

3GPP Work Plan – Cover page

Version 2005, March 9th

Introduction

This cover sheet contains 3 parts:

Part 1: Specific comments for this version

Part 2: General recurrent information

Part 3: History

The last version of the Work Plan and all the related documents (cover page, PDF views, etc) are available at:

ftp://ftp.3gpp.org/information/work_plan

For comments on a specific line, contact the MCC support for the WG or TSG responsible of the given task (to know who at MCC is responsible of a given WG or TSG, look at:

http://www.3gpp.org/About_3GPP/structure.htm).

For comment on a Feature, contact the feature's responsible MCC support.

For general comments, contact the Work Plan manager at: alain.sultan@etsi.org , mentioning in the e-mail subject "General comment on the Work Plan".

Specific comments for this version

Main changes between versions 13 January and 9th March 2005

Updates from the following groups have been incorporated:

CN1, CN3, CN4, CN5

SA1, SA2, SA4, SA5

GERAN

Detailed changes

The detailed changes are provided in the "notes" field of the modified WIs.

General recurrent information

This paragraph contains recurrent information provided to the reader not familiar with the 3GPP Work Plan.

General description

The Work Plan is a living document, aiming at providing co-operations between all the 3GPP TSGs and WGs to help them reaching common targets.

These targets are called “**Features**”, and are new or substantially enhanced functionality which represents added value to the existing system. A feature should normally embody an improved service to the customer and / or increased revenue generation potential to the supplier. The features are divided into “**Building Blocks**”, a BB being a set of technical functionality which would generally be expected to reside in a single system element, i.e. a single physical or logical entity or a single protocol. The Building Blocks are divided into “**Work Tasks**”, a WT being by definition handled by a single Working Group. The output of a work task is the creation of one or more new Technical Specifications (or Reports) and / or Change Requests to existing TSs / TRs.

These definitions are extracted from SP-000109.

This tree structure is established to ease the monitoring of the 3GPP work progress for R00, and to make explicit the purpose of the work assigned to one WG in the global system.

A **Work item** is a generic term to refer to a *feature, building block or work task*, i.e. all the lines of the Work Plan are work items. A full description of the a work item can be found in the 3GPP Working Procedures, available at http://www.3gpp.org/About_3GPP/3gpp_wp.zip.

The Work Plan is provided in the form of a Gantt chart: the left part contains the names and attributes of the Work Items, the right part contains a calendar view reflecting the work progress (blue and grey lines apply to foreseen tasks, black lines for completed tasks).

The indentation of WI names reflects the hierarchical level in the tree structure (Features, Building Blocks, and Work Tasks).

A "Tracking Gantt" is used. This means that below each Gantt line (horizontal blue line in the right part of the document), there is a thin horizontal black line showing the previously foreseen start and end dates. This enables tracking the slipping of dates. This is reset after each plenary.

Attributes applicable to a WI

From the Work Plan perspective, a WI is fully characterised by the following set of attributes:

1. Unique ID
2. Name
3. Release (based on the completion date). It applies to non-splitable features. If the feature is splitable, it applies to each individual Building Block composing the feature, provided that the Building Blocks are non-splitable. It does not apply to Feasibility Studies, Testing nor Charging Activities.
4. Splitable: defines whether the WI has to be considered as a single block or if it can be realised onto different releases
5. Acronym
6. Resource name: defines the responsible WG or TSG
7. Modified (see next section)
8. Modified since last TSG (see next section)
9. Start
10. Finish
11. % completed
12. Impacted TS and TR
13. Approval Level: MCC<CHAIR<WG<TSG. Each level can delete the proposal from the levels below. Only TSG Approved Wis are officially approved. All the other Wis are proposals, more or less stable according to the approval level.
14. Last modif, containing the date of the last modification. Note: this field has been recently added. The value has been initialised to April, 1st.
15. Hyperlink (to the proposed/approved WI coversheet)
16. WI rapporteur name

17. WI rapporteur e-mail
18. MCC responsible: defines who in MCC is responsible in monitoring the overall Feature.
19. Notes (free field).

The fields Start, Finish and % completed are calculated for summary tasks.
For better readability, only some of these attributes are shown in the PDF views.

How the changes on the Work Plan are tracked?

The changes are tracked at two level: a global one, stressing out the overall changes of the Work Plan, and a more detailed one, making use of the “notes” field.

Global level

The global level is a text of some paragraphs listing the main changes. For readability reasons, the global level is not part of the MS Project Work Plan but is contained in this present Work Plan cover page.

The global level shall at least:

- Report creation and deletion of Features and Building Blocks. It is not requested to mention the creation and deletion of Work Tasks (but this can be done if judged relevant by the MCC responsible person).

The global level is updated before each set of plenary meetings.

Detailed level

The detailed level is a set of comments provided in the “notes” field text of each modified WI (a WI is identified by its Unique ID).

Even at the “detailed level”, not all the modifications have to be mentioned: some fields are by nature subject to constant updates (e.g. “% completed”), so it would be a waste of time to keep track of these changes.

The fields subject to change tracking are the following ones:

- Name
- Release
- Early (defines whether the WI is subject to early implementation, as defined in SP-040235)
- Acronym
- Resource name (defines the responsible WG or TSG)
- Finish date

The other ones -listed below- are not subject of change tracking. Change tracking on these ones is up to the MCC responsible person. These are:

- % completed
- Impacted TS and TR
- Level of Approval (not yet approved<WG<TSG).
- Hyperlink (to the proposed/approved WI coversheet)
- WI rapporteur name
- WI rapporteur e-mail
- MCC responsible: defines who in MCC is responsible in monitoring the overall Feature.
- Notes (free field).
- Start date
- last modif: provides the date of the latest modification of the WI.

History

This section is reset after each plenary meeting.

Content of this package:

1) Master:

Work_Plan_3GPP_Rel6_050309_MSP98.mpp Work Plan in MS Project 98
format (contains all WI attributes and Gantt view)

Work_Plan_3GPP_Rel6_050309.mpp Work Plan in MS Project 2000 format
(contains all WI attributes and Gantt view)

2) Cover page:

Work_plan_cover_050309.doc Cover page - contains explanations and
informations on last changes

3) Work Plan in different formats, useful if you don't have MS Project:

Work_Plan_3GPP_Rel6_050309.xls Work Plan in Excel format (contains
most of the WI attributes but not the Gantt chart)

Work_Plan_3GPP_Rel6_050309.pdf PDF view of the Work Plan (shows Gantt
Chart)

