

3GPP Work Plan – Cover page
 Version 2003, February 19th

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.fr, mentioning in the e-mail subject "General comment on the Work Plan".

Specific comments for this version

Main changes between version 15 January and 19 February 2003

Updates have been received from RAN WGs coming from decisions taken during RAN#15.

CN5 and SA5 issues have been "cleaned up".

Other minor editorial corrections have been performed.

Following lines starting with "New:" have been added:

ID	Unique_I	Name	Release	Reso	Modifi	Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2	
						Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
9	1216	Improvements of Radio Interface	NA	RP	No											
16	24007	New: UMTS-850		R4	No											
26	9	RAN improvements	NA	RP	No											
32	23007	New: FS of the improved access to UE measurement data for CRNC to support T		R3	No											

ID	Unique_I	Name	Release	Reso	Modifi	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
146	50063	Flexible Layer One for GERAN	TBD	GP	No											
162	53079	New: GERAN BTS Conformance test for the Flexible Layer One		G3	No											

ID	Unique_I	Name	Release	Reso	Modifi	2002		Qtr 1, 2003			Qtr 2, 2003			Qtr 3, 2003		
						Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
909	51101	New: Single Antenna Receiver Interference Cancellation (SA	Rel6	G1	No											
910	50500	New: Support of Conversational Services in A/Gb mode via	Rel6	GP	No											
911	50501	New: Creation of a TR		GP	No											
912	50502	New: Stage 2		GP	No											
913	50503	New: Radio Channel Support		GP	No											
914	50504	New: Definition of radio resource management functionality		P:G2	No											
915	50505	New: PS Handover		GP	No											
916	50506	New: Modifications to FLO		P:G2	No											

Following lines starting with "Delete:" have been deleted:

06/11/00	50305	Downlink delayed TBF release	No	G2	No				Mon
Wed 31/10/01		100%							
06/11/00	50306	Add transparent RLC Concept	No	G2	No				Mon
Fri 08/02/02		100%							
	50307	Handover concept	No	G2	No				Mon 06/11/00
Fri 08/02/02		100%							DELETE !

All the following lines containing "new:" in their title have been added:

ID	Unique	Name	Release	Splittable	Resource Name	Modifi	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000		
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
73	32021	IMS Phase 2	Rel6	No	WG SA1	Yes									
76	11034	New: Identity portability in IMS		No	WG CN1	No									
77	11035	New: IMS Local services		No	WG CN1	No									
78	11036	New: IMS Group management (e.g. chat)		No	WG CN1	No									
79	11037	New: IMS Conferencing		No	WG CN1	No									
80	11038	New: PSS alignment to IMS		No	WG CN1	No									
81	11039	New: IMS Messaging		No	WG CN1	No									
82	11040	New: Additional SIP Capabilities support not covered by Rel-		No	WG CN1	No									
83	11041	New: Review additional SIP Capabilities against IMS		No	WG CN1	No									
99	14012	New: Mp (MRFC - MRFP) interface protocol definitions	Rel6	No	WG CN4	No									
100	31022	IMS Messaging	Rel6	No	WG SA1	No									
102	31024	CRs to existing 22-series specifications		No	WG SA1	No									
103	31033	New: CRs to 22.140 & 22.228		No	WG SA1	No									
104	31034	New: IMS Messaging; Stage 1 22.340		No	WG SA1	No									
108	31036	New: Study of subscriber and operators relationship in IMS a	Rel6	No	WG SA1	No									
117	42009	Multimedia Messaging (MMS) enhancements	Rel6	No	WG T2	No									
118	42010	Definition of service requirements		No	WG SA1	No									
119	31031	New: Definition of service requirements charging		No	WG SA1	No									
126	1142	DELETE Charging and OAM&P	NA	No	WG SA5	Yes									
127	32030	New: Overall architectural aspects of IP flow based bearer level charging		No	WG SA2	Yes									
140	50056	Enhanced A/Gb feasibility study	TBD	No	SG GERAN	No									
141	50057	Feasibility study on A/Gb enhancements		No	G GERAN2	No									
143	50084	New: Identification of the different building blocks for the provision of con		No	TSG GERAN	No									
144	50093	New: Outline of impact and feasibility of these building blocks and their d		No	TSG GERAN	No									
190	31006	Speech Recognition and Speech Enabled Services	Rel6	No	WG SA1	No									
194	34700	New: Codec Work to Support Speech Recognition Framework		No	WG SA4	No									
209	31012	FS on WLAN-UMTS Interworking	Rel6	No	WG SA1	No									
210	31020	Technical Report		No	WG SA1	No									
211	31035	New: CRs to implement WLAN		No	WG SA1	No									
255	32033	New: Handling of early UEs	Rel6	No	WG SA2	Yes									
256	32031	New: Feasibility Study		No	WG SA2	Yes									
257	32032	New: Stage 2		No	WG SA2	Yes									
273	35010	Rel-6 OAM&P	Rel6	No	WG SA5	No									
276	35013	Rel6 User Equipment Management		No	WG SA5	No									
277	35020	New: UEM requirements and architecture; Stages 1 and 2		No	WG SA5	No									
278	35021	New: UEM protocol specification; Stage 3		No	WG T2	No									
279	33012	New: New:Release 6 User Equipment Management: Security aspects		No	WG SA3	Yes									
282	35016	New: Charging Management	Rel6	No	WG SA5	No									
283	35017	New: Charging Management for Bearer level		No	WG SA5	No									
284	35018	New: Charging Management for the IMS		No	WG SA5	No									
285	35019	New: Charging Management for the Service domain		No	WG SA5	No									
630	34001	Extended Transparent End-to-End PS Streaming Service	Rel5	No	WG SA4	No									
631	34002	Stage 1		No	WG SA1	No									
632	31032	New: Interaction with other services		No	WG SA1	No									
928	54001	New: MS Conformance Testing of Dual Transfer Mode	NA	No	WG GERAN	No									

