

ID	Jnique_IC	Name	Acronym	utlin_eve	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
1	0	Version 2013 Mar 17	-	1	-	-	03/01/2000	03/01/2000	0%	-	-			
2	0	Rel-12 Stage 1 frozen 03/2013	-	1	-	-	03/01/2000	03/01/2000	0%	-	-			
3	0	Rel-12 Stage 2 freeze 12/2013	-	1	-	-	03/01/2000	03/01/2000	0%	-	-			
4	0	Rel-12 Stage 3 freeze 06/2014	-	1	-	-	03/01/2000	03/01/2000	0%	-	-			
5	0	Gantt: dark blue=done; light blue=to be done; grey: previous values; black=summary	-	1	-	-	07/12/1998	07/12/1998	0%	-	-			
6	0	Release 13 Studies	-	1	Rel-13	SP	06/03/2013	25/12/2015	0%	-	-			
7	540028	Study on RAN Sharing Enhancements	FS_RSE	1	Rel-13	S1	14/12/2011	19/06/2013	95%	SP-110820	NEC			
8	570034	Study on Application specific Congestion control for Data Communication	FS_ACDC	1	Rel-13	S1	13/09/2012	11/12/2013	30%	SP-120546	NTT DOCOMO			
9	520035	Study on Usage Monitoring Control enhancement	FS_UMONC	1	Rel-13	S2,S1	08/06/2011	25/12/2014	79%	SP-120554	ZTE			
13	0	Release 12 Features	-	1	Rel-12	CP,RP,GP	28/09/2011	12/03/2014	0%	-	-			
14	0	Stage 1 - ONLY Features	-	1	Rel-12	SP,CP	27/09/2011	11/03/2014	0%	-	-			
15	490030	SIPTO Service Continuity of IP Data Session	SIPTO_SC	1	Rel-12	S1	23/09/2010	21/09/2011	100%	SP-100589	Vodafone			
17	500031	Interworking between Mobile Operators using the Evolved Packet System and I	MOSAP	1	Rel-12	S1,S2	16/12/2010	12/12/2012	100%	SP-120427	Cisco			
21	520027	IMS Network-Independent Public User Identities	INIPUI	1	Rel-12	S1	08/06/2011	20/06/2012	100%	SP-120425	Vodafone			
23	530043	Service and Media Reachability for Users over Restrictive Firewalls	SMURFs	1	Rel-12	S1	21/09/2011	20/06/2012	100%	SP-110653	Vodafone			
25	550024	Advanced IP Interconnection of Services (IPXS) for national interconnect	IPXSINAT	1	Rel-12	S1	06/03/2012	12/09/2012	100%	SP-120428	KPN			
27	550025	Integration of Single Sign-On (SSO) frameworks with 3GPP networks	SSO_Int	1	Rel-12	S1	08/03/2012	12/09/2012	100%	SP-120184	InterDigital			
29	560019	Explicit Communication Transfer Blind (ECT Blind) service interactions	ECTB	1	Rel-12	S1	18/06/2012	20/06/2012	100%	SP-120301	Orange			
31	570027	IMS access via Digital Video Broadcast - Return Channel via Satellite (DVB-RC)	IMSSat	1	Rel-12	S1	02/02/2012	12/09/2012	100%	SP-120543	KPN			
33	580060	Sequential Flexible Alerting	SEQ_FA	1	Rel-12	S1	10/12/2012	12/12/2012	100%	SP-120895	Orange			
35	580061	Language and Modality Information for communications	LangInfo	1	Rel-12	S1	11/12/2012	06/03/2013	100%	SP-130108	Orange			
37	580062	Web Real Time Communication access to IMS	IMS_WebRTC	1	Rel-12	S1	13/12/2012	19/06/2013	0%	SP-120892	China Mobile			
39	590040	Emergency Session Identification	ESID	1	Rel-12	S1	04/03/2013	06/03/2013	100%	SP-130126	Telecom Italia			
41	590041	Application and Service Access Control	ASAC	1	Rel-12	S1	06/03/2013	19/06/2013	0%	SP-130124	NTT DOCOMO			
43	590042	Prevention of Mobile-Originating signalling and/or data traffic of UE in Connect	PMOC	1	Rel-12	S1	04/03/2013	06/03/2013	100%	SP-130111	NTT DOCOMO			
45	0	SA1/SA2 Features	-	1	Rel-12	SP,CP	27/09/2011	11/03/2014	0%	-	-			
46	530042	IMS-based Telepresence	IMS_TELEP	1	Rel-12	S1,C1,C3	22/09/2011	07/03/2014	19%	SP-110588	Orange			
52	560020	Group Communication System Enablers for LTE	GCSE_LTE	1	Rel-12	S1,S2	18/06/2012	06/12/2013	19%	SP-130158	imens Networks			
56	570028	IMS Registration Control	IMS_RegCon	1	Rel-12	S1,S2	31/01/2012	19/06/2013	64%	SP-120735	China Mobile			
59	570029	User Plane Congestion management	UPCON	1	Rel-12	S1,S2	02/02/2012	11/09/2013	45%	SP-120890	KDDI			
63	500028	LIPA Mobility and SIPTO at the Local Network	LIMONET	1	Rel-12	2,C4,C1,R3	15/10/2010	14/03/2014	62%	SP-120926	Huawei			
75	510049	Operator Policies for IP Interface Selection	OPIIS	1	Rel-12	S2	23/03/2011	06/03/2013	100%	SP-120738	LG Electronics			
78	520029	Short Message Service (SMS) submit and delivery without MSISDN in IMS	SMSMI	1	Rel-12	S2,C1,C4	08/06/2011	13/09/2013	74%	SP-120321	imens Networks			
84	560022	Machine-Type and other mobile data applications Communications enhancement	MTCe	1	Rel-12	S2,S1,S3	10/12/2009	11/12/2013	49%	SP-120540	Intel			
97	560024	Policy and Charging Control for supporting fixed broadband access networks	P4C	1	Rel-12	S2,S1	20/06/2012	11/12/2013	53%	SP-120443	Huawei			
109	560025	IMS Business Trunking for IP-PBX in Static Mode of Operation	BusTI	1	Rel-12	S2,S1	28/09/2011	11/12/2013	38%	SP-120862	utsche Telekom			
113	560026	WLAN Network Selection for 3GPP Terminals	WLAN_NS	1	Rel-12	S2,S1,S3	18/06/2012	11/12/2013	12%	SP-120847	Intel			
117	580059	Proximity-based Services	ProSe	1	Rel-12	S1,S2,S3	13/12/2012	19/03/2014	11%	SP-130030	Qualcomm			
123	580063	Usage Monitoring Control PCC enhancement	UMONC	1	Rel-12	S2	13/12/2012	06/03/2013	100%	SP-120928	ZTE			
125	590039	Application Based Charging	ABC	1	Rel-12	S2	06/03/2013	06/12/2013	0%	SP-130099	communications			
127	560028	Rel-12 Security small Enhancements	SEC12	1	Rel-12	S3	23/03/2011	18/06/2014	50%	not applicable	-			
128	510054	Security aspects of Public Warning System	PWS_Sec	1	Rel-12	S3,S1	23/03/2011	11/12/2013	61%	SP-120434	ST-Ericsson			
136	520031	Security enhancements for usage of Generic Bootstrapping Architecture (GBA)	Web_GBA	1	Rel-12	S3	08/06/2011	19/06/2013	90%	SP-120890	Nokia			

ID	Jnique_IC	Name	Acronym	utlin leve	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
137	560030	Extended IMS media plane security features	eMEDIASEC	1	Rel-12	3,C4,C1,C3	20/06/2012	11/12/2013	18%	SP-120447	Vodafone			
143	570032	Lawful Interception in the 3GPP Rel-12	LI12	1	Rel-12	S3	17/09/2012	06/12/2013	5%	SP-130159	IS, Alcatel-Lucent			
144	580064	Tunnelling of UE Services over Restrictive Access Networks (Stage 2/3)	TURAN	1	Rel-12	S3	13/12/2012	11/09/2013	5%	SP-120850	Acme Packet			
145	470030	Codec for Enhanced Voice Services	EVS_codec	1	Rel-12	S4,S1	25/03/2010	17/09/2014	65%	SP-100202	Huawei			
148	560040	Coordination of Video Orientation	CVO	1	Rel-12	S4	07/06/2012	06/03/2013	100%	SP-120228	Ericsson			
149	570033	High Efficiency Video Coding	HEVC	1	Rel-12	S4	12/09/2012	05/03/2014	5%	SP-120510	Qualcomm			
152	580065	Mobile stereoscopic 3D services extensions	M3DV_Ext	1	Rel-12	S4	12/12/2012	11/09/2013	30%	SP-120768	Huawei			
153	580066	IMS-based Streaming and Download Delivery Enhancements	IMS_SDE	1	Rel-12	S4	12/12/2012	12/03/2014	2%	SP-120767	Intel			
156	580067	Acoustic Requirements and Test methods for IMS-based conversational speech	ART_LTE	1	Rel-12	S4	12/12/2012	18/06/2014	9%	SP-120769	Qualcomm			
160	590043	MBMS Improvements	MI	1	Rel-12	S4	06/03/2013	18/06/2014	0%	SP-130024	Ericsson			
163	590044	End-to-End Multimedia Telephony Service for IMS (MTSI) extensions	E2EMTSI	1	Rel-12	S4	06/03/2013	11/12/2013	0%	SP-130160	Ericsson			
164	560031	Rel-12 Operations, Administration, Maintenance and Provisioning (OAM&P)	OAM12	1	Rel-12	S5	21/09/2011	12/09/2014	17%	not applicable	-			
183	570037	Rel-12 Charging Management small Enhancements	CH12	1	Rel-12	S5	12/12/2012	12/03/2014	10%	not applicable	-			
185	530018	IMS Emergency PSAP Callback (Stage 3)	EMC_PC	1	Rel-12	C1,C3,IETF	21/09/2011	14/06/2013	18%	CP-110725	Ericsson			
189	570008	Interworking between a PLMN with WLAN to access the EPC and a PDN (Stage 3)	SAES_WLAN_EPC_i	1	Rel-12	C3	10/09/2012	06/12/2013	80%	CP-120540	Huawei			
190	580009	Reporting Enhancements in Warning Message Delivery	REP_WMD	1	Rel-12	C1,C4,R3	07/12/2012	13/06/2014	32%	CP-120701	one2many			
195	580012	SRVCC before ringing	bSRVCC	1	Rel-12	C1	07/12/2012	14/06/2013	75%	CP-120707	NTT DOCOMO			
196	580013	IMS Stage 3 IETF Protocol Alignment - Phase 6	IMSProtoc6	1	Rel-12	C1,C3	07/12/2012	06/06/2014	10%	CP-120905	Alcatel-Lucent			
199	580016	SAE Protocol Development - Phase 3	SAES3	1	Rel-12	C1	07/12/2012	12/06/2014	10%	CP-120704	InterDigital			
203	580020	IM-SSF Application Server Service Data Descriptions (Stage 2/3)	IMS_SSFDD	1	Rel-12	C4,C1	07/12/2012	14/06/2013	79%	CP-120756	Huawei			
206	580023	Diameter based interface between SGSN and SMS central functions (Stage 2/3)	Dia_SGSN_SMS	1	Rel-12	C4,C1	10/12/2012	13/09/2013	9%	CP-130035	Alcatel-Lucent			
209	580024	Diameter based interface between SGSN-GMLC (Stage 3)	Dia_SGSN_GMLC	1	Rel-12	C4	10/12/2012	13/09/2013	50%	CP-120909	Cisco			
210	590009	IMS impacts on UICC Application Aspects	IMS_UApAs	1	Rel-12	C6	01/03/2013	14/03/2014	0%	CP-130169	secke & Devrient			
211	590012	eMBMS restoration procedures	eMBMS_Rest	1	Rel-12	C4	01/03/2013	14/06/2013	0%	CP-130036	Alcatel-Lucent			
212	590014	Dual Radio VCC enhancements (Stage 2/3)	eDRVCC	1	Rel-12	S2,C1,C3	19/09/2012	13/09/2013	50%	CP-130091	Ericsson			
217	530002	Introduction of ER-GSM band for GSM-R	RT_ERGSM	1	Rel-12	G1,C1	16/09/2011	17/05/2013	40%	GP-111468	isoch Carriercom			
220	570002	Downlink Multi Carrier GERAN	DMCG	1	Rel-12	C1,G3new	01/09/2012	28/02/2014	10%	GP-121158	Ericsson			
224	590033	Mobile Station Receive Diversity (MSRD) for Voice Services over Adaptive Multi	MSRD_VAMOS	1	Rel-12	C1,G3new	01/03/2013	21/02/2014	0%	GP-130285	Networks, Nokia			
228	550016	Verification of radiated multi-antenna reception performance of UEs in LTE/UM	HSPA_LTE_measRF	1	Rel-12	R4	05/03/2012	14/06/2013	45%	RP-120368	Vodafone			
230	570021	Further enhancements to H(e)NB mobility - Part 3 (Stage 2/3)	EHNb_enh3	1	Rel-12	R3,R2	12/09/2012	14/06/2013	20%	RP-121444	Alcatel-Lucent			
232	580037	LTE UE Total Radiated Power (TRP) and Total Radiated Sensitivity (TRS) and U	LTE_UTRA_TRP_TF	1	Rel-12	R4	15/03/2013	13/06/2014	5%	RP-130217	Nokia			
234	590019	Support for BeiDou Navigation Satellite System (BDS) for UTRA and LTE	LCS_BDS	1	Rel-12	R2,R3,R4	01/03/2013	13/06/2014	0%	RP-130416	CATR			
239	590030	Base Station (BS) RF requirements for Active Antenna System (AAS)	AAS_BS_LTE_UTRA	1	Rel-12	R4	01/03/2013	05/12/2014	0%	RP-130373	Huawei			
242	510033	Carrier based HetNet ICIC for LTE (on hold till 06/13)	LTE_CA_HetNet_ICI	1	Rel-12	R3,R1,R2	18/03/2011	06/12/2013	40%	RP-121198	imens Networks			
244	550017	LTE in the 1670-1675 MHz Band for US	LTE_FDD_1670_US	1	Rel-12	R4,R2,R3	05/03/2012	13/06/2014	10%	RP-121397	LightSquared			
247	570017	LTE in the US Wireless Communications Service (WCS) Band	LTE_WCS_band	1	Rel-12	R4,R2	12/09/2012	13/09/2013	13%	RP-121419	AT&T			
250	570019	Introduction of LTE 450 MHz band in Brazil	LTE450_Brazil	1	Rel-12	R4	11/09/2012	14/06/2013	15%	RP-121414	Huawei			
253	570020	Further Downlink MIMO Enhancement for LTE Advanced	LTE_eDL_MIMO_enl	1	Rel-12	R1,R4	11/09/2012	13/09/2013	8%	RP-121416	Alcatel-Lucent			
256	570025	New Carrier Type for LTE	LTE_NCT	1	Rel-12	R1,R2,R4	11/09/2012	13/06/2014	3%	RP-122028	Ericsson			
259	580027	Further Enhancements to LTE TDD for DL-UL Interference Management and Tr	LTE_TDD_eIMTA	1	Rel-12	1,R2,R3,R4	10/12/2012	13/06/2014	2%	RP-121772	CATT			
262	580029	Hetnet Mobility Enhancements for LTE	HetNet_eMOB_LTE	1	Rel-12	R2,R4	10/12/2012	07/03/2014	5%	RP-122007	Alcatel-Lucent			
264	580030	Further enhancements for HeNB mobility-X2-GW	EHNb_enh2_X2GW	1	Rel-12	R3	10/12/2012	13/09/2013	10%	RP-122006	Alcatel-Lucent			
266	580031	8 Rx Antennas for LTE UL	LTE_UL_8Rx	1	Rel-12	R4	10/12/2012	06/12/2013	20%	RP-121709	China Telecom			

ID	Jnique_IC	Name	Acronym	utilin leve	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
268	580068	Rel-12 LTE Carrier Aggregation	LTE_CA_Rel-12	1	Rel-12	RP	19/09/2011	05/12/2014	21%	not applicable	-			
355	580028	HSPA signalling enhancements for more efficient resource usage for LCR	LCR_TDD_HSPA_si	1	Rel-12	1,R2,R3,R4	10/12/2012	06/12/2013	7%	RP-121984	CATT			
358	560018	(Small) Technical Enhancements and Improvements for Rel-12	TEH12	1	Rel-12	All	26/06/2012	20/12/2013	0%	not applicable	-			
359	0	Release 12 Studies	-	1	Rel-12	CP,GP,RP	28/09/2011	12/03/2014	0%	-	-			
360	470020	Study on Alternatives to E.164 for Machine-Type Communications	FS_AMTC	1	Rel-12	S1	25/03/2010	07/03/2012	100%	SP-100198	T-Mobile USA			
361	480032	Study on enhancements for Machine-Type Communications (MTC)	FS_MTCe	1	Rel-12	S1	10/06/2010	06/03/2013	100%	SP-100448	Huawei			
362	490035	Study on Integration of Single Sign-On (SSO) frameworks with 3GPP networks	FS_SSO_Int	1	Rel-12	S1	23/09/2010	07/03/2012	100%	SP-100640	InterDigital			
363	500035	Study on Continuity of Data Sessions to Local Networks	FS_CSN	1	Rel-12	S1	16/12/2010	14/12/2011	100%	SP-100885	NEC			
364	500036	Study on non-MTC Mobile Data Applications Impacts	FS_MODAL	1	Rel-12	S1	16/12/2010	14/12/2011	100%	SP-100889	wei, China Mobile			
365	530044	Study on Proximity-based Services	FS_ProSe	1	Rel-12	S1	22/09/2011	05/03/2013	100%	SP-110638	Qualcomm			
366	540027	Study on User Plane Congestion management	FS_UPCON	1	Rel-12	S1	14/12/2011	12/09/2012	100%	SP-110819	KDDI			
367	460025	Deleted - Study on UICC/USIM enhancements	FS_U2e	1	Rel-12	S1	10/12/2009	07/03/2012	100%	SP-090903	secke & Devrient			
368	490034	Study on IMS based Peer-to-Peer Content Distribution Services (Stage 2)	FS_IMS_P2P_CDS	1	Rel-12	S2,S1,S3	23/09/2010	12/12/2012	100%	SP-120622	China Mobile			
372	490036	Study on Core Network Overload solutions	FS_CNO	1	Rel-12	S2	23/09/2010	11/12/2013	53%	SP-120490	Huawei			
375	500037	Study on System Enhancements for Energy Efficiency	FS_SEEE	1	Rel-12	S2	16/12/2010	20/06/2012	100%	SP-100888	Huawei			
376	510061	Study on S2a Mobility based On GTP and WLAN access to EPC	FS_SaMOG	1	Rel-12	S2	23/03/2011	11/12/2013	66%	SP-120426	ZTE			
377	560037	Study on Optimized Offloading to WLAN in 3GPP-RAT mobility	FS_WORM	1	Rel-12	S2	18/06/2012	19/06/2013	20%	SP-120261	RIM			
378	560038	Study on Application Based Charging	FS_ABC	1	Rel-12	S2	18/06/2012	06/03/2013	100%	SP-120271	Communications			
379	410043	Study on Multi Access PDN connectivity and IP flow Mobility	FS_MAPIM	1	Rel-12	S2,S1	08/08/2008	12/12/2012	100%	SP-110452	Qualcomm			
382	560039	Deleted - Study on IP Flow Mobility support for S2a and S2b Interfaces	FS_NBIFOM	1	Rel-12	S2	18/06/2012	06/03/2013	100%	SP-120742	ZTE			
383	480043	Study on Extended IMS Media Plane Security features	FS_eMEDIASEC	1	Rel-12	S3	10/06/2010	06/03/2013	100%	SP-100256	Vodafone			
384	500034	Study on Security aspects of Integration of Single Sign-On (SSO) frameworks v	FS_SSO_Int_Sec	1	Rel-12	S3	16/12/2010	11/09/2013	25%	SP-100734	Ericsson			
385	530047	Study on Firewall traversal (Stage 2)	FS_Fire	1	Rel-12	S3	17/06/2011	18/09/2013	75%	SP-120849	Acme Packet			
386	550026	Study on Security on spoofed call detection and prevention (Stage 2)	FS_SPOOF	1	Rel-12	S3	07/03/2012	14/06/2013	25%	SP-120030	China Mobile			
387	570035	Study on Security Assurance Methodology for 3GPP Network Elements	FS_SECAM	1	Rel-12	S3	13/09/2012	19/06/2013	60%	SP-120654	Orange			
388	540033	Study on Improved Support for Dynamic Adaptive Streaming over HTTP in 3GP	FS_IS_DASH	1	Rel-12	S4	14/12/2011	11/09/2013	40%	SP-110887	Qualcomm			
389	590045	Study of Enhanced Acoustic Test Specifications	FS_SEATS	1	Rel-12	S4	06/03/2013	11/12/2013	0%	SP-130028	Audience, Intel			
390	470050	Study on version handling	FS_OAM_VH	1	Rel-12	S5	25/03/2010	12/12/2012	100%	SP-100082	Ericsson			
391	510046	Study on management of Heterogeneous Networks	FS_OAM_HetNet	1	Rel-12	S5	23/03/2011	11/09/2013	60%	SP-130046	Ericsson			
392	540032	Study on OAM aspects of Network Sharing	FS_OAM_SHARE	1	Rel-12	S5	07/12/2011	11/12/2013	50%	SP-130044	Al-Lucent, Huawei			
393	580052	Study on Alarm Management	FS_OAM_AM	1	Rel-12	S5	07/12/2012	13/09/2013	30%	SP-120774	TeliaSonera			
394	580025	Study on Indication of Network to Network Interface (NNI) Routeing scenarios i	FS_NNI_RS	1	Rel-12	C3	10/12/2012	13/09/2013	5%	CP-130166	Ericsson			
395	580026	Study on Diameter Overload Control Mechanisms	FS_DOCME	1	Rel-12	C4	10/12/2012	13/09/2013	0%	CP-120917	Orange			
396	590010	Study on Review of dedicated 3GPP UICC features	FS_Red_UCe	1	Rel-12	C6	01/03/2013	11/12/2013	0%	CP-130168	RIM			
397	590011	Study on XML based access of AF to the PCRF	FS_XML_AF_PCRF	1	Rel-12	C3	01/03/2013	06/12/2013	0%	CP-130167	Alcatel-Lucent			
398	460001	Study on GERAN improvements for Machine-Type Communications	FS_NIMTC_GERAN	1	Rel-12	G1,G2	24/05/2010	23/11/2012	100%	GP-092418	Ericsson			
399	490006	Study on Solutions for GSM/EDGE BTS Energy Saving	FS_Energy_BTS	1	Rel-12	G1,G2	03/09/2010	17/05/2013	85%	GP-101638	tworcks, Vodafone			
400	520001	Study on Voice services over Adaptive Multi-user channels on One Slot (VAMO	FS_eVAMOS	1	Rel-12	GP,G2,G1	20/05/2011	17/05/2013	60%	GP-110991	a Mobile, Huawei			
401	520002	Study on GERAN enhancements for Mobile Data Applications	FS_GERAN_eMDA	1	Rel-12	G2,G1	24/05/2011	17/05/2013	50%	GP-110999	Huawei			
402	590034	Study on Downlink MIMO	FS_DOMIMO	1	Rel-12	G1,G2	01/03/2013	21/02/2014	0%	GP-130288	iemens Networks			
403	500016	Study on Inclusion of RF Pattern Matching Technologies as a positioning meth	FS_LCS_LTE_RFPM	1	Rel-12	R4	10/12/2010	14/06/2013	75%	RP-120885	Polaris Wireless			
404	530052	Study on Provision of low-cost MTC UEs based on LTE	FS_LC_MTC_LTE	1	Rel-12	R1,R2,R4	19/09/2011	14/06/2013	93%	RP-121441	Vodafone			
405	530054	Study on Mobile Relay for E-UTRA	FS_LTE_mobRelay	1	Rel-12	R3,R1	21/07/2009	14/06/2013	80%	RP-121443	CATT			