ID	Unique_ID	Name	Release	Early	Resource Names	Modific	Acronym	Level of Approva	Qtr 3, 2004			Qtr 1, 2005			Qtr 3, 200		
									Mar	May	Jul	Sep	Nov	Jan	Mar	May	Jul
1	2044	VERSION 2005 March 9th		No		No											
2	1462	"CTRL + a" to display all the 3GPP fields		No		No											
3	2058	Content of Rel-6 and Rel-7. Not frozen.		No		No											
4	0			No		No											
5	2	Rel-6 Evolutions of the transport in the U	Rel-6	No	RP	No	ETRAN	TSG									
6	1216	Rel-6 Improvements of Radio Interface	Rel-6	No	RP	No	RInImp	TSG									
7	24006	Improving Receiver Performance Require	Rel-6	No	R4	No	RInImp-UERecPerf	TSG									
8	24004	Base station classification	Rel-6	No	R4	No	RInImp-BSCClass	TSG									
9	1476	FDD Base station classification	Rel-6	No	R4	No	RInImp-BSCClass-FDI	TSG									
10	24007	UMTS-850	Rel-6	No	R4	No	RInImp-UMTS850	TSG									
11	24009	DS-CDMA introduction in the 800 MHz ba	Rel-6	No	R4	No	RInImp-UMTS800	TSG									
12	24010	UMTS 1.7/2.1 GHz	Rel-6	No	R4	No	RInImp-UMTS1721	TSG									
13	24013	Improved Receiver Performance Requirer	Rel-6	No	R4	No	RInImp-HSPerf	TSG									
14	20011	Improved Minimum Performance Requirements fo	Rel-6	No	R4	No	RInImp-HSPerf-10co	TSG									
15	24014	Performance Requirements of Receive Diversity fr	Rel-6	No	R4	No	RInImp-HSPerf-RxDi	TSG									
16	3	Rel-6 RAN Feasibility Studies	Rel-6	No	RP	No											
17	23007	FS of the improved access to UE measur	Rel-6	No	R3	No	RANimp-RRMopt-FS	TSG									
18	1506	FS on Radio link performance enhanceme	Rel-6	No	R1	No	RInImp-Rlperf	TSG									
19	21000	FS on Improvement of inter-frequency an	Rel-6	No	R1	No	RInImp-IfIsMLCR	TSG									
20	21003	FS for the analysis of OFDM for UTRAN e	Rel-6	No	R1	No	RInImp-FSOFDM	TSG									
21	21004	FS on Uplink Enhancements for Dedicate	Rel-6	No	R1	No	RInImp-FSUpDTrCh	TSG									
22	21005	FS on Analysis on Higher Chip Rates for l	Rel-6	No	R1	No	RInImp-FSVHCRTEI	TSG									
23	24011	FS on Low Output Powers for general pur	Rel-6	No	R3	No	RInImp-FSLoPw	TSG									
24	21007	FS on Uplink enhancements for UTRA TD	Rel-6	No	R1	No	RInImp-FSUpEnhTDI	TSG									
25	24005	FS on UE antenna efficiency test method	Rel-6	No	R4	No	RInImp-UEAnTM2	TSG									
26	23006	Deleted - FS on the evolution of the UTRA	Rel-6	No	R3	No	RANimp-FSEvo	TSG									
27	20003	FDD Enhanced Uplink	Rel-6	No	RP	No	EDCH	TSG									
28	20004	FDD Enhanced Uplink - Stage 2	Rel-6	No	R2	No	EDCH-Stage2	TSG									
29	20005	FDD Enhanced Uplink - Physical Layer	Rel-6	No	R1	No	EDCH-Phys	TSG									
30	20006	FDD Enhanced Uplink - Layer 2 and 3 Pro	Rel-6	No	R2	No	EDCH-L23	TSG									
31	20007	FDD Enhanced Uplink - UTRAN lub/lur Pr	Rel-6	No	R3	No	EDCH-lurIub	TSG									
32	20008	FDD Enhanced Uplink - RF Radio Transm	Rel-6	No	R4	No	EDCH-RF	TSG									
33	9	Rel-6 RAN improvements	Rel-6	No	RP	No	RANimp	TSG									
34	624	RAB support enhancement	Rel-6	No	R2	No	RANimp-RABSE	TSG									
35	23009	Iu enhancements for IMS support in RAN	Rel-6	No	R3	No	RANimp-RABSE-IuE	TSG									
36	21008	Optimisation of downlink channelisation code utilis	Rel-6	No	R1	No	RANimp-RABSE-Coc	TSG									
37	21009	Optimisation of channelisation code utilisation for :	Rel-6	No	R1	No	RANimp-RABSE-Coc	TSG									
38	20013	HS-DPCCH ACK/NACK Enhancement	Rel-6	No	R1	No	RANimp-RABSE-ACI	TSG									
39	23005	Deleted - Improvement of RRM across RNS and F	Rel-6	No	R3	No	RANimp-RRM1	TSG									
40	20999	Beamforming Enhancements	Rel-6	No	R1	No	RANimp-BFE	TSG									

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										Mar	May	Jul	Sep	Nov	Jan	Mar	May
41	✓	23012	Rel6 RRM optimization for lur and lub	Rel-6	No	R3	No	RANimp-RRMopt	TSG								
42	✓	23014	Improved access to UE measurement data for CR	Rel-6	No	R3	No	RANimp-RRMopt-UE	TSG								
43	✓	23010	Remote Control of Electrical Tilting Anten	Rel-6	No	R3	No	RANimp-TiltAnt	TSG								
44	✓	23015	Tilting Antenna - RAN aspects	Rel-6	No	R3	No	RANimp-TiltAnt	TSG								
45	✓	35023	OAM&P impacts	Rel-6	No	S5	No	RANimp-TiltAnt-OAM	WG								
46	✓	23011	Network Assisted Cell Change (NACC) frc	Rel-6	No	R3	No	RANimp-NACC	TSG								
47	✓	32023	Location Services enhancements 2	Rel-6	No	S2	No	LCS2	TSG								
48	✓	32024	Improvement on Le interface	Rel-6	No	S2	No		TSG								
49	✓	32051	Stage 2	Rel-6	No	S2	No										
50	✓	32053	Stage 3 - impacts MLP (Mobile Location Protocol)	Rel-6	No	OMA	No										
51	✓	32001	Enhanced support for anonymity and use	Rel-6	No	S2	No		TSG								
52	✓	32047	Stage 2	Rel-6	No	S2	No										
53	✓	32054	Stage 3 - impacts MLP and RLP	Rel-6	No	OMA	No										
54	✓	32025	Enhanced inter-GMLC interface	Rel-6	No	S2	No		TSG								
55	✓	32048	Stage 2	Rel-6	No	S2	No										
56	✓	32055	Stage 3 - definition of RLP and PCP	Rel-6	No	OMA	No										
57	✓	32012	Location Services support for IMS public	Rel-6	No	S2	No		TSG								
58	✓	32049	Stage 2	Rel-6	No	S2	No										
59	✓	32056	Stage 3 - impacts MLP, RLP and PCP	Rel-6	No	OMA	No										
60	✓	32026	New area event for location service trigge	Rel-6	No	S2	No		TSG								
61	✓	32050	Stage 2	Rel-6	No	S2	No										
62	✓	14015	Stage 3 for UE-CN signalling	Rel-6	No	N4	No										
63	✓	32057	Stage 3 - impacts MLP, RLP and PCP	Rel-6	No	OMA	No										
64	✓	20001	UE positioning	Rel-6	No	RP	No	LCS2-UEpos	TSG								
65	✓	2475	Open SMLC-SRNC Interface within the UTRAN to	Rel-6	No	R2	No	LCS-Rel4Pos	TSG								
66	✓	24012	A-GPS minimum performance specification	Rel-6	No	R4	No	LCS-UEPos-AGPSPt	TSG								
67	✓	22002	FS on Enhancements to OTDOA Positioning usinç	Rel-6	No	R2	No	LCS2-UEpos-FSBlan	TSG								
68	✓	2457	<i>Deleted - UE positioning enhancements - other m</i>	Rel-6	No	R2	No	LCS2-UEpos-enh									
69	✓	35035	LCS charging	Rel-6	No	S5	No	LCS2-CH	TSG								
70	✓	1571	Rel-6 Security enhancements	Rel-6	No	S3	No	SEC1	TSG								
71	✓	2026	Enhanced HE control of security (includir	Rel-6	No	S3	No										
72	✓	2027	Stage 2	Rel-6	No	S3	No										
73	✓	33006	Network domain security	Rel-6	No	S3	No	SEC1-NDS	TSG								
74	✓	33007	IP network layer security (NDS/IP)	Rel-6	No	S3	No	SEC1-NDS-IP	WG								
75	✓	33017	Network Domain Security; Authentication	Rel-6	No	S3	No	SEC1-NDS-AF	TSG								
76	✓	33019	Key Management of group keys for Voice	Rel-6	No	S3	No	SEC1-KM	TSG								
77	✓	32021	IMS Phase 2	Rel-6	No	S1	No	IMS2	TSG								
78	✓	14014	Enhancements to the Cx and Sh interface	Rel-6	No	N4	Yes	IMS2-CCR	WG								
79	✓	31025	IMS Group Management	Rel-6	No	S1	No	IMSGM	TSG								
80	✓	31026	Stage 1 - TS on IMS group management	Rel-6	No	S1	No		TSG								