The naming of all groups has been changed as follow:

For TSGs:

TSG CN -> NP

TSG RAN -> RP

TSG SA -> SP

TSG T -> TP

TSG GERAN -> GP

For WGs:

WG [CN/RAN/SA/T/GERAN][1/2/3/4/5] -> [N/R/S/T/G][1/2/3/4/5]

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 (since version 2001, July the 11th) instead of the "simple" Gantt used before. 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
- Splitable (defines whether the WI has to be considered as a single block or if it can be realised onto different releases)
- 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 (MCC<CHAIR<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

The detailed level is updated each time a line is modified or created. In addition, a new field called “last modif” has been created (initialised to April, 1st) to provide 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_030219.mpp MASTER - Work Plan in MS Project 98 format
(contains all WI attributes and Gantt view)

Work_Plan_3GPP_030219_MSP2000.mpp Work Plan in MS Project 2000 format
(contains all WI attributes and Gantt view)

2) Cover page:

Work_plan_cover_030219.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_030219.xls Work Plan in Excel format (contains most of
the WI attributes but not the Gantt chart)

Work_Plan_3GPP_030219.pdf PDF view of Work Plan (contains the Gantt
chart)

ID	Unique_I	Name	Releas	Resc	Modifi	Acronym	, 2003		Qtr 2, 2003			Qtr 3, 2003			Qtr 4, 2003			Qtr
							Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
1	2044	VERSION 2003 February 19th	Rel		No													
2	1462	"CTRL + a" to display all the 3GPP fields			No													
3	2058	Content of Rel4 and Rel5 frozen. Rel6 and after not frozen.	Rel		No													
4	0		Rel		No													
5	96				No													
6	2	Evolutions of the transport in the UTRAN	NA	RP	No	ETRAN												
7	4	Evolutions of the transport in the CN	NA	N4	No	CNTRSP	◆											
8	14011	Preferred Framing Protocol for bearer independent CS archite	Rel6	N4	No	PPF	◆											
9	1216	Improvements of Radio Interface	NA	RP	No	RInImp	◆											
10	1470	Improvement of inter-frequency and inter-system measuremen	Rel6	R1	No	RInImp-lfls	◆											
11	24004	Base station classification	Rel6	R4	No	RInImp-B	◆											
12	1476	FDD Base station classification	Rel6	R4	No	RInImp-BS	◆											
13	1507	Terminal Power Saving features	Rel6	R2	No	RInImp-TPS	◆											
14	2468	Multiple Input Multiple Output antennas (MIMO)	Rel6	R1	No	RInImp-MIM	◆											
15	24006	Improving Receiver Performance Requirements for the FDD UE	Rel6	R4	No	RInImp-UEF	◆											
16	24007	UMTS-850		R4	No	RInImp-UM	◆											
17	24003	FS for the viable deployment of UTRA in additional and divers	Rel6	R4	No	RInImp-UM	◆											
18	24005	FS on UE antenna efficiency test methods performance require	Rel6	R4	No	RInImp-UEA	◆											
19	2471	FS on Fast Cell Selection (FCS) for HS-DSCH	Rel6	R1	No	RInImp-FCS	◆											
20	1506	FS on Radio link performance enhancements	Rel6	R1	No	RInImp-Rlp	◆											
21	24001	FS on UTRA WideBand Distribution Systems	Rel6	R4	No	RInImp-WD	◆											
22	21000	FS on Improvement of inter-frequency and inter-system measur	Rel6	R1	No	RInImp-lfls	◆											
23	21003	FS for the analysis of OFDM for UTRAN enhancements	Rel6	R1	No	RInImp-FSC	◆											
24	21004	FS on Uplink Enhancements for Dedicated Transport Channels	Rel6	R1	No	RInImp-FSL	◆											
25	21005	FS on Analysis on Higher Chip Rates for UTRA TDD evolutions	Rel6	R1	No	Rin-imp-FS	◆											
26	9	RAN improvements	NA	RP	No	RANimp	◆											
27	20999	Beamforming Enhancements	Rel6	R1	No	RANimp-BF	◆											
28	624	RAB support enhancement	Rel6	R2	No	RANimp-R/	◆											
29	23005	Improvement of RRM across RNS and RNS/BSS	Rel6	R3	No	RANimp-RF	◆											
30	23006	FS on the evolution of the UTRAN architecture	Rel6	R3	No	RANimp-F	◆											
31	22001	FS for the Early Mobile Handling in UTRAN	Rel6	R2	No	RANimp-FS	◆											