ID	Jnique_IC	Name	Acronym	utlin_lev	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
406	570022	Study on LTE FDD in the bands 1980-2010 MHz and 2170-2200 MHz	FS_LTE_1980_2170_	1	Rel-12	R4	11/09/2012	06/12/2013	20%	RP-130200	KT			
407	570023	Study on Scenarios and Requirements of LTE Small Cell Enhancements for E-L	FS_LTE_SC_enh_rec	1	Rel-12	RP	11/09/2012	07/12/2012	100%	RP-121418	China Mobile			
408	580038	Study on LTE Device to Device Proximity Services - Radio Aspects	FS_LTE_D2D_Prox	1	Rel-12	1,R2,R3,R4	10/12/2012	07/03/2014	3%	RP-122009	Qualcomm			
409	580041	Study on Small Cell Enhancements for E-UTRA and E-UTRAN – Physical-layer a	FS_LTE_SC_enh_L1	1	Rel-12	R1,R2,R4	10/12/2012	13/09/2013	10%	RP-122032	Huawei			
410	580042	Study on 3D-channel model for Elevation Beamforming and FD-MIMO studies f	FS_LTE_3D_channel	1	Rel-12	R1	10/12/2012	13/09/2013	5%	RP-122034	iemens Networks			
411	580044	Study on Small Cell Enhancements for E-UTRA and E-UTRAN – Higher-layer as	FS_LTE_SC_enh_hik	1	Rel-12	R2,R3	10/12/2012	13/09/2013	10%	RP-122033	NTT DOCOMO			
412	580046	Study on Energy Saving Enhancement for E-UTRAN	FS_Netw_Energy_en	1	Rel-12	R3	10/12/2012	06/12/2013	5%	RP-122035	China Mobile			
413	590016	Study on Expansion of LTE_FDD_1670_US to include 1670-1680MHz Band for L	FS_LTE_FDD_1670_	1	Rel-12	R4	01/03/2013	13/09/2013	0%	RP-130202	LightSquared			
414	590017	Study on Cell-specific Reference Signals (CRS) Interference Cancellation for hc	FS_LTE_CRsIC	1	Rel-12	R4	01/03/2013	13/09/2013	0%	RP-130393	Ericsson			
415	590018	Study on Network-Assisted Interference Cancellation and Suppression for LTE	FS_LTE_NAICS	1	Rel-12	R1,R4	01/03/2013	06/12/2013	0%	RP-130404	MediaTek			
416	530056	Study on RF and EMC requirements for active Antenna Array System (AAS) Bas	FS_AAS_BS_LTE_U'	1	Rel-12	R4,R1	19/09/2011	01/03/2013	100%	RP-111349	Huawei			
417	550020	Study on LTE-HRPD (High Rate Packet Data in 3GPP2) inter-RAT SON	FS_LTE_HRPD_SON	1	Rel-12	R3	02/03/2012	14/06/2013	90%	RP-121982	China Telecom			
418	550021	Study on Passive InterModulation (PIM) handling for UTRA and LTE Base Static	FS_BS_PIM	1	Rel-12	R4,G1	05/03/2012	14/06/2013	90%	RP-120268	Ericsson			
419	580045	Study on WLAN/3GPP Radio Interworking	FS_UTRA_LTE_WLA	1	Rel-12	R2	10/12/2012	13/09/2013	10%	RP-122038	Intel			
420	580047	Study on RAN Enhancements for UMTS/HSPA and LTE Interworking	FS_HSPA_LTE_inter	1	Rel-12	R3	10/12/2012	06/12/2013	10%	RP-122036	China Unicom			
421	580048	Study on Next-Generation SON for UTRA and LTE	FS_NG_SON	1	Rel-12	R3	10/12/2012	06/12/2013	5%	RP-122037	iemens Networks			
422	580049	Study on 2GHz FDD for UTRA and LTE in Region 1 (1980-2010MHz and 2170-22	FS_UTRA_LTE_198C	1	Rel-12	R4	10/12/2012	13/09/2013	0%	RP-122031	Solaris Mobile			
423	580050	Study on Base Station specification structure	FS_BSspec_struc	1	Rel-12	R4	10/12/2012	14/06/2013	15%	RP-122039	Ericsson			
424	590032	Study on RAN aspects of Machine Type and other mobile data applications Cor	FS_MTCe_RAN	1	Rel-12	R2	01/03/2013	13/09/2013	0%	RP-130396	ZTE			
425	570024	Study on UMTS Heterogeneous Networks	FS_UTRA_hetnet	1	Rel-12	R1,R2,R3	11/09/2012	14/06/2013	35%	RP-121436	Huawei			
426	580039	Study on scalable UMTS FDD bandwidth	FS_UTRA_SCAL	1	Rel-12	R1,R4	10/12/2012	13/09/2013	10%	RP-130221	China Unicom			
427	580040	Study on Dedicated Channel (DCH) enhancements for UMTS	FS_UTRA_DCHenh	1	Rel-12	R1	10/12/2012	13/09/2013	25%	RP-130216	Qualcomm			
428	580043	Study on Further Enhanced Uplink (EUL) enhancements	FS_EDCH_enh	1	Rel-12	R2,R1,R3	10/12/2012	06/12/2013	2%	RP-130347	Ericsson			
429	0	Release 11 Features	-	1	Rel-11	CP,GP,RP	29/03/2010	07/12/2012	85%	-	-			
430	470051	Advanced IP Interconnection of Services	IPXS	1	Rel-11	S1,S2,C1,C3	25/03/2010	12/09/2012	100%	SP-100876	Telefónica			
436	480030	System Improvements to Machine-Type Communications	SIMTC	1	Rel-11	C4,C6,R2,R3	10/12/2009	12/12/2012	100%	SP-120848	KPN			
484	480031	Unstructured Supplementary Service Data (USSD) simulation service in IMS	USSI	1	Rel-11	S1,C1,C3	10/06/2010	07/12/2012	100%	SP-100408	utsche Telekom			
489	490031	QoS Control Based on Subscriber Spending Limits	QoS_SSL	1	Rel-11	S1,S2,S5,C3	23/09/2010	20/06/2012	100%	SP-110519	Vodafone			
494	490032	Optimized Service Charging and Allocation of Resources in IMS whilst Roamin	OSCAR	1	Rel-11	S1,S2	23/09/2010	07/03/2012	100%	SP-110347	Vodafone			
498	530021	Inclusion of Media Resource Broker (Stage 2/3)	MRB	1	Rel-11	C1,C3,IETF	16/09/2011	14/06/2013	89%	CP-120277	AT&T			
504	500030	Non Voice Emergency Services	NOVES	1	Rel-11	S1,S2	16/12/2010	07/03/2012	100%	SP-100884	Qualcomm			
507	510047	Support for 3GPP Voice Interworking with Enterprise IP-PBX	VINE	1	Rel-11	S1,C1	23/03/2011	01/03/2013	100%	SP-110176	Tatara Systems			
511	520028	Anonymous Call Rejection in the CS domain	ACR_CS	1	Rel-11	S1,C4,C3	07/06/2011	02/12/2011	100%	SP-110421	Alcatel-Lucent			
516	460026	Support for BroadBand Forum Accesses Interworking	BBAI	1	Rel-11	C3,C4,IETF	10/12/2009	12/12/2012	100%	SP-120539	Ericsson			
542	480035	Single Radio Voice Call Continuity (SRVCC) aspect of enhancements for Multin	eMPS_SRVCC	1	Rel-11	S2	10/06/2010	14/12/2011	100%	SP-110346	NTT DoCoMo			
545	500026	Single Radio Video Call Continuity for 3G-CS	vSRVCC	1	Rel-11	2,C1,C3,C4	15/10/2010	15/06/2012	100%	SP-100704	Samsung			
551	480038	Network Provided Location Information for IMS (NETLOC)	NWK-PL2IMS	1	Rel-11	5,C3,C4,C1	10/06/2010	01/03/2013	100%	SP-110631	T-Mobile			
560	500032	Service Awareness and Privacy Policies	SAPP	1	Rel-11	S2,S1,C3	12/10/2010	02/12/2011	100%	SP-100882	ommunications			
564	500033	VPLMN Autonomous CSG Roaming	VCSG	1	Rel-11	S2,C4	15/10/2010	14/12/2011	100%	SP-100706	Qualcomm			
567	510048	Data Identification in Access Network Discovery and Selection Function (ANDS	DIDA	1	Rel-11	S2,C1	23/03/2011	07/12/2012	100%	SP-110084	Qualcomm			
571	510050	LOcation-Based Selection of gaTEways foR WLAN	LOBSTER	1	Rel-11	S2,C4	23/03/2011	15/06/2012	100%	SP-110752	ZTE			
576	530001	Single Radio Voice Call Continuity from UTRAN/GERAN to E-UTRAN/HSPA	rSRVCC	1	Rel-11	4,G2,R2,R3	12/09/2011	17/05/2013	98%	SP-110475	Orange			
585	530046	S2a Mobility based On GTP and WLAN access to EPC	SaMOG_WLAN	1	Rel-11	C1,C3,IETF	22/09/2011	14/06/2013	93%	SP-110642	ZTE			

ID	Jnique_IC	Name	Acronym	utlin leve	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
592	540029	Roaming Architecture for Voice over IMS with Local Breakout	RAVEL	1	Rel-11	2,S5,C1,C3	28/11/2011	07/12/2012	100%	SP-110885	utsche Telekom			
598	560027	IMS Overload Control	IOC	1	Rel-11	S2,C1,C3	18/06/2012	14/06/2013	81%	SP-120273	je, China Mobile			
606	520030	Rel-11 Security small Enhancements	SEC11	1	Rel-11	S3	08/06/2011	12/09/2012	100%	not applicable	-			
607	520032	Lawful Interception in the 3GPP Rel-11	LI11	1	Rel-11	S3	10/06/2011	20/06/2012	100%	SP-110424	S, Alcatel-Lucent			
608	440055	ZUC EEA3 and EIA3 (new Encryption & Integrity EPS security Algorithms)	EEA3_EIA3	1	Rel-11	S3,R5	04/06/2009	07/09/2012	100%	SP-090457	CATR			
611	480039	Specification of Protection against Unsolicited Communication for IMS (product)	SPUCI	1	Rel-11	S3	10/06/2010	07/03/2012	100%	SP-100428	NEC			
612	510053	H(e)NB security features for UE mobility scenarios (Stage 2)	HNB_mob_Sec	1	Rel-11	S3	23/03/2011	07/03/2012	100%	SP-110025	Huawei			
613	540012	Generic Bootstrapping Architecture (GBA) extensions for re-use of SIP Digest (GBA-ext	1	Rel-11	S3,C4,C1	02/12/2011	07/09/2012	100%	SP-110884	Nokia			
618	520033	Extensions of Acoustic Test Specifications in TS 26.131 and TS 26.132	Ext_LTS	1	Rel-11	S4	08/06/2011	12/09/2012	100%	SP-110309	ange, Qualcomm			
619	530048	Enhancements to Multimedia: PSS, MMS, and MBMS Enhancements and Perform	EMM	1	Rel-11	S4	07/09/2011	06/03/2013	100%	SP-120025	Qualcomm			
623	560041	Mobile 3D Video Coding	M3DV	1	Rel-11	S4	07/06/2012	12/09/2012	100%	SP-120229	Orange			
624	510051	Rel-11 Operations, Administration, Maintenance and Provisioning (OAM&P)	OAM11	1	Rel-11	S5	23/03/2011	06/03/2013	100%	not applicable	-			
636	510052	Rel-11 Charging Management small Enhancements	CH11	1	Rel-11	S5	25/03/2010	12/12/2012	100%	not applicable	-			
640	510029	Transit Inter Operator Identifier for IMS Interconnection Charging in multi oper	IOI_IMS_CH	1	Rel-11	S5,S1,C1	27/10/2010	15/06/2012	100%	SP-110132	utsche Telekom			
644	480011	User Data Convergence - Data Model	UDC_DM	1	Rel-11	C4,S1	25/03/2010	07/09/2012	100%	CP-110384	Telecom Italia			
648	510004	Definition of the UICC Application for Hosting Party Module	HPM_UICC	1	Rel-11	C6	18/03/2011	15/06/2012	100%	CP-110289	Gemalto			
649	520007	Usability improvement of Inter-IMS Network to Network Interface (II-NNI) specifi	NNI_OI	1	Rel-11	C3	07/06/2011	15/06/2012	100%	CP-110533	NTT			
650	520008	enhanced Nodes Restoration for EPC (Stage 2/3)	eNR_EPC	1	Rel-11	C1,C3,IETF	03/06/2011	14/06/2013	95%	CP-120449	ZTE			
655	520009	Reference Location Information (Stage 3)	RLI	1	Rel-11	C4,C1	03/06/2011	16/09/2011	100%	CP-110386	Huawei			
658	520010	IMS Stage 3 IETF Protocol Alignment - phase 5	IMSProtoc5	1	Rel-11	C1,C3,IETF	07/06/2011	14/06/2013	95%	CP-110437	Alcatel-Lucent			
663	530003	Service Identification for RRC Improvements in GERAN (Stage 2/3)	SIRIG	1	Rel-11	2,C4,C3,G2	19/09/2011	07/09/2012	100%	CP-120033	China Mobile			
669	530019	SAE Protocol Development - Phase 2	SAES2	1	Rel-11	C1	16/09/2011	07/09/2012	100%	CP-110639	imens Networks			
672	530020	GCSMSC and GCR Redundancy for VGCS/VBS (Stage 2/3)	RT_VGCS_Red	1	Rel-11	C1	19/09/2011	07/09/2012	100%	CP-120279	imens Networks			
675	540015	Support of RFC 6140 in IMS	GINI	1	Rel-11	C1	02/12/2011	07/09/2012	100%	CP-110760	eutsche Telekom			
676	540017	Enhancements for Multimedia Priority Service (MPS) – Gateway Control Priority	eMPS_Gateway	1	Rel-11	C4,C3	02/12/2011	07/09/2012	100%	CP-110806	Telcordia			
679	550007	Inter-IMS Network to Network Interface (II-NNI) enhancements: SIP timers appli	NNI_timers	1	Rel-11	C3	02/03/2012	07/09/2012	100%	CP-120082	Telecom Italia			
680	560005	AT commands for Universal Resource Identifier (URI) support	ATURI	1	Rel-11	C1	15/06/2012	01/03/2013	100%	CP-120275	Intel			
681	560006	PS Additional Number (Stage 3)	PSAN	1	Rel-11	C4	15/06/2012	07/09/2012	100%	CP-120253	eutsche Telekom			
682	560007	Generic IMS User Group Over Sh	GenUG_Sh	1	Rel-11	C4	15/06/2012	07/09/2012	100%	CP-120254	Alcatel-Lucent			
683	570010	IMS Operator Determined Call Barring	IODB	1	Rel-11	C1,C4	07/09/2012	14/06/2013	93%	CP-120685	Orange			
686	570011	Enhanced T.38 FAX support (Stage 3)	MMTel_T.38_FAX	1	Rel-11	C3,C1,C4	06/09/2012	07/12/2012	100%	CP-120673	NEC			
690	540016	Deleted - Enhancement of the Protocols for SMS over SGs (Stage 3)	PROTOD_SMS_SGs	1	Rel-11	C4,C1	02/12/2011	15/06/2012	100%	CP-120034	Alcatel-Lucent			
694	510001	Full Support of Multi-Operator Core Network by GERAN	Full_MOCN-GERAN	1	Rel-11	G2,S2,C1	04/03/2011	07/06/2013	99%	GP-121090	Alcatel-Lucent			
701	540003	Medium range/local area requirements for multicarrier BTS	MRLA	1	Rel-11	G1	25/11/2011	23/11/2012	100%	GP-111780	Ericsson			
704	550023	Domain Specific Access Control in GERAN	GDSAC	1	Rel-11	G2	05/03/2012	31/08/2012	100%	GP-120452	Vodafone			
705	500020	Extending 850 MHz Upper Band (814 – 849 MHz)	e850_UB	1	Rel-11	4,R2,R3,R5	10/12/2010	01/03/2013	100%	RP-111396	Sprint			
709	530030	Further Self Optimizing Networks (SON) enhancements	SONenh2_LTE_UTR	1	Rel-11	R3,R2	19/09/2011	07/12/2012	100%	RP-120314	imens Networks			
711	530033	Enhancement of Minimization of Drive Tests for E-UTRAN and UTRAN	eMDT_UMTSLTE	1	Rel-11	1,R3,R4,R5	19/09/2011	06/12/2013	62%	RP-121204	MediaTek			
714	530036	Network Energy Saving for E-UTRAN	Netw_Energy_LTE	1	Rel-11	R3,GP	19/09/2011	07/09/2012	100%	RP-120620	China Mobile			
717	530037	E-UTRA medium range and MSR medium range/local area BS class requiremen	medBS_class_LTE_	1	Rel-11	R4,G1	19/09/2011	07/12/2012	100%	RP-111383	Ericsson			
721	550015	RF Requirements for Multi-Band and Multi-Standard Radio (MB-MSR) Base Sta	MB_MSR_RF	1	Rel-11	R4,G1	06/02/2012	14/06/2013	53%	RP-120857	Huawei			
724	560013	Further enhancements to H(e)NB mobility - Part 1	EHNb_enh1	1	Rel-11	R3,R2	15/06/2012	07/12/2012	100%	RP-121427	Alcatel-Lucent			
726	560014	Further enhancements to H(e)NB mobility - Part 2	EHNb_enh2	1	Rel-11	R3,R2	19/06/2012	07/12/2012	100%	RP-121712	Alcatel-Lucent			