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									Mar	May	Jul	Sep	Nov	Jan	Mar	May	Jul	
81	32036	Stage 2	Rel-6	No	S2	No												
82	11036	Stage 3 for IMS Group management (e.g. chat)	Rel-6	No	N1	Yes												
83	11037	IMS Conferencing	Rel-6	No	N1	No												
84	32037	Stage 2	Rel-6	No	S2	No												
85	32038	Stage 3	Rel-6	No	N1	Yes												
86	31022	IMS Messaging	Rel-6	No	S1	No	IMSM	TSG										
87	31023	TR on support of messaging in the IMS	Rel-6	No	S1	No	IMSM-TR	TSG										
88	31034	Stage 1 22.340	Rel-6	No	S1	No	IMSM-TS	TSG										
89	31033	CRs to 22.140 & 22.228	Rel-6	No	S1	No	IMSM-CR	TSG										
90	32700	Stage 2	Rel-6	No	S2	No												
91	11039	Stage 3 for IMS Messaging	Rel-6	No	N1	Yes												
92	60001	SIP/SIMPLE Instant messaging	Rel-6	No	OMA	No		n/a										
93	11040	Additional SIP Capabilities support not cc	Rel-6	No	N1	No												
94	32041	Stage 2 for add SIP cap (e.g. forking)	Rel-6	No	S2	No												
95	32042	Stage 3 for Additional SIP Capabilities	Rel-6	No	N1	Yes												
96	11041	Review additional SIP Capabilities agains	Rel-6	No	N1	Yes												
97	2048	Interworking between IMS and IP network	Rel-6	No	N3	No	IMS-CCR-IWIP	TSG										
98	13004	Interworking for 3GPP_SIP and IETF_SIP	Rel-6	No	N3	No												
99	13005	Interworking for IPv6 to IPv4	Rel-6	No	N3	Yes												
100	11044	Interworking for IPv6 to IPv4 (SIP / SDP aspects)	Rel-6	No	N1	No												
101	11017	stage 3 of interworking with non-IMS IP networks	Rel-6	No	N1	No												
102	2047	Interworking between IMS and CS networ	Rel-6	No	N3	No	IMS-CCR-IWCS	TSG										
103	14001	Mn interface (IM-MGW to MGCF) enhance	Rel-6	No	N4	Yes	IMS2-Mn											
104	31036	Study of subscriber and operators relatio	Rel-6	No	S1	No												
105	33012	Lawful Interception in the 3GPP Rel-6 arc	Rel-6	No	S3	No	SEC1-LI	TSG										
106	31042	IMS Subscription and access scenarios	Rel-6	No	S1	No												
107	35032	IMS charging	Rel-6	No	S5	No	IMS2-CH	TSG										
108	11051	IMS Management objects	Rel-6	No	N1	Yes		WG										
109	32027	<i>Deleted - Stage 2 of IMS Phase 2</i>	Rel-6	No	S2	No												
110	32063	3GPP Enablers for services like Push to	Rel-6	No	S2	No	PoC	TSG										
111	32068	Feasibility Study	Rel-6	No	S2	No	PoC											
112	60002	Dependencies on OMA PoC	Rel-6	No	OMA	No	PoC	n/a										
113	34029	Selection of one or more PoC codec(s) fo	Rel-6	No	S4	No	PoC	TSG										
114	35036	PoC charging	Rel-6	No	S5	Yes	PoC-CH	TSG										
115	32062	Interworking aspects and migration scen	Rel-6	No	S2	No	IPv4IMS											
116	11032	Interoperability and Commonality betwee	Rel-6	No	S2	No	IMSCOOP	TSG										
117	32028	Stage 2 for Interoperability	Rel-6	No	S2	No												
118	32061	Stage 2 for commonality	Rel-6	No	S2	No												
119	11033	Stage 3	Rel-6	No	N1	No												
120	1365	Support of Push Services	Rel-6	No	S1	No	PUSH	TSG										