ID	Unique_I	Name	Releas	Resc	Modifi	Acronym	, 2003		Qtr 2, 2003			Qtr 3, 2003			Qtr 4, 2003			Qtr
							Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
32	23007	FS of the improved access to UE measurement data for CRNC t		R3	No													
33	1652	Emergency call enhancements	Rel6	N1	No	EMC1												
34	1653	For IP & PS based calls	Rel6	N1	No	EMC1-PS												
35	1314	Service Requirements for IP-based emergency calls		S1	No													
36	1315	SIP emergency calls and packet emergency calls signalling flowsl		N1	No													
37	1316	Stage 2 for emergency calls and packet emergency calls in general		S2	No													
38	1317	Distinction of emergency call types to different emergency services		N1	No													
39	1646	Stage 3 for emergency calls and packet emergency calls in general		N1	No													
40	2224	Conformance Test Aspects - Emergency call enhancements		T1	No													
41	2225	Testing Stage 3 for emergency calls and packet emergency calls in general		T1	No													
42	1826	Terminal interfaces	NA	T2	No	TI												
43	32023	Location Services enhancements 2	Rel6	S2	No	LCS2												
44	32024	Improvement on Le interface		S2	No													
45	32001	Enhanced support for user privacy and subscriber data handlin		S2	No													
46	32025	Enhanced inter-GMLC interface		S2	No													
47	32012	Support of the Presence Service Architecture		S2	No													
48	32026	New events for triggered location reports		S2	No													
49	32029	FS on applicability of GALILEO for LCS		S2	No													
50	20001	UE positioning	Rel6	RP	No	LCS2-UEp												
51	2457	UE positioning enhancements - other methods		R2	No	LCS2-UEpc												
52	22002	FS on Enhancements to OTDOA Positioning using advanced blanking methods		R2	No	LCS2-UEpc												
53	50541	Uplink TDOA location determination for GSM/GPRS	Rel6	GP	No	UTDOA												
54	50542	Addition of U-TDOA in the CS domain	Rel6	GP	No	UTDOA-CS												
55	50543	Addition of U-TDOA in the PS domain	Rel6	GP	No	UTDOA-PS												
56	2475	Open SMLC-SRNC Interface within the UTRAN to support UTR/	Rel6	R2	No	LCS-Rel4F												
57	22002	RAN aspects		R2	No	LCS-Rel4Pc												
58	2127	Stage 2		S2	No													
59	1800	(U)SIM toolkit enhancements	NA	T3	No	USAT1												
60	1802	UICC API	NA	T3	No	USAT1-AP												
61	43001	Java API Test specification		T3	No													
62	43003	Java API Test specification (TS 43.019 Rel-5)	Rel5	T3	No													
63	1571	Security enhancements	NA	S3	No	SEC1												

ID	Unique_I	Name	Releas	Resc	Modifi	Acronym	, 2003		Qtr 2, 2003			Qtr 3, 2003			Qtr 4, 2003			Qtr
							Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
64	2026	Enhanced HE control of security (including positive authenticat	Rel6	S3	No													
65	2027	Stage 2		S3	No													
66	2028	FS on Network impacts		N4	No													
67	33006	Network domain security	Rel6	S3	No	SEC1-NDS												
68	33007	IP network layer security (NDS/IP)	Rel6	S3	No	SEC1-NDS												
69	33003	Rel-6 MAP application layer security	Rel6	S3	No	SEC1-MAF												
70	33004	Main aspects		S3	No	SEC1-MAP												
71	33005	Security signalling flows for the Ze interface		N4	No	SEC1-MAP												
72	32021	IMS Phase 2	Rel6	S1	No	IMS2												
73	32027	Stage 2 of IMS Phase 2	Rel6	S2	No													
74	11031	IMS Stage-3 Enhancements	Rel6	N1	No	IMS-CCR-E												
75	11034	Identity portability in IMS		N1	No													
76	11035	IMS Local services		N1	No													
77	11036	IMS Group management (e.g. chat)		N1	No													
78	11037	IMS Conferencing		N1	No													
79	11038	PSS alignment to IMS		N1	No													
80	11039	IMS Messaging		N1	No													
81	11040	Additional SIP Capabilities support not covered by Rel-5		N1	No													
82	11041	Review additional SIP Capabilities against IMS		N1	No													
83	2048	Interworking between IMS and IP networks	Rel6	N3	No	IMS-CCR-I												
84	13004	Interworking for 3GPP_SIP and IETF_SIP		N3	No													
85	13005	Interworking for IPv6 to IPv4		N3	No													
86	2047	Interworking between IMS and CS networks	Rel6	N3	No	IMS-CCR-I												
87	13002	ITU-T Q.1912.SIP (SIP to BICC / ISUP interworking)		N3	No													
88	13003	ITU-T dependency on Q.2150.3 (SCTP)		N3	No													
89	32005	IMS Local services	Rel6	S2	No													
90	32019	Stage 2		S2	No													
91	13011	Mm interface (CSCF to external IP multimedia network)	Rel6	N3	No													
92	11017	CN1 part		N1	No													
93	13013	Mg interface (BGCF to MGCF - interworking with CS)	Rel6	N3	No													
94	14002	Mg interface (BGCF to MGCF - interworking with CS)	Rel6	N1	No													
95	14001	Mn interface (IM-MGW to MGCF) enhancements	Rel6	N4	No	IMS-CCR-M												

