04/2000	28/06/2002	100%	-	-	-		
##	2353	2445	Iu-cs interface support for LCS	-	3	Rel-5	R2,R3	03/04/2000	28/06/2002	100%	-	-	-		
##	2354	2446	Iur-g interface support for LCS	-	3	Rel-5	G1,G2	23/01/2002	19/04/2002	100%	-	-	FFS		
##	2355	2447	RRC protocol support for LCS	-	3	Rel-5	G1,G2,R2,	20/08/2001	30/11/2001	100%	-	-	-		
##	2356	2448	Additional impacts on Broadcast of LCS data on packet channels	-	3	Rel-5	G1,G2,R2,	20/08/2001	05/12/2001	100%	-	-	-		
##	2357	2449	Stage 3 specifications	-	3	Rel-5	G1,G2,R2,	25/03/2002	28/06/2002	100%	-	-	-		
##	<b>2358</b>	<b>50068</b>	<b>GERAN MS Conformance test for LCS</b>	<b>LCS-GERAN-MScon</b>	<b>2</b>	<b>Rel-5</b>	<b>GP</b>	<b>03/06/2002</b>	<b>27/06/2003</b>	<b>100%</b>	<a href="#">GP-000458</a>	-	-		
##	2359	55069	Develop LCS MS test case work plan (Release 98/99/4)	-	3	Rel-5	G4,G5	03/06/2002	27/06/2003	100%	-	-	Marked as closed 12/2008 (was mark		
##	2360	55070	Develop LCS MS test cases	-	3	Rel-5	G4,G5	03/06/2002	27/06/2003	100%	-	-	Marked as closed 12/2008 (was mark		
##	<b>2361</b>	<b>50069</b>	<i>Deleted - GERAN BTS Conformance test for LCS</i>	<i>LCS-GERAN-BTScon</i>	<b>2</b>	<b>Rel-5</b>	<b>GP</b>	<b>03/06/2002</b>	<b>27/06/2003</b>	<b>100%</b>	<a href="#">GP-000459</a>	-	Not started 02/3003. Marked as stop		
##	2362	55071	<i>Deleted - Develop LCS BTS test case work plan (Release 98/99/4)</i>	-	3	Rel-5	G4,G5	03/06/2002	27/06/2003	100%	-	-	Marked as stopped 12/2008		
##	2363	55072	<i>Deleted - Develop LCS BTS test cases</i>	-	3	Rel-5	G4,G5	03/06/2002	27/06/2003	100%	-	-	Marked as stopped 12/2008		
##	2364	544	LCS interoperation stage 2 aspects	-	2	Rel-5	S2	28/08/2000	28/06/2002	100%	-	-	Marked as closed 12/2008 (was mark		
##	<b>2365</b>	<b>2434</b>	<b>LCS interoperability aspects to GERAN</b>	<b>LCS-GERAN</b>	<b>2</b>	<b>Rel-5</b>	<b>GP,S5</b>	<b>28/08/2000</b>	<b>28/06/2002</b>	<b>100%</b>	<a href="#">GP-000456</a>	-	-		

ID	ID	Unique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	2366	2435	Co-ordinated development of GSM LCS Phase 2 and UMTS LCS, S	LCS-GERAN	3	Rel-5	GP,S2,S5,	28/08/2000	28/06/2002	100%	-	-	-		
##	2367	1183	FS on LCS support in the IMS	-	2	Rel-5	S1	12/02/2001	18/01/2002	100%	-	-	Marked as closed 12/2008 (was mark		
##	2368	35008	Charging and OAM&P for LCS enhancements	LCS1-OAM	2	Rel-5	S5	21/09/2001	28/06/2002	100%	<a href="#">SP-010461</a>	VoiceStream,	-		
##	2369	521	New security aspects of LCS (not identified)	LCS1-SEC	2	Rel-5	S3	14/04/2000	28/12/2001	100%	<a href="#">SP-000421</a>	Nokia	14/09/00: WI may need to be split to i		
##	2370	32011	Specification for the Le Interface	LCS1-Le	2	Rel-5	S2	14/01/2002	15/03/2002	100%	<a href="#">SP-020180</a>	-	-		
##	2371	32022	<i>Deleted - CHECK STATUS - Inter-GMLC interface</i>	-	2	Rel-5	S2	30/05/2002	30/12/2002	100%	-	-	Marked as stopped 12/2008		
##	2372	501571	<b>Rel-5 Security enhancements</b>	-	1	Rel-5	S3	21/02/2000	28/06/2002	100%	<a href="#">SP-000421</a>	Vodafone	Added BB UE authentication and r;		
##	2373	1576	<b>Network domain security</b>	SEC1-NDS	2	Rel-5	S3	21/02/2000	28/06/2002	100%	<a href="#">SP-000420</a>	Telenor	S3#17: All due in Rel5. (WI Update		
##	2374	1577	<i>Deleted -Control plane protection in core network (e.g., GTP, CAP, I</i>	-	3	Rel-5	S3	12/05/2000	07/06/2002	100%	-	-	Marked as stopped 12/2008		
##	2375	1578	<i>Deleted - Main aspects</i>	-	4	Rel-5	S3	12/05/2000	21/06/2001	100%	-	-	TO BE DELETED. Marked as stoppe		
##	2376	1579	<i>Deleted -Integration of GTP signalling security architecture</i>	-	4	Rel-5	N4	14/09/2001	07/06/2002	100%	-	-	Waiting for input from SA3!... Marke		
##	2377	1580	<i>Deleted -User plane protection in core network (e.g., provided by IP</i>	-	3	Rel-5	S3	21/02/2000	28/06/2002	100%	-	-	TO BE DELETED. Marked as stoppe		
##	2378	1581	<i>Deleted -Main aspects</i>	-	4	Rel-5	S3	21/02/2000	21/06/2001	100%	-	-	-		
##	2379	1582	<i>Deleted -Integration of GTP signalling security architecture</i>	-	4	Rel-5	N4	14/09/2001	28/06/2002	100%	-	-	14/02/2002 requirements are not clea		
##	2380	2576	IP network layer security (NDS/IP)	SEC1-NDS-IP	3	Rel-5	S3	15/06/2000	15/03/2002	100%	<a href="#">SP-010326</a>	Telenor	2002/12: All IPsec RFCs are stable S		
##	2381	2243	<b>Intra Domain Connection of RAN Nodes to Multiple (</b>	IUFLEX	1	Rel-5	S2	02/10/2000	28/06/2002	100%	<a href="#">SP-000619</a>	Ericsson	No clear indication on the end date		
##	2382	2244	Overall System Architecture	-	2	Rel-5	S2	03/01/2001	21/09/2001	100%	-	-	-		
##	2383	20000	Stage 3: RAN node selecting CN node	-	2	Rel-5	R3	24/09/2001	22/03/2002	100%	-	Vodafone	Not identified		
##	2384	2248	N1 work	-	2	Rel-5	N1	17/09/2001	28/06/2002	100%	<a href="#">NP-010693</a>	-	-		
##	2385	2249	N4 work	-	2	Rel-5	N4	02/10/2000	08/03/2002	100%	<a href="#">NP-000737</a>	-	DAB 12.12.01 - % complete to 66%...		
##	2386	50067	<b>GERAN work for Intra Domain Connection of RAN Nodes to Multiple</b>	IDCRAN-GERAN	2	Rel-5	GP	08/02/2002	28/06/2002	100%	<a href="#">GP-020492</a>	Ericsson	Accept changes Gb over IP		
##	2387	51068	Stage 2 (changes to )	-	3	Rel-5	G1	08/02/2002	28/06/2002	100%	-	-	-		
##	2388	51069	43.051 Introduction of support for IDNNS in GERAN lu mode	-	3	Rel-5	G1	08/02/2002	28/06/2002	100%	-	-	-		
##	2389	52070	Stage 3 (changes to )	-	3	Rel-5	G2	08/02/2002	28/06/2002	100%	-	-	-		
##	2390	52077	48.016 Use of Gb interface concepts when a network applies IDNNS	-	3	Rel-5	G2	08/02/2002	28/06/2002	100%	-	-	Closed, accept changes for Gb over		
##	2391	52078	48.018 Include MSC/VLR identity in CS IMSI paging	-	3	Rel-5	G2	08/02/2002	28/06/2002	100%	-	-	-		
##	2392	2320	<i>Deleted - GERAN improvements 3 (new transport layer on interface A)</i>	GEIMP3	1	Rel-5	GP	06/04/2001	20/12/2002	100%	<a href="#">GP-010909</a>	-	Terminated - not standardized. Mai		
##	2393	2321	<i>Deleted - Evolution of the transport for A</i>	GEIMP3-EIA	2	Rel-5	GP	06/04/2001	20/12/2002	100%	<a href="#">GP-010910</a>	-	TERMINATED - NOT STANDARDIZI		
##	2394	2322	<i>Deleted - Definition of a new A/Ater interface Transport Layer option</i>	-	3	Rel-5	GP	06/04/2001	20/12/2002	100%	-	-	TERMINATED - NOT STANDARDIZI		
##	2395	2323	<i>Deleted - Adaptation of the Layer 3 BSSMAP procedures as require</i>	-	3	Rel-5	GP	06/04/2001	20/12/2002	100%	-	-	TERMINATED - NOT STANDARDIZI		
##	2396	501142	<b>Rel-5 Charging Management &amp; Operations, Adminis</b>	OAM	1	Rel-5	S5	10/09/2001	12/09/2002	100%	<a href="#">SP-010461</a>	VoiceStream	-		
##	2397	35002	Rel5 Principles, high level Requirements and Architecture	OAM-AR/PR	2	Rel-5	S5	17/09/2001	28/06/2002	100%	<a href="#">SP-010461</a>	Motorola	-		
##	2398	35003	Rel5 Performance Management	OAM-PM	2	Rel-5	S5	17/09/2001	12/09/2002	100%	<a href="#">SP-010631</a>	Nortel	-		
##	2399	35004	Rel5 Charging Management	OAM-CH	2	Rel-5	S5	10/09/2001	12/09/2002	100%	<a href="#">SP-010631</a>	T-Mobile	-		
##	2400	35001	Rel5 Network Infrastructure Management	OAM-NIM	2	Rel-5	S5	21/09/2001	12/09/2002	100%	<a href="#">SP-010461</a>	Ericsson	-		
##	2401	2392	<b>GERAN enhancements for streaming services 1 (RL</b>	-	1	Rel-5	GP	06/11/2000	28/06/2002	100%	<a href="#">GP-010429</a>	-	-		
##	2402	2394	Concept	-	2	Rel-5	GP	06/11/2000	31/10/2001	100%	-	-	-		
##	2403	2395	RLC protocol enhancement (SDU Discard)	-	2	Rel-5	GP	06/11/2000	28/06/2002	100%	-	-	-		
##	2404	2396	<b>GERAN enhancements for streaming services 2 (usa</b>	-	1	Rel-5	GP	06/11/2000	28/06/2002	100%	<a href="#">GP-010430</a>	Ericsson	AWS, Nokia, Ericsson, Nortel, Siem		
##	2405	2398	Usage of ECSD Concept	-	2	Rel-5	GP	06/11/2000	19/04/2002	100%	-	-	-		
##	2406	2399	Stage 2	-	2	Rel-5	GP	06/11/2000	19/04/2002	100%	-	-	-		
##	2407	2400	Stage 3	-	2	Rel-5	GP	06/11/2000	28/06/2002	100%	-	-	-		
##	2408	2401	RLC PDU formats	-	2	Rel-5	GP	06/11/2000	28/06/2002	100%	-	-	-		