ID	Jnique_IC	Name	Acronym	utlin_lev	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
728	430011	Network-Based Positioning Support in LTE	LCS_LTE-NBPS	1	Rel-11	2,R1,R3,R4	09/03/2009	13/09/2013	40%	RP-120859	TruePosition			
731	480026	Service continuity improvements for MBMS for LTE	MBMS_LTE_SC	1	Rel-11	R2,R3,R5	04/06/2010	13/09/2013	81%	RP-120258	Huawei			
734	510021	Further Enhanced Non CA-based ICIC for LTE	eICIC_enh_LTE	1	Rel-11	1,R2,R3,R4	22/03/2011	13/09/2013	82%	RP-121999	China Mobile			
737	510028	New Band LTE Downlink FDD 716-728 MHz (Band 29, Carrier Aggregation of Ba	LTE_DL_FDD700	1	Rel-11	R4	22/03/2011	07/12/2012	100%	RP-110435	AT&T			
740	510031	LTE RAN Enhancements for Diverse Data Applications	LTE_eDDA	1	Rel-11	R2,R5	18/03/2011	13/09/2013	76%	RP-120256	search In Motion			
743	510032	LTE E850 - Lower Band for Region 2 (non-US), Band 27	LTE_e850_LB	1	Rel-11	1,R2,R4,R5	22/03/2011	01/03/2013	100%	RP-120602	NII Holdings			
747	520017	LTE for 700 MHz Digital Dividend	LTE_APAC700	1	Rel-11	4,R2,R3,R5	07/06/2011	14/06/2013	93%	RP-110875	Ericsson			
751	520019	Relays for LTE (part 2)	LTE_Relay2	1	Rel-11	R4	04/12/2009	14/06/2013	96%	RP-110914	Ericsson			
754	530031	Signalling and Procedure for Interference Avoidance for in-device coexistence	SPIA_IDC_LTE	1	Rel-11	R2,R4	19/09/2011	07/12/2012	100%	RP-111355	China Mobile			
757	530032	Coordinated Multi-Point Operation for LTE	COMP_LTE	1	Rel-11	2,R3,R4,R5	19/09/2011	06/12/2013	67%	RP-111365	awei, Samsung			
763	540025	Enhanced downlink control channel(s) for LTE Advanced	LTE_enh_dl_ctrl	1	Rel-11	1,R2,R4,R5	09/12/2011	14/03/2014	31%	RP-120871	Alcatel-Lucent			
767	550012	Public Safety Broadband High Power UE for Band 14 for Region 2	LTE_B14_PSBB_HP	1	Rel-11	R4	05/03/2012	06/12/2013	50%	RP-120362	torola Solutions			
770	550013	Improved Minimum Performance Requirements for E-UTRA: Interference Rejec	LTE_Interf_Rej	1	Rel-11	R4	05/03/2012	07/12/2012	100%	RP-120382	Renasas Mobile			
772	550014	Additional special subframe configuration for LTE TDD	LTE_TDD_add_subf	1	Rel-11	4,R2,R3,R5	05/03/2012	13/09/2013	49%	RP-120384	China Mobile			
775	580058	Rel-11 LTE Carrier Aggregation	LTE_CA_Rel-11	1	Rel-11	RP	10/12/2010	13/09/2013	97%	not applicable	-			
845	450016	UE Over The Air (Antenna) conformance testing methodology - Laptop mounte	UEAnt_FSTest	1	Rel-11	R4,R5	18/09/2009	06/12/2013	97%	RP-111381	CATR			
848	500019	Eight carrier HSDPA	8C_HSDPA	1	Rel-11	1,R2,R3,R4	10/12/2010	07/12/2012	100%	RP-101419	Ericsson			
851	500021	UE demodulation performance requirements under multiple-cell scenario for 1.	LCR_TDD_UE_dem	1	Rel-11	R4,R5	10/12/2010	02/03/2012	100%	RP-111244	China Mobile			
854	500022	Uplink Transmit Diversity for HSPA	HSPA_UL_TxDiv	1	Rel-11	4,R2,R3,R5	10/12/2010	13/06/2014	84%	RP-120367	Huawei			
860	510018	Introduction of New Configuration for 4C-HSDPA	4C_HSDPA_Config	1	Rel-11	R4,R2	22/03/2011	15/06/2012	100%	RP-110308	ommunications			
863	510019	Non-contiguous 4C-HSDPA operation	NC_4C_HSDPA	1	Rel-11	R4,R2,R3	22/03/2011	01/03/2013	100%	RP-110416	Ericsson			
866	510020	Further Enhancements to CELL_FACH	Cell_FACH_enh	1	Rel-11	1,R2,R3,R4	18/03/2011	14/06/2013	80%	RP-111321	Qualcomm			
869	530034	HSDPA Multiflow Data Transmission	HSDPA_MFTX	1	Rel-11	2,R1,R3,R4	19/09/2011	14/06/2013	82%	RP-111375	emens Networks			
872	530035	Four Branch MIMO transmission for HSDPA	4Tx_HSDPA	1	Rel-11	1,R2,R3,R4	19/09/2011	14/06/2013	59%	RP-111393	Ericsson			
875	540009	MIMO with 64QAM for HSUPA	MIMO_64QAM_HSU	1	Rel-11	1,R2,R3,R4	09/12/2011	14/06/2013	70%	RP-121794	emens Networks			
878	540024	HSDPA Dual-Band Multi-Carrier combinations	HSDPA_DB_MC	1	Rel-11	R4,R2	09/12/2011	07/09/2012	100%	RP-111746	Ericsson			
881	480004	(Small) Technical Enhancements and Improvements for Rel-11	TEH11	1	Rel-11	All	10/06/2010	12/09/2012	100%	not applicable	-			
882	560001	Test - (Small) Technical Enhancements and Improvements for Rel-11	TEH11_Test	1	Rel-11	R5,G3new	15/06/2012	11/12/2013	100%	not applicable	-			
883	571004	(IETF) (Small) Technical Enhancements and Improvements for Rel-11 (draft-kris	TEH11	1	Rel-11	C4-IETF	07/09/2012	14/06/2013	75%	not applicable	Lionel Morand			
884	0	Release 11 Studies	-	1	Rel-11	CP,GP,RP	10/12/2009	14/09/2012	100%	-	-			
885	450047	Study on IMS based Peer-to-Peer Content Distribution Services	FS_IMS_P2P	1	Rel-11	S1,S2	12/05/2009	10/06/2010	100%	SP-090491	China Mobile			
886	460024	Study on Non Voice Emergency Services	FS_NOVES	1	Rel-11	S1	10/12/2009	21/09/2011	100%	SP-090897	Qualcomm			
887	480033	Study on Support for 3GPP Voice Interworking with Enterprise IP-PBX	FS_VINE	1	Rel-11	S1,S2	23/09/2010	23/03/2011	100%	SP-100411	Tatara Systems			
888	490033	Study on IMS Network-Independent Public User Identities	FS_INIPUI	1	Rel-11	S1	23/09/2010	08/06/2011	100%	SP-100652	Vodafone			
889	410041	Study on IMS Evolution	FS_eIMS	1	Rel-11	S2	18/09/2008	14/12/2011	100%	SP-100360	China Mobile			
890	440047	Study on Policy solutions and enhancements	FS_PP	1	Rel-11	S2,S1	04/06/2009	08/06/2011	100%	SP-090895	AT&T			
891	440048	Study on IPv6 Migration	FS_IP6M	1	Rel-11	S2	04/06/2009	08/06/2011	100%	SP-090362	China Mobile			
892	460030	Study on Single Radio Voice Call Continuity from UTRAN/GERAN to E-UTRAN/I	FS_rSRVCC	1	Rel-11	S2	10/12/2009	14/12/2011	100%	SP-090806	Orange			
893	510044	Study on Roaming Architecture for Voice over IMS with Local Breakout	FS_RAVEL	1	Rel-11	S2	23/03/2011	14/12/2011	100%	SP-110087	eutsche Telekom			
894	380084	Study on UTRAN key management enhancements	FS_UKM	1	Rel-11	S3	20/12/2007	07/03/2012	100%	SP-090283	Ericsson			
895	480048	Study on Single Sign On (SSO) Application Security for IMS - based on SIP Digi	FS_SSO_APS	1	Rel-11	S3	10/06/2010	20/06/2012	100%	SP-100639	Nokia			
896	520036	Study on Mobile 3D Video Coding	FS_M3DVC	1	Rel-11	S4	08/06/2011	20/06/2012	100%	SP-110310	Orange			
897	480047	Study on Management of Converged Networks	FS_ManCon	1	Rel-11	S5	10/06/2010	12/09/2012	100%	SP-100377	emens Networks			

ID	Jnique_IC	Name	Acronym	utlin eve	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
898	490039	Study on User Data Convergence (UDC) information model handling and provis	FS_UDC_AppUseCa	1	Rel-11	S5	23/09/2010	14/12/2011	100%	SP-110127	Alcatel-Lucent			
899	510045	Study on OAM aspects of inter-RAT Energy Saving	FS_OAM_ES_iRAT	1	Rel-11	S5	23/03/2011	14/12/2011	100%	SP-110138	iemens Networks			
900	480015	Study on impacts on UE-Core Network signalling from Energy Saving	FS_UE-CN_ES	1	Rel-11	C1	04/06/2010	03/06/2011	100%	CP-100330	NEC			
901	490014	Study on EPC Nodes Restoration	FS_EPC_NR	1	Rel-11	C4	17/09/2010	07/12/2012	100%	CP-100700	ZTE			
902	480003	Study on Signal Precoding enhancements for EGPRS2 DL	FS_SPEED	1	Rel-11	G1,G2	03/09/2010	02/03/2012	100%	GP-111281	Ericsson			
903	470014	Study on Coordinated Multi-Point operation for LTE	FS_CoMP_LTE	1	Rel-11	R1,R2,R3	10/12/2010	16/09/2011	100%	RP-101425	Samsung			
904	480028	Study on Signalling and procedure for interference avoidance for in-device coe	FS_SPIA_IDC	1	Rel-11	R2,R4	04/06/2010	16/09/2011	100%	RP-100671	China Mobile			
905	510034	Study on HetNet mobility enhancements for LTE	FS_HetNet_eMOB_L	1	Rel-11	2,R1,R3,R4	18/03/2011	07/09/2012	100%	RP-110709	Alcatel-Lucent			
906	510037	Study on further Downlink MIMO enhancements for LTE-Advanced	FS_LTE_eDL_MIMO	1	Rel-11	R1	18/03/2011	09/12/2011	100%	RP-111366	Alcatel-Lucent			
907	510039	Study on Further Enhancements to LTE TDD for DL-UL Interference Managemen	FS_LTE_TDD_eIMTA	1	Rel-11	R1,R4	22/03/2011	15/06/2012	100%	RP-110450	CATT			
908	530053	Study on LTE Coverage Enhancements	FS_Cov_Enh_LTE	1	Rel-11	R1,R2	19/09/2011	15/06/2012	100%	RP-120225	China Telecom			
909	530055	Study on Enhanced performance requirement for LTE UE	FS_enh_perf_UE_LT	1	Rel-11	R4,R1	19/09/2011	02/03/2012	100%	RP-111378	NTT DoCoMo			
910	550022	Study on Measurements of radio performances for LTE terminals - Total Radiat	FS_LTE_OTA	1	Rel-11	R4	05/03/2012	07/09/2012	100%	RP-120412	CATR			
911	430020	Study on Measurement of Radiated Performance for MIMO and multi-antenna r	FS_HSPA_LTE_mea	1	Rel-11	R4	06/03/2009	02/03/2012	100%	RP-111754	Vodafone			
912	440016	Study on Extending 850 MHz	FS_e850	1	Rel-11	R4	30/05/2009	07/09/2012	100%	RP-090666	Ericsson			
913	450015	Study on UE improvements for Machine-Type Communications	FS_NIMTC_RAN	1	Rel-11	2,R1,R3,R4	18/09/2009	16/09/2011	100%	RP-100330	Huawei			
914	500002	Study on UE Application Layer Data Throughput Performance	FS_UE_App_Data_P	1	Rel-11	R5,R4	10/12/2010	09/12/2011	100%	RP-101422	Spirent			
915	510036	Study on further enhancements for HNB and HeNB	FS_EHNB_enh	1	Rel-11	R3,R2	18/03/2011	15/06/2012	100%	RP-120373	Alcatel-Lucent			
916	510038	Study on Interference analysis between 800~900 MHz bands	FS_B800_B900_Inter	1	Rel-11	R4	23/03/2011	15/06/2012	100%	RP-111752	LG Uplus			
917	520018	Study on UMTS/LTE in 900 MHz band (Japan, Korea)	FS_UTRA_LTE_900M	1	Rel-11	R4	07/06/2011	15/06/2012	100%	RP-120617	NTT DoCoMo			
918	500014	Study on Uplink MIMO	FS_UTRA_UL_MIMC	1	Rel-11	R1	10/12/2010	16/09/2011	100%	RP-101432	Qualcomm			
919	500015	Study on HSDPA Multipoint Transmission	FS_HSDPA_MP_TX	1	Rel-11	R1,R2,R3	10/12/2010	16/09/2011	100%	RP-101439	iemens Networks			
920	530057	Study on UE Over The Air (OTA) test method with Head and Hand Phantoms	FS_OTA_phantoms_I	1	Rel-11	R4,R5	19/09/2011	07/09/2012	100%	RP-120208	Nokia			
921	540026	Study on HSPA feedback and signalling efficiency enhancements for LCR TDD	FS_LCR_TDD_HSPAe	1	Rel-11	R1	07/12/2011	07/09/2012	100%	RP-111766	TD Tech			
922	510035	Deleted - Study on Enhanced Uplink Transmission for LTE	FS_eUL_TX_LTE	1	Rel-11	R1	22/03/2011	15/06/2012	100%	RP-120259	Huawei			
923	0	Release 10 Features	-	1	Rel-10	2,GP,RP,SP	11/12/2008	21/09/2011	100%	-	-			
924	390073	Enhancements for Multimedia Priority Service	eMPS	1	Rel-10	2,C4,C3,C1	13/03/2006	18/03/2011	100%	SP-080051	Telcordia			
935	410030	Network Improvements for Machine-Type Communications	NIMTC	1	Rel-10	1,R5,G3new	18/09/2008	14/06/2013	92%	SP-100863	KPN			
950	430035	Multi Access PDN Connectivity	MAPCON	1	Rel-10	2,C4,C1,C3	13/03/2009	18/03/2011	100%	SP-090659	Telecom Italia			
956	440052	IMS Service Continuity – Inter Device Transfer enhancements	IMS_SC_eIDT	1	Rel-10	S2,C1,IETF	04/06/2009	07/12/2012	100%	SP-090452	Huawei			
961	450030	IP-Short-Message-Gateway enhancements for CPM-SMS Interworking	CPM-SMS	1	Rel-10	S1,S2,C3	24/09/2009	17/09/2010	100%	SP-090615	China Mobile			
965	450033	Completion of Communications on Not Logged-in	CCNL	1	Rel-10	S1,C1,C3	24/09/2009	18/03/2011	100%	SP-090493	utsche Telekom			
969	450035	Local IP Access and Selected Internet IP Traffic Offload	LIPA_SIPTO	1	Rel-10	3,S5,C4,C1	24/09/2009	23/03/2011	100%	SP-110131	ei, China Mobile			
983	450041	IP Flow Mobility and seamless WLAN offload	IFOM	1	Rel-10	1,S5,C1,C3	24/09/2009	23/03/2011	100%	SP-100089	Qualcomm			
990	450044	Enabling Coder Selection and Rate Adaptation for UTRAN and E-UTRAN for Lo	ECSRA_LAA	1	Rel-10	C3,C1,IETF	15/07/2009	07/09/2012	100%	SP-100467	Qualcomm			
1000	450053	Extended H(e)NB features	EHNBF	1	Rel-10	S1,S2,S3	11/12/2008	23/09/2010	100%	SP-100407	NEC			
1004	460028	Optimal Media Routing	OMR	1	Rel-10	2,S5,C3,C1	25/03/2010	08/06/2011	100%	SP-090803	Alcatel-Lucent			
1011	470026	IMS Emergency Session Enhancements	IESE	1	Rel-10	S1,S2,C1	25/03/2010	03/06/2011	100%	SP-100170	iekom, T-Mobile			
1015	480037	S2b Mobility based on GTP	SMOG	1	Rel-10	2,C4,C3,C1	10/06/2010	18/03/2011	100%	SP-100357	Alcatel-Lucent			
1021	500006	Policy Enhancements for Sponsored Connectivity and Coherent Access to Poli	PEST	1	Rel-10	S2,C3	12/10/2010	18/03/2011	100%	SP-110196	Qualcomm			
1024	470029	Lawful Interception in the 3GPP Rel-10	LI10	1	Rel-10	S3	25/03/2010	08/06/2011	100%	SP-100108	PIDS, BT			
1033	470033	Optimization of IMS based PSS and MBMS User Service	OPT_IMS_PSS_MBM	1	Rel-10	S4	25/03/2010	23/03/2011	100%	SP-100031	Ericsson			
1034	470034	HTTP-based Streaming and Download Services	HTTP_SDS	1	Rel-10	S4,IETF	25/03/2010	21/09/2011	100%	SP-100032	Qualcomm			

ID	Jnique_IC	Name	Acronym	utlin leve	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
1037	480040	PSS and MBMS enhancements	MBS_Enh	1	Rel-10	S4	10/06/2010	23/03/2011	100%	SP-100305	Ericsson			
1038	480041	Enhancements and Addition of Audio Tests to 26.131 and 26.132	EAAT	1	Rel-10	S4	10/06/2010	08/06/2011	100%	SP-100306	Vodafone			
1039	510055	Video Coding Enhancements in MTSI	VCEM	1	Rel-10	S4	21/03/2011	23/03/2011	100%	SP-110050	Ericsson			
1040	460031	Rel-10 Operations, Administration, Maintenance and Provisioning (OAM&P)	OAM10	1	Rel-10	S5,C4	10/12/2009	21/09/2011	100%	TR 30.820	-			
1060	470044	Rel-10 Charging Management small Enhancements	CH10	1	Rel-10	S5	04/06/2009	23/03/2011	100%	TR 30.820	-			
1062	470046	Advice of Charge (AoC) service support enhancements	eAoC	1	Rel-10	S5,C1	25/03/2010	03/06/2011	100%	SP-100080	utsche Telekom			
1065	470003	IMS Stage 3 IETF Protocol Alignment - phase 4	IMSProtoc4	1	Rel-10	C1	19/03/2010	18/03/2011	100%	CP-100099	Alcatel-Lucent			
1066	480012	Enhanced User Data Convergence (UDC) Model	eUDC	1	Rel-10	C4	04/06/2010	18/03/2011	100%	CP-100295	China Mobile			
1067	480014	Further improvements of II-NNI Stage 3 based on operational feedback and evolution	II-NNI2	1	Rel-10	C3	04/06/2010	01/03/2013	100%	CP-100326	Orange			
1071	480013	AT Commands for IMS-configuration	AT_IMS	1	Rel-10	C1	04/06/2010	18/03/2011	100%	CP-100376	Ericsson			
1072	490011	AT Commands for USIM Application Toolkit (USAT)	AT_UICC	1	Rel-10	C1	17/09/2010	18/03/2011	100%	CP-100646	ST-Ericsson			
1073	490012	Communication Control for IMS by USIM (Stage 3)	CC_IMS_USIM	1	Rel-10	C6	17/09/2010	18/03/2011	100%	CP-100647	Gemalto			
1074	500003	Dynamic view of SIP message for Inter-IMS Network to Network Interface (II-NNI)	NNI_DV	1	Rel-10	C3	10/12/2010	03/06/2011	100%	CP-100795	NTT			
1075	500007	Introduction of Smart Card Web Server launch functionality	SCWS_L	1	Rel-10	C6	10/12/2010	18/03/2011	100%	CP-100883	Telecom Italia			
1076	500008	USAT using AT Commands	USAT_AT	1	Rel-10	C6	10/12/2010	18/03/2011	100%	CP-100884	secke & Devrient			
1077	500010	Single Radio Voice Call Continuity (SRVCC) enhancements (Stage 3)	eSRVCC	1	Rel-10	C1,C4,IETF	10/12/2010	07/12/2012	100%	CP-100881	China Mobile			
1081	500011	Single Radio Voice Call Continuity (SRVCC) in alerting phase (Stage 3)	aSRVCC	1	Rel-10	C1,R5	10/12/2010	01/03/2013	100%	CP-110145	ZTE			
1084	500012	PCRF failure and restoration	PCRF_FR	1	Rel-10	C4,C3	10/12/2010	18/03/2011	100%	CP-100703	NEC			
1087	510002	Formalization of WLAN Files	FoWF	1	Rel-10	C1	23/02/2011	18/03/2011	100%	CP-110288	eutsche Telekom			
1088	510007	CS and IMS Interworking for CAT service - Early Session model	CIIC_ES	1	Rel-10	C3	16/03/2011	03/06/2011	100%	CP-110283	ZTE			
1089	510008	EPC Node Restoration without Idle mode Signalling Reduction (ISR) activated	EPC_NR	1	Rel-10	C4	16/03/2011	18/03/2011	100%	CP-110092	Alcatel-Lucent			
1090	510108	EPC Node Restoration with Idle mode Signalling Reduction (ISR) activated	EPC_NR_ISR	1	Rel-10	C4	16/03/2011	03/06/2011	100%	CP-110287	NEC			
1091	510009	Mobile Terminating Roaming Forwarding with pre-paging	MTRF	1	Rel-10	C4	16/03/2011	03/06/2011	100%	CP-110093	Ericsson			
1092	510010	UICC access to IMS Specification	IMS-UICC-S	1	Rel-10	C6,C1	16/03/2011	03/06/2011	100%	CP-110279	Gemalto			
1095	550006	Testing for Terminal support of Rel-10 USIM, ISIM and USAT features	USIM_R10_Test	1	Rel-10	C6	05/03/2012	12/06/2013	50%	CP-120396	Gemalto			
1096	440021	CN aspects of Local Call Local Switch	LCLS-CN	1	Rel-10	C4	29/05/2009	18/03/2011	100%	CP-100867	Vodafone			
1101	430001	Local Call Local Switch	LCLS	1	Rel-10	GP,G2	07/05/2007	20/05/2011	100%	GP-101989	Huawei			
1102	480002	Tightened Link Level Performance Requirements for Single Antenna MS	TIGHTER	1	Rel-10	C1,G3new	03/09/2010	01/03/2013	100%	GP-101083	Renesas Mobile			
1106	490001	Support of Multi-Operator Core Network by GERAN	MOCN-GERAN	1	Rel-10	G2,S2,C1	21/05/2010	04/03/2011	100%	GP-101443	Alcatel-Lucent			
1110	490002	Enhancements of Iur-g interface	elurg	1	Rel-10	G2,R3	03/09/2010	03/06/2011	100%	GP-101758	ina Mobile, ZTE			
1113	380077	1.28 Mcps TDD Repeater	RANimp-Repeater1	1	Rel-10	R4	04/12/2007	19/03/2010	100%	RP-071003	RITT			
1114	450019	1.28 Mcps TDD Multi-carrier HSUPA	TDD_MC_HSUPA	1	Rel-10	1,R2,R3,R4	18/09/2009	10/12/2010	100%	RP-090990	CATR			
1115	460014	1.28 Mcps TDD Home NodeB RF requirements	HNB_LCRTDD_RF	1	Rel-10	R4	04/12/2009	10/12/2010	100%	RP-100607	TD Tech			
1118	470012	Multi-User Multiple-Input and Multiple-Output (MU-MIMO) for 1.28Mcps TDD	MUMIMO_LCR_TDD	1	Rel-10	1,R2,R3,R4	19/03/2010	03/06/2011	100%	RP-100347	CATT			
1121	450027	AGNSS Minimum Performance for UTRAN	AGNSSPerf_UTRAN	1	Rel-10	R4,R5	18/09/2009	16/09/2011	100%	RP-100363	Thales			
1124	460005	Inclusion of RF Pattern Matching Technologies as positioning method in the UTRAN	LCS_UMTS_RFPMT	1	Rel-10	R2,R3	04/12/2009	18/03/2011	100%	RP-091427	Polaris Wireless			
1126	460015	Four carrier HSDPA	4C_HSDPA	1	Rel-10	2,R3,R4,R5	04/12/2009	14/06/2013	97%	RP-100991	Qualcomm			
1130	470013	Performance Requirements for two-antenna 1.28Mcps TDD Type 1 and Type 2	2ant_UE_LCR_TDD	1	Rel-10	R4	19/03/2010	03/06/2011	100%	RP-100168	TD Tech			
1133	480020	Automatic Neighbour Relation (ANR) for UTRAN	ANR_UTRAN	1	Rel-10	R3,R2,R5	04/06/2010	07/12/2012	99%	RP-100688	ZTE			
1136	480021	Support of New Band Combinations for Dual-Band Dual Cell HSDPA	DB_DC_HSDPA	1	Rel-10	R4,R2	04/06/2010	03/06/2011	100%	RP-100657	AT&T			
1139	480022	MIMO operation with non-MIMO coexistence in HSDPA	MIMO_HSDPA	1	Rel-10	R4,R5	04/06/2010	02/03/2012	100%	RP-100993	Qualcomm			
1143	490022	Interfrequency detected set measurements for UMTS	Interf_dset_meas_UL	1	Rel-10	R2,R4	17/09/2010	10/12/2010	100%	RP-101015	Nokia			
1144	460007	Carrier Aggregation for LTE	LTE_CA	1	Rel-10	2,R3,R4,R5	04/12/2009	07/12/2012	100%	RP-100661	Nokia			