ID	Unique_I	Name	Releas	Resc	Modifi	Acronym	, 2003		Qtr 2, 2003			Qtr 3, 2003			Qtr 4, 2003			Qtr
							Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
96	14012	Mp (MRFC - MRFP) interface protocol definitions	Rel6	N4	No	IMS-CCR-M												
97	31022	IMS Messaging	Rel6	S1	No	IMSM												
98	31023	TR on support of messaging in the IMS		S1	No	IMSM-TR												
99	31034	Stage 1 22.340		S1	No	IMSM-TS												
100	31024	CRs to existing 22-series specifications		S1	No	IMSM-CR												
101	31033	CRs to 22.140 & 22.228		S1	No	IMSM-CR												
102	32700	Stage 2		S2	No													
103	31025	IMS Group Management	Rel6	S1	No	IMSGM												
104	31026	TS on IMS group management		S1	No													
105	31036	Study of subscriber and operators relationship in IMS and relat	Rel6	S1	No													
106	33012	Lawful Interception in the 3GPP Rel-6 architecture		S3	No													
107	32015	Radio optimisation impacts on PS domain architecture	Rel6	S2	No													
108	11032	Interoperability and Commonality between IMS using differe	Rel6	N1	No	IMSCOOP												
109	32028	Stage 2		S2	No													
110	11033	Stage 3		N1	No													
111	1365	Support of Push Services	Rel6	S1	No	PUSH												
112	31004	Stage 1		S1	No													
113	32000	TR on feasibility study		S2	No													
114	32701	Stage 2		S2	No													
115	42009	Multimedia Messaging (MMS) enhancements	Rel6	T2	No	MMS6												
116	42010	Definition of service requirements		S1	No													
117	31031	Definition of service requirements charging		S1	No													
118	42011	Technical realization		T2	No													
119	42012	OMA dependencies		T2	No													
120	42013	MMS formats and codecs		S4	No													
121	42005	Rel-6 MExE enhancements	Rel6	T2	No	MEXE6												
122	42006	MExE Rel-6 Improvements and Investigations		T2	No	MEXE6-ENI												
123	42007	MExE Run-Time Independent Framework Feasibility Study		T2	No	MEXE6-RTI												
124	2062	Subscription Management	Rel6	S5	No	SM												
125	2499	Support of Presence Capability	Rel6	S1	No	PRESNC												
126	2501	Stage 1		S1	No													

ID	Unique_I	Name	Releas	Resc	Modifi	Acronym	, 2003		Qtr 2, 2003			Qtr 3, 2003			Qtr 4, 2003			Qtr
							Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
128	2503	Stage 3		N1	No													
129	2504	Security issues		S3	No													
130	2505	USIM issues		T3	No													
131	2506	UE issues		T2	No													
132	31028	Presence Service Enhancements	Rel6	S1	No	PRES1												
133	2527	Emergency calls without UICC/SIM in netw. with IMS	Rel6	S2	No													
134	32014	Stage 2		S2	No													
135	2528	Stage 3 work for CN1		N1	No	EMC-NOSIM												
136	50056	Enhanced A/Gb feasibility study	TBD	GP	No	AGbEnFS												
137	50057	Feasibility study on A/Gb enhancements		G2	No	AGbEnFS-												
138	50080	Requirements for the support of conversational services		GP	No													
139	50084	Identification of the different building blocks for the provision of conversational services		GP	No													
140	50093	Outline of impact and feasibility of these building blocks and their different solutions		GP	No													
141	52081	Identification of the different building blocks for the provision of conversational services		G2	No													
142	52082	Outline of impact and feasibility of these building blocks and their different solutions		G2	No													
143	50081	Impact on 3GPP architecture and requirement to co-ordinate with other TSGs		GP	No													
144	50082	Standardisation effort		GP	No													
145	50083	Dependency to other features		GP	No													
146	50063	Flexible Layer One for GERAN	TBD	GP	No	FLOGGER												
147	50064	Realisation of a Flexible Layer One		GP	No	FLOGGER-R												
148	50065	Technical Report		GP	No													
149	51002	Architecture in 45.001 and 43.051		G1	No													
150	51003	Multiplexing in 45.002		G1	No													
151	51004	Channel Coding in 45.003		G1	No													
152	51005	Performance Requirements in 45.005		G1	No													
153	51006	Radio subsystem link control in 45.008		G1	No													
154	52071	Requirements in 44.004		G2	No													
155	52072	Signalling and protocol support for a Flexible Layer One		G2	No	FLOGGER-S												
156	52073	Modifications to RLC/MAC in 44.060 and 44.160		G2	No													
157	52074	Modifications to RRC in 44.118 and 44.018		G2	No													
158	52075	Security for a Flexible Layer One		3, G2	No	FLOGGER-S												
159	52076	Ciphering in 44.160,44.118, 44.060 and 44.018		3, G2	No													

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160	55077	GERAN MS Conformance test for the Flexible Layer One		4;G5	No	FLOGER-M												
161	55078	MS Test in 51.010		4;G5	No													
162	53079	GERAN BTS Conformance test for the Flexible Layer One		G3	No	FLOGER-B												
163	55079	GERAN BTS Conformance test for the Flexible Layer One		G3	No	FLOGER-E												
164	53080	BTS Test in 51.021		G3	No													
165	50041	Uplink TDOA feasibility study	Rel6	GP	No	TDOAF												
166	2544	Multimedia Broadcast and Multicast Service	Rel6	S1	No	MBMS												
167	2545	Stage 1		S1	No													
168	32002	Stage 2		S2	No													
169	32702	TR on Architectural Study		S2	No													
170	32703	Stage 2 Specification Work		S2	No													
171	2481	Introduction of MBMS in RAN		R2	No	MBMS-RAI												
172	11030	Support of the MBMS in CN protocols		N1	No													
173	33008	Security Aspects of Multimedia Broadcast/Multicast Service (MI		S3	No	MBMS												
174	50085	Support of MBMS in GERAN	Rel6	GP	No	MBMS-GEI												
175	50086	Impact on the logical and physical channels		GP	No													
176	51085	Simultaneous support of MBMS services		G1	No													
177	51086	Simultaneous support of MBMS and non-MBMS services		G1	No													
178	52085	Re-synchronisation at cell change		G2	No													
179	50087	Decision making process between point-to-point or pont-to-multipoint configur.		GP	No													
180	50088	MBMS channel allocations procedures to multiple MSs		GP	No													
181	50089	Changes to the Gb interface		GP	No													
182	50090	GERAN specific changes to the lu-ps interface		GP	No													
183	50091	Interaction between MBMS and lu-flex		GP	No													
184	50092	Security aspects		GP	No													
185	55091	MS conformance tests		G5	No													
186	31006	Speech Recognition and Speech Enabled Services	Rel6	S1	No	SRSES												
187	31007	Speech Enabled Services Based on Distributed Speech Recogn		S1	No	DSR												
188	32999	Stage 2 of DSR		S2	No													
189	11021	SDP protocols extension to include DSR		N1	No													
190	34700	Codec Work to Support Speech Recognition Framework for Au		S4	No	SRSES-Cor												
191	31008	Generic User Profile	Rel6	S1	No	GUP												