ID	ID	Unique_IC	Name	Acronym	utilit level	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	2409	2402	MAC header	-	2	Rel-5	GP	06/11/2000	28/06/2002	100%	-	-	-		
##	2410	2412	<b>GERAN/UTRAN interface evolution 1 (evolution of lu</b>	GERUEV1	1	Rel-5	GP,R3	01/09/2000	28/06/2002	100%	<a href="#">GP-010481</a>	SBC	SBC, Motorola, Nokia, Ericsson, Nc		
##	2411	2413	<b>Evolution of lu ps</b>	GERUEV1-luPS	2	Rel-5	GP,R3	01/09/2000	28/06/2002	100%	-	-	-		
##	2412	2414	Identification of GERAN requirements on lu ps	-	3	Rel-5	GP,R3	01/09/2000	30/11/2001	100%	-	-	-		
##	2413	2415	Update of specifications	-	3	Rel-5	GP,R3	03/12/2001	28/06/2002	100%	-	-	-		
##	2414	2416	<b>GERAN/UTRAN interface evolution 2 (evolution of lu</b>	GERUEV2	1	Rel-5	GP,R3	01/09/2000	28/06/2002	100%	<a href="#">GP-010417</a>	-	-		
##	2415	2417	<b>Evolution of lu cs</b>	GERUEV2-luCS	2	Rel-5	GP,R3	01/09/2000	28/06/2002	100%	<a href="#">GP-000430</a>	Lucent	Lucent, Ericsson, AWS, Nortel		
##	2416	2418	Identification of GERAN requirements on lu cs	-	3	Rel-5	GP,R3	01/09/2000	24/06/2002	100%	-	-	-		
##	2417	2419	Update of specifications	-	3	Rel-5	GP,R3	01/09/2000	28/06/2002	100%	-	-	-		
##	2418	2556	<b>End to End QoS for PS Domain including IMS</b>	E2EQoS	1	Rel-5	S2	28/08/2000	28/06/2002	100%	<a href="#">SP-010343</a>	Ericsson	-		
##	2419	2557	E2E QoSConcept and Architecture	-	2	Rel-5	S2	03/01/2001	07/09/2001	100%	-	-	-		
##	2420	2558	E2E QoS interworking	E2EQoS-IW	2	Rel-5	N3	28/08/2000	07/06/2002	100%	<a href="#">NP-010528</a>	Lucent	[DAB - 30/07/02] - % complete to 95%		
##	2421	2559	QoS Management (Provisioning and Monitoring)	E2EQoS-OAM	2	Rel-5	S5	21/09/2001	28/06/2002	100%	<a href="#">SP-010461</a>	VoiceStream,	-		
##	2422	2569	<b>Messaging enhancements Rel-5</b>	MESS5	1	Rel-5	T2	15/06/2001	31/03/2003	100%	-	-	support of UAProf, so this in my o		
##	2423	2571	<b>Multimedia Messaging (MMS) enhancements</b>	MESS5-MMS	2	Rel-5	T2	15/06/2001	31/03/2003	100%	<a href="#">TP-010130</a>	Siemens	-		
##	2424	31000	Definition of service requirements	MESS5-SR	3	Rel-5	S1	15/06/2001	15/03/2002	100%	-	Siemens	-		
##	2425	42000	Technical realization	-	3	Rel-5	T2	15/06/2001	07/06/2002	100%	-	Siemens	stage 3 MM7 is missing		
##	2426	42008	WAP Forum dependency: MM1 stage 3	-	3	Rel-5	T2	15/06/2001	31/03/2003	100%	-	-	Marked as closed 12/2008 (was mark		
##	2427	34018	MMS formats and codecs	-	3	Rel-5	S4	03/12/2001	15/03/2002	100%	-	-	-		
##	2428	2572	<b>Enhanced Messaging Service (EMS) enhancements</b>	MESS5-EMS	2	Rel-5	T2	15/06/2001	08/03/2002	100%	<a href="#">TP-010153</a>	Ericsson	-		
##	2429	31001	Definition of service requirements	-	3	Rel-5	S1	15/06/2001	14/09/2001	100%	-	Ericsson	-		
##	2430	42001	Technical realization	-	3	Rel-5	T2	15/06/2001	08/03/2002	100%	-	Ericsson	-		
##	2431	50001	<b>GERAN Inter BSC NACC improvements over the Gb</b>	GERNACC	1	Rel-5	GP	03/09/2001	28/06/2002	100%	<a href="#">GP-012313</a>	-	-		
##	2432	14501	<b>Modification of core network protocols for GERAN Inter BSC NACC</b>	GERNACC-Cnmod	2	Rel-5	N4,S2	03/09/2001	19/04/2002	100%	<a href="#">GP-011877</a>	-	-		
##	2433	32502	Stage 2 - Concept	-	3	Rel-5	N4,S2	03/09/2001	31/10/2001	100%	-	-	-		
##	2434	14502	Stage 2 - 23.060 change - Definition of Inter BSC NACC	-	3	Rel-5	N4,S2	03/09/2001	19/04/2002	100%	-	-	-		
##	2435	14503	Stage 3 (changes to TS 29.060)	-	3	Rel-5	N4	03/09/2001	08/03/2002	100%	-	-	IP 30/11/01: Input awaited from GER/		
##	2436	50002	<b>Modification of Gb protocols for GERAN Inter BSC NACC over Gb Ir</b>	GERNACC-Gbmod	2	Rel-5	GP	30/11/2001	28/06/2002	100%	<a href="#">GP-012314</a>	-	-		
##	2437	50003	Stage 3 (changes to TS 48.018)	-	3	Rel-5	GP	30/11/2001	28/06/2002	100%	-	-	-		
##	2438	50033	<b>Enhanced Power Control</b>	EPC	1	Rel-5	GP	26/11/2001	19/12/2003	100%	<a href="#">GP-012748</a>	-	-		
##	2439	50034	Realization of Enhanced power control and signalling support	-	2	Rel-5	GP	26/11/2001	30/11/2001	100%	<a href="#">GP-012749</a>	-	Completed 11/2001		
##	2440	50035	<i>Deleted - GERAN MS Conformance test for Enhanced Power Control</i>	-	2	Rel-5	GP	10/12/2001	19/12/2003	100%	<a href="#">GP-012750</a>	-	Not started. Marked as stopped 12/20		
##	2441	50036	<i>Deleted - GERAN BTS Conformance test for Enhanced Power Control</i>	-	2	Rel-5	GP	10/12/2001	19/12/2003	100%	<a href="#">GP-012751</a>	-	Not started. Marked as stopped 12/20		
##	2442	50037	<b>8PSK AMR HR</b>	8PSK-AH	1	Rel-5	GP	10/12/2001	19/12/2003	100%	<a href="#">GP-012752</a>	-	Completed for Rel-5		
##	2443	50038	<b>Definition of channel coding, performance requirements and signal</b>	-	2	Rel-5	GP	10/12/2001	28/06/2002	100%	<a href="#">GP-012753</a>	-	-		
##	2444	50061	Concept	-	3	Rel-5	GP	10/12/2001	28/06/2002	100%	-	-	-		
##	2445	52004	Changes to 44.018	-	3	Rel-5	G2	10/12/2001	28/06/2002	100%	-	-	-		
##	2446	51025	Changes to 45.001	-	3	Rel-5	G1	10/12/2001	28/06/2002	100%	-	-	-		
##	2447	51026	Changes to 45.002	-	3	Rel-5	G1	10/12/2001	28/06/2002	100%	-	-	-		
##	2448	51027	Changes to 45.003	-	3	Rel-5	G1	10/12/2001	28/06/2002	100%	-	-	-		
##	2449	51028	Changes to 45.005	-	3	Rel-5	G1	10/12/2001	28/06/2002	100%	-	-	-		
##	2450	52005	Changes to 24.008	-	3	Rel-5	G2	10/12/2001	28/06/2002	100%	-	-	-		
##	2451	52006	Changes to 48.058	-	3	Rel-5	G2	10/12/2001	28/06/2002	100%	-	-	-		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	####	50039	Deleted - GERAN MS Conformance test for 8PSK HR	-	2	Rel-5	GP	10/12/2001	19/12/2003	100%	<a href="#">GP-012754</a>	-	Marked as stopped 12/2008		
##	2453	50040	GERAN BTS Conformance test for 8PSK HR	-	2	Rel-5	GP	10/12/2001	20/12/2002	100%	<a href="#">GP-012755</a>	-	-		
##	2454	13000	<b>Service Change and UDI Fallback</b>	SCUDIF	1	Rel-5	N3	08/10/2001	07/06/2002	100%	<a href="#">NP-020164</a>	Ericsson	-		
##	2455	501800	<b>Rel-5 USIM toolkit enhancements</b>	USAT1-Interpr	1	Rel-5	T3	05/06/2000	26/09/2003	100%	<a href="#">not needed</a>	G & D	-		
##	2456	43002	Deleted - Test specification for USIM toolkit security mechanisms	-	2	Rel-5	T3	28/05/2002	26/09/2003	100%	<a href="#">TP-020028</a>	Gemplus	Marked as stopped 12/2008		
##	2457	1801	<b>Protocol Standardisation of a SIM Toolkit Interpreter</b>	USAT1-Interpr	2	Rel-5	T3	05/06/2000	22/01/2003	100%	<a href="#">TP-000116</a>	G & D	28/5/2001: T3-19 proposed that sin		
##	2458	2497	Stage 1	USAT1-Interpr	3	Rel-5	T3	05/06/2000	16/03/2001	100%	-	-	5/10/2001: Stage one competed at T		
##	2459	2496	Stage 2 and 3	USAT1-Interpr	3	Rel-5	T3	03/01/2001	08/03/2002	100%	-	-	5/10/2001: TS 31.112 and 31.113 app		
##	2460	2518	Test specification	USAT1-Interpr	3	Rel-5	T3	03/09/2001	22/01/2003	100%	<a href="#">TP-010111</a>	Gemplus	5/10/2001: Work started on test speci		
##	2461	501802	<b>(U)SIM API</b>	USAT1-API	2	Rel-5	T3	20/03/2002	20/09/2002	100%	<a href="#">TP-020029</a>	Microelectró	8/3/2001: test spec is based on R95		
##	2462	5043001	Java API Test specification	USAT1-API	3	Rel-5	T3	20/03/2002	20/09/2002	100%	<a href="#">TP-020029</a>	Microelectrón	-		
##	2463	30001	<b>(Small) Technical Enhancements and Improvements</b>	TEI5	1	Rel-5	All	03/01/2000	03/01/2000	100%	-	-	"Joker" WI, to be used for a Rel 5 CR		
##	2464	25018	<b>Test - (Small) Technical Enhancements and Improve</b>	TEI5_Test	1	Rel-5	R5,T1	03/01/2000	31/12/2008	100%	<a href="#">5 Work Items</a>	-	"Joker" WI, to be used for small modil		
##	2465	31013	<b>Technical Report on UE Functionality Split</b>	UESPLIT	1	Rel-5	S1[99%]	03/01/2000	01/05/2000	100%	<a href="#">SP-010484</a>	Motorola	-		
##	2466	2520	<b>User Equipment Management</b>	UEM	1	Rel-5	S5	21/06/2001	28/06/2002	100%	<a href="#">SP-010286</a>	Vodafone	-		
##	2467	35000	FS on User Equipment (UE) Management	OAM-UEM	2	Rel-5	S5	21/06/2001	28/06/2002	100%	<a href="#">SP-010286</a>	Vodafone	-		
##	2468	50201	<b>Flow control supporting an MS with multiple data fl</b>	FlowCon	1	Rel-5	GP	24/06/2002	30/08/2002	100%	<a href="#">GP-021767</a>	Ericsson	50101 -> 50201		
##	2469	50202	<b>Update of stage 2 specifications</b>	-	2	Rel-5	GP	24/06/2002	30/08/2002	100%	-	-	50102 -> 50202		
##	2470	32097	Concept document 23.060 (changes to)	-	3	Rel-5	S2	28/06/2002	30/08/2002	100%	-	-	-		
##	2471	50203	Flow Control	-	3	Rel-5	GP	24/06/2002	28/06/2002	100%	-	-	50103 -> 50203		
##	2472	50104	<b>Modification of BSSGP protocol</b>	-	2	Rel-5	GP	24/06/2002	28/06/2002	100%	<a href="#">GP-021508</a>	Ericsson	-		
##	2473	52095	Stage 3 (changes to 48.018)	-	3	Rel-5	G2	24/06/2002	28/06/2002	100%	-	-	-		
##	####	50058	Deleted - Multiple TBF in A/Gb mode - Phase 1	MULTBF	1	Rel-5	GP	19/04/2002	28/11/2003	100%	<a href="#">GP-021263</a>	Ericsson	GP#17 Nov 2003 Moved to Rel-6 as i		
##	####	50059	Deleted - Multiple TBF in A/Gb mode - Phase 1	MULTBF-Agbmode	2	Rel-5	GP	19/04/2002	22/08/2003	100%	<a href="#">GP-021263</a>	-	Marked as closed 12/2008 (was mark		
##	####	50060	Deleted - Multiple TBF Concept paper	MULTBF-Agbmode	3	Rel-5	GP	19/04/2002	22/08/2003	100%	-	-	Marked as closed 12/2008 (was mark		
##	####	51001	Deleted - Multiple TBF Stage 2 (43.064) CRs	MULTBF-Agbmode	3	Rel-5	G1	19/04/2002	22/11/2002	100%	-	-	Marked as stopped 12/2008		
##	####	50062	Deleted - Multiple TBF Stage 3 (44.060) CRs	MULTBF-Agbmode	3	Rel-5	G2	19/04/2002	22/11/2002	100%	-	-	Marked as stopped 12/2008		
##	####	50206	Deleted - Multiple TBF in A/Gb mode - MS testing	-	2	Rel-5	GP	24/06/2002	28/11/2003	100%	<a href="#">GP-022098</a>	Ericsson	08/08: duplicate UID_50106=> 50201		
##	####	54101	Deleted - MS conformance tests	-	3	Rel-5	G4	24/06/2002	28/11/2003	100%	-	-	Not started. Marked as stopped 12/20		
##	2481	2345	<b>Alignment of 3G functional split and lu</b>	GER3GAL	1	Rel-5	GP	08/06/2000	19/12/2003	100%	<a href="#">GP-021256</a>	Ericsson	AWS, Nokia, Ericsson, Nortel, Siem		
##	2482	2346	GERAN user / control plane	GER3GAL-GUCOPL	2	Rel-5	GP	07/08/2000	30/08/2002	100%	<a href="#">GP-021255</a>	Ericsson	AWS, Nokia, Ericsson, Nortel, Siem		
##	2483	2347	<b>Alignment with UMTS bearer concept</b>	-	3	Rel-5	GP	07/08/2000	30/08/2002	100%	-	-	-		
##	2484	50300	Enhanced power control	-	4	Rel-5	GP	31/08/2001	31/08/2001	100%	-	-	-		
##	2485	2423	Stage 2	-	4	Rel-5	GP	07/08/2000	29/06/2001	100%	-	-	-		
##	2486	2348	Adoption of the UTRAN PDCP	-	4	Rel-5	GP	06/11/2000	21/12/2001	100%	-	-	Responsible is GERAN; RAN WG2 h		
##	2487	50043	Development of RLC / MAC	-	4	Rel-5	GP	31/08/2001	30/08/2002	100%	-	-	-		
##	2488	50044	Development of GERAN RRC	-	4	Rel-5	GP	22/06/2001	28/06/2002	100%	-	-	-		
##	2489	50045	Ciphering and integrity protection concept paper	-	4	Rel-5	GP	31/08/2001	19/04/2002	100%	-	-	-		
##	2490	50046	Multiple TBF or equivalent Concept paper	-	4	Rel-5	GP	31/08/2001	08/02/2002	100%	-	-	-		
##	2491	50047	Paging concept	-	4	Rel-5	GP	31/08/2001	19/04/2002	100%	-	-	-		
##	2492	50048	Dedicated Physical subchannels, includes traffic and control ch	-	4	Rel-5	GP	31/08/2001	30/11/2001	100%	-	-	-		
##	2493	50049	Iu support and broadcast concept	-	4	Rel-5	GP	31/08/2001	19/04/2002	100%	-	-	-		
##	2494	50050	Impact of using RLC instead of LAPDm concept	-	4	Rel-5	GP	31/08/2001	08/02/2002	100%	-	-	-		