ID	Jnique_IC	Name	Acronym	utilin leve	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
1148	460008	Enhanced Downlink Multiple Antenna Transmission for LTE	LTE_eDL_MIMO	1	Rel-10	1,R2,R4,R5	04/12/2009	14/06/2013	98%	RP-100196	NTT DoCoMo			
1152	460009	Uplink Multiple Antenna Transmission for LTE	LTE_UL_MIMO	1	Rel-10	1,R2,R4,R5	04/12/2009	01/03/2013	100%	RP-100959	Huawei			
1156	460013	Relays for LTE	LTE_Relay	1	Rel-10	2,S3,C4,C6	04/12/2009	08/06/2011	100%	RP-110911	Ericsson			
1164	470007	Enhanced Inter-Cell Interference Control (ICIC) for non-Carrier Aggregation (CA)	eICIC_LTE	1	Rel-10	2,R3,R4,R5	19/03/2010	14/06/2013	82%	RP-100383	China Mobile			
1168	470008	LTE TDD in 2600MHz for US	LTE_TDD_2600_US	1	Rel-10	4,R2,R3,R5	19/03/2010	10/12/2010	100%	RP-101003	Clearwire			
1172	470009	Adding 2 GHz band LTE FDD (Band 23) for Ancillary Terrestrial Component (ATC)	S_Band_LTE_ATC	1	Rel-10	R2,R4,R5	19/03/2010	09/12/2011	100%	RP-110775	DBSD			
1176	470010	Adding L-Band (Band 24) LTE for Ancillary Terrestrial Component (ATC) of Mobile	L_Band_LTE_ATC	1	Rel-10	R4,R2,R5	19/03/2010	16/09/2011	100%	RP-101284	LightSquared			
1180	470011	LTE Self Optimizing Networks (SON) enhancements	SONenh_LTE	1	Rel-10	R3,R2,R4	19/03/2010	03/06/2011	100%	RP-101004	Siemens Networks			
1182	480027	Further enhancements to MBMS for LTE	MBMS_LTE_enh	1	Rel-10	R2,R3,R5	04/06/2010	02/03/2012	100%	RP-101244	Huawei			
1185	380173	UMTS/LTE 3500 MHz	R1nImp8-UMTSLTE3	1	Rel-10	4,R2,R3,R5	30/11/2007	14/06/2013	97%	RP-091380	Ericsson			
1189	460003	Minimization of Drive Tests for E-UTRAN and UTRAN	MDT_UMTSLTE	1	Rel-10	2,R4,R3,R5	04/12/2009	01/03/2013	100%	RP-100360	Siemens Networks			
1192	470005	HNB and HeNB Mobility Enhancements	HNB_HENB_mob_enh	1	Rel-10	R3,R2,R5	19/03/2010	07/12/2012	100%	RP-110183	Alcatel-Lucent			
1195	480024	Expanded 1900 MHz Band for UTRA and LTE	E1900	1	Rel-10	R4,R2,R5	04/06/2010	07/09/2012	100%	RP-100676	Sprint			
1199	480025	Multi-Standard Radio Base Station RF requirements for non-contiguous spectrum	MSR_NC	1	Rel-10	R4,G1	04/06/2010	25/11/2011	100%	RP-101402	Ericsson			
1204	440044	(Small) Technical Enhancements and Improvements for Rel-10	TEH10	1	Rel-10	All	04/06/2009	23/03/2011	100%	not applicable	-			
1205	521004	(IETF) (Small) Technical Enhancements and Improvements for Rel-10 (draft-ietf-3gpp2-36440)	TEH10	1	Rel-10	C1-IETF	04/06/2009	14/06/2013	75%	not applicable	Andrew Allen			
1206	531001	(IETF) (Small) Technical Enhancements and Improvements for Rel-10 (RFC6275)	TEH10	1	Rel-10	C1-IETF	04/06/2009	29/07/2011	100%	not applicable	-			
1207	540004	Test - (Small) Technical Enhancements and Improvements for Rel-10	TEH10_Test	1	Rel-10	R5,G3new	01/12/2011	07/12/2012	100%	not applicable	n/a			
1208	350014	Deleted - Registration in Densely-populated area (RED)	RED	1	Rel-10	S1	12/03/2007	24/09/2009	100%	SP-070133	NTT DoCoMo			
1211	380062	Deleted - Network Selection for non-3GPP Access	N3GtoNSP	1	Rel-10	S1,C6	07/12/2007	24/09/2009	100%	SP-070874	Telefónica O2			
1214	420025	Deleted - GTP-based S8 chaining	GTPchaining	1	Rel-10	S2	11/12/2008	25/03/2010	100%	SP-080798	Huawei			
1216	430017	Deleted - UTRAN 2 ms TTI uplink range improvement	RANImp-2mTTI_ULIn	1	Rel-10	1,R2,R3,R4	06/03/2009	19/03/2010	100%	RP-090333	Siemens Networks			
1217	440043	Deleted - Enhanced Home NodeB / eNodeB continuation of Rel-9	eEHNB	1	Rel-10	S2	11/12/2008	25/03/2010	100%	not applicable	Alcatel-Lucent			
1218	460010	Deleted - Fixed Wireless Customer-Premises Equipment (CPE) RF Requirements	FW_CPE_RF	1	Rel-10	R4,R5	04/12/2009	03/06/2011	100%	RP-091432	Verizon Wireless			
1221	460012	Deleted - Latency reductions for LTE	LTE_LATRED	1	Rel-10	R2,R1	04/12/2009	10/12/2010	100%	RP-091449	Ericsson			
1223	470006	Deleted - Enhanced Interference Management for Home NodeBs	HNB_IM	1	Rel-10	R3	19/03/2010	17/09/2010	100%	RP-100392	Qualcomm			
1225	0	Release 10 Studies	-	1	Rel-10	3,GP,RP,SP	12/03/2009	23/03/2011	100%	-	-			
1226	370045	Study on enhanced voice service requirements for the Evolved Packet System (EPS)	FS_EV_EPS	1	Rel-10	S1,S4	03/09/2007	25/03/2010	100%	SP-070698	France Telecom			
1229	380083	Study on advanced requirements for IP interconnect	FS_IPXS	1	Rel-10	S1	04/12/2007	10/12/2009	100%	SP-070878	Telefónica O2			
1230	410039	Study on Personal Broadcast Service	FS_PBS	1	Rel-10	S1	18/09/2008	25/03/2010	100%	SP-080504	ETRI			
1231	410040	Study on LCS support in SAE for non-3GPP accesses	FS_LCS_n3GPP	1	Rel-10	S1	18/09/2008	25/03/2010	100%	SP-080648	SK Telecom			
1232	430030	Study on Haptic Services	FS_Haptics	1	Rel-10	S1	12/03/2009	25/03/2010	100%	SP-090664	SK Telecom			
1233	370050	Study on System enhancements for the use of IMS services in Local BreakOut (LBO)	FS_IMS_LBO_ORM	1	Rel-10	S2	01/10/2007	10/12/2009	100%	SP-080556	Telecom Italia, BT			
1234	390055	Study on Intra Domain Connection of RAN Nodes to Multiple CN Nodes	FS_IDC	1	Rel-10	S2	12/03/2008	25/03/2010	100%	SP-080094	China Mobile			
1235	440049	Study on Single Radio Voice Call Continuity enhancements	FS_eSRVCC	1	Rel-10	S2	04/06/2009	23/09/2010	100%	SP-090363	China Mobile			
1236	470048	Study on Single Radio Video Call Continuity for 3G-CS	FS_vSRVCC	1	Rel-10	S2	25/03/2010	23/09/2010	100%	SP-100168	Samsung			
1237	470049	Study on S2b Mobility based on GTP	FS_SMOG	1	Rel-10	S2	25/03/2010	10/06/2010	100%	SP-100169	Alcatel-Lucent			
1238	430040	Study on Surround Sound codec extension for PSS and MBMS	FS_SS_PSS_MBMS	1	Rel-10	S4	12/03/2009	23/03/2011	100%	SP-090019	Telefonier Gesellschaft			
1239	480044	Study on Improved Video Coding Support	FS_IVCS	1	Rel-10	S4	10/06/2010	23/03/2011	100%	SP-100304	Nokia, ETRI			
1240	410044	Study on Rrc Reference Point Functionalities and Message Flows	FS_OAM_Rrc	1	Rel-10	S5	18/09/2008	25/03/2010	100%	SP-080464	Huawei			
1241	430044	Study on Telecommunication Management; Energy Savings Management	FS_OAM_ESM	1	Rel-10	S5	12/03/2009	25/03/2010	100%	SP-090048	Telefonier, Vodafone			
1242	440069	Study on Integration of Device Management Information with ltm-N	FS_IDML_ltm-N	1	Rel-10	S5	04/06/2009	25/03/2010	100%	SP-100088	Motorola			
1243	460037	Study on Alignment of 3GPP Generic NRM IRP and TMF Shared Information Data	FS_3GNRM_TMFISIC	1	Rel-10	S5	10/12/2009	23/03/2011	100%	SP-090759	Siemens Networks			

ID	Jnique_IC	Name	Acronym	utlin leve	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
1244	460038	Study on Harmonization of 3GPP Alarm IRP and TMF Interface Program (TIP) F	FS_3G_TMF_FM	1	Rel-10	S5	10/12/2009	23/03/2011	100%	SP-090760	cs, Alcatel-Lucent			
1245	480045	Study on Alarm Correlation and Alarm Root Cause Analysis	FS_AC_ARCA	1	Rel-10	S5	10/06/2010	23/03/2011	100%	SP-100775	Ericsson			
1246	480046	Study on Alignment of 3GPP PM IRP and TMF Interface Program (TIP) PM	FS_3G_TMF_PM	1	Rel-10	S5	10/06/2010	23/03/2011	100%	SP-100291	Alcatel-Lucent			
1247	450013	Study on Policy and Charging Rules Function (PCRF) failure and restoration	FS_PCRF-FR	1	Rel-10	C3	18/08/2009	17/09/2010	100%	CP-090861	NEC			
1248	480016	Study on User Data Convergence (UDC) evolution	FS_UDCe	1	Rel-10	C4	04/06/2010	18/03/2011	100%	CP-100296	Alcatel-Lucent			
1249	480017	Study on UICC access to IMS	FS_IMS-UICC	1	Rel-10	C6	04/06/2010	18/03/2011	100%	CP-100424	Gemalto			
1250	450014	Study on Uplink Tx Diversity for HSPA	FS_UL-TxDiv-HSPA	1	Rel-10	R4	18/08/2009	04/06/2010	100%	RP-090987	Qualcomm			
1251	460016	Study on Solutions for Energy Saving within UTRA Node B	FS_Energy_UMTS	1	Rel-10	R1,R3	04/12/2009	17/09/2010	100%	RP-091439	Vodafone			
1252	470015	Study on Potential solutions for energy saving for E-UTRAN	FS_Energy_LTE	1	Rel-10	R3,R2	02/02/2010	03/06/2011	100%	RP-100674	China Mobile			
1253	470016	Study on Improvements of distributed antenna for 1.28Mcps TDD	FS_distr_ant_LCR_Ti	1	Rel-10	R1,R2,R3	05/03/2010	10/12/2010	100%	RP-100178	ZTE			
1254	400037	<i>Deleted - Study on Unauthenticated PS Emergency Calls</i>	FS_UAPSEC	1	Rel-10	S1	05/06/2008	25/03/2010	100%	SP-080320	iemens Networks			
1255	410042	<i>Deleted - Study on enhancements to IMS border functions for IMS Interconnection of services</i>	FS_eIMS_IBCF	1	Rel-10	S2	18/09/2008	15/12/2010	100%	SP-090809	Starent Networks			
1256	440050	<i>Deleted - Study on EPC Charging enhancement</i>	FS_EPCcharg	1	Rel-10	S5	04/06/2009	25/03/2010	100%	SP-090318	iemens Networks			
1257	450012	<i>Deleted - Study on Interworking Proxy between GTP based and PMIP based interfaces</i>	FS_GTP-MIP-IW	1	Rel-10	C4	18/09/2009	04/06/2010	100%	CP-090517	NTT DoCoMo			
1258	0	Release 9 Features	-	1	Rel-9	P,GP,RP,SP	05/06/2008	05/06/2008	100%	-	-			
1259	400035	Enhanced Home NodeB / eNodeB	EHNb	1	Rel-9	3,R4,R5,GP	05/06/2008	09/12/2011	100%	SP-090214	T-Mobile			
1275	370026	Value-Added Services for Short Message Service	VAS4SMS	1	Rel-9	S1,C4,C1	10/09/2007	04/12/2009	100%	SP-070572	China Mobile			
1279	370027	Definition of End-User Identity	EUI	1	Rel-9	S1	03/09/2007	11/12/2008	100%	SP-090380	iemens Networks			
1281	380067	Customized Ringing Signal	CRS	1	Rel-9	S1,C1	06/12/2007	03/12/2009	100%	SP-080502	m, China Mobile			
1284	380057	Public Warning System	PWS	1	Rel-9	4,R2,R3,R5	06/12/2007	07/12/2012	100%	SP-070876	T-Mobile			
1291	400031	Support of Personal Area Networks and Enhancements to Personal Network M	PAN_EPNM	1	Rel-9	S1,C1	05/06/2008	04/06/2010	100%	SP-080430	Vodafone			
1295	400032	Multi-Media Telephony Service enhancements	eMMTel	1	Rel-9	S1,S5,C1	05/06/2008	25/03/2010	100%	SP-080503	France Telecom			
1300	400034	User Data Convergence (UDC)	UDC	1	Rel-9	S1,S5,C4	05/06/2008	10/06/2010	100%	SP-080448	iemens Networks			
1307	410032	IMS Services Centralization and Continuity	IMS_SCC	1	Rel-9	S1,S2,C1	18/09/2008	19/03/2010	100%	SP-080633	NEC			
1314	420020	Service Specific Access Control in EPS	SSAC	1	Rel-9	S1,C1,R5	11/12/2008	15/06/2012	100%	SP-080882	NTT DoCoMo			
1318	380064	Support for IMS Emergency Calls over GPRS and EPS	IMS_EMER_GPRS_E	1	Rel-9	R3,R5,IETF	14/01/2008	14/06/2013	98%	SP-080844	Alcatel-Lucent			
1336	430006	LCS for LTE and EPS	LCS_LTE_EPS	1	Rel-9	1,R3,R4,R5	05/06/2008	02/03/2012	100%	not applicable	-			
1343	400039	MBMS support in EPS	MBMS_EPS	1	Rel-9	2,R3,R4,R5	05/06/2008	09/12/2011	100%	SP-080737	China Mobile			
1351	420024	Access Network Discovery and Selection Function enhancements	eANDSF	1	Rel-9	S2,C1	11/12/2008	19/03/2010	100%	SP-080887	Motorola			
1354	430034	Multiple PDN Connection to the Same APN for PMIP-based Interfaces	MUPSAP	1	Rel-9	S2,C4,C1	13/03/2009	19/03/2010	100%	SP-090098	Samsung			
1358	450049	System aspects of vocoder rate adaptation for LTE	LTEimp-Vocoder	1	Rel-9	C3,R2,IETF	07/05/2007	12/09/2012	100%	SP-090653	Qualcomm			
1364	33025	Access Security Enhancements	ACCSEC2	1	Rel-9	S3	02/07/2007	04/06/2009	100%	SP-040865	Ericsson			
1365	410027	Protection against Unsolicited Communication for IMS (PUCI)	PUCI	1	Rel-9	S3,S1	18/09/2008	10/12/2009	100%	SP-080482	NEC			
1368	430036	IMS Media Plane Security	MEDIASEC	1	Rel-9	C4,C3,IETF	13/03/2009	12/09/2012	100%	SP-090128	Vodafone			
1375	440053	GBAPush enhancements (Generic push layer)	eGBAPush	1	Rel-9	S3	12/03/2008	25/03/2010	100%	SP-090282	Ericsson			
1377	440054	Extended Identity Management	GBA-IdM	1	Rel-9	S3	04/06/2009	10/12/2009	100%	SP-090284	Nokia			
1378	440056	Network Domain Security (NDS) enhancements to support backhaul security	NDS_Backhaul	1	Rel-9	S3,IETF	04/06/2009	07/12/2012	100%	SP-090286	Vodafone			
1382	440057	128 bit encryption for GSM and GPRS	A5/4-GEA4	1	Rel-9	,G2,G3new	04/06/2009	10/12/2009	100%	SP-090287	Ericsson			
1389	420027	Timed Graphics	TG	1	Rel-9	S4	11/12/2008	25/03/2010	100%	SP-080683	Ericsson			
1390	430037	Managing MTSI Media Adaptation	M3A	1	Rel-9	S4	12/03/2009	10/12/2009	100%	SP-090021	Samsung			
1391	440046	PSS and MBMS Aspects	PMA	1	Rel-9	S4	12/03/2009	25/03/2010	100%	SP-090261	Ericsson, Nokia			
1394	430046	IMS based PSS and MBMS User Service extensions	IMS_PSS_MBMS_US	1	Rel-9	S4	12/03/2009	10/12/2009	100%	SP-090225	Ericsson			
1395	440051	Syndicated Feed Reception within 3GPP environments	SFR	1	Rel-9	S4	04/06/2009	10/12/2009	100%	SP-090260	Ericsson			