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121	✓	31004	Stage 1	Rel-6	No	S1	No										
122	✓	32701	TR 23.976 on Push Architecture	Rel-6	No	S2	No										
123	✓	42009	Multimedia Messaging (MMS) enhancem	Rel-6	No	T2	No	MMS6	TSG								
124	✓	42010	Definition of service requirements	Rel-6	No	S1	No	MMS6-SR									
125	✓	31031	Definition of service requirements charging	Rel-6	No	S1	No										
126	✓	42011	Technical realization	Rel-6	No	T2	No		TSG								
127	✓	42012	OMA dependencies	Rel-6	No	OMA	No		n/a								
128	✓	42013	MMS formats and codecs	Rel-6	No	S4	Yes	MMS6-Codec									
129	✓	42014	Handling of private addressing schemes i	Rel-6	No	T2	No		TSG								
130	✓	42015	<i>Deleted - FS Multiple MMS Relay/Server Architecture</i>	Rel-6	No	T2	No		TSG								
131	✓	35034	MMS charging	Rel-6	No	S5	No	MMS6-CH	TSG								
132	✓	42005	Rel-6 MExE enhancements	Rel-6	No	T2	No	MEXE6	TSG								
133	✓	42006	MExE Rel-6 Improvements and Investigat	Rel-6	No	T2	No	MEXE6-ENHANC	TSG								
134	✓	42007	MExE Run-Time Independent Framework	Rel-6	No	T2	No	MEXE6-RTIF	TSG								
135	✓	2062	Subscription Management	Rel-6	No	S5	No	SuM	TSG								
136	✓	2499	Presence Capability	Rel-6	No	S1	No	PRESNC	TSG								
137	✓	2501	Stage 1	Rel-6	No	S1	No										
138	✓	2502	Stage 2	Rel-6	No	S2	No		TSG								
139	✓	2503	Stage 3	Rel-6	No	N1	Yes										
140	✓	13018	Stage 3 (CN3 Part Pk interface)	Rel-6	No	N3	Yes										
141	✓	34025	Media Codecs and Formats for IMS Messa	Rel-6	No	S4	Yes	PRESNC-COFIMP	TSG								
142	✓	2504	Security issues	Rel-6	No	S3	No										
143	✓	60003	SIMPLE Presence	Rel-6	No	OMA	No		n/a								
144	✓	50056	Enhanced A/Gb feasibility study	Rel-6	No	GP	No	AGbEnFS	TSG								
145	✓	50057	Feasibility study on A/Gb enhancements	Rel-6	No	G2	No	AGbEnFS-FS	TSG								
146	✓	50080	Requirements for the support of conversational se	Rel-6	No	GP	No										
147	✓	50084	Identification of the different building blocks for the	Rel-6	No	GP	No										
148	✓	50093	Outline of impact and feasibility of these building b	Rel-6	No	GP	No										
149	✓	50081	Impact on 3GPP architecture and requirement to c	Rel-6	No	GP	No										
150	✓	50082	Standardisation effort	Rel-6	No	GP	No										
151	✓	50083	Dependency to other features	Rel-6	No	GP	No										
152	✓	50063	Flexible Layer One for GERAN	Rel-6	No	GP	No	FLOGER	TSG								
153	✓	50064	Realisation of a Flexible Layer One	Rel-6	No	GP	No	FLOGER-Real									
154	✓	50065	Technical Report	Rel-6	No	GP	No										
155	✓	51002	Architecture in 45.001 and 43.051	Rel-6	No	G1	No										
156	✓	51003	Multiplexing in 45.002	Rel-6	No	G1	No										
157	✓	51004	Channel Coding in 45.003	Rel-6	No	G1	No										
158	✓	51005	Performance Requirements in 45.005	Rel-6	No	G1	No										
159	✓	51006	Radio subsystem link control in 45.008	Rel-6	No	G1	No										
160	✓	52071	Requirements in 44.004	Rel-6	No	G2	No										

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										Mar	May	Jul	Sep	Nov	Jan
161	✓	52072	Signalling and protocol support for a Flex	Rel-6	No	G2	No	FLOGER-SigPro							
162	✓	52073	Modifications to RLC/MAC in 44.060 and 44.160	Rel-6	No	G2	No								
163	✓	52074	Modifications to RRC in 44.118 and 44.018	Rel-6	No	G2	No								
164	✓	52075	Security for a Flexible Layer One	Rel-6	No	S3; G2	No	FLOGER-SecFLO							
165	✓	52076	Ciphering in 44.160,44.118, 44.060 and 44.018	Rel-6	No	S3; G2	No								
166	✗	55077	Deleted at TSG#27 - GERAN MS Conform	Rel-6	No	G4,G5	Yes	FLOGER-Msconf	6/02						
167	✗	55078	deleted at TSG #27 - MS Test in 51.010	Rel-6	No	G4,G5	Yes		6/02						
168	✗	55079	Deleted at TSG#27 - GERAN BTS Conform	Rel-6	No	G3	Yes	FLOGER-BTScnf	6/02						
169	✗	53080	Deleted at TGS #27 - BTS Test in 51.021 - DELE	Rel-6	No	G3	Yes		6/02						
170	✓	50041	Uplink TDOA feasibility study	Rel-6	No	GP	No	TDOAF							
171	✓	2544	Multimedia Broadcast and Multicast Serv	Rel-6	No	S1	No	MBMS	TSG						
172	✓	2545	Stage 1	Rel-6	No	S1	No								
173	✓	32002	Stage 2	Rel-6	No	S2	No		TSG						
174	✓	32702	TR on Architectural Study	Rel-6	No	S2	No								
175	✓	32703	Stage 2 Specification Work	Rel-6	No	S2	No								
176	✓	2481	Introduction of MBMS in RAN	Rel-6	No	R2	No	MBMS-RAN	TSG						
177	✓	20022	Introduction of MBMS in RAN (physical & upper la	Rel-6	No	R2	No	MBMS-RAN	TSG						
178	✓	20020	UE Performance Requirements for MBMS	Rel-6	No	R4	No	MBMS-RAN-RF	TSG						
179	✓	11030	Support of the MBMS in CN protocols	Rel-6	No	N1	No		TSG						
180	✓	13015	Gmb interface for MBMS (CN3 part)	Rel-6	No	N3	Yes								
181	✓	33008	Security Aspects of MBMS	Rel-6	No	S3	No	MBMS	TSG						
182	✓	50085	Support of MBMS in GERAN	Rel-6	No	GP	Yes	MBMS-GERAN	TSG						
183	✓	50086	Impact on the logical and physical channels	Rel-6	No	GP	Yes								
184	✓	52085	Re-synchronisation at cell change	Rel-6	No	G2	Yes								
185	✓	50098	Simultaneous support of MBMS services	Rel-6	No	GP	Yes								
186	✓	50099	Simultaneous support of MBMS and non-MBMS s	Rel-6	No	GP	Yes								
187	✓	50100	Resynchronisation at cell change	Rel-6	No	GP	Yes								
188	✓	50087	Decision making process between point-to-point o	Rel-6	No	GP	Yes								
189	✓	50088	MBMS channel allocations procedures to multiple	Rel-6	No	GP	Yes								
190	✓	50089	Changes to the Gb interface	Rel-6	No	GP	Yes								
191	✓	50090	GERAN specific changes to the lu-ps interface	Rel-6	No	GP	Yes								
192	✓	50091	Interaction between MBMS and lu-flex	Rel-6	No	GP	Yes								
193	✓	50092	Security aspects	Rel-6	No	GP	Yes								
194	✓	53081	MS conformance tests- G3	Rel-6	No	G3	Yes								
195	✗	55091	Deleted - MS conformance tests - G5	Rel-6	No	G5	No								
196	✓	31045	MBMS User Services	Rel-6	No	S1	No								
197	✓	31044	MBMS User Services Stage 1	Rel-6	No	S1	No								
198	✓	34026	Definition of MBMS user services, media codecs, l	Rel-6	No	S4	Yes	MBMS-TSMBMS	TSG						
199	✓	35038	MBMS charging	Rel-6	No	S5	Yes	MBMS-CH	TSG						
200	✓	31006	Speech Recognition and Speech Enabler	Rel-6	No	S1	No	SRSSES	TSG						