ID	ID	Jnique_IC	Name	Acronym	utilir leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	2495	50051	Contention resolution, mobile station identity, and access conce	-	4	Rel-5	GP	31/08/2001	30/11/2001	100%	-	-	-		
##	2496	50052	PDCP concept	-	4	Rel-5	GP	31/08/2001	19/04/2002	100%	-	-	-		
##	2497	50053	Downlink delayed TBF release	-	4	Rel-5	GP	31/08/2001	30/08/2002	100%	-	-	-		
##	2498	50054	Add transparent RLC Concept	-	4	Rel-5	GP	31/08/2001	08/02/2002	100%	-	-	-		
##	2499	50055	Handover concept	-	4	Rel-5	GP	31/08/2001	08/02/2002	100%	-	-	-		
##	2500	2424	Physical layer alignment with UMTS bearer concept	-	3	Rel-5	GP	06/11/2000	30/11/2001	100%	-	-	-		
##	2501	2356	PDTCH/TCH in 45.003	-	4	Rel-5	GP	06/11/2000	08/06/2001	100%	-	-	-		
##	2502	2357	Control channels in 45.003	-	4	Rel-5	GP	06/11/2000	08/06/2001	100%	-	-	-		
##	2503	2358	Receiver performance in 45.005 for PDTCH/TCH and control c	-	4	Rel-5	GP	06/11/2000	30/11/2001	100%	-	-	-		
##	2504	2359	lu rg interface	GER3GAL-lurg	2	Rel-5	GP,RP	06/11/2000	28/06/2002	100%	<a href="#">GP-010428</a>	Ericsson	AWS, Nokia, Ericsson, Nortel, Siem		
##	2505	2425	Inter BSS interface	-	3	Rel-5	GP,RP	06/11/2000	28/06/2002	100%	-	-	-		
##	2506	2360	Identification of requirements	-	4	Rel-5	GP	06/11/2000	28/06/2002	100%	-	-	-		
##	2507	2361	Stage 2	-	4	Rel-5	GP	06/11/2000	28/06/2002	100%	-	-	-		
##	2508	2362	Adoption of relevant parts from lur	-	4	Rel-5	GP	06/11/2000	28/06/2002	100%	-	-	-		
##	2509	2363	Complementation with GERAN specifics	-	4	Rel-5	GP	06/11/2000	28/06/2002	100%	-	-	-		
##	2510	2364	Stage 3	-	4	Rel-5	GP	06/11/2000	28/06/2002	100%	-	-	-		
##	2511	2426	Inter BSS-RNS interface	-	3	Rel-5	GP,RP	06/11/2000	28/06/2002	100%	-	-	-		
##	2512	2365	Identification of requirements	-	4	Rel-5	GP,R3	06/11/2000	28/06/2002	100%	-	-	-		
##	2513	2366	Stage 2	-	4	Rel-5	GP,R3	06/11/2000	28/06/2002	100%	-	-	-		
##	2514	2367	Adoption of relevant parts from lur	-	4	Rel-5	GP,R3	06/11/2000	28/06/2002	100%	-	-	-		
##	2515	2368	Complementation with GERAN specifics	-	4	Rel-5	GP,R3	30/01/2002	28/06/2002	100%	-	-	-		
##	2516	2369	Stage 3	-	4	Rel-5	GP,R3	30/01/2002	28/06/2002	100%	-	-	-		
##	2517	2370	Voice over GERAN PS and CS concept	-	2	Rel-5	GP,R3	06/11/2000	28/06/2002	100%	<a href="#">GP-011252</a>	-	-		
##	2518	2371	Architecture for A, lu cs and lu ps	-	3	Rel-5	GP,R3	06/11/2000	28/06/2002	100%	-	-	-		
##	2519	2372	Transcoder position/operation	-	3	Rel-5	GP	06/11/2000	13/04/2001	100%	-	-	-		
##	2520	2373	Handover	-	3	Rel-5	GP,R3	06/11/2000	28/06/2002	100%	-	-	-		
##	2521	2374	RTP payload	-	3	Rel-5	GP,R3	06/11/2000	28/06/2002	100%	-	-	-		
##	2522	2375	Codec renegotiation concept	-	3	Rel-5	GP,R3	06/11/2000	29/03/2002	100%	-	-	-		
##	2523	2376	LA	-	3	Rel-5	GP	06/11/2000	13/04/2001	100%	-	-	-		
##	2524	2388	Deleted - GERAN MS Conformance test for GERAN interface evolution	-	2	Rel-5	GP	11/06/2001	19/12/2003	100%	<a href="#">GP-021253</a>	-	Not started. Marked as stopped 12/2/		
##	2525	2389	Deleted - MS test	-	3	Rel-5	GP	11/06/2001	19/12/2003	100%	-	-	Not started. Marked as stopped 12/2/		
##	2526	2390	GERAN BSS Conformance test for GERAN interface evolution	-	2	Rel-5	GP	08/06/2000	19/12/2003	100%	<a href="#">GP-021254</a>	-	Not started. Marked as stopped 12/		
##	2527	2391	Deleted - BSS test	-	3	Rel-5	GP	08/06/2000	19/12/2003	100%	-	-	Not started. Marked as stopped 12/2/		
##	2528	2330	GERAN support for IMS	GERIMS	1	Rel-5	GP	01/05/2000	20/12/2002	100%	<a href="#">GP-010420</a>	Nokia	AWS, Nokia, Ericsson, Nortel, Siem		
##	2529	2331	GERAN Header adaptation	GERIMS-HEADAPT	2	Rel-5	GP,S2,RP	01/05/2000	20/12/2002	100%	<a href="#">GP-010421</a>	Nokia	AWS, Nokia, Ericsson, Nortel, Siem		
##	2530	2332	Definition of compression and removal modes for PDCP protocol	-	3	Rel-5	GP,S2,RP	01/05/2000	09/06/2000	100%	-	-	-		
##	2531	2333	Conceptual description in stage 2	-	3	Rel-5	GP,S2,RP	01/05/2000	31/10/2001	100%	-	-	-		
##	2532	2334	Necessary changes on stage 3 regarding header removal	-	3	Rel-5	GP,S2,RP	06/11/2000	20/12/2002	100%	-	-	-		
##	2533	2335	Deleted - GERAN Radio access bearer design for IMS	GERIMS-RABDES	2	Rel-5	GP,S2,RP	06/11/2000	28/06/2002	100%	<a href="#">GP-010422</a>	Nokia	TERMINATED - NOT STANDARDIZI		
##	2534	2422	Deleted - MuM control signalling for conversational multimedia serv	-	3	Rel-5	GP,S2,RP	06/11/2000	28/06/2002	100%	-	-	TERMINATED - NOT STANDARDIZI		
##	2535	2431	Deleted - Identification of requirements	-	4	Rel-5	GP,S2,RP	06/11/2000	08/02/2002	100%	-	-	TERMINATED - NOT STANDARDIZI		
##	2536	2337	Deleted - Necessary modifications due to SIP	-	4	Rel-5	GP,S2,RP	06/05/2002	28/06/2002	100%	-	-	TERMINATED - NOT STANDARDIZI		
##	2537	2341	Deleted - GERAN MS Conformance test for support of IMS	GERIMS-MSconf	2	Rel-5	GP	11/06/2001	20/12/2002	100%	<a href="#">GP-010424</a>	Nokia	TERMINATED - NOT STANDARDIZI		

ID	ID	Jnique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	2538	2342	<i>Deleted - MS test</i>	-	3	Rel-5	G4	11/06/2001	20/12/2002	100%	-	-	TERMINATED - NOT STANDARDIZI		
##	2539	2343	<i>Deleted - GERAN BTS Conformance test for support of IMS</i>	GERIMS-BTSconf	2	Rel-5	GP	11/06/2001	20/12/2002	100%	<a href="#">GP-010425</a>	Nokia	TERMINATED - NOT STANDARDIZI		
##	2540	2344	<i>Deleted - BTS test</i>	-	3	Rel-5	G3new	11/06/2001	20/12/2002	100%	-	-	TERMINATED - NOT STANDARDIZI		
##	2541	54001	<b>MS Conformance Testing of Dual Transfer Mode</b>	MSCTDTM	1	Rel-5	G4,G5	11/11/2002	07/02/2003	100%	<a href="#">GP-023236</a>	Vodafone	Needed to complete DTM (R99)		
##	2542	32033	<b>Handling of early UEs</b>	LATE_UE	1	Rel-5	S2	03/01/2000	27/06/2003	100%	<a href="#">SP-030125</a>	-	-		
##	2543	32031	Feasibility Study	-	2	Rel-5	S2	07/10/2002	13/12/2002	100%	-	-	-		
##	2544	32032	Stage 2	-	2	Rel-5	S2	06/01/2003	27/06/2003	100%	-	-	-		
##	2545	22001	FS for the Early Mobile Handling in UTRAN	FSEarlyUE	2	Rel-5	R2	09/09/2002	06/06/2003	100%	<a href="#">RAN_Sls</a>	Vodafone	-		
##	2546	96	Note: Stage 3 RAN part not shown	-	2	Rel-5	RP	03/01/2000	03/01/2000	100%	-	-	-		
##	2547	0	<b>Release 4 Features</b>	-	1	Rel-4	NP,GP, RF	03/01/2000	30/03/2001	100%	-	-	-		
##	2548	1861	<b>Miscellaneous UE Conformance Testing Activities</b>	MISTST1	1	Rel-4	T1	02/04/2001	01/12/2004	100%	<a href="#">not needed</a>	-	-		
##	2549	1862	Optimization of Test Time, RF Aspects (FDD)	MISTST1-OpFDD	2	Rel-4	T1	24/09/2001	03/09/2003	100%	<a href="#">TP-030052</a>	-	It is believed that the current R99 test		
##	2550	1863	Optimization of Test Time, RF Aspects (TDD)	MISTST1-OpTDD	2	Rel-4	T1	24/09/2001	03/09/2003	100%	<a href="#">TP-030052</a>	-	It is believed that the current R99 test		
##	2551	1907	Extensions to R99 Test cases	MISTST1-Ext	2	Rel-4	T1	02/04/2001	02/12/2003	100%	<a href="#">TP-030052</a>	-	Further test coverage of the R99 spei		
##	2552	2564	Extension to R99 Test cases - TTCN	-	2	Rel-4	T1	28/06/2002	03/03/2004	100%	<a href="#">TP-030052</a>	-	Marked as closed 12/2008 (was mark		
##	2553	2565	Creation of R99 TCs for TDD - prose	MISTST1-TDD	2	Rel-4	T1	01/10/2001	01/07/2004	100%	<a href="#">TP-030052</a>	-	Marked as closed 12/2008 (was mark		
##	2554	2566	<i>Deleted - Creation of R99 TCs for TDD - TTCN</i>	-	2	Rel-4	T1	03/09/2002	01/12/2004	100%	<a href="#">TP-030052</a>	-	Marked as stopped 12/2008		
##	2555	1908	<i>Deleted - Review all other work items for impact on new or exiting 34 ser</i>	MISTST1	2	Rel-4	T1	02/07/2002	27/12/2002	100%	-	-	Marked as stopped 12/2008		
##	2556	1340	<b>Facsimile</b>	FAX	1	Rel-4	S1	22/02/2000	23/06/2000	100%	<a href="#">SP-000169</a>	-	-		
##	2557	1341	<b>Real Time Fax</b>	FAX-RT	2	Rel-4	S2	22/02/2000	23/06/2000	100%	-	-	postponed from R99 to R00, SP-00		
##	2558	1808	Terminal capabilities, AT commands	-	3	Rel-4	T2	22/02/2000	23/06/2000	100%	-	-	-		
##	2559	1343	Signalling aspects (e.g. ICM)	-	3	Rel-4	N1	22/02/2000	23/06/2000	100%	-	-	-		
##	2560	1648	Service provision	-	3	Rel-4	N3	22/02/2000	23/06/2000	100%	-	-	-		
##	2561	1345	Review whether service/stage 1 aspects need to be aligned	-	3	Rel-4	S1	14/04/2000	23/06/2000	100%	-	-	-		
##	2562	1346	Review whether architecture/stage 2 aspects need to be aligned	-	3	Rel-4	S2	14/04/2000	23/06/2000	100%	-	-	-		
##	2563	1539	<b>Transparent End-to-End PS mobile streaming applic</b>	PSTREAM	1	Rel-4	S4	03/04/2000	21/03/2001	100%	<a href="#">SP-000345</a>	-	-		
##	2564	1818	<b>Multimedia Messaging</b>	MMS	1	Rel-4	T2,S1	22/02/2000	14/03/2001	100%	<a href="#">TP-000078</a>	Siemens	-		
##	2565	136	Definition of service requirements	MMS	2	Rel-4	S1	22/02/2000	31/05/2000	100%	-	-	-		
##	2566	1819	Review of definition of service requirements	MMS	2	Rel-4	T2	01/06/2000	14/03/2001	100%	<a href="#">TP-000078</a>	Siemens	-		
##	2567	1820	<b>Technical Realisation</b>	MMS	2	Rel-4	T2	10/04/2000	14/03/2001	100%	<a href="#">TP-000078</a>	Siemens	-		
##	2568	1821	Review of definition of reference Achitecture model	MMS	3	Rel-4	T2	10/04/2000	14/03/2001	100%	<a href="#">TP-000078</a>	Siemens	-		
##	2569	1822	Fulfill Requirements of Stage 1	MMS	3	Rel-4	T2	10/04/2000	14/03/2001	100%	<a href="#">TP-000078</a>	Siemens	e.g. minimum set of media formats, m		
##	2570	1823	Definition of MMS primitives in Stage 2	MMS	3	Rel-4	T2	10/04/2000	14/03/2001	100%	<a href="#">TP-000078</a>	Siemens	-		
##	2571	1541	<b>Transcoder-Free Operation</b>	TrFO	1	Rel-4	N4,S2,N1	03/01/2000	30/03/2001	100%	-	-	Lead given to CN4 from CN...		
##	2572	112	<b>Out-of-Band Transcoder Control solution</b>	TrFO-OoBTC	2	Rel-4	N4	03/01/2000	30/03/2001	100%	<a href="#">N4-000531</a>	NEC	-		
##	2573	1512	implementation in UTRAN	TrFO-OoBTC-UTRAN	3	Rel-4	R3	11/09/2000	30/03/2001	100%	<a href="#">RAN_Wis</a>	Siemens	moved according to NP-000575		
##	2574	896	Impact on architecture, Principles and Terminology	TrFO-OoBTC	3	Rel-4	S2	03/01/2000	20/10/2000	100%	-	-	e.g. study cascading TrFO/TFO/TrFC		
##	2575	1657	Codec Negotiation between UE and MSC	TrFO-OoBTC	3	Rel-4	N1	14/08/2000	02/02/2001	100%	-	Motorola	the link to NP-000085has been delete		
##	2576	115	Codec Negotiation inter MSC	TrFO-OoBTC	3	Rel-4	N4	03/07/2000	22/12/2000	100%	-	-	Bearer establishment inter MSC. TS 2		
##	2577	894	Bearer establishment inter MSC	TrFO-OoBTC	3	Rel-4	N4	03/07/2000	22/12/2000	100%	<a href="#">NP-000127</a>	-	Bearer establishment inter MSC. TS 2		
##	2578	905	<b>Speech Transcoder: Location and Control at the UMTS Core Netwo</b>	TrFO-STLC	2	Rel-4	S2	10/04/2000	29/09/2000	100%	<a href="#">S2-99352</a>	-	WI description and Tdoc S2-99352.		
##	2579	124	Transcoder at Edge	TrFO-STLC	3	Rel-4	NP	10/04/2000	29/09/2000	100%	-	-	WI description and Tdoc S2-99352...		
##	2580	2310	<b>GERAN improvements 1 (Gb over IP)</b>	GEIMP1	1	Rel-4	GP	09/05/2000	19/03/2001	100%	<a href="#">GP-000433</a>	-	-		