ID	Jnique_IC	Name	Acronym	utilnleve	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
1396	450048	Distortion Measurement Test Methods and Requirements	DTMR	1	Rel-9	S4	24/09/2009	25/03/2010	100%	SP-090575	Motorola			
1397	420029	Rel-9 Operations, Administration, Maintenance and Provisioning (OAM&P)	OAM9	1	Rel-9	S5	22/02/2008	10/06/2010	100%	TR 30.819	-			
1411	440068	Rel-9 Charging Management small Enhancements	CH9	1	Rel-9	S5	04/06/2009	25/03/2010	100%	TR 30.819	-			
1412	400008	CS-IBCF and CS-TrGW definition in 3GPP specifications	CS-IBCF	1	Rel-9	C3,C4	30/05/2008	19/03/2010	100%	CP-090073	Telecom Italia			
1415	410008	IMS – Interconnection Border Control Function (IBCF) – Transition Gateway (Tr)	IMS_IBCF	1	Rel-9	C4,C3	12/09/2008	04/12/2009	100%	CP-090019	Alcatel-Lucent			
1418	410009	IMS Application Level Gateway Control Function (ALGCF) – IMS Access Media	IMS_AGCF	1	Rel-9	C4	12/09/2008	04/12/2009	100%	CP-090020	Alcatel-Lucent			
1419	420016	Enhancements of IMS Customized Alerting Tone (CAT) Service	eCAT	1	Rel-9	C1	05/12/2008	04/06/2010	100%	CP-080796	China Mobile			
1421	440017	Completion of IMS Restoration Procedures	eIMS_RP	1	Rel-9	C3, C4,C1	29/05/2009	19/03/2010	100%	CP-091050	Ericsson			
1425	440039	IMS Stage 3 IETF Protocol Alignment - phase 3	IMSProtoc3	1	Rel-9	C1,IETF	29/05/2009	14/06/2013	78%	CP-090491	Alcatel-Lucent			
1429	440070	Operational description of the Inter-IMS Network to Network Interface (II-NNI)	II-NNI	1	Rel-9	C3,IETF	29/05/2009	14/06/2013	78%	CP-090331	Orange			
1438	450005	Definition of MI interface for Control Plane LCS (Stage 3)	EMC2	1	Rel-9	C1	18/09/2009	19/03/2010	100%	CP-090746	Alcatel-Lucent			
1439	450009	PCC enhancements	PCC-Enh	1	Rel-9	C3	18/09/2009	04/12/2009	100%	CP-090744	Huawei			
1440	460004	3GPP IMS Conferencing Management Object (MO)	IMS_ConfMO	1	Rel-9	C1	03/12/2009	04/12/2009	100%	CP#46 Report	-			
1441	470004	In Case of Emergency (ICE) Graphics	ICE_Graphics	1	Rel-9	C6	17/03/2010	19/03/2010	100%	CP-100178	Sagem-Orga			
1442	410023	Rel-9 Improvements of the Radio Interface	RInImp9	1	Rel-9	RP,GP	12/09/2008	19/03/2010	100%	not applicable	-			
1451	440006	Rel-9 Improvements of the Radio Interface - UE Conformance Testing	RInImp-UEConTest	1	Rel-9	R5	19/05/2009	17/09/2010	100%	not applicable	-			
1456	450018	Conformance Test Aspects – SMS over IMS in E-UTRAN	SMSoverIMS_UECor	1	Rel-9	R5	18/09/2009	19/03/2010	100%	RP-090959	Alcatel-Lucent			
1457	430013	Rel-9 RAN improvements	RANimp	1	Rel-9	RP	06/03/2009	19/03/2010	100%	not applicable	-			
1463	490025	Rel-9 RAN improvements - UE Conformance Testing	-	1	Rel-9	R5	17/09/2010	07/12/2012	100%	not applicable	-			
1467	420007	LTE improvements	LTEimp	1	Rel-9	1,R2,R4,R5	06/03/2009	03/06/2011	100%	not applicable	-			
1471	420011	Rel-9 Self-Organizing Networks (SON)	SON	1	Rel-9	R3,R2	06/03/2009	19/03/2010	100%	RP-090162	iemens Networks			
1472	38002	AGNSS Performances and Testing Procedures	AGNSSPTP	1	Rel-9	G1,G3new	16/05/2008	20/05/2011	100%	GP-092342	Thales			
1475	420002	Voice services over Adaptive Multi-user channels on One Slot	VAMOS	1	Rel-9	,G2,G3new	21/11/2008	02/03/2012	100%	GP-081949	cs, China Mobile			
1481	440002	Cell Broadcast protocol Base Station Controller – Cell Broadcast Centre (BSC-C)	CEBRO	1	Rel-9	GP,C1	15/05/2009	19/03/2010	100%	GP-091022	Ericsson			
1484	440003	Hybrid Location	HILT	1	Rel-9	GP	18/05/2009	20/11/2009	100%	GP-091075	TruePosition			
1485	420099	(Small) Technical Enhancements and Improvements for Rel-9	TEI9	1	Rel-9	All	15/09/2008	10/12/2009	100%	not applicable	-			
1486	460002	Test - (Small) Technical Enhancements and Improvements for Rel-9	TEI9_Test	1	Rel-9	R5,G3new	20/11/2009	24/12/2010	100%	not applicable	-			
1487	330017	<i>Deleted - Services Alignment and Migration</i>	ServAl	1	Rel-9	S1	06/12/2006	18/09/2008	100%	SP-070126	Telefónica O2			
1489	380071	<i>Deleted - Harmonization of Gq/Rx for Common IMS</i>	IMS_Comm_GqRx_f	1	Rel-9	S2	14/01/2008	12/03/2009	100%	SP-070822	Alcatel-Lucent			
1490	380081	<i>Deleted - Support of WiMAX - LTE Mobility</i>	WiMAX_LTE_Mobility	1	Rel-9	R2	06/06/2008	25/12/2009	100%	RP-070511	Samsung			
1491	380082	<i>Deleted - Support of WiMAX - UMTS Mobility</i>	WiMAX_UMTS_Mobi	1	Rel-9	R2	06/06/2008	25/12/2009	100%	RP-070511	Intel			
1492	380086	<i>Deleted - Definition of 3GPP UICC services over the new high-speed interface</i>	UICCHS	1	Rel-9	C6	19/03/2010	19/03/2010	100%	CP-070837	Gemalto			
1493	390040	<i>Deleted - SAES Enhancements (non RAN aspects)</i>	SAES_Ph2	1	Rel-9	S2	25/06/2007	08/12/2008	100%	-	iemens Networks			
1498	440071	<i>Deleted - Lawful Interception in the 3GPP Rel-9</i>	LI9	1	Rel-9	S3	04/06/2009	25/03/2010	100%	SP-090831	PIDS, Nortel			
1499	0	Release 9 Studies	-	1	Rel-9	CP,RP,SP	05/06/2008	19/03/2010	100%	-	-			
1500	400036	Study on Service Specific Access Control in EPS	FS_SSAC	1	Rel-9	S1	05/06/2008	11/12/2008	100%	SP-080319	NTT DoCoMo			
1501	350052	Study on CS Domain Services over EPS access	FS_CSoPS	1	Rel-9	S2	25/04/2007	12/03/2009	100%	SP-080800	T-Mobile			
1502	370043	Study on Extended Support of IMS Emergency Calls	FS_IMS-eCall	1	Rel-9	S2	24/09/2007	11/12/2008	100%	SP-070547	Qualcomm			
1503	320031	Study on Service Continuity for Emergency Voice Calls	FS_VCCEm	1	Rel-9	S2	08/06/2006	12/03/2009	100%	SP-080555	Nortel			
1504	370053	Study on Security Aspects of Remote Provisioning and Change of Subscriber	FS_UM2M	1	Rel-9	S3,C6	06/04/2004	10/12/2009	100%	SP-070702	Ericsson			
1505	360006	Study on System Maintenance over Itf-N	FS_OAM-Maint-Itf-N	1	Rel-9	S5	07/06/2007	24/09/2009	100%	SP-070306	ZTE			
1506	360007	Study on Self-Organizing Networks (SON) related OAM interfaces for Home No	FS_OAM-SON-HNB	1	Rel-9	S5	07/06/2007	04/06/2009	100%	SP-080461	Huawei			
1507	390017	Study on Self-healing of Self-Organizing Networks (SON)	FS_OAM-SON-SH	1	Rel-9	S5	22/02/2008	24/09/2009	100%	SP-080076	ZTE			

ID	Jnique_IC	Name	Acronym	utiln_lev	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
1508	400029	Study on Service Oriented Architecture (SOA) for IRP	FS_OAM_SOA_IRP	1	Rel-9	S5	05/06/2008	04/06/2009	100%	SP-080281	Ericsson			
1509	380079	Study on Evaluation of the inclusion of Path Loss Based Technology in the UT	FS_RAN-Pathloss	1	Rel-9	R4	17/12/2007	04/12/2009	100%	RP-071050	Polaris Wireless			
1510	390031	Study on LTE-Advanced	FS_RAN_LTEA	1	Rel-9	1,R2,R3,R4	23/03/2007	19/03/2010	100%	RP-091360	NTT DoCoMo			
1511	410016	Study on 1.28 Mcps TDD Home NodeB	FS_RAN-HNBLCRTC	1	Rel-9	R4	20/02/2008	04/12/2009	100%	RP-080767	TD Tech			
1512	420012	Study on E-UTRAN Mobility Evaluation and Enhancement	FS_EUTRAN_mob	1	Rel-9	R1	05/12/2008	29/05/2009	100%	RP-081137	Qualcomm			
1513	430021	Study on Minimization of drive-tests in Next Generation Networks	FS_NGN_min_drive-t	1	Rel-9	R2	06/03/2009	04/12/2009	100%	RP-090341	Qualcomm			
1514	430027	Study on Enhanced Interference Management for HNBs	FS_eInterfMgmt_HNE	1	Rel-9	R4	06/03/2009	29/05/2009	100%	RP-090361	Qualcomm			
1515	440015	Study on Enhanced Interference Management Mechanisms for HNBs	FS_eInterfMgmtMchs	1	Rel-9	R3	30/05/2009	18/09/2009	100%	RP-090667	Qualcomm			
1516	320026	<i>Deleted - Study on Protection against SMS and MMS spam</i>	FS_CPSMaI	1	Rel-9	S3	08/06/2006	24/09/2009	100%	SP-060446	Orange			
1517	0	Release 8 Features	-	1	Rel-8	2,GP,RP,SP	19/09/2006	19/03/2010	100%	-	-			
1518	320005	3GPP System Architecture Evolution Specification - Evolved Packet System (nc	SAES	1	Rel-8	C4,C6,IETF	12/04/2006	15/06/2012	100%	SP-080132	T-Mobile			
1611	450022	Conformance Test Aspects – Mobility management based on DSMIPv6 (Dual-St	DSMIPv6_UEConTes	1	Rel-8	R5	18/09/2009	17/09/2010	100%	RP-090754	Qualcomm			
1612	370025	IMS Centralized Service Control (ICSRA)	ICSRA	1	Rel-8	C3,C4,IETF	03/09/2007	14/06/2013	83%	SP-070924	AT&T			
1625	370059	IMS Multimedia Telephony and Supplementary Services	IMSTSS	1	Rel-8	C3,C4,IETF	02/05/2007	01/08/2014	95%	not applicable	-			
1647	390035	3GPP2 Input to Common IMS	CIMS_3GPP2	1	Rel-8	3,C1,C3,C4	07/03/2008	11/12/2008	100%	SP-080220	Nortel			
1654	350005	IMS Enhancements for support of Packet Cable access	PktCbl	1	Rel-8	3,C1,C3,C4	06/12/2006	30/05/2008	100%	not applicable	Cablelabs			
1666	360012	IMS System enhancements for corporate network access	IMS_Corp	1	Rel-8	2,S1,C1,C4	22/06/2007	14/06/2013	92%	SP-080095	Orange			
1672	380069	Maintenance of TISPAN documentation	MAINTISP	1	Rel-8	C3,C4,IETF	02/07/2007	14/06/2013	82%	not applicable	-			
1677	390056	IMS Service Continuity	IMS-Cont	1	Rel-8	S2,S1,C1	12/03/2008	29/05/2009	100%	SP-080092	LG Electronics			
1681	370078	Security Enhancements for IMS	IMS-Sec	1	Rel-8	S3,C1,C4	19/09/2006	06/03/2009	100%	SP-070496	Ericsson			
1687	34046	IMS initiated and controlled PSS and MBMS User Service	IMS_PSS_MBMS_U	1	Rel-8	S4,S3,IETF	12/03/2008	21/09/2011	100%	SP-080201	FT, Ericsson			
1690	713024	Multimedia interworking between IMS and CS networks	MIW-IMS	1	Rel-8	C3,C4	23/09/2005	05/12/2008	100%	CP-070729	Vodafone			
1695	360029	IMS Stage 3 IETF Protocol Alignment - phase 2	IMSProtoc2	1	Rel-8	C1,IETF	22/06/2007	14/06/2013	92%	CP-080794	Alcatel-Lucent			
1700	380014	Interworking between User-to-User Signalling (UUS) and SIP	UUSIW	1	Rel-8	C1,C3,IETF	30/11/2007	14/06/2013	80%	CP-070782	Huawei			
1705	380018	Support of Overlap signalling	Overlap	1	Rel-8	C3,C1,C4	30/11/2007	06/03/2009	100%	CP-070731	utsche Telekom			
1709	380035	AS/MRFC Stage 2 and 3	MRFC_TS	1	Rel-8	C1,IETF	14/11/2007	15/06/2012	100%	CP-070784	Hewlett-Packard			
1713	400012	IMS Restoration Procedures	IMS_RP	1	Rel-8	C4,C1	30/05/2008	06/03/2009	100%	CP-080447	Ericsson			
1716	410003	IMS Application Server Service Data Descriptions for AS interoperability	IMS_ASIO	1	Rel-8	C4	12/09/2008	06/03/2009	100%	CP-080451	Alcatel-Lucent			
1717	340030	I-WLAN Network Selection Principle (NSP)	IWLANNSP	1	Rel-8	S1,C1,C6	14/06/2007	06/03/2009	100%	SP-060932	Telefónica O2			
1721	370049	Mobility between 3GPP-WLAN Interworking and 3GPP Systems	IWLAN_Mob	1	Rel-8	S2,C1	14/09/2007	06/03/2009	100%	SP-070701	Orange			
1724	460006	Conformance Test Aspects – Mobility between 3GPP WLAN Interworking and 3	IWLAN_Mob_UECon	1	Rel-8	R5	04/12/2009	17/09/2010	100%	RP-091349	Qualcomm			
1725	7042	Enhancements for Voice Group Call Service (VGCS) Applications (EVA)	EVA	1	Rel-8	1,C1,C4,G2	15/03/2006	18/09/2009	100%	SP-070904	Nortel			
1731	31081	Personal Network Management	PNM	1	Rel-8	S1,C1,S3	11/07/2005	06/03/2009	100%	SP-080327	Vodafone			
1739	330005	eCall Data Transfer	EData	1	Rel-8	S1,C1	28/09/2006	06/03/2009	100%	SP-060678	Airbiquity			
1742	34042	eCall data transfer Phase 2: Comparison of alternative in-band modem solution	eCall_Phase2	1	Rel-8	S4	06/12/2007	24/09/2009	100%	SP-070756	Airbiquity			
1743	450001	eCall Conformance Testing	eCall_MSTest	1	Rel-8	G3new	04/09/2009	03/09/2010	100%	GP-091098	sson, Qualcomm			
1744	450023	Conformance Test Aspects – non-modem procedures of eCall sessions in UTR	UMTS_eCall_UECon	1	Rel-8	R5	18/09/2009	04/06/2010	100%	RP-090952	sson, Qualcomm			
1745	380060	IP Interconnection of Services	IPinterc	1	Rel-8	1,S2,S5,C3	16/08/2006	06/03/2009	100%	SP-080565	Telefónica O2			
1753	360025	Support of (G)MSC-S – (G)MSC-S Nc Interface based on the SIP-I protocol	SIP_Nc	1	Rel-8	C4,C3	14/09/2007	06/03/2009	100%	CP-080282	Vodafone			
1758	370051	Earthquake and Tsunami Warning System	ETWS	1	Rel-8	2,C1,C4,G2	10/09/2007	15/05/2009	100%	SP-070815	NTT DoCoMo			
1764	440011	Conformance Test Aspects – UMTS Earthquake and Tsunami Warning System	ETWS_UMTS_UECo	1	Rel-8	R5	29/05/2009	12/03/2010	100%	RP-090467	NTT DoCoMo			
1765	380059	In Case of Emergency numbers storage and easy access on UICC	ICE	1	Rel-8	S1,C6	13/03/2007	06/03/2009	100%	SP-070944	Vodafone			
1768	330006	Local Charging Zone Requirements	LCZR	1	Rel-8	S1	28/09/2006	12/03/2008	100%	SP-060482	China Mobile			

ID	Jnique_IC	Name	Acronym	utilin_lev	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
1769	340029	Customized Alerting Tone (CAT) service	CAT	1	Rel-8	1,C1,C3,C4	06/12/2006	18/09/2009	100%	SP-070122	China Mobile			
1777	340031	Service-Level Interworking for Messaging Services	MESSIW	1	Rel-8	1,S2,C3,C1	26/03/2007	06/03/2009	100%	SP-070816	Huawei			
1782	340044	Multimedia Priority Service	PRIOR	1	Rel-8	1,C1,C3,C4	08/06/2006	18/09/2009	100%	SP-060780	Telcordia			
1787	360010	Open Service Access (OSA) Rel-8	OSA8	1	Rel-8	S1,C5	23/08/2007	30/05/2008	100%	SP-070692	Orange			
1809	360032	Paging Permission with Access Control (PPACR)	PPACR	1	Rel-8	S1,C1	12/06/2007	05/12/2008	100%	SP-070501	NTT DoCoMo			
1812	490017	Conformance Test Aspects – Paging Permission with Access Control (PPAC)	PPAC_UEConTest	1	Rel-8	R5	17/09/2010	10/12/2010	100%	RP-100806	NTT DoCoMo			
1813	380063	Charging for multi-phases services	CHRGMPH	1	Rel-8	S1	06/12/2007	12/03/2008	100%	SP-080053	Telecom Italia			
1815	380065	Home NodeB / eNodeB	HomeNB	1	Rel-8	S1,C1,C4	06/12/2007	06/03/2009	100%	SP-070952	Vodafone			
1820	390033	UTRA HNB	HNB	1	Rel-8	RP,S5	07/03/2008	04/06/2009	100%	not applicable	-			
1825	430022	UTRA HNB – UE Conformance Testing	HNB-UEConTest	1	Rel-8	R5	06/03/2009	04/06/2010	100%	not applicable	-			
1827	350015	Lawful Interception in the 3GPP Rel-8	LI8	1	Rel-8	S3	12/03/2007	12/03/2009	100%	SP-070238	BMW, Verizon			
1828	390046	Generic Bootstrapping Architecture Push Function	GBAPush	1	Rel-8	S3,C1,C4	12/03/2008	06/03/2009	100%	SP-080133	Ericsson			
1832	34045	Requirements and Test methods for Wideband Terminals	RETEM_WB_T	1	Rel-8	S4	12/03/2008	11/12/2008	100%	SP-080004	FT, Ericsson			
1833	34043	Extending PSS and MBMS User Services for optimized Mobile TV	PSS_MBMS_OMTV	1	Rel-8	S4	06/12/2007	11/12/2008	100%	SP-070757	Ericsson			
1834	400028	Encoding formats, transport formats and media description signalling for inter	MTSI_eMHI	1	Rel-8	S4,C3,C4	06/12/2007	12/03/2009	100%	SP-080443	son, Qualcomm			
1839	340063	Rel-8 Operations, Administration, Maintenance and Provisioning (OAM&P)	OAM8	1	Rel-8	C1,C4,IETF	07/06/2007	14/06/2013	95%	TR 30.818	-			
1858	350016	Rel-8 Charging Management small Enhancements	CH8	1	Rel-8	S5	16/03/2006	11/12/2008	100%	TR 30.818	-			
1863	380024	Conferencing enhancements for Mp interface	eMp	1	Rel-8	C4	30/11/2007	05/12/2008	100%	CP-080725	Huawei			
1866	320014	Contact Manager for 3GPP UICC applications	eUPHBOOK	1	Rel-8	C6	22/06/2006	05/12/2008	100%	CP-080382	Gemalto			
1871	20068	Rel-8 LTE – 3G Long Term Evolution - Evolved Packet System RAN part	LTE	1	Rel-8	RP,S5	25/09/2006	12/03/2009	100%	RP-080747	NTT DoCoMo			
1886	25029	Rel-8 LTE – Terminal Conformance Test Specification	LTE-UEConTest	1	Rel-8	R5	01/06/2007	04/12/2009	100%	not applicable	-			
1890	350040	Rel-8 Improvements of the Radio Interface	RInimp8	1	Rel-8	RP	05/03/2007	06/03/2009	100%	not applicable	-			
1899	25125	Rel-8 Improvements of the Radio Interface - UE Conformance Testing	RInimp-UEConTest	1	Rel-8	R5	01/06/2007	05/12/2008	100%	not applicable	-			
1902	370035	Rel-8 RAN improvements	RANimp	1	Rel-8	RP	04/06/2007	29/05/2009	100%	not applicable	-			
1916	25126	Rel-8 RAN improvements - UE Conformance Testing	RANimp-UEConTest	1	Rel-8	R5	30/05/2008	17/09/2010	100%	not applicable	-			
1928	360008	3.84 Mcps TDD MBSFN Integrated Mobile Broadcast	MBSFN-DOB	1	Rel-8	R1	04/06/2007	05/12/2008	100%	RP-081124	Ericsson			
1929	440008	Conformance Test Aspects – 3.84 Mcps TDD MBSFN Integrated Mobile Broadc	MBSFN_IMB_UECon	1	Rel-8	R5	30/05/2009	19/03/2010	100%	RP-090583	IPwireless			
1930	50583	GERAN support for GERAN - 3G Long Term Evolution interworking	GELTE	1	Rel-8	C1,G3new	08/09/2006	25/11/2011	100%	GP-061757	emens Networks			
1935	55586	U-TDOA Enhancement	GUTEN	1	Rel-8	GP	18/05/2007	16/11/2007	100%	GP-070865	TruePosition			
1936	50587	GAN Enhancements	GANENH	1	Rel-8	GP	15/05/2007	04/09/2009	100%	GP-071484	T-Mobile			
1939	50591	AoIP (A-interface over IP)	AoIP	1	Rel-8	4,C4,C1,C3	03/01/2000	11/12/2008	100%	GP-081361	Mobile, Ericsson			
1946	51147	New multicarrier BTS class	MCBTS	1	Rel-8	G1	31/08/2007	29/08/2008	100%	GP-071542	Alcatel-Lucent			
1947	38001	Support for Additional Navigation Satellite Systems (ANSS) for LCS	ANSS	1	Rel-8	S1,G2,R2	16/05/2008	11/12/2008	100%	GP-081784	Qualcomm			
1951	51149	Conformance testing for the Latency Reductions feature	CTLATRED	1	Rel-8	G1, G3new	22/02/2008	05/03/2010	100%	GP-080367	Ericsson			
1954	53091	MS conformance testing of changes introduced by WI "Support of Packet-switc	PSHCT-MSTest	1	Rel-8	G3new	22/02/2008	21/11/2008	100%	GP-080411	rohde & Schwarz			
1955	320001	(Small) Technical Enhancements and Improvements for Rel-8	TEI8	1	Rel-8	All	01/01/2007	11/12/2008	100%	not applicable	-			
1956	521029	(IETF) (Small) Technical Enhancements and Improvements for Rel-8	TEI8	1	Rel-8	C1-IETF	01/01/2007	07/09/2012	100%	not applicable	hrister Holmberg			
1957	400025	Test - (Small) Technical Enhancements and Improvements for Rel-8	TEI8_Test	1	Rel-8	R5,G3new	07/03/2007	24/12/2010	100%	not applicable	-			
1958	31067	<i>Deleted - All-IP Network</i>	AIPN	1	Rel-8	S1	28/06/2004	15/03/2006	100%	SP-050181	NTT DoCoMo			
1960	340032	<i>Deleted - was Rel-7 - LCS for 3GPP Interworking WLAN</i>	LCS4_IWLAN	1	Rel-8	S2	28/09/2007	28/09/2007	100%	SP-060818	LG Electronics			
1961	330010	<i>Deleted - never approved- FBI Phase 2</i>	FBI2	1	Rel-8	S2	28/09/2007	28/09/2007	100%	-	emens Networks			
1962	330007	<i>Deleted -Enhancements to BS30 Bearer service for Videotelephony</i>	BS30	1	Rel-8	S1	15/03/2007	15/03/2007	100%	SP-060484	3			
1963	370055	<i>Deleted - IMS Enhancements Rel-8</i>	IMS8	1	Rel-8	S1	03/09/2007	14/12/2007	100%	-	Telecom Italia			