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192	31009	Stage 1 - Requirements		S1	No													
193	42002	Stage 2 - Data description framework		T2	No		■	■										
194	32008	Stage 2 - Architecture		S2	No		■	■	■	■								
195	42003	Stage 3 - Common objects		T2	No		■	■	■	■								
196	14008	Stage 3 - Network		N4	No		■	■	■	■								
197	33009	Security Aspects		S3	No		■	■	■									
198	31010	Digital Rights Management	Rel6	S1	No	DRM	■	◆										
199	31011	Requirements		S1	No													
200	31037	Monitoring of Stages 2 and 3 progress (actual work to be done		S1	No		■	■										
201	33001	Security		S3	No		■	■										
202	34017	Codec Aspects		S4	No		■	■										
203	31012	FS on WLAN-UMTS Interworking	Rel6	S1	No	WLAN	■	◆										
204	31020	Technical Report		S1	No	WLAN-TR												
205	31035	CRs to implement WLAN		S1	No	WLAN-CR												
206	32018	WLAN Interworking – Architecture Definition		S2	No		■	■										
207	32704	Security		S3	No		■	■										
208	31015	Priority Service	Rel6	S1	No	PRIOR	■	◆										
209	31016	Feasibility Study		S1	No	PRIOR-FS												
210	31017	Stage 1 - Requirements		S1	No	PRIOR-SR	■	■										
211	31018	Network Sharing	Rel6	S1	No	NTShar												
212	31019	Technical Report		S1	No	NTShar-TR												
213	32016	QoS Improvements	NA	S2	No	QoS1	■	■	■	■	◆							
214	32017	FS on Dynamic Policy control enhancements for end-to-end Qc	Rel6	S2	No	QoS1	■	■	■	■								
215	33002	Support for subscriber certificates	Rel6	S3	No	SEC1-SC												
216	32705	Stage 1		S3	No													
217	32706	Architecture review (name changed from "Stage2")		S2	No													
218	15010	Rel-6 OSA enhancements	Rel6	S1	No	OSA3	■	■	■	■	■	■	■	■	■	■	■	◆
219	15011	Support of a Generic Network Interface Function (Stage 1)		S1	No													
220	15023	Support of a Generic Network Interface Function (Stage 3)		N5	No		■	■	■	■	■	■	■	■	■	■	■	■
221	15016	User Data Management / User data security management (Stag		S1	No		■	■	■	■	■	■	■	■	■	■	■	■
222	15022	User Data Management / User data security management (Stag		N5	No		■	■	■	■	■	■	■	■	■	■	■	■

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224	15024	Retrieval of Visited Network capabilities		N5	No													
225	15025	Access to IP Session information		N5	No													
226	15026	Multi Media Messaging function		N5	No													
227	15027	Enhanced user privacy in LCS		N5	No													
228	15028	Policy management extensions		N5	No													
229	15029	Presence and Availability Management (from the PRESNC WI)		N5	No													
230	15030	Information Services		N5	No													
231	15031	Information Transfer		N5	No													
232	15017	Security		S3	No													
233	1433	Retrieval of Terminal capabilities		S2	No	OSA1-TC												
234	1434	Stage 1		S1	No													
235	1436	Stages 2 and 3		N5	No													
236	2122	Provisioning of the terminal capabilities		T2	No													
237	32033	Handling of early UEs	Rel6	S2	No	LATE_UE												
238	32031	Feasibility Study		S2	No													
239	32032	Stage 2		S2	No													
240	50401	Addition of frequency bands to GSM	Rel6	GP	No	TAPS												
241	50094	Addition of frequency bands to GSM – Changes to core specs	Rel6	G1	No	TAPS-Spe												
242	51102	Changes to core specs		G1	No													
243	54102	Addition of frequency bands to GSM – Changes for conformance		G4	No	TAPS-Cor												
244	54103	51.010-1 Add testing		G4	No													
245	50130	Seamless support of streaming services in A/Gb mode	Rel6	GP	No	SSStrea												
246	51131	Identification of requirements for streaming		G1	No													
247	51133	Requirements		G1	No													
248	51132	Performance study of cell change mechanisms		G1	No													
249	51134	Performance of NACC		G1	No													
250	51135	Performance of cell change in DTM for the PS domain		G1	No													
251	51136	Handover		G1	No													
252	52131	Reduction of service interruption times and packet loss during		G2	No													
253	52133	Optimisations of existing mechanisms/procedures		G2	No													
254	52134	Inter-system NACC		G2	No													
255	52135	PS Handover (within GERAN and between GERAN and UTRAN)		G2	No													