ID	ID	Jnique_IC	Name	Acronym	utilite	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	2581	2311	Gb over IP (Ip-fication of Gb)	GblP	2	Rel-4	GP	09/05/2000	19/03/2001	100%	<a href="#">GP-000434</a>	-	-		
##	2582	2312	Concept of Gb over IP (Ip-fication of Gb)	-	3	Rel-4	GP	09/05/2000	10/11/2000	100%	<a href="#">-</a>	-	-		
##	2583	2313	Changes to 08.16, 08.18	-	3	Rel-4	GP	09/05/2000	19/03/2001	100%	<a href="#">-</a>	-	-		
##	2584	2314	<b>GERAN improvements 2 (NACC)</b>	GEIMP2	1	Rel-4	GP	06/11/2000	10/06/2003	100%	<a href="#">GP-012812</a>	-	-		
##	2585	2315	Gb enhancements	Gben	2	Rel-4	GP	06/11/2000	08/06/2001	100%	<a href="#">GP-000436</a>	-	-		
##	2586	2316	Intra BSC NACC (Network Assisted Cell Change)	-	3	Rel-4	GP	06/11/2000	08/06/2001	100%	<a href="#">-</a>	-	-		
##	2587	2420	Concept	-	4	Rel-4	GP	06/11/2000	08/06/2001	100%	<a href="#">-</a>	-	-		
##	2588	2317	Changes in 03.64	-	4	Rel-4	GP	06/11/2000	08/06/2001	100%	<a href="#">-</a>	-	-		
##	2589	2318	Changes in 04.60	-	4	Rel-4	GP	06/11/2000	08/06/2001	100%	<a href="#">-</a>	-	-		
##	2590	2319	Changes in 44.008	-	4	Rel-4	GP	06/11/2000	08/06/2001	100%	<a href="#">-</a>	-	-		
##	2591	50030	MS conformance test for Intra BSC NACC	GEIMP2-Msconf	2	Rel-4	GP	30/11/2001	10/06/2003	100%	<a href="#">GP-012811</a>	-	-		
##	2592	50299	Changes in 51.010	-	3	Rel-4	G5,G4	30/11/2001	10/06/2003	100%	<a href="#">-</a>	-	az 05/08: duplicated UID_50099 => 5		
##	2593	2324	<b>GERAN improvements 4 (Delayed TBF)</b>	GEIMP4	1	Rel-4	GP	15/01/2001	08/06/2001	100%	<a href="#">GP-010363</a>	-	-		
##	2594	2325	Gb enhancements 2	GEIMP4-Gben2	2	Rel-4	GP	15/01/2001	08/06/2001	100%	<a href="#">GP-010363</a>	-	-		
##	2595	2429	stage 2	-	3	Rel-4	GP	15/01/2001	08/06/2001	100%	<a href="#">-</a>	-	-		
##	2596	2421	Stage 3 (changes in 44.060)	-	3	Rel-4	G2	15/01/2001	06/04/2001	100%	<a href="#">-</a>	-	-		
##	2597	2327	Definition of enhanced countdown procedure	-	4	Rel-4	G2	15/01/2001	06/04/2001	100%	<a href="#">-</a>	-	-		
##	2598	2328	Definition of enhanced TBF release procedure	-	4	Rel-4	G2	15/01/2001	06/04/2001	100%	<a href="#">-</a>	-	-		
##	2599	2329	Definition of USF=FREE type polling mechanism on PDCH	-	4	Rel-4	G2	15/01/2001	06/04/2001	100%	<a href="#">-</a>	-	-		
##	2600	1222	<b>Low Chip Rate TDD option</b>	LCRTDD	1	Rel-4	R1	19/07/2000	02/12/2003	100%	<a href="#">RAN_Wis</a>	CWTS	-		
##	2601	1223	Physical layer	LCRTDD-Phys	2	Rel-4	R1	19/07/2000	30/03/2001	100%	<a href="#">RAN_Wis</a>	CWTS	-		
##	2602	1224	Layer 2 and layer 3 protocol aspects	LCRTDD-L23	2	Rel-4	R2	19/07/2000	30/03/2001	100%	<a href="#">RAN_Wis</a>	CWTS	-		
##	2603	1225	RF radio transmission/reception, system performance requirements and	LCRTDD-RF	2	Rel-4	R4	14/08/2000	30/03/2001	100%	<a href="#">RAN_Wis</a>	CWTS	-		
##	2604	1227	UE radio access capability	LCRTDD-UErac	2	Rel-4	R2	14/08/2000	30/03/2001	100%	<a href="#">RAN_Wis</a>	CWTS	-		
##	2605	1228	Iub/Iur protocol aspects	LCRTDD-IubIur	2	Rel-4	R3	14/08/2000	30/03/2001	100%	<a href="#">RAN_Wis</a>	CWTS	-		
##	2606	2262	<b>Low chiprate TDD interworking with GERAN</b>	-	2	Rel-4	GP	01/09/2000	19/01/2001	100%	<a href="#">GP-000432</a>	-	-		
##	2607	2263	Handover and Cell Selection / Reselection to UTRA 1.28 Mcps TDD	-	3	Rel-4	GP	01/09/2000	19/01/2001	100%	<a href="#">-</a>	-	-		
##	2608	2103	<b>Conformance Test Aspects - Low Chip Rate TDD</b>	-	2	Rel-4	T1	17/09/2001	02/12/2003	100%	<a href="#">-</a>	-	-		
##	2609	2217	Testing Layer 2 and layer 3 protocol aspects	-	3	Rel-4	T1	17/09/2001	02/07/2003	100%	<a href="#">TP-030052</a>	-	Marked as closed 12/2008 (was mark		
##	#####	2562	<i>Deleted - Testing Layer 2 and layer 3 protocol aspects - TTCN</i>	-	3	Rel-4	T1	03/12/2002	02/12/2003	100%	<a href="#">TP-030052</a>	-	Marked as stopped 12/2008		
##	2611	2218	Testing RF Radio Transmission and Reception	-	3	Rel-4	T1	17/09/2001	28/06/2002	100%	<a href="#">TP-030052</a>	-	duration set to 6 months (was 0), finis		
##	2612	1322	<b>Enable bearer independent CS architecture</b>	CSSPLIT	1	Rel-4	S2	03/01/2000	01/03/2002	100%	<a href="#">SP-000288</a>	Siemens	-		
##	2613	1323	Enable bearer-independent call control	-	2	Rel-4	N4	03/01/2000	16/08/2001	100%	<a href="#">N4-000512</a>	Ericsson	DAB 12.12.01 should be 100% henc		
##	2614	1516	Architecture and Stage 2 description	-	3	Rel-4	S2[99%]	03/01/2000	08/09/2000	100%	<a href="#">-</a>	-	R00 stage 2 at least 80 % complete ir		
##	2615	1325	Standardisation of protocols (control & user planes) over Nb interfac	-	3	Rel-4	N3	02/01/2001	30/03/2001	100%	<a href="#">N4-000512</a>	-	-		
##	2616	1326	Standardisation of protocols over reference points between MSC se	-	3	Rel-4	N4	25/09/2000	23/03/2001	100%	<a href="#">N4-000512</a>	-	-		
##	2617	1616	Standardisation of detailed stage 2 description	-	3	Rel-4	N4	17/07/2000	23/03/2001	100%	<a href="#">N4-000512</a>	-	-		
##	2618	1327	<b>Bearer control between MSC server and MGW</b>	-	3	Rel-4	N4	01/09/2000	16/08/2001	100%	<a href="#">N4-000512</a>	-	-		
##	2619	1328	stage 3 - protocol issues	-	4	Rel-4	N4	01/09/2000	16/08/2001	100%	<a href="#">-</a>	-	-		
##	2620	1329	stage 3 - parameter value issues	-	4	Rel-4	N3	02/01/2001	30/03/2001	100%	<a href="#">-</a>	-	-		
##	2621	1331	Lawful interception	-	2	Rel-4	S3	21/08/2000	23/03/2001	100%	<a href="#">-</a>	-	Requirements capture: S3#14 (Aug 0		
##	#####	2052	<i>Deleted - Conformance Test Aspects - Enable bearer independent CS ar</i>	CSSPLIT-TEST	2	Rel-4	T1	05/03/2001	01/03/2002	100%	<a href="#">-</a>	-	Marked as stopped 12/2008		
##	2623	1445	<b>MEEx enhancements Rel-4</b>	MEXE	1	Rel-4	T2	03/01/2000	14/12/2001	100%	<a href="#">TP-030052</a>	-	-		

ID	ID	Unique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	2624	1447	MExE Security Analysis Activity	MEXE-SEC	2	Rel-4	S3	22/02/2000	14/12/2001	100%	<a href="#">SP-010327</a>	BT	Presentation to S3 of threats and c		
##	2625	2045	Stage 3	MEXE1-SEC	3	Rel-4	S3	17/07/2000	14/12/2001	100%	-	-	Analysis undertaken by T2. No additc		
##	2626	1448	Terminal aspects	-	3	Rel-4	T2	22/02/2000	15/12/2000	100%	-	-	-		
##	2627	1810	MExE Rel4 Improvements and Investigations	MEXE-ENHANC	2	Rel-4	T2	03/01/2000	15/12/2000	100%	-	Motorola	-		
##	2628	1812	3rd MExE classmark	-	3	Rel-4	T2	03/01/2000	15/12/2000	100%	-	Motorola	Additional features for MExE R2000		
##	2629	1814	FS on Secure download mechanism and capabilities to support SDF	-	3	Rel-4	T2	07/02/2000	15/12/2000	100%	-	Motorola	-		
##	2630	1815	FS on Support of MP3/MPEG4 content	-	3	Rel-4	T2	07/02/2000	15/12/2000	100%	-	Motorola	-		
##	2631	1631	Tandem Free aspects for 3G and between 2G and 3G	TFO	1	Rel-4	S4	22/02/2000	15/06/2001	100%	-	-	RAN and CN to verify no problems		
##	2632	1632	Tandem Free AMR	TFO-AMR	2	Rel-4	S4	22/02/2000	15/06/2001	100%	-	-	RAN and CN to verify UMTS_AMR_		
##	2633	130	Specification	-	3	Rel-4	S4	22/02/2000	23/03/2001	100%	-	-	-		
##	2634	907	Impact on:	-	3	Rel-4	NP	08/01/2001	15/06/2001	100%	-	-	"Implementation" changed to "Imp		
##	2635	131	CN	-	4	Rel-4	NP	26/03/2001	15/06/2001	100%	-	-	RAN and CN to verify UMTS_AMR_2		
##	2636	132	GERAN	-	4	Rel-4	GP	08/01/2001	06/04/2001	100%	-	-	End date Modified from June to Marcl		
##	2637	2230	Advanced Speech Call Items enhancements_REL-4	ASCI	1	Rel-4	N1	03/12/2000	14/03/2002	100%	<a href="#">NP-000730</a>	Nortel	Approved at CN#10		
##	2638	2232	Stage 2	-	2	Rel-4	N4	03/12/2000	14/03/2002	100%	-	Sagem	CN4#11 30/11/02: no inputs received		
##	2639	2231	Stages 2 and 3 on A interface	-	2	Rel-4	N1	03/12/2000	23/03/2001	100%	-	Nortel	-		
##	2640	2403	700 MHz spectrum support	700SS	1	Rel-4	GP	03/01/2000	20/12/2002	100%	<a href="#">GP-000449</a>	-	-		
##	2641	2404	GERAN support for the 700 MHz band	-	2	Rel-4	GP	03/01/2000	19/01/2001	100%	-	-	-		
##	2642	2405	Signalling support	-	3	Rel-4	GP	03/01/2000	19/01/2001	100%	-	-	-		
##	2643	2406	Physical layer definitions	-	3	Rel-4	GP	03/01/2000	19/01/2001	100%	-	-	-		
##	2644	2407	Receiver performance and RF budget	-	3	Rel-4	GP	03/01/2000	19/01/2001	100%	-	-	-		
##	2645	2408	GERAN MS Conformance test for 700 MHz band	-	2	Rel-4	GP	02/04/2001	30/11/2001	100%	<a href="#">GP-000451</a>	-	-		
##	2646	2409	MS test	-	3	Rel-4	GP	02/04/2001	30/11/2001	100%	-	-	-		
##	2647	2410	GERAN BTS Conformance test for 700 MHz band	-	2	Rel-4	GP	02/04/2001	20/12/2002	100%	<a href="#">GP-000452</a>	-	-		
##	2648	2411	BTS test	-	3	Rel-4	GP	02/04/2001	20/12/2002	100%	-	-	-		
##	2649	2463	Operator Determined Barring for Packet Oriented Se	ODB	1	Rel-4	NP	01/06/2000	19/03/2001	100%	<a href="#">NP-010089</a>	NEC	Completed WI missing from the P-pla		
##	2650	2546	UMTS QoS Architecture for PS Domain	QoSPS	1	Rel-4	S2,S5,R3,I	03/01/2000	27/11/2002	100%	<a href="#">SP-010342</a>	Ericsson	-		
##	2651	2548	Architecture	-	2	Rel-4	S2	05/06/2000	03/01/2001	100%	-	-	-		
##	2652	2550	Charging and OAM&P for QoS Management	QoSPS-OAM	2	Rel-4	S5	21/09/2001	28/06/2002	100%	<a href="#">SP-010461</a>	VoiceStream,	-		
##	2653	1681	RAB Quality of Service (re)Negotiation over lu	QoSPS-MAPEND-R/	2	Rel-4	R3	21/08/2000	23/03/2001	100%	<a href="#">RAN_Wis</a>	Ericsson	-		
##	2654	1991	RAB Quality of Service Negotiation over lu	QoSPS-MAPEND-R/	3	Rel-4	R3	21/08/2000	23/03/2001	100%	<a href="#">RAN_Wis</a>	Ericsson	-		
##	2655	2456	RAB Quality of Service Negotiation over lu during relocation	QoSPS-MAPEND-R/	3	Rel-4	R3	02/03/2001	23/03/2001	100%	-	-	-		
##	2656	1992	RAB Quality of Service Re-Negotiation over lu	QoSPS-MAPEND-R/	3	Rel-4	R3	25/09/2000	23/03/2001	100%	<a href="#">RAN_Wis</a>	Motorola	-		
##	2657	1553	GERAN QoS Aspects - Handovers: maintenance of real-time QoS w	GERQoS	2	Rel-4	GP	03/01/2000	30/11/2001	100%	<a href="#">GP-010431</a>	-	-		
##	2658	2306	Handover Concept for the PS domain	-	3	Rel-4	GP	03/01/2000	30/11/2001	100%	-	-	-		
##	2659	2309	Stable RT handover report 25.936 including header removal	-	4	Rel-4	GP[93%]	03/01/2000	19/01/2000	100%	-	-	-		
##	2660	2307	Update of stage 2	-	4	Rel-4	GP	03/01/2000	13/02/2001	100%	-	-	-		
##	2661	2308	Update of relevant stage 3 specs -> RRC	-	4	Rel-4	G2	03/01/2000	30/11/2001	100%	-	-	-		
##	####	50010	Deleted - GERAN MS Conformance test for inter-system and intra-syster	GERQoS-Mstest	2	Rel-4	G4,R3	31/08/2001	27/11/2002	100%	<a href="#">GP-012287</a>	-	Still exist? To be clarified by GERAN4		
##	####	50011	Deleted - Handover for the PS domain	-	3	Rel-4	G4,R3	31/08/2001	27/11/2002	100%	-	-	Marked as stopped 12/2008		
##	####	50012	Deleted - Stable RT handover report 25.936 including header r	-	4	Rel-4	G4,R3	31/08/2001	27/11/2002	100%	-	-	Marked as stopped 12/2008		
##	####	50013	Deleted - Update of stage 2	-	4	Rel-4	G4,R3	31/08/2001	27/11/2002	100%	-	-	Marked as stopped 12/2008		
##	####	50014	Deleted - Update of relevant stage 3 specs	-	4	Rel-4	G4,R3	31/08/2001	27/11/2002	100%	-	-	Marked as stopped 12/2008		