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										Mar	May	Jul	Sep	Nov	Jan	Mar	May
201	✓	31007	Speech Enabled Services Based on Distri	Rel-6	No	S1	No	DSR	TSG								
202	✓	32999	TR on Architectural impacts	Rel-6	No	S2	No										
203	✓	34700	Codec Work to Support Speech Recognit	Rel-6	No	S4	No	SRSES-Codec	WG								
204	✓	60004	Multimodal support	Rel-6	No	OMA	No										
205	✓	11021	<i>Deleted - SES codec negotiation at SDP</i>	Rel-6	No	N1	No										
206	✓	31008	Generic User Profile Rel-6	Rel-6	No	S1	No	GUP	TSG								
207	✓	31009	Stage 1 - Requirements	Rel-6	No	S1	No										
208	✓	32008	Stage 2 - Architecture	Rel-6	No	S2	No										
209	✓	42002	Stage 2 - Data Description Method	Rel-6	No	N4	Yes		TSG								
210	✓	14008	Stage 3 - Network	Rel-6	No	N4	Yes										
211	✓	33009	Security Aspects	Rel-6	No	S3	No		WG								
212	✓	31010	Digital Rights Management	Rel-6	No	S1	No	DRM	TSG								
213	✓	31011	Requirements	Rel-6	No	S1	No										
214	✓	31037	<i>Deleted - Monitoring of Stages 2 and 3 pr</i>	Rel-6	No	S1	No										
215	✓	60005	Stage 2	Rel-6	No	OMA	No										
216	✓	60006	Stage 3	Rel-6	No	OMA	No										
217	✓	33001	Security	Rel-6	No	OMA	No										
218	✓	31012	WLAN-UMTS Interworking Rel-6	Rel-6	No	S1	No	WLAN	TSG								
219	✓	31020	Technical Report	Rel-6	No	S1	No	WLAN-TR									
220	✓	31035	Stage 1	Rel-6	No	S1	No	WLAN-TS									
221	✓	31058	Global stage 1	Rel-6	No	S1	No	WLAN-TS									
222	✓	32018	Architecture Definition for scenarii 2 and	Rel-6	No	S2	No		TSG								
223	✓	32704	Security	Rel-6	No	S3	No		TSG								
224	✓	14013	Stage 3 - CN4 aspects	Rel-6	No	N4	Yes	WLAN-IW	TSG								
225	✓	13019	Stage 3 - CN3 aspects (Wi Interface for Sc	Rel-6	No	N3	Yes	WLAN	TSG								
226	✓	11042	Stage 3 for scenario 2	Rel-6	No	N1	Yes		WG								
227	✓	11047	Stage 3 for scenario 3	Rel-6	No	N1	Yes		WG								
228	✓	35033	WLAN charging	Rel-6	No	S5	No	WLAN-CH	TSG								
229	✓	43010	USIM enhancements for WLAN Interworki	Rel-6	No	T3	No		TSG								
230	✓	31015	Priority Service	Rel-6	No	S1	No	NTShar	TSG								
231	✓	31016	Feasibility Study	Rel-6	No	S1	No	PRIOR-FS									
232	✓	31017	Stage 1 - Requirements	Rel-6	No	S1	No	PRIOR-SR									
233	✓	31041	Multimedia Priority Service	Rel-6	No	S1	Yes										
234	✓	31043	Priority service implementation guide	Rel-6	No	S1	No										
235	✓	31018	Network Sharing	Rel-6	No	S1	No	NTShar	TSG								
236	✓	31019	Technical Report	Rel-6	No	S1	No	NTShar-TR									
237	✓	31038	Stage 1 - CRs to implement Network Shar	Rel-6	No	S1	No	NTShar-CR									
238	✓	32044	Stage 2	Rel-6	No	S2	No										
239	✓	11043	Network sharing - stage 3	Rel-6	No	N1	No		TSG								
240	✓	22004	Enhancement of the support of network s	Rel-6	No	R2	No	NTShar-UTRANEnh	TSG								

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241	✓	32016	QoS Improvements	Rel-6	No	S2	No	QoS1	TSG										
242	✓	32017	FS on Dynamic Policy control enhance	Rel-6	No	S2	No	QoS1	TSG										
243	✓	32059	Definition of the Gq interface	Rel-6	No	S2	No												
244	✓	13016	Gq interface specification for Dynamic Pc	Rel-6	No	N3	Yes		TSG										
245	✓	33002	Subscriber certificates	Rel-6	No	S3	No	SEC1-SC	TSG										
246	✓	32705	Stage 1	Rel-6	No	S3	No												
247	✓	32706	Architecture review	Rel-6	No	S2	No												
248	✓	14504	Stage 3	Rel-6	No	N4	Yes	SEC1-SC											
249	✓	11049	Stage 3 Ua & Ub interfaces	Rel-6	No	N1	Yes												
250	✓	60007	OMA dependencies on Subscriber certifi	Rel-6	No	OMA	No		n/a										
251	✓	15010	Rel-6 OSA enhancements	Rel-6	No	N5	No	OSA3	TSG										
252	✓	31040	Scope of the Open Service Access Relea	Rel-6	No	S1	No		TSG										
253	✓	15038	OSA Stage 2	Rel-6	No	N5	No		TSG										
254	✓	15026	Multi Media Messaging function	Rel-6	No	N5	No		TSG										
255	✓	15028	Policy management extensions	Rel-6	No	N5	No		TSG										
256	✓	15029	TS on Presence and Availability Managen	Rel-6	No	N5	No		TSG										
257	✓	15032	OSA interfaces at different levels of abstr	Rel-6	No	N5	No		TSG										
258	✓	15033	Introduction of migration support mechar	Rel-6	No	N5	No		TSG										
259	✓	15036	Framework Function for Federation	Rel-6	No	N5	No		TSG										
260	✓	60008	OMA potential overlaps with 3GPP OSA S	Rel-6	No	OMA	No		n/a										
261	✓	15037	<i>Deleted - TR on Presence and Availability Managemen</i>	Rel-6	No	N5	No												
262	✓	50401	Addition of frequency bands to GSM (TA	Rel-6	No	GP	Yes	TAPS	TSG										
263	✓	50094	Addition of frequency bands to GSM – Ch	Rel-6	No	G1	No	TAPS-Specs	TSG										
264	✓	51102	Changes to core specs	Rel-6	No	G1	No												
265	✓	54102	<i>Deleted at TSG #27 - Addition of frequency l</i>	Rel-6	No	G4	Yes	TAPS-Conf											
266	✓	54103	<i>Deleted at TSG #27 - 51.010-1 Add testing</i>	Rel-6	No	G4	Yes												
267	✓	50130	Seamless support of streaming services	Rel-6	No	GP	No	SSStrea	TSG										
268	✓	51131	Identification of requirements for streami	Rel-6	No	G1	No												
269	✓	51133	Requirements	Rel-6	No	G1	No												
270	✓	51132	Performance study of cell change mechar	Rel-6	No	G1	No												
271	✓	51134	Performance of NACC	Rel-6	No	G1	No												
272	✓	51135	Performance of cell change in DTM for the PS dor	Rel-6	No	G1	No												
273	✓	51136	Handover	Rel-6	No	G1	No												
274	✓	52131	Reduction of service interruption times a	Rel-6	No	G2	No												
275	✓	52133	Optimisations of existing mechanisms/procedures	Rel-6	No	G2	No												
276	✓	52134	Inter-system NACC	Rel-6	No	G2	No												
277	✓	52135	PS Handover (within GERAN and between GERA	Rel-6	No	G2	No												
278	✓	52136	Dependency to other features	Rel-6	No	G2	No												
279	✓	54131	MS conformance testing	Rel-6	No	G3	No												
280	✓	54132	MS conformance tests	Rel-6	No	G4,G5	No												