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256	52136	Dependency to other features		G2	No													
257	54131	MS conformance testing		G4	No													◆
258	54132	MS conformance tests		G4	No													◆
259	33013	GERAN A/Gb mode security enhancements		S3	No													
260	34300	Performance characterisation of default codecs for PS conv	Rel6	S4	No	CODCAR												
261	31029	Study of Feature Interactions Requirements	Rel6	S1	No	FINTER												
262	31030	Study on Privacy Capability	Rel6	S1	No	PrivCap												
263	35010	Rel-6 OAM&P	Rel6	S5	No	OAM												◆
264	35011	Rel6 Principles, high level Requirements and Architecture		S5	No	OAM-AR												
265	35012	Rel6 Performance Management		S5	No	OAM-PM												
266	35013	Rel6 User Equipment Management		S5	No	OAM-UEM												◆
267	35020	UEM requirements and architecture; Stages 1 and 2		S5	No													
268	35021	UEM protocol specification; Stage 3		T2	No													
269	33014	Release 6 User Equipment Management: Security aspects		S3	No	OAM-UEM-												
270	35014	Rel6 Network Infrastructure Management		S5	No	OAM-NIM												
271	35015	Rel6 Trace Management		S5	No	OEM-Trace												
272	35016	Charging Management	Rel6	S5	No	CH												◆
273	35017	Charging Management for Bearer level		S5	No	CH-BC												
274	35018	Charging Management for the IMS		S5	No	CH-IC												
275	35019	Charging Management for the Service domain		S5	No	CH-SC												
276	32030	Overall architectural aspects of IP flow based bearer level cha		S2	No													
277	43004	Rel-6 USIM toolkit enhancements	NA	T3	No													
278	502031	C SIM API	Rel6	T3	No	USAT1-AP												
279	502032	Specification		T3	No													
280	502033	Test specification		T3	No													
281	0	----- Rel-4 features listed below -----	Rel4		No													
282	1861	Miscellaneous UE Conformance Testing Activities	NA	T1	No	MISTST1												◆
283	1862	Optimisation of Test Time, RF Aspects (FDD)	el Indep	T1	No	MISTST1-O												
284	1863	Optimisation of Test Time, RF Aspects (TDD)	el Indep	T1	No	MISTST1-O												
285	1907	Extensions to R99 Test cases		T1	No	MISTST1-E												
286	2564	Extension to R99 Test cases - TTCN		T1	No													

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288	2566	Creation of R99 TCs for TDD - TTCN		T1	No													
289	1908	Review all other work items for impact on new or exiting 34 ser		T1	No	MISTST1												
290	1340	Facsimile	Rel4	S1	No	FAX												
291	1341	Real Time Fax		S2	No	FAX-RT												
292	1808	Terminal capabilities, AT commands		T2	No													
293	1343	Signalling aspects (e.g. ICM)		N1	No													
294	1648	Service provision		N3	No													
295	1345	Review whether service/stage 1 aspects need to be aligned		S1	No													
296	1346	Review whether architecture/stage 2 aspects need to be aligned		S2	No													
297	1539	Transparent End-to-End PS mobile streaming application	Rel4	S4	No	PSTREAM												
298	1818	Multimedia Messaging	Rel4	T2	No	MMS												
299	136	Definition of service requirements		S1	No	MMS												
300	1819	Review of definition of service requirements		T2	No													
301	1820	Technical Realisation		T2	No													
302	1821	Review of definition of reference Achitecture model		T2	No													
303	1822	"Fulfill Requirements of Stage 1"		T2	No													
304	1823	Definition of MMS primitives in Stage 2		T2	No													
305	1541	Transcoder-Free Operation	Rel4	N4	No	TrFO												
306	112	OoBTC solution		N4	No	TRFO-OOE												
307	1512	implementation in UTRAN		R3	No	TRFO-OOE												
308	896	Impact on architecture, Principles and Terminology		S2	No													
309	1657	Codec Negotiation between UE and MSC		N1	No													
310	115	Codec Negotiation inter MSC		N4	No													
311	894	Bearer establishment inter MSC		N4	No													
312	905	Speech Transcoder: Location and Control at the UMTS Core Ne		S2	No	TRFO-STL												
313	124	Transcoder at Edge		NP	No													
314	2310	GERAN improvements 1 (Gb over IP)	Rel4	GP	No	GEIMP1												
315	2311	Gb over IP (Ip-fication of Gb)		GP	No	GbIP												
316	2312	Concept		GP	No													
317	2313	Changes to 08.16, 08.18		GP	No													
318	2314	GERAN improvements 2 (NACC)	Rel4	GP	No	GEIMP2												
319	2315	Gb enhancements		GP	No	Gben												