ID	ID	Unique_IC	Name	Acronym	utili leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														May	Qtr 3, 2011 Jul
##	2667	1685	PS-domain handover for real-time services	QoSPS-PSdoRTS	2	Rel-4	R3	28/08/2000	30/03/2001	100%	<a href="#">RAN Wis</a>	Nokia	-		
##	####	2554	<i>Deleted - RAB QoS Renegotiation at Relocation</i>	-	2	Rel-4	R3	03/01/2001	23/03/2001	100%	-	-	Marked as stopped 12/2008		
##	2669	1993	<b>(Small) Technical Enhancements and Improvements</b>	TEI4	1	Rel-4	All	03/01/2000	30/03/2001	100%	-	-	"Joker" WI, to be used for a Rel 4 CR		
##	2670	25017	<b>Test - (Small) Technical Enhancements and Improve</b>	TEI4_Test	1	Rel-4	R5,T1	03/01/2000	30/03/2001	100%	<a href="#">5_Work_Items</a>	-	"Joker" WI, to be used for small modif		
##	2671	400002	<b>Rel-4 Evolutions of the transport in the UTRAN</b>	ETRAN	1	Rel-4	RP	21/08/2000	23/08/2002	100%	<a href="#">RAN Wis</a>	Alcatel	-		
##	2672	12	QoS optimization for AAL2 connections over lub and lur interfaces	ETRAN-QoSAAL2	2	Rel-4	R3	21/08/2000	30/03/2001	100%	<a href="#">RAN Wis</a>	Japan Teleco	-		
##	2673	1995	Transport bearer modification procedure on lub, lur, and lu	ETRAN-MigrMod	2	Rel-4	R3	02/10/2000	30/03/2001	100%	<a href="#">RAN Wis</a>	Japan Teleco	-		
##	####	401834	<i>Deleted - Conformance Test Aspects of Rel-4 evolutions of the transport</i>	-	2	Rel-4	T1	25/02/2002	23/08/2002	100%	-	-	Marked as stopped 12/2008		
##	####	2208	<i>Deleted - Testing RAB support enhancements</i>	CT-RABS?	3	Rel-4	T1	25/02/2002	23/08/2002	100%	-	-	Marked as stopped 12/2008		
##	2676	400004	<b>Rel-4 Evolutions of the transport in the CN</b>	CNTRSP	1	Rel-4	N4,N1,N2,	29/05/2000	23/03/2001	100%	<a href="#">not needed</a>	-	-		
##	2677	859	IP Transport of CN protocols (e.g., CAP, MAP)	SS7IP	2	Rel-4	N4	07/12/2000	23/03/2001	100%	-	-	-		
##	2678	1679	Stage 3	-	3	Rel-4	N4	07/12/2000	23/03/2001	100%	-	-	-		
##	2679	2018	CAP	-	4	Rel-4	N2	07/12/2000	23/03/2001	100%	-	-	-		
##	2680	2019	MAP	-	4	Rel-4	N4	07/12/2000	23/03/2001	100%	-	-	-		
##	2681	2253	BSSAP+	SS7IP-BSSAP+	4	Rel-4	N1	15/01/2001	14/03/2001	100%	-	-	-		
##	2682	1513	<b>FS on Transport and control separation in the PS CN domain</b>	-	2	Rel-4	S2	29/05/2000	23/03/2001	100%	<a href="#">SP-000293</a>	Ericsson	-		
##	2683	1615	Architectural impacts	-	3	Rel-4	S2	29/05/2000	23/03/2001	100%	-	-	-		
##	2684	401216	<b>Rel-4 Improvements of Radio Interface</b>	RInImp	1	Rel-4	RP	10/07/2000	14/03/2003	100%	<a href="#">RAN Wis</a>	-	-		
##	2685	1509	UTRA repeater specification (master)	RInImp-REP	2	Rel-4	R4	10/07/2000	21/03/2001	100%	<a href="#">RAN Wis</a>	Mikom, Allgor	-		
##	2686	1994	DSCH power control improvement in soft handover	RInImp-DSCHsho	2	Rel-4	R1	11/09/2000	23/03/2001	100%	<a href="#">RAN Wis</a>	Nokia	-		
##	2687	1996	UMTS 1800	RInImp-UMTS18	2	Rel-4	R4	25/09/2000	14/12/2001	100%	<a href="#">RAN Wis</a>	Motorola	-		
##	2688	2467	UMTS 1900	RInImp-UMTS19	2	Rel-4	R4	19/03/2001	14/12/2001	100%	-	Motorola	-		
##	2689	1219	FS on High Speed downlink packet access	RInImp-HSDPA	2	Rel-4	R2	21/08/2000	23/03/2001	100%	<a href="#">RAN Sis</a>	Motorola	-		
##	####	1510	<i>Deleted - FS on improved common DL channel for Cell-FACH state</i>	RInImp-DLCFACH	2	Rel-4	R2	11/09/2000	28/12/2001	100%	<a href="#">RAN Sis</a>	GBT	Stopped at RP#14		
##	2691	401839	<b>Conformance Test Spec. Rel-4 improvements in Radio Interface</b>	-	2	Rel-4	T1	08/10/2001	14/03/2003	100%	-	-	-		
##	####	2212	<i>Deleted - Testing Improved usage of downlink resource in FDD for C</i>	-	3	Rel-4	T1	18/02/2002	30/08/2002	100%	-	-	Marked as stopped 12/2008		
##	####	2213	<i>Deleted - Testing Terminal Power saving features</i>	-	3	Rel-4	T1	18/02/2002	30/08/2002	100%	-	-	Marked as stopped 12/2008		
##	####	2214	<i>Deleted - Testing DSCH power control improvement in soft handove</i>	-	3	Rel-4	T1	18/02/2002	30/08/2002	100%	-	-	Marked as stopped 12/2008		
##	2695	2215	Testing UMTS 1800	-	3	Rel-4	T1	08/10/2001	14/06/2002	100%	<a href="#">TP-030052</a>	-	-		
##	2696	41000	Testing UMTS 1900	-	3	Rel-4	T1	08/10/2001	14/06/2002	100%	<a href="#">TP-030052</a>	-	-		
##	2697	2561	Testing UMTS 1800 - TTCN	-	3	Rel-4	T1	17/06/2002	14/03/2003	100%	<a href="#">TP-030052</a>	-	-		
##	2698	41001	Testing UMTS 1900 - TTCN	-	3	Rel-4	T1	17/06/2002	14/03/2003	100%	<a href="#">TP-030052</a>	-	-		
##	2699	400009	<b>Rel-4 RAN improvements</b>	RANimp	1	Rel-4	RP	14/08/2000	17/03/2004	100%	<a href="#">RAN Wis</a>	-	-		
##	2700	655	Node B synchronization for TDD	RANimp-NBsync	2	Rel-4	R1	14/08/2000	23/03/2001	100%	<a href="#">RAN Wis</a>	Siemens	-		
##	2701	2206	RAB support enhancement for Rel-4	RANimp-RABSE	2	Rel-4	R2	21/08/2000	23/03/2001	100%	<a href="#">RAN Wis</a>	Ericsson	29 Nov 2000: split into ROHC and no		
##	####	402102	<i>Deleted - Conformance Test Aspects - Rel-4 RAN Improvements</i>	-	2	Rel-4	T1	01/01/2002	17/03/2004	100%	-	-	Marked as stopped 12/2008		
##	####	402222	<i>Deleted - Testing Radio access bearer support enhancments</i>	-	3	Rel-4	T1	01/01/2002	02/09/2002	100%	-	-	Marked as stopped 12/2008		
##	####	402461	<i>Deleted - Testing RAB support enhancements-Robust Header Com</i>	RABimp-RoCH	3	Rel-4	T1	28/05/2002	03/09/2003	100%	<a href="#">TP-030052</a>	-	UID changed. Marked as stopped 12/		
##	####	41006	<i>Deleted - Testing RAB support enhancements-Robust Header Com</i>	-	3	Rel-4	T1	28/05/2002	17/03/2004	100%	<a href="#">TP-030052</a>	-	UID changed. Marked as stopped 12/		
##	2706	41007	Testing of Extended Robut Header Compression	Ext-RoHC	3	Rel-4	T1	18/09/2002	30/09/2003	100%	<a href="#">TP-030052</a>	-	Marked as closed 12/2008 (was mark		
##	####	41008	<i>Deleted - Testing of Extended Robut Header Compression - TTCN</i>	-	3	Rel-4	T1	18/09/2002	16/12/2003	100%	<a href="#">TP-030052</a>	-	Marked as stopped 12/2008		
##	####	41009	<i>Deleted - General changes to TS34.121 corresponding to release 4</i>	RANimp-test	3	Rel-4	T1	03/03/2003	03/03/2004	100%	-	-	Marked as stopped 12/2008		
##	2709	401652	<b>Rel-4 Emergency call enhancements</b>	EMC1	1	Rel-4	N1,S1,T1	03/01/2000	28/05/2002	100%	-	Ericsson	-		