ID	Jnique_IC	Name	Acronym	utilin leve	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
1964	400023	<i>Deleted - Contact Manager Conformance Test specifications</i>	eUPHBOOK-Test	1	Rel-8	C6	02/06/2008	19/03/2010	100%	CP-080430	mpmion, Gemalto			
1967	53092	<i>Deleted - MS conformance testing of Support of Conversational Services in A/Gb mode via the PS domain</i>	SCSAGBCT-MSTest	1	Rel-8	G3new	25/02/2008	04/09/2009	100%	GP-080330	Nokia			
1968	0	Release 8 Studies	-	1	Rel-8	P,GP,RP,SP	07/10/2005	12/11/2010	100%	-	-			
1969	7026	Study on Customised Alerting Tone (CAT) Requirements	FS_CAT	1	Rel-8	S1	07/10/2005	14/09/2006	100%	SP-060474	China Mobile			
1970	7027	Study on Facilitating Machine to Machine Communication in GSM and UMTS (M2M)	FS_M2M	1	Rel-8	S1	04/11/2005	08/03/2007	100%	SP-050527	Siemens			
1971	31089	Study on Network Composition	FS_NetComp	1	Rel-8	S1	07/12/2005	12/12/2007	100%	SP-060478	Siemens Networks			
1972	320024	Study on Requirements of IMS Multimedia Conferencing	FS_IMSconf	1	Rel-8	S1	08/06/2006	12/09/2007	100%	SP-060479	China Mobile			
1973	320025	Study on support of a Public Warning System	FS_PWS	1	Rel-8	S1	03/09/2007	14/03/2008	100%	SP-080054	T-Mobile			
1974	330016	Study on Paging Permission with Access Control	FS_PPAC	1	Rel-8	S1	28/09/2006	20/09/2007	100%	SP-060785	NTT DoCoMo			
1975	340033	Study on Non-3GPP access Network Selection Principles (NSP)	FS_N3GtoNSP	1	Rel-8	S1	06/12/2006	05/06/2008	100%	SP-080318	Telefónica O2			
1976	340034	Study on Value Added Services for Short Message Service	FS_VAS4SMS	1	Rel-8	S1	06/12/2006	07/12/2007	100%	SP-060786	China Mobile			
1977	340035	Study on Service continuity between mobile and WLAN networks	FS_SMLS WLAN	1	Rel-8	S1	06/12/2006	06/12/2007	100%	SP-060936	NEC			
1978	370086	Study on Services Alignment and Migration	FS_ServAI	1	Rel-8	S1	06/12/2006	12/03/2008	100%	SP-070126	Telefónica O2			
1979	320085	Study on 3GPP System Architecture Evolution	FS_SAE	1	Rel-8	S2,S3	03/12/2004	12/03/2009	100%	SP-070163	Vodafone			
1983	320028	Study on Stage 2 aspects of IMS Service Brokering	FS_ISB_ST2	1	Rel-8	S2	19/06/2006	18/09/2008	100%	SP-060443	Telcordia			
1984	7049	Study on IMS utilizing multicast bearer services	FS_MLTICAST-IMS	1	Rel-8	S2	22/03/2006	06/12/2007	100%	SP-060148	Siemens Networks			
1985	350051	Study on Multimedia Session Continuity	FS_MMSC	1	Rel-8	S2	26/04/2007	05/06/2008	100%	SP-070818	LG Electronics			
1986	380034	Study on centralized IMS service control	FS_ICS	1	Rel-8	S2,S1	23/10/2006	12/03/2008	100%	SP-070494	Ericsson			
1989	380078	Study on Architecture of IMS based Customized Alerting Tone (CAT)	FS_CAT-St2	1	Rel-8	S2	04/12/2007	18/09/2008	100%	SP-070905	China Mobile			
1990	380085	Study on Home (e)NodeB Security	FS_HNB_Sec	1	Rel-8	S3	20/12/2007	12/03/2009	100%	SP-070783	Huawei			
1991	360015	Study on Transferring of emergency call data – in-band modem solution	eCALLIBMS	1	Rel-8	S4	07/12/2006	12/12/2007	100%	SP-060935	Airbiquity			
1992	35065	Study on Element Operations Systems Function (EOSF) definition	OAM7-NIM- EOSF	1	Rel-8	S5	07/06/2007	12/06/2008	100%	SP-070307	China Mobile			
1993	35074	Study on SA5 MTOSI XML Harmonization	OAM8-NIM-XML	1	Rel-8	S5	10/05/2006	12/09/2007	100%	SP-070305	Nortel			
1994	320006	Study on Common Profile Storage (CPS) Framework of User Data for network s	OAM7-CPS	1	Rel-8	S5	03/07/2006	07/06/2007	100%	SP-060263	T-Mobile			
1995	340036	Study on Management for LTE and SAE	FS_OAM_LTE_SAE	1	Rel-8	S5	07/12/2006	11/12/2008	100%	SP-060753	Ericsson			
1996	350004	Study on Charging Aspects of 3GPP System Evolution	FS_SAEchrg	1	Rel-8	S5	02/04/2007	06/12/2007	100%	SP-070174	Siemens Networks			
1997	7048	Study on AS-MRFC media server control protocol	MRFC	1	Rel-8	C1	22/03/2006	13/06/2008	100%	CP-060180	Hewlett-Packard			
1998	350018	Study on IMS Restoration Procedures	FS_IMS_RP	1	Rel-8	C4	26/03/2007	30/05/2008	100%	CP-070031	Ericsson			
1999	360030	Study on IMS Application Server Service Data Descriptions for AS interoperabil	FS_IMS_ASIO	1	Rel-8	C4	14/09/2007	12/09/2008	100%	CP-070685	Alcatel-Lucent			
2000	360031	Study on Customized Alerting Tone (CAT) solution for voice and video call in C	FS_CAT_VVC_CS	1	Rel-8	C4	14/09/2007	12/09/2008	100%	CP-070518	China Mobile			
2001	380023	Study on InterWorking Function between MAP based and Diameter based inter	FS_MAP2Diam	1	Rel-8	C4	30/11/2007	05/12/2008	100%	CP-070760	Huawei			
2002	370041	Study on Scope of future HSPA Evolution for 1.28 Mcps TDD	FS_RAN-LCRTDDHE	1	Rel-8	R1	14/09/2007	30/05/2008	100%	RP-070748	RITT			
2003	370042	Study on Synchronized E-DCH for UTRA FDD	FS_RAN-UplinkSync	1	Rel-8	R1	14/09/2007	07/03/2008	100%	RP-070678	Siemens Networks			
2004	360016	Study on Improved network controlled mobility between LTE and 3GPP2/mobile	FS_RAN-LTEmob	1	Rel-8	R4	04/06/2007	03/12/2007	100%	RP-070511	Motorola			
2005	350039	Study on 3G Home NodeB/eNodeB	FS_RAN-HNBeNB	1	Rel-8	R4	05/03/2007	30/05/2008	100%	RP-070257	Motorola			
2006	50589	Study on A-interface over IP	AIN TIP	1	Rel-8	GP	31/08/2007	22/02/2008	100%	GP-071562	Mobile, Ericsson			
2007	50590	Study on Multi-User Reusing-One-Slot	MUROS	1	Rel-8	GP	16/11/2007	12/11/2010	100%	GP-072033	Siemens Networks			
2008	51148	Study on Optimized Transmit Pulse Shape for Downlink EGPRS2-B	WIDER	1	Rel-8	G1	16/11/2007	21/05/2010	100%	GP-072026	Siemens Networks			
2009	350017	<i>Deleted - Study on Mobility between 3GPP-WLAN Interworking and 3GPP Systems</i>	FS_SM3GWLAN	1	Rel-8	S2	20/03/2007	18/09/2008	100%	SP-070106	Orange			
2010	370044	<i>Deleted - equals 340035 -FS on Service continuity between mobile and WLAN networks</i>	FS_SCMobToW	1	Rel-8	S1	03/09/2007	14/12/2007	100%	SP-070557	BT			
2011	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%	SP-070819	SIRF			
2012	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%	RP-071044	Qualcomm			
2013	390032	<i>Deleted - Study on Dual-Cell HSDPA operation</i>	FS_RAN-DCHS	1	Rel-8	R1	15/08/2007	06/03/2009	100%	RP-080228	Qualcomm			

ID	Jnique_IC	Name	Acronym	utlin eve	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
2014	0	Release 7 Features	-	1	Rel-7	2,GP,RP,SP	02/05/2005	06/12/2007	100%	-	-			
2015	732097	Identification of Communication Services in IMS	ServID	1	Rel-7	2,S1,C1,S5	02/05/2005	14/09/2007	100%	SP-060293	Ericsson			
2020	32116	Supporting Globally Routable User Agent URIs in IMS	GRUU	1	Rel-7	S2,S1,C1	14/11/2005	15/06/2007	100%	SP-050633	Research In Motion			
2024	7038	Multimedia Telephony Service for IMS	MTSI	1	Rel-7	S1,C1,S4	01/02/2006	15/06/2007	100%	SP-060224	Ericsson			
2029	350147	Multimedia Telephony Service for IMS (MTSI) - UE Conformance Testing	MTSI-UEConTest	1	Rel-7	R5	19/09/2007	12/03/2009	100%	RP-080605	Ericsson, Motorola			
2030	377001	TISPAN requirements for Multimedia Telephony with PSTN/ISDN simulation server	TMMTEL7	1	Rel-7	S1	18/09/2007	06/12/2007	100%	SP-070568	-			
2031	387001	Maintenance of TISPAN release 1 common IMS	MCIMSTR1	1	Rel-7	S2	02/07/2007	07/03/2008	100%	SP-070915	Ericsson			
2036	32045	PS domain and IMS impacts for supporting IMS Emergency calls	EMC1	1	Rel-7	C1,C4,IETF	18/09/2000	09/12/2011	100%	SP-050604	Siemens			
2049	11065	IMS Support of Conferencing	IMSconf	1	Rel-7	C1	04/11/2005	15/03/2007	100%	CP-070120	Alcatel-Lucent			
2050	34033	Performance Characterization of VoIMS over HSDPA/EUL channels	VoIMS-PCVoIMS	1	Rel-7	S4	15/03/2005	06/12/2007	100%	SP-050089	Alcatel-Lucent			
2051	31062	WLAN-UMTS Interworking Phase 2	WLAN2	1	Rel-7	S1,S2	05/01/2004	07/06/2005	100%	SP-030712	Telenor			
2054	32110	WLAN Interworking – Private Network access from WLAN 3GPP IP Access	WLANPNA	1	Rel-7	2,C1,C3,C4	10/10/2005	26/09/2006	100%	SP-050489	NEC			
2060	32092	Enhancements to support QoS provisioning over 3GPP/WLAN Interworking	WLANQOS	1	Rel-7	S2,C4,C1	14/03/2005	09/03/2007	100%	SP-050682	Samsung			
2065	32079	Location Services enhancements	LCS3	1	Rel-7	2,GP,C4,R2	28/06/2004	17/12/2007	100%	SP-040682	-			
2077	31084	MBMS Enhancements	MBMSE	1	Rel-7	S1,R1,C3	11/07/2005	30/11/2007	100%	SP-050389	China Mobile			
2083	400058	MBMS - UE Conformance Testing	MBMSE_UEConTest	1	Rel-7	R5	01/06/2007	04/12/2009	100%	not applicable	-			
2087	34038	MBMS User Service Extensions	MBMSUSE	1	Rel-7	S4	07/12/2005	07/06/2007	100%	SP-050838	Ericsson			
2088	31051	Advanced Global Navigation Satellite System (AGNSS) concept	LCS3-AGNSS	1	Rel-7	1,S2,GP,R2	28/06/2004	31/08/2007	100%	SP-040681	Alcatel			
2092	50581	A-GPS Minimum Performance	GAGR	1	Rel-7	G1,G3	28/04/2006	31/08/2007	100%	GP-060834	Spirent			
2093	31048	USSD message delivery and transfer to USIM	USSD-USIM	1	Rel-7	S1,C6	05/03/2004	12/08/2005	100%	SP-040104	Axalto			
2096	31063	Combinational Services	CSICS	1	Rel-7	1,S2,C1,S4	17/01/2005	06/03/2006	100%	SP-050228	TeliaSonera			
2101	31065	CAMEL Trunk Triggers	TTCAMEL	1	Rel-7	S1,C4	17/12/2004	05/12/2005	100%	SP-040743	Nortel			
2104	31088	IMS Service Brokering enhancements	ISB	1	Rel-7	S1	07/12/2005	13/03/2006	100%	SP-050830	Telcordia			
2106	11045	Enhancements of VGCS for public authority officials	EVGCS	1	Rel-7	1,C1,C4,G2	27/08/2004	15/06/2007	100%	SP-040304	-			
2112	11055	Improvements of VGCS for parallel use of services	IVGCS	1	Rel-7	S1	15/03/2005	15/03/2007	100%	SP-070167	-			
2118	31071	Open Service Access (OSA) Rel-7	OSA7	1	Rel-7	S1,C5	15/03/2005	08/06/2007	100%	SP-050183	AePONA			
2130	31053	Selective Disabling of UE Capabilities	SDoUE	1	Rel-7	S1,S2,C1	24/01/2005	15/06/2007	100%	SP-050182	Motorola			
2134	7041	Network selection enhancements (NSP)	NSP-CR	1	Rel-7	S1	15/03/2006	15/06/2007	100%	SP-060220	O2			
2137	25048	Network selection enhancements (NSP) - UE Conformance Testing	NSP-CR_UEConTest	1	Rel-7	R5	01/06/2007	05/12/2008	100%	RP-080135	Nokia			
2138	32064	Access Class Barring and Overload Protection	ACBOP	1	Rel-7	S2,C1	15/03/2004	08/09/2006	100%	SP-040338	Vodafone			
2144	32074	System enhancements for Fixed Broadband access to IMS	FBI	1	Rel-7	C3,C4,IETF	05/11/2003	09/12/2011	100%	SP-060145	-			
2157	32081	Support of SMS over generic 3GPP IP access	SMSIP	1	Rel-7	S2,C4,C1	14/10/2004	14/06/2007	100%	SP-060658	Huawei			
2163	32082	Evolution of Policy Control and Charging	PCC	1	Rel-7	2,S5,C3,C1	14/10/2004	30/11/2007	100%	SP-060217	Nokia			
2172	32091	Voice Call Continuity between CS and IMS (incl. I-WLAN)	VCC	1	Rel-7	1,S5,C1,C4	31/12/2004	15/06/2007	100%	SP-060292	Alcatel-Lucent			
2181	7046	One Tunnel solution for optimization of Packet Data Traffic	OPTUNEL	1	Rel-7	S2	27/03/2006	31/10/2007	100%	SP-060819	Nokia			
2185	320029	CSI Terminating Session handling	CSItermS	1	Rel-7	S2,C1	08/06/2006	15/06/2007	100%	SP-060437	Samsung			
2189	33022	Liberty Alliance and 3GPP Security Interworking	LibSec	1	Rel-7	S3	10/03/2005	30/11/2006	100%	SP-050145	Nokia			
2190	33023	Trust Requirements for Open Platforms in 3GPP	TrustOP	1	Rel-7	S3	03/01/2005	30/11/2006	100%	SP-040863	Nokia			
2191	33024	Development of UEA2 and UIA2	AlgUEA2	1	Rel-7	S3	01/12/2004	09/12/2005	100%	SP-040864	TeliaSonera			
2192	33026	Lawful Interception in the 3GPP Rel-7 architecture	LI-7A	1	Rel-7	S3	28/06/2005	08/12/2005	100%	SP-050237	BMW			
2193	33028	Key establishment between a UICC and a terminal	KeyEstUTerm	1	Rel-7	S3	07/12/2005	28/09/2006	100%	SP-050780	Gemalto			
2194	330008	NDS Authentication Framework Extension for Transport Layer Security	NDSAFTLS	1	Rel-7	S3	28/09/2006	06/12/2006	100%	SP-060507	Nokia			
2195	732030	Security enhancements	SEC7	1	Rel-7	S3,C1,C4	12/09/2005	30/11/2006	100%	-	-			

ID	Jnique_IC	Name	Acronym	utilin leve	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
2202	711052	IMS Stage 3 IETF Protocol Alignment	IMSProtoc	1	Rel-7	C1	10/12/2004	14/03/2007	100%	CP-060101	-			
2203	7043	Interoperability between VGCS/VBS and A/Gb flexibility	VGCSFlex	1	Rel-7	C1,C4	22/03/2006	09/03/2007	100%	CP-060102	Siemens			
2206	13023	DIAMETER on the GGSN Gi interface	DIAMGi	1	Rel-7	C3	10/09/2004	08/12/2006	100%	CP-060431	Vodafone			
2207	13022	DIAMETER on the PDG Wi interface	DIAMWi	1	Rel-7	C3	10/09/2004	08/12/2006	100%	CP-060432	Vodafone			
2208	13033	Interworking between the 3GPP CS domain with BICC or ISUP as signalling pro	ExtSIPI	1	Rel-7	C3	22/09/2006	22/07/2008	100%	CP-070101	Siemens			
2209	340047	PDU multiplexing at Nb Interface with IP transport	NblPMux	1	Rel-7	C3	04/12/2006	22/07/2008	100%	CP-070105	Alcatel-Lucent			
2210	14012	Mp (MRFC - MRFP) interface	Mp	1	Rel-7	C4,C1	13/02/2006	08/06/2007	100%	CP-070246	Ericsson			
2215	340016	Routeing of MT-SMS via the HPLMN	SMSviaH	1	Rel-7	C4,C1	01/12/2006	09/03/2007	100%	CP-070032	Vodafone			
2216	350003	Mobile Termination whilst the MS is moving to another MSC	MTmovMS	1	Rel-7	C4	09/03/2007	31/05/2007	100%	CP-070334	Alcatel-Lucent			
2217	743009	ISIM API for Java Card	APIJAVA	1	Rel-7	C6	14/03/2005	27/07/2007	100%	CP-050145	Sun			
2218	440042	Rel-7 (U)SIM API Testing (TS 31.213)	USIM_API_Test	1	Rel-7	C6	30/05/2009	19/03/2010	100%	CP-090450	Sagem Orga			
2219	330001	High speed interface between the UICC and the ME	HSI	1	Rel-7	C6	22/09/2006	30/11/2007	100%	CP-070259	Gemalto			
2220	34030	Video Codec Performance Requirements	VICPer	1	Rel-7	S4	03/01/2005	07/06/2007	100%	SP-040836	Siemens			
2221	34032	Dynamic and Interactive Multimedia Scenes	DIMS	1	Rel-7	S4	15/03/2005	07/06/2007	100%	SP-050195	Streamazzo			
2222	34034	3G-324M Video Telephony Call Setup Times Improvements	VTCSTI	1	Rel-7	S4	08/06/2005	27/09/2006	100%	SP-050404	Vodafone			
2223	34035	Optimizations for Multimedia Telephony over IMS	OMTIMS	1	Rel-7	S4	28/09/2005	28/09/2005	100%	SP-060226	Ericsson			
2225	34036	End-to-End Multimedia Services Performance Metrics	E2EMSPM	1	Rel-7	S4	28/09/2005	15/03/2007	100%	SP-050433	China Mobile			
2226	34039	Packet Switched Streaming Enhancements	PSSe	1	Rel-7	S4	08/06/2006	07/06/2007	100%	SP-060361	Ericsson			
2227	35041	Rel-7 Operations, Administration, Maintenance and Provisioning (OAM&P)	OAM7	1	Rel-7	S5	02/09/2005	26/06/2007	100%	TR 30.817	Huawei			
2255	320007	Rel-7 Charging Management small Enhancements	CH7	1	Rel-7	S5	22/05/2006	14/06/2007	100%	TR 30.817	Orange			
2258	2468	Multiple-Input Multiple-Output (MIMO) antennas	MIMO	1	Rel-7	R1,R5	14/03/2003	07/03/2008	100%	RP-030192	Alcatel-Lucent			
2265	20028	Rel-7 Improvements of the Radio Interface	RInimp	1	Rel-7	RP,GP	15/09/2004	04/06/2007	100%	-	-			
2280	25025	Rel-7 Improvements of the Radio Interface - UE Conformance Testing	RInimp-UEConTest	1	Rel-7	R5	11/11/2005	12/09/2008	100%	not applicable	-			
2289	20029	Rel-7 RAN improvements	RANimp	1	Rel-7	RP,S5	15/12/2004	15/06/2007	100%	-	-			
2304	25026	Rel-7 RAN improvements - UE Conformance Testing	RANimp-UEConTest	1	Rel-7	R5	20/09/2006	18/09/2009	100%	not applicable	-			
2311	20014	7.68 Mcps TDD option	VHCRD	1	Rel-7	2,R3,R4,R5	15/09/2004	14/09/2007	100%	RP-060119	IPwireless			
2318	20035	3.84 Mcps TDD Enhanced Uplink	EDCHTDD	1	Rel-7	RP	15/03/2005	15/09/2006	100%	RP-050100	IPwireless			
2324	20055	1.28 Mcps TDD Enhanced Uplink	LCRTDD-EDCH	1	Rel-7	2,R3,R4,R5	15/03/2006	12/09/2008	100%	RP-060202	CATT			
2330	490016	Conformance Test Aspects – Multiple Band and Multiple Frequency operation	LCRTDD_MB_MF_UI	1	Rel-7	R5	17/09/2010	16/09/2011	100%	RP-100805	CATR			
2331	50118	MS Antenna Performance Evaluation Method and Requirements	APEMR	1	Rel-7	GP	28/01/2005	16/11/2007	100%	GP-050284	TeliaSonera			
2332	50119	Lower 700 MHz Inclusion in the GERAN Specifications	GSM710	1	Rel-7	GP	03/01/2005	30/06/2006	100%	GP-050543	UTC			
2336	50564	Support of Conversational Services in A/Gb mode via the PS domain	SCSAGB	1	Rel-7	GP	08/04/2005	31/08/2007	100%	GP-061501	Ericsson			
2342	50565	Addition of new frequency band to GSM (T-GSM810)	TGSM810	1	Rel-7	GP	08/04/2005	31/08/2007	100%	GP-050945	Huawei			
2346	50567	Handover of dedicated and shared resources while in Dual Transfer Mode	HODSRDTM	1	Rel-7	GP	08/04/2005	17/11/2006	100%	GP-050979	Nokia			
2350	50569	Mobile Station Receive Diversity (DARP Phase II)	MSRD2	1	Rel-7	GP	11/11/2005	16/11/2007	100%	GP-061491	Nokia			
2355	50579	Downlink Dual Carrier	GDCDL	1	Rel-7	GP	20/01/2006	04/09/2009	100%	GP-061331	Siemens Networks			
2359	50580	Support of SIGTRAN in GERAN	GSIGT	1	Rel-7	GP	20/01/2006	30/06/2006	100%	GP-060450	Ericsson			
2360	50582	Latency Reductions	LATRED	1	Rel-7	GP	30/06/2006	31/08/2007	100%	GP-061519	Ericsson			
2363	52147	PS Handover between GERAN/UTRAN mode and GAN Mode	GUGAN	1	Rel-7	G2	30/06/2006	16/02/2007	100%	GP-061349	Ericsson			
2364	50584	Higher Uplink performance for GERAN Evolution	HUGE	1	Rel-7	GP	08/09/2006	20/05/2011	100%	GP-071083	Siemens, Ericsson			
2371	50121	REDuced symbol Duration, Higher Order modulation and Turbo coding (RED H	REDHOT	1	Rel-7	GP	17/11/2006	20/05/2011	100%	GP-071080	Siemens Networks, Marvell			
2376	60110	(Small) Technical Enhancements and Improvements for Rel-7	TEI7	1	Rel-7	All	26/03/2007	26/03/2007	100%	not applicable	-			
2377	25030	Test - (Small) Technical Enhancements and Improvements for Rel-7	TEI7_Test	1	Rel-7	R5	02/06/2006	28/11/2007	100%	not applicable	-			