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281	✓	33013	GERAN A/Gb mode security enhancemen	Rel-6	No	S3	No										
282	✓	34300	Performance characterisation of default	Rel-6	No	S4	No	CODCAR	TSG								
283	✓	31030	Study on Privacy Capability	Rel-6	No	S1	Yes	PrivCap	TSG								
284	✓	35010	OAM&P Rel-6		No	S5	No	OAM	TSG								
285	✓	35011	Principles, high level Requirements and A	Rel-6	No	S5	No	OAM-AR	TSG								
286	✓	35012	Performance Management	Rel-6	No	S5	No	OAM-PM	TSG								
287	✓	35014	Network Infrastructure Management	Rel-6	No	S5	No	OAM-NIM	TSG								
288	✓	35015	Trace Management Rel-6	Rel-6	No	S5	Yes	OAM-Trace	TSG								
289	✓	35022	Subscriber and UE trace management	Rel-6	No	S5	No	OAM-Trace	TSG								
290	✓	23013	Subscriber and equipment trace in UTRAN	Rel-6	No	R3	No	OAM-Trace-RAN	TSG								
291	✓	14016	Trace Management, Stage3	Rel-6	No	N4	Yes	OAM-Trace	TSG								
292	✓	35016	Charging Management	Rel-6	No	S5	No	CH	TSG								
293	✓	35037	Charging architecture and principles	Rel-6	No	S5	No	CH	TSG								
294	✓	35024	Charging Data Record (CDR) file format a	Rel-6	No	S5	No	CH	TSG								
295	✓	35025	CDR parameter description	Rel-6	No	S5	Yes	CH	TSG								
296	✓	35026	Diameter charging applications	Rel-6	No	S5	No	CH	TSG								
297	✓	35027	Online Charging System (OCS) architectu	Rel-6	No	S5	No	CH	TSG								
298	✓	35028	OCS: Applications and interfaces	Rel-6	No	S5	No	CH	TSG								
299	✓	35017	Charging Management for Bearer level	Rel-6	No	S5	No	CH-BC	TSG								
300	✓	35029	CS domain charging	Rel-6	No	S5	No	CH	TSG								
301	✓	35030	PS domain charging	Rel-6	No	S5	No	CH	TSG								
302	✓	35031	CDR transfer	Rel-6	No	S5	No	CH	TSG								
303	✓	35018	Charging Management for the IMS	Rel-6	No	S5	No	IMS2-CH	TSG								
304	✓	35019	Charging Management for the Service do	Rel-6	No	S5	Yes	CH	TSG								
305	✓	32030	Overall architectural aspects of IP flow ba	Rel-6	No	S2	No	CH-FBC									
306	✓	32069	Overall definition of FBC architecture	Rel-6	No	S2	Yes										
307	✓	32070	Study on providing policy control with FBC	Rel-6	No	S2	No										
308	✓	13020	Gx interface for flow based charging	Rel-6	No	N3	Yes	CH-FBC	TSG								
309	✓	13021	Rx interface for flow based charging	Rel-6	No	N3	Yes	CH-FBC	TSG								
310	✓	1800	Rel-6 UICC/USIM enhancements and inte	Rel-6	No	T3	No	USAT1	TSG								
311	✓	1802	UICC API	Rel-6	No	T3	No	USAT1-API									
312	✓	43001	Java API Test specification	Rel-6	No	T3	No										
313	✓	43003	MOVED to Rel-5 WP DELETE HERE Java API Te	Rel-6	No	T3	No										
314	✓	43006	2G/3G Java Card™ API based applet interworking	Rel-6	No	T3	No	USAT1-API	TSG								
315	✓	43007	(U)SIM API for Java Card Testing Work Item	Rel-6	No	T3	No		TSG								
316	✓	43004	Rel-6 USIM toolkit enhancements	Rel-6	No	T3	No										
317	✓	502031	C SIM API	Rel-6	No	T3	No	USAT1-API-MULTO	TSG								
318	✓	502032	Specification	Rel-6	No	T3	No		TSG								
319	✓	502033	Test specification	Rel-6	No	T3	No		TSG								
320	✓	43009	USIM application toolkit Conformance Test Specif	Rel-6	No	T3	No		TSG								

























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321		34022	Packet Switched Streaming Services Rel	Rel-6	No	S4	Yes	PSSrel6	TSG															
322		31039	Stage 1	Rel-6	No	S1	No		TSG															
323		34024	Stage 3	Rel-6	No	S4	Yes	PSSrel6-Stage3	WG															
324		34023	AMR-WB extension for high audio quality	Rel-6	No	S4	Yes	AMRWB+	TSG															
325		34027	Codec Enhancements for Packet Switch	Rel-6	No	S4	No	CEPSCM	WG															
326		34028	3G-324M Improvements	Rel-6	No	S4	No	3G-324MI	WG															
327		51101	Single Antenna Receiver Interference Ca	Rel-6	No	GP,G1	No	SAIC	TSG															
328		50500	Support of Conversational Services in A/	Rel-6	No	GP	No	SCSAGB	TSG															
329		50501	Creation of a TR	Rel-6	No	GP	No	SCSAGB-TR	TSG															
330		50502	Stage 2	Rel-6	No	GP	No	SCSAGB-Stage2	TSG															
331		50503	Radio Channel Support	Rel-6	No	GP	No	SCSAGB-RCS	TSG															
332		50504	Definition of radio resource management	Rel-6	No	GP,G2	No	SCSAGB-RRM	TSG															
333		50505	PS Handover	Rel-6	No	GP	No	SCSAGB-PSH	TSG															
334		50506	Modifications to FLO	Rel-6	No	GP,G2	No	SCSAGB-FLO	TSG															
335		12006	Enhancement of dialled service for CAMI	Rel-6	No	S1	No	EDCAMEL	TSG															
336		12007	Stages 2 and 3	Rel-6	No	N4	Yes																	
337		32060	Bandwidth and resource savings in CS n	Rel-6	No	S2	No	BARS																
338		33018	FS on (U)SIM Security Reuse by Peripher	Rel-6	No	S3	No		TSG															
339		50600	Multiple TBF in A/Gb mode	Rel-6	No	GP,G2	No	MULTBF	TSG															
340		50601	Multiple TBF in A/Gb mode	Rel-6	No	GP,G2	No	MULTBF-Agbmode	TSG															
341		50602	Multiple TBF Concept paper	Rel-6	No	GP,G2	No																	
342		50603	Multiple TBF Stage 2 (43.064) CRs	Rel-6	No	GP,G2	No																	
343		50604	Multiple TBF Stage 3 (44.060) CRs	Rel-6	No	GP,G2	No																	
344		50605	<i>Deleted at TGS # 27 - Multiple TBF in A/Gb i</i>	Rel-6	No	G3	Yes	MULTBF-Testing	TSG															
345		50096	Alignment between the test-regimes for (Rel-6	No	G3	No	ALTERE	TSG															
346		50097	Determine the controversial test cases in the different t	Rel-6	No	G3	No	ALTERE-TC	TSG															
347		50444	Addition of U-TDOA in the CS domain	Rel-6	No	GP	No	UTDOACS	TSG															
348		50445	Addition of U-TDOA in the PS domain	Rel-6	No	GP	No	UTDOAPS	TSG															
349		50101	Downlink Advanced Receiver Performan	Rel-6	No	GP	No	DARP	TSG															
350		50102	DARP test scenarios	Rel-6	No	GP	No	DARP-TS	TSG															
351		50103	DARP for GMSK modulated voice service	Rel-6	No	GP	No	DARP-GMSK	TSG															
352		50104	Performance requirements in 45.005	Rel-6	No	GP	No	DARP-GMSK-Perf	TSG															
353		50105	Radio subsystem link control in 45.008	Rel-6	No	GP	No	DARP-GMSK-LC	TSG															
354		50106	DARP for GPRS and EGPRS MCS1-MCS4	Rel-6	No	GP	Yes	DARP-GPRSE	TSG															
355		50107	Performance requirements in 45.005	Rel-6	No	GP	No	DARP-GPRSE-Perf	TSG															
356		50108	Radio subsystem link control in 45.008	Rel-6	No	GP	No	DARP-GPRSE-LC	TSG															
357		50115	DARP Capability signalling	Rel-6	No	GP	No	DARP-CAPSIG	TSG															
358		50116	GERAN MS Conformance test for DARP	Rel-6	No	G3	Yes	ARP-ConfTest	TSG															
359		50109	Reduction of PS service interruption in D	Rel-6	No	G2	No	PSintDTM	TSG															
360		50110	Use case and requirement definition	Rel-6	No	G2	No	PSintDTM-Req	TSG															