ID	ID	Jnique_IC	Name	Acronym	utili _eve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes	Qtr 3, 2011	
														May	Jul
##	2710	1654	For CS based calls	EMC1-CS	2	Rel-4	N1	03/01/2000	28/05/2002	100%	<a href="#">NP-010136</a>	Ericsson	WI approved in TSG_10		
##	2711	1320	Distinction in CS domain of emergency call types to different emerge	EMC1-CS	3	Rel-4	S1	01/05/2000	23/06/2000	100%	-	-	-		
##	2712	1999	Distinction in CS domain of emergency calls to different emergency	EMC1-CS	3	Rel-4	N1	24/08/2000	22/09/2000	100%	-	-	Calls to different emergency services		
##	####	402224	Deleted - Conformance Test Aspects - Emergency call enhanceme	EMC1-CS	3	Rel-4	T1[99%]	03/01/2000	28/07/2000	100%	-	-	UID changed. Marked as stopped 12/		
##	2714	2226	Testing CS based emergency calls	EMC1-CS	3	Rel-4	T1	25/02/2002	28/05/2002	100%	<a href="#">TP-030052</a>	-	-		
##	2715	2563	Testing CS based emergency calls - TTCN	EMC1-CS	3	Rel-4	T1	22/11/2001	28/05/2002	100%	<a href="#">TP-030052</a>	-	-		
##	2716	401826	Rel-4 Terminal interfaces	TI	1	Rel-4	T2	03/01/2000	15/03/2001	100%	<a href="#">not needed</a>	-	-		
##	2717	1827	AT commands enhancements	TI-ATC	2	Rel-4	T2	03/01/2000	14/03/2001	100%	-	-	-		
##	2718	1828	Specification of AT commands for new services	-	3	Rel-4	T2	03/01/2000	14/03/2001	100%	-	-	goal not completely achieved becausa		
##	2719	1829	Wide Area Data Synchronization	TI-WADS	2	Rel-4	T2	03/01/2000	14/03/2001	100%	-	-	AS: Rel5 changed to Rel4 accordin		
##	2720	1830	Continues evolution of Synchronization protocol	TI-SYNC-EVOL	3	Rel-4	T2	03/01/2000	14/03/2001	100%	-	-	-		
##	2721	1832	Terminal local model	TLM	2	Rel-4	T2	16/05/2000	15/03/2001	100%	<a href="#">TP-000080</a>	Ericsson	-		
##	2722	401536	Rel-4 Location Services enhancements	LCS1	1	Rel-4	S2	03/04/2000	28/12/2001	100%	<a href="#">SP-010518</a>	Nokia	-		
##	2723	2229	CBS interactions	LCS1-CBS	2	Rel-4	T2	03/04/2000	28/12/2001	100%	-	-	-		
##	2724	523	LCS support in the CS domain	LCS1-CS	2	Rel-4	S2	15/05/2000	19/01/2001	100%	-	-	Only MAP impact foreseen so far. To		
##	2725	525	LCS support in the PS domain	LCS1-PS	2	Rel-4	S2	01/05/2000	28/12/2001	100%	-	-	-		
##	2726	1642	Stage 1	-	3	Rel-4	S1	03/07/2000	25/08/2000	100%	-	Pacific Bell W	To be also considered: External LCS		
##	2727	1181	Stage 2	-	3	Rel-4	S2	01/05/2000	19/01/2001	100%	-	-	AS: 23.271 completed at SP#10		
##	2728	1180	Stage 3	-	3	Rel-4	N1	21/08/2000	28/12/2001	100%	-	-	-		
##	2729	526	Layer 3 LCS signalling UE (MS) -SGSN (UMTS PS and and GS	-	4	Rel-4	N1	21/08/2000	28/12/2001	100%	-	Nokia	-		
##	2730	2462	MAP impacts of LCS	-	4	Rel-4	N4	21/08/2000	30/03/2001	100%	-	-	Missing work task		
##	2731	527	GTP signalling for LCS	-	4	Rel-4	N4	21/08/2000	30/03/2001	100%	-	-	-		
##	2732	401600	UE positioning Rel-4	LCS1-UEpos	2	Rel-4	RP	03/04/2000	30/03/2001	100%	<a href="#">RAN_Wis</a>	-	UID changed		
##	2733	1601	lub/lur interfaces for methods Rel 99	LCS1-UEpos-lublur	3	Rel-4	R3	03/04/2000	30/03/2001	100%	<a href="#">RAN_Wis</a>	Ericsson	27/11: WG corrected; rapporteur corr		
##	2734	1602	UE positioning enhancements - IPDL for TDD	LCS1-UEpos-enh	3	Rel-4	R2	28/08/2000	23/03/2001	100%	<a href="#">RAN_Wis</a>	Siemens	5 Mar 2001: splitting off of IPDL for TI		
##	2735	401560	Rel-4 UICC/(U)SIM enhancements and interworking	UICC1	1	Rel-4	T3	24/07/2000	23/03/2001	100%	<a href="#">not needed</a>	-	-		
##	2736	1799	Common PCN Handset Specification (CPHS)	UICC1-CPHS	2	Rel-4	T3	24/07/2000	23/03/2001	100%	<a href="#">TP-000116</a>	One2One	28/5/2001: CRs approved at TP-11. V		
##	2737	401800	Rel-4 (U)SIM toolkit enhancements	USAT1-LocLnk	1	Rel-4	T3	05/06/2000	23/03/2001	100%	<a href="#">not needed</a>	Gemplus	-		
##	2738	2034	USAT local link	USAT1-LocLnk	2	Rel-4	T3	05/06/2000	23/03/2001	100%	<a href="#">TP-000116</a>	Gemplus	25/5/2001:CR was approved at TP-11		
##	2739	401571	Rel-4 Security enhancements	-	1	Rel-4	S3	03/01/2000	15/03/2002	100%	<a href="#">SP-000421</a>	Vodafone	Added BB UE authentication and r		
##	2740	1587	Evolution of GSM CS algorithms (e.g. A5/3 development and deployment)	SEC1-CSALGO1	2	Rel-4	S3	03/01/2000	15/01/2001	100%	<a href="#">SP-000306</a>	-	Approved SP#17		
##	2741	1588	Evolution of GSM PS algorithms (e.g. GEA 2 deployment)	SEC1-PSALGO1	2	Rel-4	S3	22/02/2000	22/12/2000	100%	<a href="#">SP-000307</a>	-	A5/3 development will consider ne		
##	2742	1589	Main aspects	SEC1-PSALGO1	3	Rel-4	S3	22/02/2000	24/11/2000	100%	-	-	Complete TSG#09 (09/2000). S3#17:		
##	2743	1618	Impact on GTP	SEC1-PSALGO1	3	Rel-4	N4	20/03/2000	22/12/2000	100%	-	-	-		
##	2744	1661	GEA capability indication in MS CM	SEC1-PSALGO1-GE	3	Rel-4	N1	19/06/2000	22/12/2000	100%	-	Vodafone Airt	-		
##	####	401583	Deleted - MAP application layer security	SEC1-MAPAL	2	Rel-4	S3	03/01/2000	15/03/2002	100%	-	-	REPLACED BY NDS-MAP and NDS-		
##	####	401584	Deleted - Main aspects	-	3	Rel-4	S3	21/02/2000	29/03/2001	100%	-	-	UID changed. Marked as stopped 12/		
##	####	402025	Deleted - Other stage 3 aspects	-	3	Rel-4	N4	22/02/2000	24/11/2000	100%	-	-	UID changed. Marked as stopped 12/		
##	####	401594	Deleted - Visibility and Configurability of security	SEC1-VCS	3	Rel-4	S3	03/01/2000	15/03/2002	100%	<a href="#">SP-000305</a>	France Telec	CR approved at SA3#21 awaiting con		
##	2749	401142	Rel-4 Charging and OAM&P	OAM	1	Rel-4	S5	01/12/2000	05/10/2001	100%	<a href="#">SP-010461</a>	VoiceStream	SP#13 approved WID		
##	2750	2089	Rel4 Principles, high level Requirements and Architecture	OAM-AR/PR	2	Rel-4	S5	01/12/2000	21/06/2001	100%	<a href="#">SP-010461</a>	Motorola, Teli	-		
##	2751	2088	Rel4 Performance Management	-	2	Rel-4	S5	01/12/2000	28/09/2001	100%	<a href="#">SP-010238</a>	T-Mobile	-		
##	2752	2081	Fault Management	-	2	Rel-4	S5	01/12/2000	05/10/2001	100%	<a href="#">SP-000524</a>	Lucent	-		

Page 64



ID	ID	Unique_IC	Name	Acronym	utilite leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	2753	2082	Configuration Management	OAM-CM	2	Rel-4	S5	01/12/2000	21/06/2001	100%	<a href="#">SP-000524</a>	Ericsson	-		
##	2754	2083	Rel4 Charging Management	OAM-CH	2	Rel-4	S5	01/12/2000	28/09/2001	100%	<a href="#">SP-000524</a>	T-Mobile	-		
##	2755	2071	UTRAN Operations and Maintenance procedures	UOAM	2	Rel-4	S5	01/12/2000	21/06/2001	100%	<a href="#">SP-000524</a>	Mannesmann	-		
##	2756	1517	<b>Global Text Telephony</b>	<b>GTT</b>	<b>1</b>	<b>Rel-4</b>	<b>S1,S2,S4,</b>	<b>03/01/2000</b>	<b>18/09/2009</b>	<b>100%</b>	<b><a href="#">SP-010340</a></b>	<b>Ericsson</b>	<b>SP#12 updated WID SP-000162=&gt;S</b>		
##	2757	1634	Stage 1	GTT	2	Rel-4	S1	05/04/2000	22/12/2000	100%	<a href="#">SP-010340</a>	-	-		
##	2758	1519	Stage 2	GTT	2	Rel-4	S2	03/01/2000	13/10/2000	100%	<a href="#">SP-010340</a>	-	-		
##	2759	2234	<b>Specification of Cellular Text telephone Modem</b>	<b>GTT-CTM</b>	<b>2</b>	<b>Rel-4</b>	<b>S4</b>	<b>11/09/2000</b>	<b>19/03/2001</b>	<b>100%</b>	<b><a href="#">SP-010340</a></b>	-	-		
##	2760	2238	General description and C-code	GTT-CTM	3	Rel-4	S4	11/09/2000	11/12/2000	100%	-	-	-		
##	2761	2237	Minimum Performance requirements	GTT-CTM	3	Rel-4	S4	11/09/2000	19/03/2001	100%	-	-	-		
##	####	1852	<i>Deleted - Conformance Test Aspects - Global Text Telephony</i>	<i>GTT_Test</i>	2	<i>Rel-4</i>	<i>R5,T1</i>	<i>21/09/2000</i>	<i>18/09/2009</i>	<i>100%</i>	-	-	<i>RP#45 work item abandoned/closed</i>		
##	2763	0	<b>Release 1999 Features</b>	-	1	R99	NP,SP,TP,	01/01/1999	31/12/1999	100%	-	-	-		
##	2764	60150	<b>UMTS Features</b>	-	<b>1</b>	<b>R99</b>	<b>S1,S2,S4,S</b>	<b>01/01/1999</b>	<b>31/12/1999</b>	<b>100%</b>	-	-	-		
##	2765	60102	<b>UMTS_SERVICES</b>	UMTS_SERVICES	2	R99	S1	01/01/1999	31/12/1999	100%	-	-	-		
##	2766	60103	<b>UMTS phase 1</b>	UMTS1	2	R99	S1	01/01/1999	31/12/1999	100%	-	-	-		
##	2767	60119	<b>UMTS Capabilities</b>	UMTS_Capabil	2	R99	S1	01/01/1999	31/12/1999	100%	-	-	Requirement for high quality speech i		
##	2768	60164	<b>Architecture of the GSM-UMTS platform</b>	-	2	R99	S2,N4	01/01/1999	31/12/1999	100%	<a href="#">SMG 98-0228</a>	-	wid "Architecture overview of the GS		
##	2769	60165	<b>UMTS Terrestrial Radio Access Network</b>	UTRAN	2	R99	RP	01/01/1999	31/12/1999	100%	-	-	-		
##	2770	60083	<b>UMTS 1800, UMTS 1900</b>	Rlnmp19, Rlnmp18	2	R99	R2	01/01/1999	31/12/1999	100%	-	-	-		
##	2771	60149	<b>Mandatory speech codec for narrowband telephony service</b>	Mandatory_Speech_(	2	R99	S4	01/01/1999	31/12/1999	100%	<a href="#">SP-99060</a>	-	Define the default speech codec for L		
##	2772	60055	<b>Codec for low bitrate multimedia telephony service</b>	Low_bit_rate_codec_	2	R99	S4	01/01/1999	31/12/1999	100%	<a href="#">SP-99060</a>	-	-		
##	2773	60109	<b>3G Audio-Visual Terminal characteristics</b>	WISTAC, 3G-AVT, Te	2	R99	S4	01/01/1999	31/12/1999	100%	<a href="#">SP-99129</a>	-	-		
##	2774	60104	<b>Updates_for_UMTS</b>	Updates_for_UMTS	2	R99	N3	01/01/1999	31/12/1999	100%	-	-	-		
##	2775	60124	<b>UMTS</b>	UMTS	2	R99	N3	01/01/1999	31/12/1999	100%	-	-	-		
##	2776	60151	<b>UMTS and GSM Features</b>	-	<b>1</b>	<b>R99</b>	<b>S1,S2,SMC</b>	<b>01/01/1999</b>	<b>31/12/1999</b>	<b>100%</b>	-	-	-		
##	2777	60147	<b>Multimedia Messaging Service</b>	MMS	2	R99	T2	01/01/1999	31/12/1999	100%	<a href="#">TP-000022</a>	-	MMS allows users to send/receive m		
##	2778	60121	<b>Location Services</b>	LCS	2	R99	S1,S2,S3,S	01/01/1999	31/12/1999	100%	<a href="#">SP-99327</a>	-	LCS provide ability to localize a termi		
##	2779	60118	<b>Customised Application for Mobile network Enhanced Logic Phase</b>	<b>CAMEL3</b>	<b>2</b>	<b>R99</b>	<b>S1,S2,N2,I</b>	<b>01/01/1999</b>	<b>31/12/1999</b>	<b>100%</b>	<b><a href="#">SP-99368</a></b>	-	<b>CAMEL is a network feature provid</b>		
##	2780	60218	Global view	CAMEL3	3	R99	S1,S2,N2,I	01/01/1999	31/12/1999	100%	-	-	-		
##	2781	60318	Multiple Subscriber Profile (MSP) based on CAMEL phase 3	CAMEL3	3	R99	S1	01/01/1999	31/12/1999	100%	-	-	MSP is an optional service enabling n		
##	2782	60038	<b>Short Message Service enhancements / Enhanced Messaging Servi</b>	EMS	2	R99	T2	01/01/1999	31/12/1999	100%	<a href="#">TP-000022</a>	-	SMS for 3G terminals compatible with		
##	2783	60122	<b>Mobile Station Execution Environment</b>	MExE	2	R99	S1,SMG1,	01/01/1999	31/12/1999	100%	<a href="#">TP-000022</a>	-	MExE provides a standardized MS ex		
##	2784	60123	<b>MS_Classmark</b>	MS_Classmark	2	R99	N1	01/01/1999	31/12/1999	100%	-	-	MExE classmark identifies a category		
##	2785	60057	<b>MultiCall</b>	<b>Multicall</b>	<b>2</b>	<b>R99</b>	<b>S1,N1,N2,I</b>	<b>01/01/1999</b>	<b>31/12/1999</b>	<b>100%</b>	<b><a href="#">NP-000348</a></b>	-	<b>Multicall allows several simultane</b>		
##	2786	60058	Multicall	Multicall	3	R99	S1	01/01/1999	31/12/1999	100%	-	-	-		
##	2787	60105	<b>Virtual Home Environment</b>	VHE	2	R99	S1,SMG1,	01/01/1999	31/12/1999	100%	<a href="#">S1-99133</a>	-	Information exists in SP#5-8 reports &		
##	2788	60067	<b>Open Service Access</b>	OSA	2	R99	S1,S2,N5	01/01/1999	31/12/1999	100%	<a href="#">S1-99133</a>	-	Open Service Architecture became in		
##	2789	60091	<b>Super Charger mechanism for signalling traffic associated with mo</b>	Super_Charger	2	R99	N2,N4	01/01/1999	31/12/1999	100%	-	-	Super Charger reduces mobility man		
##	2790	60039	<b>Follow_Me service</b>	Follow_Me	2	R99	S1,N2,N4	01/01/1999	31/12/1999	100%	-	-	Follow Me enables a mobile subscri		
##	2791	60093	<b>Wide area network Synchronization and object exchange</b>	SYNC	2	R99	T2	01/01/1999	31/12/1999	100%	<a href="#">TP-000022</a>	-	Allows data stored in ME/USIM to be		
##	2792	60145	<b>Terminal Interfaces</b>	-	<b>2</b>	<b>R99</b>	<b>T2</b>	<b>01/01/1999</b>	<b>31/12/1999</b>	<b>100%</b>	<b><a href="#">TP-000022</a></b>	-	-		
##	2793	60166	AT commands for 3GPP	-	3	R99	T2	01/01/1999	31/12/1999	100%	<a href="#">TP-000022</a>	-	AT commands to control a 3G ME via		
##	2794	60167	Physical interfaces	-	3	R99	T2	01/01/1999	31/12/1999	100%	<a href="#">TP-000022</a>	-	Conclusion: 3GPP should not produ		
##	2795	60168	Multiplexer	MUX MS-TE	3	R99	T2	01/01/1999	31/12/1999	100%	<a href="#">TP-000022</a>	-	Multiplexing protocol allowing a numb		