ID	Jnique_IC	Name	Acronym	utilin leve	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
2378	32113	<i>Deleted - PS domain and IMS support for IMS Emergency sessions</i>	IMS-EMER	1	Rel-7	S2	23/06/2006	21/09/2006	100%	SP-050604	Nokia			
2381	32005	<i>Deleted - IMS Local services</i>	IMSLocal	1	Rel-7	S2	06/01/2006	06/01/2006	100%	-	-			
2384	32078	<i>Deleted - IMS Phase 3</i>	-	1	Rel-7	S2	06/01/2006	06/01/2006	100%	-	-			
2385	701216	<i>Deleted - Improvements of Radio Interface</i>	RInImp	1	Rel-7	RP	15/09/2004	15/09/2004	100%	RAN_WI	-			
2386	14018	<i>Deleted: Generic User Profile Phase 2</i>	-	1	Rel-7	C4	08/08/2005	30/06/2006	100%	-	-			
2387	42003	<i>Deleted - Stage 3 - Common objects</i>	-	1	Rel-7	C4	08/08/2005	30/06/2006	100%	TP-020275	-			
2388	0	Release 7 Studies	-	1	Rel-7	P,GP,RP,SP	28/06/2004	17/09/2007	100%	-	-			
2389	31082	Study on Multimedia Telephony Capabilities for IMS	MITE	1	Rel-7	S1	11/07/2005	31/07/2006	100%	SP-050387	Ericsson			
2390	31050	Study on Behaviour of Multi system UEs	BMSU	1	Rel-7	S1	28/06/2004	15/12/2005	100%	SP-050502	Qualcomm			
2391	31055	Study on Combining CS calls and IMS sessions	IRTSD-CS_IMS	1	Rel-7	S1	28/06/2004	17/03/2005	100%	SP-040467	TeliaSonera			
2392	31059	Study on All-IP Network	FS_AIPN	1	Rel-7	S1	28/06/2004	16/03/2005	100%	SP-040303	NTT DoCoMo			
2393	31075	Study on Videotelephony teleservice	VidTel	1	Rel-7	S1	01/03/2005	17/01/2006	100%	SP-050506	T-Mobile			
2394	31073	Study on Network Selection Principles	NetSel	1	Rel-7	S1	15/03/2005	08/12/2005	100%	SP-050227	O2			
2395	31041	Study on Multimedia Priority Service	PRIOR-MM	1	Rel-7	S1	28/03/2003	30/06/2006	100%	SP-060329	Telcordia			
2396	31083	Study on Transferring of emergency Call data	eCALL	1	Rel-7	S1	11/07/2005	31/03/2006	100%	SP-050388	Motorola			
2397	32073	Study on Enhancement of E2E QoS	QoS7	1	Rel-7	S2	28/06/2004	15/09/2005	100%	SP-040326	Huawei			
2398	35066	Study on SOAP/HTTP IRP Solution Sets	OAM7-NIM-XML	1	Rel-7	S5	02/09/2005	07/12/2006	100%	SP-050610	Nortel			
2399	35067	Study on Itf-N Implementation Conformance Statement (ICS) template	OAM7-NIM-ICS	1	Rel-7	S5	02/09/2005	15/03/2007	100%	SP-050609	China Mobile			
2400	35068	Study on IRP Information Model	OAM7-NIM-IM	1	Rel-7	S5	02/09/2005	15/03/2007	100%	SP-050611	Motorola			
2401	7034	Study on Bandwidth Saving at Nb Interface with IP transport	BSNblP	1	Rel-7	C3	10/03/2006	09/03/2007	100%	CP-060438	Siemens			
2402	14019	Study on Routeing of MT-SMS via the HPLMN	SMS7	1	Rel-7	C4	07/10/2005	01/12/2006	100%	CP-060701	Vodafone			
2403	7025	Study on the TCAPsec Gateway concept	SEC7-TCAP	1	Rel-7	C4	28/10/2005	10/03/2006	100%	CP-050687	Siemens			
2404	7050	Study on using M2PA in 3GPP network	FS-M2PA	1	Rel-7	C4	22/03/2006	08/06/2007	100%	CP-060698	China Mobile			
2405	320018	Study on Support of (G)MSC-S - (G)MSC-S Nc Interface based on the SIP-I prot	NcSIP	1	Rel-7	C4,C3	15/05/2006	14/09/2007	100%	CP-070034	Vodafone			
2408	20023	Study on Evolved UTRA and UTRAN	RANFS-Evo	1	Rel-7	RP	15/12/2004	15/09/2006	100%	RP-040461	NTT DoCoMo			
2409	20034	Study on Performance Evaluation of the UE behaviour in high speed trains with	RANFS-HSTrains	1	Rel-7	R4	15/03/2005	15/06/2006	100%	RP-050146	Vodafone			
2410	20041	Study on UTRA Tower Mounted Amplifier (FDD)	RANFS-TMA	1	Rel-7	R4	15/06/2005	14/03/2006	100%	RP-050387	Ericsson			
2411	20044	Study on Continuous connectivity for packet data users	RANFS-cont-packet	1	Rel-7	R1	15/03/2005	14/09/2005	100%	RP-050391	Siemens			
2412	20051	Study on Improvement of the Multimedia Broadcast Multicast Service (MBMS) i	RANFS-MBMSImp	1	Rel-7	R2	15/12/2005	15/12/2006	100%	RP-050746	LG Electronics			
2413	20052	Study on Performance Improvements in Small Cells using HSDPA/EDCH	SMALLCELLS	1	Rel-7	R4	15/12/2005	15/06/2006	100%	RP-050782	Cingular			
2414	20053	Study on Further Improved Performance Requirements for UMTS/HSDPA UE (F	RANFS-IC	1	Rel-7	R4	15/12/2005	04/06/2007	100%	RP-050880	Cingular			
2415	20065	Study on Scope of future FDD HSPA Evolution	RANFS-HSPA Evo	1	Rel-7	RP	15/03/2006	17/09/2007	100%	RP-060217	Cingular			
2416	330013	Study on Dynamically reconfiguring a FDD UE receiver to reduce power consur	FSUEPow	1	Rel-7	R4	22/06/2007	22/06/2007	100%	RP-060641	Nokia			
2417	50568	Study on Future GERAN Evolution	FGE	1	Rel-7	GP	08/04/2005	16/02/2007	100%	GP-051052	Nokia			
2418	50120	Study on GAN Enhancements	EGAN	1	Rel-7	GP	31/08/2007	31/08/2007	100%	GP-062298	T-Mobile			
2419	31054	<i>Deleted - Study on IMS with real time services deployment</i>	IRTSD	1	Rel-7	S1	28/06/2004	12/09/2005	100%	SP-040465	-			
2420	31077	<i>Deleted - Covered by SI - Personal Network (PN) and Personal Area Network (PAN)</i>	PNPAN	1	Rel-7	S1	08/12/2005	20/12/2005	100%	SP-050386	Vodafone			
2421	7011	<i>Deleted - Study on Personal Network and Personal Area Network</i>	PNPAN	1	Rel-7	S1	20/10/2006	20/10/2006	100%	-	-			
2422	31078	<i>Deleted - Covered by SI - Multimedia Telephony Capabilities for IMS</i>	MITE	1	Rel-7	S1	08/12/2005	20/12/2005	100%	SP-050387	Ericsson			
2423	31079	<i>Deleted - Covered by SI - Transferring of emergency Call data</i>	eCALL	1	Rel-7	S1	08/12/2005	08/12/2005	100%	SP-050388	Motorola			
2424	31080	<i>Deleted - Covered by SI - MBMS Enhancements</i>	MBMSE	1	Rel-7	S1	08/12/2005	08/12/2005	100%	SP-050389	China Mobile			
2425	31087	<i>Deleted - Study on Customised Alerting Tone (CAT) Requirements (was duplicated)</i>	CAT	1	Rel-7	S1	30/06/2006	30/06/2006	100%	SP-050607	-			
2426	320017	<i>Deleted - Study on LCS architecture for I-WLAN (covered by 32108)</i>	IMS-SE	1	Rel-7	S2	08/12/2006	08/12/2006	100%	-	LG Electronics			

ID	Jnique_IC	Name	Acronym	utlin leve	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
2427	732028	<i>Deleted - IMS security extensions (covered by UID33027)</i>	IMS-SE	1	Rel-7	S3	08/12/2005	08/12/2005	100%	SP-050395	Ericsson			
2428	32029	<i>Deleted - Study on applicability of GALILEO for LCS</i>	Galileo	1	Rel-7	S2	30/06/2005	30/06/2005	100%	SP-020541	-			
2431	32076	<i>Deleted - Study on Stage 2 (IMS services using CS bearers)</i>	IRTSD-IMSCS	1	Rel-7	S2	28/06/2004	12/09/2005	100%	SP-040479	Nortel			
2432	32099	<i>Deleted - VoIMS bearer related enhancements</i>	VoIMS	1	Rel-7	S2	21/07/2006	21/07/2006	100%	-	-			
2434	32112	<i>Deleted - Study on IMS enhancements and optimizations for real time communication.</i>	IMS-RT	1	Rel-7	S2	10/10/2005	01/06/2007	100%	SP-050492	Ericsson			
2435	32117	<i>Deleted - Study on Terminating Session handling</i>	CSItem	1	Rel-7	S2	09/01/2006	29/12/2006	100%	SP-050811	Samsung			
2436	34040	<i>Deleted - Study on Transferring of emergency call data – in-band modem solution (moved to Rel-8)</i>	eCALLIBMS	1	Rel-7	S4	22/06/2007	22/06/2007	100%	SP-060935	Airbiqity			
2437	35045	<i>Deleted - Study on IRP usage scenarios</i>	OAM-Study	1	Rel-7	S5	02/09/2005	07/12/2006	100%	SP-050303	Lucent			
2438	360009	<i>Deleted - Study on Interference Cancellation for UTRA FDD UE (covered by UID 20053)</i>	RANFS-InterfCanc	1	Rel-7	R4	28/03/2007	28/03/2007	100%	-	-			
2439	50552	<i>Deleted - Study on enhanced support of Video Telephony</i>	VIDGER	1	Rel-7	GP	30/06/2006	30/06/2006	100%	GP-042221	Ericsson			
2440	0	Release 6 Features	-	1	Rel-6	3, RP, SP, TP	28/06/2002	30/12/2005	100%	-	-			
2441	1216	Rel-6 Improvements of Radio Interface	RInimp	1	Rel-6	R2,R4,R5	14/08/2000	01/12/2006	100%	RAN WI	-			
2455	3	Rel-6 RAN Feasibility Studies	-	1	Rel-6	RP	14/08/2000	14/03/2005	100%	RAN WI History	-			
2466	20003	FDD Enhanced Uplink	EDCH	1	Rel-6	1,R3,R4,R5	15/03/2004	14/09/2007	100%	RAN WI	Ericsson			
2473	9	Rel-6 RAN improvements	RANimp	1	Rel-6	RP,S5	09/09/2002	14/03/2005	100%	RAN WI	-			
2487	32023	Location Services enhancements 2	LCS2	1	Rel-6	R4,R5,OMA	15/01/2001	16/12/2004	100%	SP-030127	Nokia			
2510	1571	Rel-6 Security enhancements	SEC1	1	Rel-6	S3	03/01/2001	26/11/2004	100%	SP-000421	Vodafone			
2517	33020	Network Domain Security; MAP application layer security (NDS/MAPsec)	MAPSEC	1	Rel-6	S3	06/07/2004	29/12/2004	100%	SP-040280	Vodafone			
2518	32021	IMS Phase 2	IMS2	1	Rel-6	3,S5,NP,R5	28/08/2000	14/09/2007	100%	-	-			
2553	32063	3GPP Enablers for services like Push to Talk over Cellular (PoC)	PoC	1	Rel-6	S2,S4,S5	08/09/2003	09/06/2005	100%	SP-030384	Ericsson			
2558	32062	Study on Interworking aspects and migration scenarios for IPv4 based IMS Imp	IPv4IMS	1	Rel-6	S2	08/09/2003	25/06/2004	100%	SP-040327	Siemens			
2559	11032	Interoperability and Commonality between IMS using different IP-connectivity M	IMSCOOP	1	Rel-6	S2	16/09/2002	12/12/2003	100%	-	-			
2563	1365	Support of Push Services	PUSH	1	Rel-6	S1	03/01/2001	27/02/2004	100%	SP-000669	NTT Comware			
2566	42009	Rel-6 Multimedia Messaging (MMS) enhancements	MMS6	1	Rel-6	S4,S5,OMA	15/08/2002	07/12/2005	100%	TP-030175	Siemens			
2575	42005	Rel-6 MExE enhancements	MEXE6	1	Rel-6	T2	08/03/2002	06/06/2003	100%	-	-			
2578	2062	Subscription Management	SuM	1	Rel-6	S5	20/09/2002	17/03/2005	100%	SP-040763	T-Mobile			
2579	2499	Presence Capability	PRESNC	1	Rel-6	N3,N4,OMA	19/03/2001	07/12/2005	100%	SP-010064	Motorola			
2587	50056	Enhanced A/Gb feasibility study	AGbEnFS	1	Rel-6	GP	30/08/2002	08/11/2002	100%	GP-022565	Vodafone			
2595	50063	Flexible Layer One for GERAN	FLOGER	1	Rel-6	GP,S3	03/01/2000	25/06/2004	100%	GP-021018	Nokia			
2613	50041	Uplink TDOA feasibility study	TDOAF	1	Rel-6	GP	30/11/2001	28/06/2002	100%	GP-012794	TruePosition			
2614	2544	Multimedia Broadcast and Multicast Service	MBMS	1	Rel-6	G2,G3new	11/05/2001	07/03/2008	100%	-	-			
2649	31006	Speech Recognition and Speech Enabled Services	SRSES	1	Rel-6	S1	08/10/2001	30/12/2005	100%	SP-010572	-			
2655	31008	Generic User Profile Rel-6	GUP	1	Rel-6	S1,S3	08/10/2001	03/03/2005	100%	SP-040515	-			
2661	31010	Digital Rights Management	DRM	1	Rel-6	S1	08/10/2001	28/05/2004	100%	SP-010577	-			
2667	31012	WLAN-UMTS Interworking Rel-6	WLAN	1	Rel-6	I1,N3,N4,T3	03/01/2000	22/09/2005	100%	SP-030712	Telenor			
2678	31015	Priority Service	PRIOR1	1	Rel-6	S1	30/05/2002	26/09/2003	100%	SP-010523	Telcordia			
2682	31018	Network Sharing	NTShar	1	Rel-6	2,N1,R2,R5	20/01/2003	10/03/2006	100%	SP-010739	T-Mobile			
2689	32016	QoS Improvements	QoS1	1	Rel-6	S2,N3	15/07/2002	08/12/2004	100%	SP-010719	Nokia			
2693	33002	Subscriber certificates	SEC1-SC	1	Rel-6	N4,T3,OMA	25/02/2002	08/12/2004	100%	SP-010622	Nokia			
2699	15010	Rel-6 Open Service Access (OSA) enhancements	OSA3	1	Rel-6	N5	31/10/2002	10/03/2005	100%	NP-040351	Alcatel			
2710	50401	Addition of frequency bands to GSM (TAPS)	TAPS	1	Rel-6	GP	28/06/2002	28/01/2005	100%	GP-022072	Nokia			
2715	50130	Seamless support of streaming services in A/Gb mode	SSStrea	1	Rel-6	GP,S3	03/01/2000	17/06/2005	100%	GP-022561	Vodafone			
2730	34300	Performance characterisation of default codecs for PS conversational multimed	CODCAR	1	Rel-6	S4	13/09/2002	10/06/2004	100%	SP-020433	Nokia			

ID	Jnique_IC	Name	Acronym	utlin_lev	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
2731	31030	Study on Privacy Capability	PrivCap	1	Rel-6	S1	10/11/2003	03/03/2004	100%	SP-020579	Lucent			
2732	35010	Rel-6 Operations, Administration, Maintenance and Provisioning (OAM&P)	OAM	1	Rel-6	S5	12/09/2002	11/03/2005	100%	SP-040766	-			
2740	35016	Rel-6 Charging Management	CH	1	Rel-6	S5	21/11/2002	09/06/2005	100%	SP-040773	T-Mobile			
2758	1800	Rel-6 UICC/USIM enhancements and interworking	USAT1	1	Rel-6	T3	25/09/2000	10/03/2005	100%	-	-			
2769	34022	Packet Switched Streaming Services Rel-6	PSSrel6	1	Rel-6	S4,S1	18/11/2002	07/12/2005	100%	SP-020685	Ericsson			
2772	34023	AMR-WB extension for high audio quality	AMRWB+	1	Rel-6	S4	13/12/2002	07/12/2005	100%	SP-030083	Nokia			
2773	34027	Codec Enhancements for Packet Switched Conversational Multimedia Applicat	CEPSCM	1	Rel-6	S4	16/03/2004	16/12/2004	100%	SP-040066	Nokia			
2774	34028	3G-324M Improvements	3G-324MI	1	Rel-6	S4	16/03/2004	16/12/2004	100%	SP-040067	Ericsson			
2775	51101	Single Antenna Receiver Interference Cancellation (SAIC)	SAIC	1	Rel-6	GP,G1	15/11/2002	25/06/2004	100%	GP-023400	Cingular			
2776	12006	Enhancement of dialled service for CAMEL	EDCAMEL	1	Rel-6	S1,N2,N4	28/03/2003	31/12/2003	100%	SP-020818	Samsung			
2778	32060	Study on Bandwidth and resource savings in CS networks	BARS	1	Rel-6	S2	01/06/2002	16/06/2004	100%	SP-030308	-			
2779	50600	Multiple TBF in A/Gb mode	MULTBF	1	Rel-6	GP,G2	05/04/2002	28/01/2005	100%	GP-021263	Ericsson			
2785	50096	Alignment between the test-regimes for GERAN capable MS	ALTERE	1	Rel-6	G3new	29/08/2003	02/09/2005	100%	GP-032236	Ericsson			
2787	50444	Addition of U-TDOA in the CS domain	UTDOACS	1	Rel-6	GP	21/11/2003	23/04/2004	100%	GP-032773	TruePosition			
2788	50445	Addition of U-TDOA in the PS domain	UTDOAPS	1	Rel-6	GP	27/06/2003	12/11/2004	100%	GP-032774	TruePosition			
2789	50101	Downlink Advanced Receiver Performance	DARP	1	Rel-6	GP	21/11/2003	02/09/2005	100%	GP-041966	Nokia			
2799	50109	Reduction of PS service interruption in Dual Transfer Mode	PSintDTM	1	Rel-6	G2	21/11/2003	24/06/2005	100%	GP-032548	Siemens			
2805	12008	CAMEL prepay interworking with SCUDIF	SCCAMEL	1	Rel-6	N4,N3,S1	08/12/2003	05/10/2004	100%	NP-030584	Nokia			
2806	31046	Circuit Switched Video and Voice Service Improvements	CS_VSS	1	Rel-6	S2,N1	12/01/2004	02/09/2005	100%	SP-040331	Vodafone			
2813	13024	Reorganisation of CS Data Specifications	CS Data	1	Rel-6	N3	19/11/2004	08/12/2004	100%	NP-040563	Siemens			
2814	50553	Generic Access to A/Gb Interface (GAAI)	GAAI	1	Rel-6	GP	25/06/2004	20/01/2006	100%	GP-042247	Motorola			
2819	50559	Support of PS Handover for GERAN A/Gb mode	SPSHAGB	1	Rel-6	GP,G2	03/11/2003	24/08/2005	100%	GP-051160	Ericsson			
2823	33018	Study on (U)SIM Security Reuse by Peripheral Devices on Local Interfaces	-	1	Rel-6	S3	03/07/2003	26/12/2003	100%	SP-030341	Toshiba			
2824	33021	Study on Security for early IMS	SEC-IMS	1	Rel-6	S3	01/10/2004	28/03/2005	100%	SP-040691	Vodafone			
2825	60111	(Small) Technical Enhancements and Improvements for Rel-6	TEI6	1	Rel-6	All	02/06/2006	02/06/2006	100%	-	-			
2826	25019	Test - (Small) Technical Enhancements and Improvements for Rel-6	TEI6_Test	1	Rel-6	R5,T1	02/06/2006	06/05/2008	100%	RAN5_WI	-			
2827	31029	<i>Deleted - Study of Feature Interactions Requirements</i>	FINTER	1	Rel-6	S1	16/09/2004	16/09/2004	100%	SP-020578	-			
2828	50563	<i>Deleted - Enhancements of VGCS in public networks for communication of public authority officials</i>	EVGCS	1	Rel-6	GP,G2	24/08/2005	02/09/2005	100%	GP-041837	Siemens			
2829	50500	<i>Deleted - Support of Conversational Services in A/Gb mode via the PS domain</i>	SCSAGB	1	Rel-6	GP,N1	21/11/2003	19/02/2004	100%	GP-030443	Ericsson			
2836	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%	RAN_WI	Alcatel			
2837	0	Release 5 Features	-	1	Rel-5	P, RP, SP, TP	30/03/2001	28/06/2002	100%	-	-			
2838	625	IP transport in the UTRAN	ETRAN-IPtrans	1	Rel-5	R3	17/07/2000	29/03/2002	100%	RAN_Wis	Alcatel			
2839	2455	FS on Usage of SUA	SS7IP	1	Rel-5	N4	12/03/2001	21/12/2001	100%	NP-010460	-			
2840	2476	High Speed Downlink Packet Access	HSDPA	1	Rel-5	R2,R5	02/04/2001	09/03/2007	100%	RAN_WI	Motorola			
2847	501216	Rel-5 Improvements of Radio Interface	RInImp	1	Rel-5	RP	14/08/2000	30/08/2002	100%	RAN_Wis	-			
2860	500009	Rel-5 RAN improvements	RANimp	1	Rel-5	RP	16/03/2001	09/03/2007	100%	RAN_Wis	-			
2878	23004	UTRAN Sharing in Connected Mode	NETSHARE	1	Rel-5	R3	03/12/2001	03/09/2002	100%	-	Ericsson			
2879	1273	Provisioning of IP-based multimedia services	IMS	1	Rel-5	IP,T3,T1,R5	03/01/2000	01/12/2006	100%	SP-000216	Openwave			
2955	34001	Extended Transparent End-to-End PS Streaming Service	PSS-E	1	Rel-5	S4	03/01/2002	17/03/2003	100%	SP-010392	Ericsson			
2960	501637	Rel-5 Open Service Access (OSA) enhancements	OSA1	1	Rel-5	S1,S3	27/04/1999	20/12/2002	100%	SP-000216	Siemens			
2989	1638	CAMEL phase 4	CAMEL4	1	Rel-5	S1	17/04/2000	06/09/2002	100%	NP-020486	Nokia			
3003	2464	Rel-5 MExE enhancements	MEXE5	1	Rel-5	T2	26/03/2001	08/03/2002	100%	-	-			
3005	1625	Wideband Telephony Service - AMR	AMRWB	1	Rel-5	S4	01/01/2000	19/12/2003	100%	SP-99354	Siemens			