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361	✓	50111	Performance Study of Current Procedure	Rel-6	No	G2	No	PSintDTM-Perf	TSG									
362	✓	50112	Reduction of service interruption times a	Rel-6	No	G2	No	PSintDTM-Reduct	TSG									
363	✓	50113	MS Conformance testing	Rel-6	No	G3	No	PSintDTM-ConfMS	TSG									
364	✓	50114	BTS Conformance testing	Rel-6	No	G3	No	PSintDTM-ConfBTS	TSG									
365	✓	12008	CAMEL prepay interworking with SCUDI	Rel-6	No	N4	Yes	SCCAMEL										
366	✓	31046	Circuit Switched Video and Voice Service	Rel-6	No	S1	No	CS_VSS	TSG									
367	✓	31047	Stage 1 - Requirements	Rel-6	No	S1	No		TSG									
368	✓	32071	Stage 2 Study on architecture alternatives	Rel-6	No	S2	No											
369	✓	32072	Stage 2 description on Redial	Rel-6	No	S2	Yes											
370	✓	52137	GERAN2 Part	Rel-6	No	G2	No		TSG									
371	✓	13017	Deleted - CN3 Part	Rel-6	No	N3	No											
372	✓	33020	Network Domain Security; MAP applicati	Rel-6	No	S3	No	MAPSEC	TSG									
373	✓	33021	FS on Security for early IMS	Rel-6	No	S3	No	SEC-IMS	TSG									
374	✓	13024	Reorganisation of CS Data Specifications	Rel-6	No	N3	Yes	CS Data	TSG									
375	✓	31029	Deleted - Study of Feature Interactions Requirements	Rel-6	No	S1	No	FINTER										
376		0	Rel-7 Features listed below	Rel-7	No		No											
377	✓	2468	Multiple Input Multiple Output antennas (Rel-7	No	R1	No	MIMO	TSG									
378	✓	21006	MIMO - Physical layer	Rel-7	No	R1	No	MIMO-Phys	TSG									
379	✓	22003	MIMO - Layer 2,3 aspects	Rel-7	No	R2	No	MIMO-L23	TSG									
380	✓	23008	MIMO - lub/lur Protocol Aspects	Rel-7	No	R3	No	MIMO-lur lub	TSG									
381	✓	24008	MIMO - RF Radio Transmission/Receptor	Rel-7	No	R4	No	MIMO-RF	TSG									
382	✓	31062	TBC: WLAN-UMTS Interworking Phase 2	Rel-7	No	S1	No	WLAN	TSG									
383	✓	31057	Stage 1 on Session Continuity	Rel-7	No	S1	No	WLAN-SC										
384	✓	13022	DIAMETER on the PDG Wi interface	Rel-7	No	N3	No	DIAMWi	TSG									
385	✓	35041	TBC: OAM&P Rel-7	Rel-7	No	S5	No	OAM	TSG									
386	✓	35039	Trace Management Rel-7	Rel-7	No	S5	Yes	OAM-Trace	TSG									
387	✓	35040	Trace Management for IMS	Rel-7	No	S5	Yes	OAM-Trace-IMS	TSG									
388	✓	11046	SIP enhancements for trace	Rel-7	No	N1	No	Trace-SIP										
389	✓	14018	TBC: Generic User Profile Phase 2	Rel-7	No	N4	No											
390	✓	42003	Stage 3 - Common objects	Rel-7	No	N4	Yes		TSG									
391	✓	32045	PS domain and IMS impacts for supporti	Rel-7	No	S2	No	EMC1	TSG									
392	✓	1314	Service Requirements for IP-based emerg	Rel-7	No	S1	No											
393	✓	32046	Stage 2 for IMS-level solution	Rel-7	No	S2	No		TSG									
394	✓	32080	Stage 2 for GPRS-level solution	Rel-7	No	S2	Yes											
395	✓	1653	Emergency Call Enhancements for IP& P	Rel-7	No	N1	No											
396	✓	1315	IMS aspects to support IMS Emergency sessions	Rel-7	No	N1	Yes											
397	✓	1646	PS domain aspects to support IMS Emergency se	Rel-7	No	N1	Yes											
398	✓	32064	Access Class Barring and Overload Prot	Rel-7	No	S2	No	ACBOP	TSG									
399	✓	32065	TR on Stage 2	Rel-7	No	S2	No		TSG									
400	✓	50117	Extra ACBOP information in GERAN	Rel-7	No	GP	No		TSG									