ID	ID	Unique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	2796	60169	<b>Bearer Services</b>	-	2	R99	S1,T2,N1,I	01/01/1999	31/12/1999	100%	-	-	-		
##	2797	60012	<b>Circuit Switched Bearer Services</b>	Circuit_switched_B	3	R99	S1,N3	01/01/1999	31/12/1999	100%	<a href="#">NP-99285</a>	-	CS and real-time data services pro		
##	2798	60021	Circuit Switched Bearer Services	CS_BearerSS_in_UM	4	R99	S1,N3	01/01/1999	31/12/1999	100%	<a href="#">NP-99285</a>	-	CS and real-time data services provic		
##	2799	60019	CS_Bearers	CS_Bearers	4	R99	N3	01/01/1999	31/12/1999	100%	-	-	-		
##	2800	60020	CS_BearerSS	CS_BearerSS	4	R99	N3	01/01/1999	31/12/1999	100%	-	-	-		
##	2801	60022	CS_Data	CS_Data	4	R99	N3	01/01/1999	31/12/1999	100%	-	-	-		
##	2802	60023	CS_Data_Bearers	CS_Data_Bearers	4	R99	N3	01/01/1999	31/12/1999	100%	-	-	-		
##	####	60024	<i>Deleted - Circuit Switched Bearer Services</i>	CSBS	4	R99	N3	01/01/1999	31/12/1999	100%	-	-	No CR or new TS/TR approved unde		
##	2804	60040	Frame Tunnelling Mode	FTM	3	R99	T2,N1,N3	01/01/1999	31/12/1999	100%	<a href="#">NP-99285</a>	-	FTM is a type of async non-transpare		
##	2805	60171	Access to ISPs and Intranets – Wireless/Remote access to LANs	Interworking with PD	3	R99	N3	01/01/1999	31/12/1999	100%	<a href="#">N3-99069</a>	-	Access to an Intranet or ISP by runnir		
##	2806	60070	<b>PHS Internet Access Forum Specification</b>	PIAFS	3	R99	S1,N3	01/01/1999	31/12/1999	100%	<a href="#">NP-99285</a>	-	PIAFS is one type of CS bearer dat		
##	2807	60170	Personal Handyphone System Internet Access Forum Standar	PIAFS	4	R99	S1	01/01/1999	31/12/1999	100%	-	-	PIAFS was originally standardised by		
##	2808	60092	Support_of_PIAFS_in_UMTS	Support_of_PIAFS_in	4	R99	N3	01/01/1999	31/12/1999	100%	-	-	-		
##	2809	60172	<b>Universal Integrated Circuit Card (UICC) and Universal Subscriber k</b>	UICC, USIM	2	R99	T3	01/01/1999	31/12/1999	100%	<a href="#">TP-99084</a>	-	For 3G, GSM 11.11 was divided into		
##	2810	60173	UICC / Terminal interface; Physical and logical characteristics	UICC	3	R99	T3	01/01/1999	31/12/1999	100%	<a href="#">TP-99084</a>	-	Defines a generic Terminal/Integrated		
##	2811	60142	UICC/(U)SIM enhancements and interworking	UICC1	3	R99	T3	01/01/1999	31/12/1999	100%	-	-	-		
##	2812	60174	Characteristics of the USIM application	USIM	3	R99	T3	01/01/1999	31/12/1999	100%	<a href="#">TP-99084</a>	-	Defines Universal Subscriber Identity		
##	2813	60114	UICC Application Identifiers	AID, Application_Iden	3	R99	T3	01/01/1999	31/12/1999	100%	<a href="#">TP-99184</a>	-	Defines and administers Application I		
##	2814	60139	SIM Application Toolkit	SAT	3	R99	S1,T3	01/01/1999	31/12/1999	100%	-	-	-		
##	2815	60141	USIM Application Toolkit	USAT	3	R99	T3	01/01/1999	31/12/1999	100%	<a href="#">TP-99184</a>	-	Defines UICC - ME interface, and ma		
##	2816	60175	Bearer Independent Protocol for SAT applications to exchange data	BIP	3	R99	T3	01/01/1999	31/12/1999	100%	<a href="#">SMG P 99 186</a>	-	Defines at SIM-ME interface a basic p		
##	2817	60176	Administrative commands and functions for IC cards	-	3	R99	T3	01/01/1999	31/12/1999	100%	<a href="#">140 (SMG 31)</a>	-	Defines function and syntax of admini		
##	2818	60177	USIM and UICC requirements	-	3	R99	T3	01/01/1999	31/12/1999	100%	<a href="#">TP-99084</a>	-	High level requirements for 3GPP IC		
##	2819	60140	SIM_API	SIM_API	3	R99	T3	01/01/1999	31/12/1999	100%	-	-	-		
##	2820	60086	SIM_toolkit_API	SIM_toolkit	3	R99	SMG9,T3	01/01/1999	31/12/1999	100%	-	-	-		
##	####	60087	<i>Deleted - 1.8 Volt SIM ME interface</i>	SMIME_1.8V	3	R99	SMG9	01/01/1999	31/12/1999	100%	-	-	No CR or new TS/TR approved unde		
##	2822	60178	<b>USIM/UICC Testing</b>	-	2	R99	T3	01/01/1999	31/12/1999	100%	-	-	-		
##	2823	60179	Terminal tests for the UICC Interface	-	3	R99	T3	01/01/1999	31/12/1999	100%	<a href="#">TP-99184</a>	-	Test spec for the interface between U		
##	2824	60180	USIM application test specification	-	3	R99	T3	01/01/1999	31/12/1999	100%	<a href="#">TP-99184</a>	-	Application test spec originally based		
##	2825	60181	USIM conformance test specification	-	3	R99	T3	01/01/1999	31/12/1999	100%	-	-	Conformance Test specification for U		
##	2826	60182	SIM toolkit test specification	-	3	R99	T3	01/01/1999	31/12/1999	100%	<a href="#">SMG P 99 416</a>	-	SIM Application Toolkit (SAT) has ma		
##	2827	60137	<b>Security</b>	Security	2	R99	S3,N2,N4	01/01/1999	31/12/1999	100%	-	-	-		
##	2828	60183	Fraud Information Gathering Service (for connection-orientated serv	FIGS	3	R99	S3	01/01/1999	31/12/1999	100%	-	-	HPLMN can monitor its subscribers ir		
##	2829	60085	Immediate Service Termination / SeCurity Immediate Service Termi	IST, SECIST	3	R99	S3,N2,N4	01/01/1999	31/12/1999	100%	-	-	HPLMN can terminate all activities of		
##	2830	60018	Core_Network_Security	Core_Network_Secur	3	R99	N4	01/01/1999	31/12/1999	100%	-	-	-		
##	2831	60152	<b>GSM Features</b>	-	1	R99	S1,S2,SMC	01/01/1999	31/12/1999	100%	-	-	-		
##	2832	60184	<b>Dual Transfer Mode within GSM and GPRS</b>	DTM	2	R99	SMG,N1	01/01/1999	31/12/1999	100%	<a href="#">om SMG2#32)</a>	-	WID on “BSS co-ordination of Rad		
##	2833	60013	Class A Dual Transfer Mode	Class_A_Dual_Trans	3	R99	SMG	01/01/1999	31/12/1999	100%	-	-	-		
##	2834	60027	Dual Transfer Mode	DTM	3	R99	SMG,N1	01/01/1999	31/12/1999	100%	-	-	-		
##	2835	60185	<b>General Packet Radio Service enhancements</b>	GPRS enhancement	2	R99	S1,S2,SMC	01/01/1999	31/12/1999	100%	-	-	GPRS was introduced in Release 9		
##	2836	60132	General Packet Radio Service	GPRS	3	R99	S1,S2,SMC	01/01/1999	31/12/1999	100%	-	-	-		
##	2837	60133	GPRS2	GPRS2	3	R99	SMG1,N2	01/01/1999	31/12/1999	100%	-	-	Introduction of EGPRS (S1) + Introdu		
##	2838	60134	GPRS Tunnelling Protocol enhancement	GTP_enhancement	3	R99	N4,N2	01/01/1999	31/12/1999	100%	-	-	-		

ID	ID	Unique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	2839	60186	Enhanced Data rates for GSM Evolution - Phase 1	EDGE - Phase 1	2	R99	SMG2,SM	01/01/1999	31/12/1999	100%	<a href="#">SMG 1148/97</a>	-	EDGE is independent of the freque		
##	2840	60030	Enhanced Data rates for GSM Evolution	EDGE	3	R99	SMG2,SM	01/01/1999	31/12/1999	100%	<a href="#">SMG 1148/97</a>	-	-		
##	2841	60034	EDGE-Layer1	EDGE-Layer1	3	R99	SMG2	01/01/1999	31/12/1999	100%	<a href="#">SMG 1148/97</a>	-	-		
##	2842	60135	High Speed Circuit Switched Data	HSCSD	3	R99	SMG1,SM	01/01/1999	31/12/1999	100%	-	-	No additional features for R99.		
##	2843	60029	Enhanced Circuit Switched Data - Phase 1	ECSD	3	R99	S1,SMG	01/01/1999	31/12/1999	100%	-	-	ECSD supports both transparent and		
##	2844	60032	EDGE-Enhanced Circuit Switched Data	EDGE-ECSD	3	R99	SMG2	01/01/1999	31/12/1999	100%	-	-	-		
##	2845	60035	Enhanced GPRS - Phase 1	EGPRS	3	R99	SMG,N1	01/01/1999	31/12/1999	100%	-	-	-		
##	2846	60033	EDGE-EGPRS	EDGE-EGPRS	3	R99	SMG2	01/01/1999	31/12/1999	100%	-	-	-		
##	2847	60069	Packet Flow Context (PFC)	PFC	3	R99	SMG2	01/01/1999	31/12/1999	100%	-	-	-		
##	2848	60031	Support for EGPRS in ANSI-136 networks and EDGE COMPACT	EDGE-Compact	3	R99	SMG	01/01/1999	31/12/1999	100%	<a href="#">SMG2 872/99</a>	-	Support for EGPRS in ANSI-136 netw		
##	2849	60036	EGPRS COMPACT	EGPRS-Compact	3	R99	SMG	01/01/1999	31/12/1999	100%	<a href="#">SMG2 872/99</a>	-	COMPACT = Deployment of services		
##	2850	60136	COMPACT	COMPACT	3	R99	SMG,N1	01/01/1999	31/12/1999	100%	<a href="#">SMG2 872/99</a>	-	COMPACT = Deployment of services		
##	2851	60047	<b>GSM_400</b>	GSM_400	2	R99	SMG2,SM	01/01/1999	31/12/1999	100%	<a href="#">SMG2 507/00</a>	-	GSM in the 400 MHz bands allows to		
##	2852	60048	<b>GSM_450</b>	GSM_450	2	R99	SMG2	01/01/1999	31/12/1999	100%	-	-	-		
##	2853	60131	<b>GSM_700</b>	GSM_700	2	R99	SMG2	01/01/1999	31/12/1999	100%	-	-	-		
##	####	60041	<i>Deleted - GERAN</i>	GERAN	2	R99	SMG2,S2	01/01/1999	31/12/1999	100%	-	-	No CR or new TS/TR approved unde		
##	2855	60153	<b>GSM Features transposed to UMTS</b>	-	1	R99	S1,S3,T2,I	01/01/1999	31/12/1999	100%	-	-	-		
##	2856	60187	<b>Cell Broadcast Service</b>	CBS	2	R99	T2	01/01/1999	31/12/1999	100%	<a href="#">TP-000022</a>	-	Moved to CT1 at TSG-T closure. App		
##	2857	60188	<b>GSM mobile number portability euro MNP / North American MNP</b>	<b>MNP</b>	2	R99	S1,N2,N4	01/01/1999	31/12/1999	100%	<a href="#">m R98 (02.66)</a>	-	<b>R98 MNP: mobile subscriber ability</b>		
##	2858	60144	Mobile Number Portability	MNP	3	R99	N2,N4	01/01/1999	31/12/1999	100%	-	-	-		
##	2859	60189	<b>Automatic establishment of roaming relations</b>	-	2	R99	S1	01/01/1999	31/12/1999	100%	-	Telecom Italia	framework for commercial and technii		
##	2860	60190	<b>Advanced addressing</b>	-	2	R99	S1	01/01/1999	31/12/1999	100%	<a href="#">S1-99136</a>	-	-		
##	2861	60191	<b>UMTS numbering, addressing and identities</b>	-	2	R99	S1	01/01/1999	31/12/1999	100%	-	-	Also new requirements for Single and		
##	2862	60192	<b>Lawful Interception</b>	LI	2	R99	S3	01/01/1999	31/12/1999	100%	-	-	Defines an interception system in UM		
##	2863	60154	<b>Charging</b>	<b>CH</b>	1	R99	S1,S5	01/01/1999	31/12/1999	100%	-	-	-		
##	2864	60011	<b>Charging</b>	Charging	2	R99	S1	01/01/1999	31/12/1999	100%	-	-	WID SP-99271 Charging and account		
##	2865	60215	<b>OAM Charging Management</b>	OAMCH, CH	2	R99	S5	01/01/1999	31/12/1999	100%	<a href="#">SP-99271</a>	-	WID SP-99581 SA5 Year 2000 Work		
##	2866	60155	<b>Operations, Administration, Maintenance and Provis</b>	<b>OAM</b>	1	R99	S5	01/01/1999	31/12/1999	100%	<a href="#">SP-99581</a>	-	<b>WID SP-99581 SA5 Year 2000 Work</b>		
##	2867	60073	<b>OAM Principles and High-level Requirements</b>	PR, Princs_&_Reqs_	2	R99	S5	01/01/1999	31/12/1999	100%	<a href="#">SP-99581</a>	-	WID SP-99581 SA5 Year 2000 Work		
##	2868	60062	<b>OAM Architecture</b>	OAMAR, AR, Telecor	2	R99	S5	01/01/1999	31/12/1999	100%	<a href="#">SP-99581</a>	-	WID SP-99581 SA5 Year 2000 Work		
##	2869	60014	<b>OAM Configuration Management</b>	OAMCM, CM	2	R99	S5	01/01/1999	31/12/1999	100%	<a href="#">SP-99273</a>	-	WID SP-99273 Configuration manage		
##	2870	60063	<b>OAM Fault Management</b>	OAMFM	2	R99	S5	01/01/1999	31/12/1999	100%	<a href="#">SP-99272</a>	-	WID SP-99272 Fault management		
##	2871	60064	<b>OAM Performance Management</b>	OAMPM, PM	2	R99	S5	01/01/1999	31/12/1999	100%	<a href="#">SP-99274</a>	-	WID SP-99274 Performance manage		
##	2872	60106	<b>Vocabulary</b>	Vocabulary	1	R99	S1	01/01/1999	31/12/1999	100%	-	-	-		
##	2873	60037	<b>Emergency</b>	Emergency	1	R99	S1	01/01/1999	31/12/1999	100%	-	-	-		
##	2874	60049	<b>GSM General Bearer Services (GBS) and interworki</b>	GSM_to_UMTS_Evol	1	R99	S1	01/01/1999	31/12/1999	100%	-	-	UMTS shall support GSM General Be		
##	2875	60043	<b>GPRS_Mobile_IP_interworking</b>	GPRS_Mobile_IP_int	1	R99	N3	01/01/1999	31/12/1999	100%	-	-	-		
##	2876	60046	<b>GSM/UMTS interworking</b>	2G3Ginterworking	1	R99	N1,N2,N4,	01/01/1999	31/12/1999	100%	-	-	-		
##	2877	60050	<b>Handover</b>	Handover	1	R99	S1,SMG2,I	01/01/1999	31/12/1999	100%	-	-	-		
##	2878	60120	<b>2G3Ghandover</b>	2G3Ghandover	1	R99	SMG2	01/01/1999	31/12/1999	100%	-	-	-		
##	2879	60088	<b>Service Provider Name Indication</b>	SPANME	1	R99	S1	01/01/1999	31/12/1999	100%	-	-	Service Provider Name Indication incl		
##	2880	60026	<b>Data &amp; Data_CleanUp</b>	Data, Data_CleanUp	1	R99	SMG1	01/01/1999	31/12/1999	100%	-	-	-		
##	2881	60125	<b>Unstructured Supplementary Service Data</b>	USSD	1	R99	SMG1,N4	01/01/1999	31/12/1999	100%	-	-	No additional features for R99.		