ID	Jnique_IC	Name	Acronym	utlin_lev	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
3038	1826	Rel-5 Terminal interfaces	TI	1	Rel-5	T2	14/05/2001	20/03/2002	100%	-	-			
3040	1536	Rel-5 Location Services enhancements	LCS1	1	Rel-5	4,R2,R3,GP	03/04/2000	27/06/2003	100%	SP-010518	Nokia			
3075	501571	Rel-5 Security enhancements	-	1	Rel-5	S3	21/02/2000	28/06/2002	100%	SP-000421	Vodafone			
3084	2243	Intra Domain Connection of RAN Nodes to Multiple CN Nodes	IUFLEX	1	Rel-5	1,N4,R3,GP	02/10/2000	28/06/2002	100%	SP-000619	Ericsson			
3095	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%	GP-010909	-			
3099	501142	Rel-5 Charging Management & Operations, Administration, Maintenance and P	OAM	1	Rel-5	S5	10/09/2001	12/09/2002	100%	SP-010461	-			
3104	2392	GERAN enhancements for streaming services 1 (RLC enhancements)	-	1	Rel-5	GP	06/11/2000	28/06/2002	100%	GP-010429	-			
3107	2396	GERAN enhancements for streaming services 2 (usage of ECSD)	-	1	Rel-5	GP	06/11/2000	28/06/2002	100%	GP-010430	Ericsson			
3113	2412	GERAN/UTRAN interface evolution 1 (evolution of Iu PS)	GERUEV1	1	Rel-5	GP,R3	01/09/2000	28/06/2002	100%	GP-010481	SBC			
3117	2416	GERAN/UTRAN interface evolution 2 (evolution of Iu CS)	GERUEV2	1	Rel-5	GP,R3	01/09/2000	28/06/2002	100%	GP-010417	-			
3121	2556	End to End QoS for PS Domain including IMS	E2EQoS	1	Rel-5	S2,S5,N3	28/08/2000	28/06/2002	100%	SP-010343	Ericsson			
3125	2569	Rel-5 Messaging enhancements	MESS5	1	Rel-5	T2	15/06/2001	31/03/2003	100%	-	-			
3134	50001	GERAN Inter BSC NACC improvements over the Gb Interface	GERNACC	1	Rel-5	GP	03/09/2001	28/06/2002	100%	GP-012313	-			
3141	50033	Enhanced Power Control	EPC	1	Rel-5	GP	26/11/2001	19/12/2003	100%	GP-012748	-			
3145	50037	8PSK AMR HR	8PSK-AH	1	Rel-5	GP	10/12/2001	19/12/2003	100%	GP-012752	-			
3157	13000	Service Change and UDI Fallback	SCUDIF	1	Rel-5	N3	08/10/2001	07/06/2002	100%	NP-020164	Ericsson			
3158	501800	Rel-5 USIM toolkit enhancements	USAT1-Interpr	1	Rel-5	T3	05/06/2000	26/09/2003	100%	-	G & D			
3166	30001	(Small) Technical Enhancements and Improvements for Rel-5	TEI5	1	Rel-5	All	03/01/2000	03/01/2000	100%	-	-			
3167	25018	Test - (Small) Technical Enhancements and Improvements for Rel-5	TEI5_Test	1	Rel-5	R5,T1	03/01/2000	31/12/2008	100%	RAN5_WI	-			
3168	31013	Technical Report on UE Functionality Split	UESPLIT	1	Rel-5	S1	03/01/2000	01/05/2000	100%	SP-010484	Motorola			
3169	2520	User Equipment Management	UEM	1	Rel-5	S5	21/06/2001	28/06/2002	100%	SP-010286	Vodafone			
3171	50201	Flow control supporting an MS with multiple data flows with different QoS over	FlowCon	1	Rel-5	GP	24/06/2002	30/08/2002	100%	GP-021767	Ericsson			
3177	50058	<i>Deleted - Multiple TBF in A/Gb mode - Phase 1</i>	MULTBTF	1	Rel-5	GP	19/04/2002	28/11/2003	100%	GP-021263	Ericsson			
3184	2345	Alignment of 3G functional split and Iu	GER3GAL	1	Rel-5	GP	08/06/2000	19/12/2003	100%	GP-021256	Ericsson			
3231	2330	GERAN support for IMS	GERIMS	1	Rel-5	GP	01/05/2000	20/12/2002	100%	GP-010420	Nokia			
3243	54001	MS Conformance Testing of Dual Transfer Mode	MSCTDTM	1	Rel-5	G4,G5	11/11/2002	07/02/2003	100%	GP-023236	Vodafone			
3244	32033	Handling of early Ues	LATE_UE	1	Rel-5	S2	03/01/2000	27/06/2003	100%	SP-030125	-			
3249	0	Release 4 Features	-	1	Rel-4	P, RP, SP, TP	03/01/2000	30/03/2001	100%	-	-			
3250	1861	Miscellaneous UE Conformance Testing Activities	MISTST1	1	Rel-4	T1	02/04/2001	01/12/2004	100%	-	-			
3258	1340	Real Time Facsimile	FAX-RT	1	Rel-4	S1	22/02/2000	23/06/2000	100%	SP-000169	-			
3265	1539	Transparent End-to-End PS mobile streaming application	PSTREAM	1	Rel-4	S4	03/04/2000	21/03/2001	100%	SP-000345	-			
3266	1818	Multimedia Messaging	MMS	1	Rel-4	T2,S1	22/02/2000	14/03/2001	100%	TP-000078	Siemens			
3273	1541	Transcoder-Free Operation	TrFO	1	Rel-4	N4,S2,N1	03/01/2000	30/03/2001	100%	-	-			
3282	2310	GERAN improvements 1 (Gb over IP)	GEIMP1	1	Rel-4	GP	09/05/2000	19/03/2001	100%	GP-000433	-			
3286	2314	GERAN improvements 2 (NACC)	GEIMP2	1	Rel-4	GP	06/11/2000	10/06/2003	100%	GP-012812	-			
3295	2324	GERAN improvements 4 (Delayed TBF)	GEIMP4	1	Rel-4	GP	15/01/2001	08/06/2001	100%	GP-010363	-			
3302	1222	Low Chip Rate TDD option	LCRTDD	1	Rel-4	R1	19/07/2000	02/12/2003	100%	RAN_WI	CWTS			
3314	1322	Enable bearer independent CS architecture	CSSPLIT	1	Rel-4	S2,N3,N4	03/01/2000	01/03/2002	100%	SP-000288	Siemens			
3324	1445	MEEx enhancements Rel-4	MEXE	1	Rel-4	T2,S3	03/01/2000	14/12/2001	100%	TP-030052	-			
3332	1631	Tandem Free aspects for 3G and between 2G and 3G systems	TFO	1	Rel-4	S4	22/02/2000	15/06/2001	100%	-	-			
3338	2230	Advanced Speech Call Items enhancements_Rel-4	ASCI	1	Rel-4	N1	03/12/2000	14/03/2002	100%	NP-000730	Nortel			
3341	2403	700 MHz spectrum support	700SS	1	Rel-4	GP	03/01/2000	20/12/2002	100%	GP-000449	-			
3348	2463	Operator Determined Barring for Packet Oriented Services	ODB	1	Rel-4	NP	01/06/2000	19/03/2001	100%	NP-010089	NEC			

ID	Jnique_IC	Name	Acronym	utlin leve	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
3349	2546	UMTS QoS Architecture for PS Domain	QoSPS	1	Rel-4	2,S5,R3,GP	03/01/2000	27/11/2002	100%	SP-010342	Ericsson			
3368	1993	(Small) Technical Enhancements and Improvements for Rel-4	TEI4	1	Rel-4	All	03/01/2000	30/03/2001	100%	-	-			
3369	25017	Test - (Small) Technical Enhancements and Improvements for Rel-4	TEI4_Test	1	Rel-4	R5,T1	03/01/2000	30/03/2001	100%	RAN5_WI	-			
3370	400002	Rel-4 Evolutions of the transport in the UTRAN	ETRAN	1	Rel-4	RP	21/08/2000	23/08/2002	100%	RAN Wis	Alcatel			
3375	400004	Rel-4 Evolutions of the transport in the CN	CNTRSP	1	Rel-4	I4,N1,N2,S2	29/05/2000	23/03/2001	100%	-	-			
3383	401216	Rel-4 Improvements of Radio Interface	RInImp	1	Rel-4	RP	10/07/2000	14/03/2003	100%	RAN Wis	-			
3398	400009	Rel-4 RAN improvements	RANimp	1	Rel-4	RP	14/08/2000	17/03/2004	100%	RAN Wis	-			
3408	401652	Rel-4 Emergency call enhancements	EMC1	1	Rel-4	N1,S1,T1	03/01/2000	28/05/2002	100%	-	Ericsson			
3415	401826	Rel-4 Terminal interfaces	TI	1	Rel-4	T2	03/01/2000	15/03/2001	100%	-	-			
3421	401536	Rel-4 Location Services enhancements	LCS1	1	Rel-4	I1,N4,R3,R2	03/04/2000	28/12/2001	100%	SP-010518	Nokia			
3434	401560	Rel-4 UICC/(U)SIM enhancements and interworking	UICC1	1	Rel-4	T3	24/07/2000	23/03/2001	100%	-	-			
3436	401800	Rel-4 (U)SIM toolkit enhancements	USAT1-LocLnk	1	Rel-4	T3	05/06/2000	23/03/2001	100%	-	Gemplus			
3438	401571	Rel-4 Security enhancements	SEC1	1	Rel-4	S3,N4,N1	03/01/2000	15/03/2002	100%	SP-000421	Vodafone			
3449	401142	Rel-4 Charging and OAM&P	OAM	1	Rel-4	S5	01/12/2000	05/10/2001	100%	SP-010461	-			
3456	1517	Global Text Telephony	GTT	1	Rel-4	I2,S4,T1,R5	03/01/2000	18/09/2009	100%	SP-010340	Ericsson			
3463	0	Release 1999 Features	-	1	R99	SP,TP,SMG	01/01/1999	31/12/1999	100%	-	-			
3464	60150	UMTS Features	-	1	R99	I3,N3,N4,RP	01/01/1999	31/12/1999	100%	-	-			
3476	60151	UMTS and GSM Features	-	1	R99	I3,N4,R2,R3	01/01/1999	31/12/1999	100%	-	-			
3531	60152	GSM Features	-	1	R99	I1,N2,N3,N4	01/01/1999	31/12/1999	100%	-	-			
3555	60153	GSM Features transposed to UMTS	-	1	R99	I3,T2,N2,N4	01/01/1999	31/12/1999	100%	-	-			
3563	60154	Charging	CH	1	R99	S1,S5	01/01/1999	31/12/1999	100%	-	-			
3566	60155	Operations, Administration, Maintenance and Provisioning (OAM&P)	OAM	1	R99	S5	01/01/1999	31/12/1999	100%	SP-99581	-			
3572	60106	Vocabulary	Vocabulary	1	R99	S1	01/01/1999	31/12/1999	100%	-	-			
3573	60037	Emergency	Emergency	1	R99	S1	01/01/1999	31/12/1999	100%	-	-			
3574	60049	GSM General Bearer Services (GBS) and interworking scenarios support in UM	GSM_to_UMTS_Evol	1	R99	S1	01/01/1999	31/12/1999	100%	-	-			
3575	60043	GPRS_Mobile_IP_interworking	GPRS_Mobile_IP_int	1	R99	N3	01/01/1999	31/12/1999	100%	-	-			
3576	60046	GSM/UMTS interworking	2G3Ginterworking	1	R99	R3,S1,SMG	01/01/1999	31/12/1999	100%	-	-			
3577	60050	Handover	Handover	1	R99	2,N1,N2,N4	01/01/1999	31/12/1999	100%	-	-			
3578	60120	2G3Ghandover	2G3Ghandover	1	R99	SMG2	01/01/1999	31/12/1999	100%	-	-			
3579	60088	Service Provider Name Indication	SPANME	1	R99	S1	01/01/1999	31/12/1999	100%	-	-			
3580	60026	Data & Data_CleanUp	Data, Data_CleanUp	1	R99	SMG1	01/01/1999	31/12/1999	100%	-	-			
3581	60125	Unstructured Supplementary Service Data	USSD	1	R99	SMG1,N4	01/01/1999	31/12/1999	100%	-	-			
3582	60126	Man-Machine Interface (MMI) of the User Equipment (UE)	MMI	1	R99	S1	01/01/1999	31/12/1999	100%	-	-			
3583	60127	Network Identity and Timezone (NITZ)	NITZ	1	R99	MG1,SMG3	01/01/1999	31/12/1999	100%	-	-			
3584	60128	Deleted - Operator Determined Barring for Packet Oriented Services	ODB_Enh.	1	R99	S1	01/01/1999	31/12/1999	100%	-	-			
3585	60068	Packet Flow Management	Packet_Flow_Manag	1	R99	SMG2	01/01/1999	31/12/1999	100%	-	-			
3586	60044	GPRS_Point-To-Multipoint Group call	GPRS_PTMG	1	R99	SMG1	01/01/1999	31/12/1999	100%	-	-			
3587	60156	Call Forwarding	-	1	R99	MG1,N2,N4	01/01/1999	31/12/1999	100%	-	-			
3591	60157	Quality of Service	-	1	R99	2,N1,N2,N4	01/01/1999	31/12/1999	100%	-	-			
3596	60129	Support of Localised Service Area	SoLSA	1	R99	3,SMG7,N2	01/01/1999	31/12/1999	100%	-	-			
3597	60100	Transcoder_location	Transcoder_location	1	R99	S2	01/01/1999	31/12/1999	100%	-	-			
3598	60113	Antenna_test_methods	Antenna_test_method	1	R99	SMG2	01/01/1999	31/12/1999	100%	-	-			
3599	60107	WBAMR / high quality speech in UMTS Phase 1 but not in R99	WBAMR	1	R99	S1	01/01/1999	31/12/1999	100%	-	-			

ID	Jnique_IC	Name	Acronym	utlin eve	Release	Resource Names	Start	Finish	% Complet	Hyperlink	WI rapporteur name	Qtr 1, 2013		
												Jan	Mar	May
3600	60138	Codec	-	1	R99	S4	01/01/1999	31/12/1999	100%	-	-			
3607	60143	Advanced Speech Call Items enhancements	ASCI	1	R99	I1,N4,S1,T2	01/01/1999	31/12/1999	100%	-	-			
3608	60009	Call Control improvements	CC_Related_items	1	R99	N1	01/01/1999	31/12/1999	100%	-	-			
3609	60059	Multimedia	Multimedia	1	R99	N1,N3	01/01/1999	31/12/1999	100%	-	-			
3610	60089	Sub-System Number allocation for RANAP, RNSAP	SSN_allocation	1	R99	N2	01/01/1999	31/12/1999	100%	-	-			
3611	60053	Intranet / ISP access with DHCP end-to-end	ISPaccess	1	R99	N3	01/01/1999	31/12/1999	100%	-	-			
3612	60072	Point_to_Multipoint_Services	Point_to_Multipoint_S	1	R99	N3	01/01/1999	31/12/1999	100%	-	-			
3613	60146	Facsimile	FAX	1	R99	S1	01/01/1999	31/12/1999	100%	-	-			
3614	60081	Realtime_NT_FAX_in_UMTS	Realtime_NT_FAX_in	1	R99	N3	01/01/1999	31/12/1999	100%	-	-			
3615	60042	Gateway Location Register (GLR) - Mobile Application Part (MAP) specification	GLR	1	R99	N4	01/01/1999	31/12/1999	100%	-	-			
3616	60056	Multiple Subscriber Profile phase 2	MSP2	1	R99	S1,N4	01/01/1999	31/12/1999	100%	-	-			
3617	60074	Prepaging	Prepaging	1	R99	N2,N4	01/01/1999	31/12/1999	100%	-	-			
3618	60148	Re-definition of channel quality measure used for AMR link adaptation for Dow	-	1	R99	SMG	01/01/1999	31/12/1999	100%	-	-			
3619	60051	Harmonized Standard	HS	1	R99	SMG2	01/01/1999	31/12/1999	100%	-	-			
3620	60090	Streamlining of specifications	Streamlining	1	R99	N3	01/01/1999	31/12/1999	100%	-	-			
3621	60079	R99_Service_Clean_up	R99_Service_Clean_	1	R99	N3	01/01/1999	31/12/1999	100%	-	-			
3622	60094	(Small) Technical Enhancements and Improvements for R99	TEI	1	R99	N3	01/01/1999	31/12/1999	100%	-	-			
3625	25016	R99 UE Conformance Testing	TEI_Test	1	R99	R5,T1	01/01/1999	31/12/1999	100%	-	-			
3633	60028	<i>Deleted - Dual Tone Multi-Frequency signalling : Support in the whole 3GPP system</i>	DTMF	1	R99	N1	01/01/1999	31/12/1999	100%	-	-			
3634	60052	<i>Deleted - Intersystem_Change</i>	Intersystem_Change	1	R99	SMG	01/01/1999	31/12/1999	100%	-	-			
3635	60054	<i>Deleted - Long_Forwardedto_Numbers</i>	Long_Forwardedto_	1	R99	N2	01/01/1999	31/12/1999	100%	-	-			
3636	60080	<i>Deleted - RANimp-FSEarlyUE</i>	RANimp-FSEarlyUE	1	R99	R3	01/01/1999	31/12/1999	100%	-	-			
3637	0	Release 1999 Studies	-	1	R99	S1,T2	01/01/1999	31/12/1999	100%	-	-			
3638	60061	Advanced Addressing/Numbering	Numbering	1	R99	S1	01/01/1999	31/12/1999	100%	-	Vodafone			
3639	60161	Combined GSM and Mobile IP mobility handling in UMTS IP CN	-	1	R99	S2	01/01/1999	31/12/1999	100%	SMG 98/0760	-			
3640	60101	UE Capabilities Requirements	UCR	1	R99	T2	01/01/1999	31/12/1999	100%	TP-000022	-			
3641	60158	Electrical safety requirements and regulations	-	1	R99	T2	01/01/1999	31/12/1999	100%	TP-000022	-			
3642	60159	Specific Absorbion Rate (SAR) requirements and regulations in different regio	-	1	R99	T2	01/01/1999	31/12/1999	100%	TP-000022	-			
3643	60160	Multi-mode UE issues	-	1	R99	T2	01/01/1999	31/12/1999	100%	TP-000022	-			
3644	60162	Provision of fax service in GSM and UMTS	-	1	R99	T2	01/01/1999	31/12/1999	100%	-	Ericsson			
3645	60163	Separating Radio Resources and Mobility Management specific parts of the MS	-	1	R99	T2	01/01/1999	31/12/1999	100%	-	-			

Project: 3GPP_Release-2000
Date: 19/03/2013

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			