ID	Icon	Jnique_IC	Name	Release	Early	Resource Names	Modific	Acronym	Level of Approva	Qtr 3, 2004			Qtr 1, 2005			Qtr 3, 200		
										Mar	May	Jul	Sep	Nov	Jan	Mar	May	Jul
401	✓	11048	Stage 3 CN aspects of ACBOP	Rel-7	No	N1	Yes											
402		20010	<i>Deleted - Potential impact on lu interface Overload fun</i>	Rel-7	No	RP	No											
403		20009	<i>Deleted - Extra ACBOP information in RAN</i>	Rel-7	No	RP	No											
404		31048	USSD message delivery and transfer to L	Rel-7	No	S1	No		TSG									
405		31060	Stage 1	Rel-7	No	S1	No		TSG									
406		43008	Alignment with requirements regarding U	Rel-7	No	T3	No		TSG									
407		32079	Location Services enhancements Rel-7	Rel-7	No	S2	No	LCS3										
408		31052	LCS for 3GPP Interworking WLAN	Rel-7	No	S1	Yes	LCS3-IWLAN	TSG									
409		32077	Feasibility study on 3GPP system to Wireless Loc	Rel-7	No	S1	Yes											
410		20030	UE positioning Rel-7	Rel-7	No	RP	No	LCS3-UEpos	TSG									
411		20012	Inclusion of Uplink TDOA UE positioning method i	Rel-7	No	R2	No	LCS3-UEPos-UTDO/	TSG									
412		50558	LCS Enhancements Related to Location-E	Rel-7	No	GP	Yes	LCS3-LBS	TSG									
413		32029	FS on applicability of GALILEO for LCS	Rel-7	No	S2	No											
414		32058	TR on Stage 2	Rel-7	No	S2	No											
415		50095	<i>deleted - GERAN review of the TR</i>	Rel-7	No	GP	No											
416		31049	Enhancements of VGCS in public networ	Rel-7	No	S1	No	EGCS	TSG									
417		31061	Stage 1	Rel-7	No	S1	No	EGCS	TSG									
418		11045	Enhancements of VGCS in public network	Rel-7	No	N1	Yes	EGCS	TSG									
419		11053	Improvements of VGCS in public network	Rel-7	No	N1	Yes	EGCS										
420		31050	Behaviour of Multi system UEs	Rel-7	No	S1	Yes	BMSU	TSG									
421		31053	Selective Disabling of UE Capabilities	Rel-7	No	S1	Yes	SDoUE	TSG									
422		31054	FS on IMS with real time services deploy	Rel-7	No	S1	No	IRTSD	TSG									
423	✓	31055	Feasibility Study on Combining CS calls a	Rel-7	No	S1	Yes	IRTSD-CS_IMS	TSG									
424		32076	TR on Stage 2 (IMS services using CS bea	Rel-7	No	S2	Yes	IRTSD-IMSCS	TSG									
425		32083	TS on Stage 2 (IMS services using CS bea	Rel-7	No	S2	Yes	IRTSD-IMSCS	TSG									
426		31063	Combinational Services	Rel-7	No	S1	No	IRTSD-IMSCSs1	TSG									
427		31064	Stage 1	Rel-7	No	S1	Yes	CSICS	TSG									
428		32084	Stage 2	Rel-7	No	S2	Yes	CSICS	TSG									
429		31059	All-IP Network Feasibility Study	Rel-7	No	S1	Yes	AIPFS	TSG									
430		32073	Enhancement of E2E QoS	Rel-7	No	S2	No	QoS7	TSG									
431		32074	System enhancements for fixed broadba	Rel-7	No	S2	No	FBI	TSG									
432		32075	Stage 2	Rel-7	No	S2	Yes	FBI	TSG									
433		11050	Protocol impact from providing IMS servi	Rel-7	No	N1	Yes	FBI	TSG									
434	✓	32078	<i>Deleted - IMS Phase 3</i>	Rel-7	No	S2	No											
435		32005	IMS Local services (CN WID needed)	Rel-7	No	S2	No											
436	✓	32019	Stage 2 (SA2 propose delete this)	Rel-7	No	S2	No											
437		11035	Stage 3 for IMS Local services	Rel-7	No	N1	No											
438		14012	Mp (MRFC - MRFP) interface - CN4 Part (c	Rel-7	No	N4	Yes	IMS2-Mp										
439		11052	IMS Stage 3 IETF Protocol alignment	Rel-7	No	N1	No											
440		701216	<i>Deleted - Improvements of Radio Interface</i>	Rel-7	No	RP	No	RInImp	TSG									

ID	Icon	Jnique_IC	Name	Release	Early	Resource Names	Modific	Acronym	Level of Approva	Qtr 3, 2004			Qtr 1, 2005			Qtr 3, 200		
										Mar	May	Jul	Sep	Nov	Jan	Mar	May	Jul
441		20028	Rel-7 Improvements of the Radio Interfac	Rel-7	No	RP	No	RInImp										
442		20021	UMTS 2.6 GHz	Rel-7	No	R4	No	RInImp-UMTS2600	TSG									
443		20025	UMTS 2.6 GHz TDD	Rel-7	No	R4	No	RInImp-UMTS2600TI	TSG									
444		20027	UMTS 900 MHz	Rel-7	No	R4	No	RInImp-UMTS900	TSG									
445		20024	UE Antenna Performance Evaluation Metf	Rel-7	No	R4	No	RInImp-UEAnt	TSG									
446		20014	7.68Mcps TDD option	Rel-7	No	RP	No	VHCRTDD	TSG									
447		20015	7.68Mcps TDD option: Stage 2	Rel-7	No	R1	No	VHCRTDD-Stage2	TSG									
448		20016	7.68Mcps TDD option: Physical Layer	Rel-7	No	R1	No	VHCRTDD-Phys	TSG									
449		20017	7.68Mcps TDD option: Layer 2 and layer 3	Rel-7	No	R2	No	VHCRTDD-L23	TSG									
450		20018	7.68Mcps TDD option: UTRAN Iub/Iur Prot	Rel-7	No	R3	No	VHCRTDD-IurIub	TSG									
451		20019	7.68Mcps TDD option: RF Radio Transmis	Rel-7	No	R4	No	VHCRTDD-RF	TSG									
452		20023	FS on Evolved UTRA and UTRAN	Rel-7	No	RP	No	RANFS-Evo	TSG									
453		20029	Rel-7 RAN improvements	Rel-7	No	RP	No	RANimp	TSG									
454		20026	Optimisation of channelisation code utilis	Rel-7	No	R1	No	RANimp-RABSE-Coc	TSG									
455		32081	Support of SMS and MMS over generic 3	Rel-7	No	S2	Yes	SMSIP	TSG									
456		32082	Evolution of Policy Control and Charging	Rel-7	No	S2	No	PCC	TSG									
457		31051	Advanced Global Navigation Satellite Sys	Rel-7	No	S1	No	LCS3-AGNSS	TSG									
458		50548	Support for GNSS in GERAN	Rel-7	No	GP	No	AGNSS-GP	TSG									
459		50551	Towards A-GNSS Concept	Rel-7	No	S1	Yes	GNSS	TSG									
460		50552	FS of enhanced support of Video Teleph	Rel-7	No	GP	No	VIDGER	TSG									
461		50553	Generic Access to A/Gb Interface (GAAI)	Rel-7	No	GP	Yes	GAAI	TSG									
462		50544	FS on GAAI	Rel-7	No	GP	No	GAAG	TSG									
463		50554	GAAI – Stage 2	Rel-7	No	GP	Yes	GAAI-Stage2	TSG									
464		50555	GAAI – Stage 3	Rel-7	No	GP	Yes	GAAI-Stage3	TSG									
465		50556	MS Conformance Test for GAAI	Rel-7	No	GP	No	GAAI-CT	TSG									
466		50557	Enhancements of VGCS in public networ	Rel-7	No	G2	No	EVGCS	TSG									
467		34030	Video Codec Performance Requirements	Rel-7	No	S4	No	VICPer	TSG									
468		13023	DIAMETER on the GGSN Gi interface	Rel-7	No	N3	No	DIAMGi	TSG									
469		31065	CAMEL Trunk Triggers	Rel-7	No	S1	Yes	TTCAMEL	TSG									
470		31066	CAMEL Trunk Triggers Stage1	Rel-7	No	S1	Yes	TTCAMEL	TSG									
471		14017	CAMEL Trunk Originated Trigger Detectio	Rel-7	No	N4	Yes	CamelR7	TSG									
472		50118	MS Antenna Performance Evaluation Mei	Rel-7	No	G1	Yes	APEMR	TSG									
473		50119	Lower 700 MHz Inclusion in the GERAN 3	Rel-7	No	GP	Yes	GSM710	TSG									
474		32085	3GPP System Architecture Evolution	Rel-7	No	S2	Yes		TSG									
475		32086	Stage 2 description of Interim conclusion	Rel-7	No	S2	Yes											
476		32087	Stage 2 Feasibility study on 3GPP archite	Rel-7	No	S2	Yes											

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