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320	2316	Intra BSC NACC (Network Assisted Cell Change)		GP	No													
321	2420	Concept		GP	No													
322	2317	Changes in 03.64		GP	No													
323	2318	Changes in 04.60		GP	No													
324	2319	Changes in 44.008		GP	No													
325	0	Start Testing			No													
326	50030	MS conformance test for Intra BSC NACC		GP	No	GEIMP2-M												
327	50099	Changes in 51.010		5;G4	No													
328	2324	GERAN improvements 4 (Delayed TBF)	Rel4	GP	No	GEIMP4												
329	2325	Gb enhancements 2		GP	No	GEIMP4-G												
330	2429	stage 2		GP	No													
331	2421	Stage 3 (changes in 44.060)		G2	No													
332	2327	Definition of enhanced countdown procedure		G2	No													
333	2328	Definition of enhanced TBF release procedure		G2	No													
334	2329	Definition of USF=FREE type polling mechanism on PDCH		G2	No													
335	1222	Low Chip Rate TDD option	Rel4	R1	No	LCRTDD												
336	1223	Physical layer		R1	No	LCRTDD-P												
337	1224	Layer 2 and layer 3 protocol aspects		R2	No	LCRTDD-L												
338	1225	RF radio transmission/reception, system performance requirem		R4	No	LCRTDD-RI												
339	1227	UE radio access capability		R2	No	LCRTDD-UI												
340	1228	Iub/Iur protocol aspects		R3	No	LCRTDD-Iu												
341	2262	Low chiprate TDD interworking with GERAN			No													
342	2263	Handover and Cell Selection / Reselection to UTRA 1.28 Mcps TDD			No													
343	1911	Start Testing		VLST	No													
344	2103	Conformance Test Aspects - Low Chip Rate TDD		T1	No													
345	2217	Testing Layer 2 and layer 3 protocol aspects		T1	No													
346	2562	Testing Layer 2 and layer 3 protocol aspects - TTCN		T1	No													
347	2218	Testing RF Radio Transmission and Reception		T1	No													
348	1322	Enable bearer independent CS architecture	Rel4	S2	No	CSSPLIT												
349	1323	Enable bearer-independent call control		N4	No													
350	1516	Architecture and Stage 2 description		S2	No													
351	1325	Standardisation of protocols (control & user planes) over Nb interface		N3	No													

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352	1326	Standardisation of protocols over reference points between MSC server and		N4	No													
353	1616	Standardisation of detailed stage 2 description		N4	No													
354	1327	Bearer control between MSC server and MGW		N4	No													
355	1328	stage 3 - protocol issues		N4	No													
356	1329	stage 3 - parameter value issues		N3	No													
357	1331	Lawful interception		S3	No													
358	1918	Start Testing		VLST	No													
359	2052	Conformance Test Aspects - Enable bearer independent CS arc		T1	No	CSSPLIT-TI												
360	1445	MExE enhancements Rel-4	Rel4	T2	No	MEXE												
361	1447	MExE Security Analysis Activity		S3	No	MEXE-SEC												
362	2045	Stage 3		S3	No	MEXE1-SEC												
363	1448	Terminal aspects		T2	No													
364	1810	MExE Rel4 Improvements and Investigations		T2	No	MEXE-ENH												
365	1812	3rd MExE classmark		T2	No													
366	1814	FS on Secure download mechanism and capabilities to support SDR concepts		T2	No													
367	1815	FS on Support of MP3/MPEG4 content		T2	No													
368	41003	Conformance testing of MExE capability (Feasibility study)	Rel4	T1	No													
369	1631	Tandem Free aspects for 3G and between 2G and 3G system	Rel4	S4	No	TFO												
370	1632	Tandem Free AMR		S4	No	TFO-AMR												
371	130	Specification		S4	No													
372	907	Impact on:		NP	No													
373	131	CN		NP	No													
374	132	GERAN		GP	No													
375	2230	Advanced Speech Call Items enhancements_REL-4	Rel4	N1	No	ASCI												
376	2232	Stage 2		N4	No													
377	2231	Stages 2 and 3 on A interface		N1	No													
378	2403	700 MHz spectrum support	Rel4	GP	No	700SS												
379	2404	GERAN support for the 700 MHz band		GP	No													
380	2405	Signalling support		GP	No													
381	2406	Physical layer definitions		GP	No													
382	2407	Receiver performance and RF budget		GP	No													
383	2408	GERAN MS Conformance test for 700 MHz band		GP	No													

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384	2409	MS test		GP	No													
385	2410	GERAN BTS Conformance test for 700 MHz band		GP	No													
386	2411	BTS test		GP	No													
387	2463	Operator Determined Barring for Packet Oriented Services	Rel4	NP	No	ODB												
388	2546	UMTS QoS Architecture for PS Domain	Rel4	S2	No	QoS												
389	2548	Architecture		S2	No													
390	2550	Charging and OAM&P for QoS Management		S5	No	QoS-OA												
391	1681	RAB Quality of Service (re)Negotiation over Iu		R3	No	QoS-M												
392	1991	RAB Quality of Service Negotiation over Iu		R3	No	QoS-MA												
393	2456	RAB Quality of Service Negotiation over Iu during relocation		R3	No	QoS-MA												
394	1992	RAB Quality of Service Re-Negotiation over Iu		R3	No	QoS-MA												
395	1553	GERAN QoS Aspects - Handovers: maintenance of real-time QoS		GP	No	GERQoS												
396	2306	Handover Concept for the PS domain		GP	No													
397	2309	Stable RT handover report 25.936 including header removal		GP	No													
398	2307	Update of stage 2		GP	No													
399	2308	Update of relevant stage 3 specs -> RRC		G2	No													
400	50010	GERAN MS Conformance test for inter-system and intra-system		R3	No	GERQoS-I												
401	50011	Handover for the PS domain		R3	No													
402	50012	Stable RT handover report 25.936 including header removal		R3	No													
403	50013	Update of stage 2		R3	No													
404	50014	Update of relevant stage 3 specs		R3	No													
405	1685	PS-domain handover for real-time services		R3	No	QoS-PS												
406	2554	RAB QoS Renegotiation at Relocation		R3	No													
407	1993	small Technical Enhancements and Improvements for Rel4	Rel4	neric	No	TEI4												
408	400002	Rel-4 Evolutions of the transport in the UTRAN	NA	RP	No	ET												
409	12	QoS optimisation for AAL2 connections over Iub and Iur interfa	Rel4	R3	No	ET-Qo												
410	1995	Transport bearer modification procedure on Iub, Iur, and Iu	Rel4	R3	No	ET-Mic												
411	401834	Conformance Test Aspects of Rel-4 evolutions of the transport i		T1	No													
412	2208	Testing RAB support enhancements		T1	No	CT-RABS?												
413	400004	Rel-4 Evolutions of the transport in the CN	NA	N4	No	CNTRSP												
414	859	IP Transport of CN protocols (e.g., CAP, MAP)	Rel4	N4	No	SS7IP												
415	1679	Stage 3		N4	No													