ID	ID	Unique_IC	Name	Acronym	utilit leve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes		
														Qtr 3, 2011	
														May	Jul
##	2882	60126	<b>Man-Machine Interface (MMI) of the User Equipment</b>	MMI	1	R99	S1	01/01/1999	31/12/1999	100%	-	-	Data services streamlining + Support		
##	2883	60127	<b>Network Identity and Timezone (NITZ)</b>	NITZ	1	R99	SMG1,SM	01/01/1999	31/12/1999	100%	-	-	-		
##	2884	60128	<b>Operator Determined Barring for Packet Oriented Se</b>	ODB_Enh.	1	R99	S1	01/01/1999	31/12/1999	100%	-	-	Remove ODB for Packet Oriented Se		
##	2885	60068	<b>Packet Flow Management</b>	Packet_Flow_Manag	1	R99	SMG2	01/01/1999	31/12/1999	100%	-	-	-		
##	2886	60044	<b>GPRS_Point-To-Multipoint Group call</b>	GPRS_PTMG	1	R99	SMG1	01/01/1999	31/12/1999	100%	-	-	-		
##	2887	60156	<b>Call Forwarding</b>	-	1	R99	SMG1,N2,	01/01/1999	31/12/1999	100%	-	-	-		
##	2888	60010	<b>Call Forwarding enhancements</b>	CF_enhancements	2	R99	N4,N2	01/01/1999	31/12/1999	100%	-	-	No additional features for R99.		
##	2889	60116	<b>Call Forwarding</b>	Call_Forwarding	2	R99	SMG1,N2	01/01/1999	31/12/1999	100%	-	-	-		
##	2890	60117	<b>Call Forwarding Enhancements</b>	Call_Forwarding_Enh	2	R99	N4	01/01/1999	31/12/1999	100%	-	-	-		
##	2891	60157	<b>Quality of Service</b>	-	1	R99	S2,T2,N1,I	01/01/1999	31/12/1999	100%	-	-	<b>WID SMG 98-0781 End To End UMT</b>		
##	2892	60076	<b>End-to-end UMTS Quality of Service management</b>	QoS	2	R99	S2,T2,N1,I	01/01/1999	31/12/1999	100%	<a href="#">SMG 98-0781</a>	-	WID SMG 98-0781 End To End UMT		
##	2893	60130	<b>End-to-end QoS for PS Domain including IMS</b>	E2EQoS	2	R99	S2	01/01/1999	31/12/1999	100%	-	-	-		
##	2894	60045	<b>GPRS-enhanced_QoS</b>	GPRS-enhanced_Qo	2	R99	T2	01/01/1999	31/12/1999	100%	-	-	AT-commands for Enhanced QoS Su		
##	2895	60077	<b>QoS_enhancements</b>	QoS_enhancements	2	R99	N2,N1,N4	01/01/1999	31/12/1999	100%	-	-	-		
##	2896	60129	<b>Support of Localised Service Area</b>	SoLSA	1	R99	SMG2,SM	01/01/1999	31/12/1999	100%	-	-	Mechanism which can be used as a p		
##	2897	60100	<b>Transcoder_location</b>	Transcoder_location	1	R99	S2	01/01/1999	31/12/1999	100%	-	-	UE location identification: background		
##	2898	60113	<b>Antenna_test_methods</b>	Antenna_test_metho	1	R99	SMG2	01/01/1999	31/12/1999	100%	-	-	-		
##	2899	60107	<b>WBAMR / high quality speech in UMTS Phase 1 but i</b>	WBAMR	1	R99	S1	01/01/1999	31/12/1999	100%	-	-	Add requirement for high quality spee		
##	2900	60138	<b>Codec</b>	-	1	R99	S4	01/01/1999	31/12/1999	100%	-	-	-		
##	2901	60015	<b>Codec(s)_for_Multimedia_Telephony_Service</b>	Multimedia_Codec, C	2	R99	S4	01/01/1999	31/12/1999	100%	-	-	-		
##	2902	60078	<b>QoS for Speech and Multimedia Codec</b>	QoS_for_Speech_&	2	R99	S4	01/01/1999	31/12/1999	100%	<a href="#">SP-99060</a>	-	-		
##	2903	60099	<b>Tandem Free Operation - Adaptive Multi-Rate codec types</b>	TFOAMR	2	R99	S4	01/01/1999	31/12/1999	100%	-	-	UMTS_AMR2 is default Codec Type i		
##	2904	60112	<b>Noise Suppression for AMR</b>	AMRNS	2	R99	S4	01/01/1999	31/12/1999	100%	-	-	Combination of the AMR speech code		
##	2905	60065	<b>Out-of-Band Transcoder</b>	OoBT	2	R99	N1	01/01/1999	31/12/1999	100%	-	-	Transcoder handling in the CN at inte		
##	2906	60066	<b>Out-of-Band Transcoder Control</b>	OoBTC	2	R99	N1	01/01/1999	31/12/1999	100%	-	-	24.008 CR#0572 in NP-020220 was i		
##	2907	60143	<b>Advanced Speech Call Items enhancements</b>	ASCI	1	R99	SMG1,SM	01/01/1999	31/12/1999	100%	-	-	-		
##	2908	60009	<b>Call Control improvements</b>	CC_Related_items	1	R99	N1	01/01/1999	31/12/1999	100%	-	-	Minor improvements to 24.007 and 24		
##	2909	60059	<b>Multimedia</b>	Multimedia	1	R99	N1,N3	01/01/1999	31/12/1999	100%	-	-	-		
##	2910	60089	<b>Sub-System Number allocation for RANAP, RNSAP</b>	SSN_allocation	1	R99	N2	01/01/1999	31/12/1999	100%	-	-	Sub-System Number allocation for R2		
##	2911	60053	<b>Intranet / ISP access with DHCP end-to-end</b>	ISPaccess	1	R99	N3	01/01/1999	31/12/1999	100%	-	-	Access to an Intranet/ISP with DHCP		
##	2912	60072	<b>Point_to_Multipoint_Services</b>	Point_to_Multipoint_S	1	R99	N3	01/01/1999	31/12/1999	100%	-	-	Support for the IP-Multicast protocol		
##	2913	60146	<b>Facsimile</b>	FAX	1	R99	S1	01/01/1999	31/12/1999	100%	-	-	-		
##	2914	60081	<b>Realtime_NT_FAX_in_UMTS</b>	Realtime_NT_FAX_in	1	R99	N3	01/01/1999	31/12/1999	100%	-	-	Asynchronous Interface for real-time i		
##	2915	60042	<b>Gateway Location Register (GLR) - Mobile Applicati</b>	GLR	1	R99	N4	01/01/1999	31/12/1999	100%	-	-	-		
##	2916	60056	<b>Multiple Subscriber Profile phase 2</b>	MSP2	1	R99	S1,N4	01/01/1999	31/12/1999	100%	-	-	-		
##	2917	60074	<b>Prepaging</b>	Prepaging	1	R99	N2,N4	01/01/1999	31/12/1999	100%	-	-	-		
##	2918	60148	<b>Downlink Advanced Receiver Performance</b>	-	1	R99	SMG	01/01/1999	31/12/1999	100%	-	-	Re-definition of channel quality meas		
##	2919	60051	<b>Harmonized Standard</b>	HS	1	R99	SMG2	01/01/1999	31/12/1999	100%	-	-	-		
##	2920	60090	<b>Streamlining of specifications</b>	Streamlining	1	R99	N3	01/01/1999	31/12/1999	100%	-	-	-		
##	2921	60079	<b>R99_Service_Clean_up</b>	R99_Service_Clean_	1	R99	N3	01/01/1999	31/12/1999	100%	-	-	-		
##	2922	60094	<b>(Small) Technical Enhancements and Improvements</b>	TEI	1	R99	N3	01/01/1999	31/12/1999	100%	-	-	-		
##	2923	60095	<b>TEI_[CS_Data]</b>	TEI_[CS_Data]	2	R99	N3	01/01/1999	31/12/1999	100%	-	-	-		
##	2924	60096	<b>TEI_[GPRS]</b>	TEI_[GPRS]	2	R99	N3	01/01/1999	31/12/1999	100%	-	-	-		



ID	ID	Jnique_ID	Name	Acronym	utlin_eve	Release	Resource Names	Start	Finish	% Comple	Hyperlink	WI rapporteur name	Notes	Qtr 3, 2011	
														May	Jul
##	2925	25016	R99 UE Conformance Testing	TEI_Test	1	R99	R5,T1	01/01/1999	31/12/1999	100%	-	-	Specifies Conformance Tests for a		
##	#####	60084	Deleted - RTEI	RTEI	2	R99	T1	01/01/1999	31/12/1999	100%	-	-	No CR or new TS/TR approved unde		
##	2927	60193	Common test environments for User Equipment (UE); Conformance	TEI_Test	2	R99	R5,T1	01/01/1999	01/01/1999	100%	-	-	-		
##	2928	60194	Terminal conformance specification, Radio transmission and recep	TEI_Test	2	R99	R5,T1	01/01/1999	01/01/1999	100%	-	-	measurement procedures for the con		
##	2929	60195	Terminal conformance specification, Radio transmission and recep	TEI_Test	2	R99	R5,T1	01/01/1999	01/01/1999	100%	-	-	measurement procedures for the con		
##	2930	60196	UE conformance specification; Part 1: Protocol conformance specifi	TEI_Test	2	R99	R5,T1	01/01/1999	01/01/1999	100%	-	-	TS 34.123, composed of three parts,		
##	2931	60197	UE conformance specification; Part 2: Implementation Conformanc	TEI_Test	2	R99	R5,T1	01/01/1999	01/01/1999	100%	-	-	Part 2 contains the applicability of ear		
##	2932	60198	UE conformance specification; Part 3: Abstract test suites (ATSS)	TEI_Test	2	R99	R5,T1	01/01/1999	01/01/1999	100%	-	-	Part 3 specifies the protocol conforme		
##	#####	60028	Deleted - Dual Tone Multi-Frequency signalling : Support in the whole 3GPP s	DTMF	1	R99	N1	01/01/1999	31/12/1999	100%	-	-	No CR or new TS/TR approved unde		
##	#####	60052	Deleted - Intersystem_Change	Intersystem_Change	1	R99	SMG	01/01/1999	31/12/1999	100%	-	-	No CR or new TS/TR approved unde		
##	#####	60054	Deleted - Long_Forwardedto_Numbers	Long_Forwardedto_N	1	R99	N2	01/01/1999	31/12/1999	100%	-	-	-		
##	#####	60080	Deleted - RANimp-FSEarlyUE	RANimp-FSEarlyUE	1	R99	R3	01/01/1999	31/12/1999	100%	-	-	No CR or new TS/TR approved unde		
##	2937	0	Release 1999 Studies	-	1	R99	S1,T2	01/01/1999	31/12/1999	100%	-	-	-		
##	2938	60061	Advanced Addressing/Numbering	Numbering	1	R99	S1	01/01/1999	31/12/1999	100%	-	Vodafone	Study on requirements for numbering		
##	2939	60161	Combined GSM and Mobile IP mobility handling in U	-	1	R99	S2	01/01/1999	31/12/1999	100%	SMG 98/0760	-	-		
##	2940	60101	UE Capabilities Requirements	UCR	1	R99	T2	01/01/1999	31/12/1999	100%	TP-000022	-	Moved to CT1 at TSG-T closure		
##	2941	60158	Electrical safety requirements and regulations	-	1	R99	T2	01/01/1999	31/12/1999	100%	TP-000022	-	Moved to RAN4 at TSG-T closure. TF		
##	2942	60159	Specific Absorbtion Rate (SAR) requirements and re	-	1	R99	T2	01/01/1999	31/12/1999	100%	TP-000022	-	Moved to RAN4 at TSG-T closure.		
##	2943	60160	Multi-mode UE issues	-	1	R99	T2	01/01/1999	31/12/1999	100%	TP-000022	-	Moved to CT1 at TSG-T closure. Con		
##	2944	60162	Provision of fax service in GSM and UMTS	-	1	R99	T2	01/01/1999	31/12/1999	100%	-	Ericsson	CP#27: Moved to C1 on closure of T2		
##	2945	60163	Separating Radio Resources and Mobility Managem	-	1	R99	T2	19/09/2003	16/03/2006	100%	-	-	CP#27: change of WG as a result of r		

Project: 3GPP\_Release-2000  
Date: 07/06/2011

Critical		Baseline Split		Rolled Up Critical Progress		External Tasks	
Critical Split		Baseline Milestone		Rolled Up Task		Project Summary	
Critical Progress		Milestone		Rolled Up Split		External Milestone	
Task		Summary Progress		Rolled Up Task Progress		Deadline	
Split		Summary		Rolled Up Baseline			
Task Progress		Rolled Up Critical		Rolled Up Baseline Milestone			
Baseline		Rolled Up Critical Split		Rolled Up Milestone			