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416	2018	CAP		N2	No													
417	2019	MAP		N4	No													
418	2253	BSSAP+		N1	No	SS7IP-BSS												
419	1513	FS on Transport and control separation in the PS CN domain	Rel4	S2	No													
420	1615	Architectural impacts		S2	No													
421	401216	Rel-4 Improvements of Radio Interface	NA	RP	No	RInImp												
422	1509	UTRA repeater specification (master)	Rel4	R4	No	RInImp-REF												
423	1994	DSCH power control improvement in soft handover	Rel4	R1	No	RInImp-DSCH												
424	1996	UMTS 1800	el indep	R4	No	RInImp-UMTS												
425	2467	UMTS 1900	el indep	R4	No	RInImp-UMTS												
426	1219	FS on High Speed downlink packet access		R2	No	RInImp-HSC												
427	1510	FS on improved common DL channel for Cell-FACH state		R2	No	RInImp-DLC												
428	401839	Conformance Test Spec. Rel-4 improvements in Radio Interface		T1	No													
429	2212	Testing Improved usage of downlink resource in FDD for CCTrCHs of dedicated		T1	No													
430	2213	Testing Terminal Power saving features		T1	No													
431	2214	Testing DSCH power control improvement in soft handover	Rel4	T1	No													
432	2215	Testing UMTS 1800	el indep	T1	No													
433	41000	Testing UMTS 1900	el indep	T1	No													
434	2561	Testing UMTS 1800 - TTCN	el indep	T1	No													
435	41001	Testing UMTS 1900 - TTCN	el indep	T1	No													
436	400009	Rel-4 RAN improvements	NA	RP	No	RANimp												
437	655	Node B synchronisation for TDD	Rel4	R1	No	RANimp-NE												
438	2206	RAB support enhancement for Rel-4	Rel4	R2	No	RANimp-R/												
439	401912	Start Testing		VLST	No													
440	402102	Conformance Test Aspects - Rel-4 RAN Improvements		T1	No													
441	402222	Testing Radio access bearer support enhancements		T1	No													
442	402461	Testing RAB support enhancements-Robust Header Compression	Rel4	T1	No	RABimp-Rc												
443	41006	Testing RAB support enhancements-Robust Header Compression - TTCN	Rel4	T1	No													
444	41007	Testing of Extended Robut Header Compression	Rel4	T1	No	Ext-RoHC												
445	41008	Testing of Extended Robut Header Compression - TTCN	Rel4	T1	No													
446	401652	Rel-4 Emergency call enhancements	NA	N1	No	EMC1												
447	1654	For CS based calls	Rel4	N1	No	EMC1-CS												

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448	1320	Distinction in CS domain of emergency call types to different emergency servi		S1	No													
449	1999	Distinction in CS domain of emergency calls to different emergency types		N1	No													
450	402224	Conformance Test Aspects - Emergency call enhancements		T1	No													
451	2226	Testing CS based emergency calls		T1	No													
452	2563	Testing CS based emergency calls - TTCN		T1	No													
453	401826	Rel-4 Terminal interfaces	NA	T2	No	TI												
454	1827	AT commands enhancements	Rel4	T2	No	TI-ATC												
455	1828	Specification of AT commands for new services		T2	No													
456	1829	Wide Area Data Synchronisation	NA	T2	No	TI-WADS												
457	1830	Continues evolution of Synchronisation protocol	Rel4	T2	No	TI-SYNC-E'												
458	1832	Terminal local model	Rel4	T2	No	TLM												
459	401536	Rel-4 Location Services enhancements	NA	S2	No	LCS1												
460	2229	CBS interactions	Rel4	T2	No	LCS1-CBS												
461	523	LCS support in the CS domain	Rel4	S2	No	LCS1-CS												
462	525	LCS support in the PS domain	Rel4	S2	No	LCS1-PS												
463	1642	Stage 1		S1	No													
464	1181	Stage 2		S2	No													
465	1180	Stage 3		N1	No													
466	526	Layer 3 LCS signaling UE (MS) -SGSN (UMTS PS and and GSM-GPRS)		N1	No													
467	2462	MAP impacts of LCS		N4	No													
468	527	GTP signaling for LCS		N4	No													
469	401600	UE positioning Rel-4	NA	RP	No	LCS1-UEp												
470	1601	lub/lur interfaces for methods Rel 99	Rel4	R3	No	LCS1-UEp												
471	1602	UE positioning enhancements - IPDL for TDD	Rel4	R2	No	LCS1-UEp												
472	401560	Rel-4 UICC/(U)SIM enhancements and interworking	NA	T3	No	UICC1												
473	1799	Common PCN Handset Specification (CPHS)	Rel4	T3	No	UICC1-CPH												
474	401800	Rel-4 (U)SIM toolkit enhancements	NA	T3	No	USAT1												
475	2034	USAT local link	Rel4	T3	No	USAT1-Lo												
476	401571	Rel-4 Security enhancements	NA	S3	No	SEC1												
477	1587	Evolution of GSM CS algorithms (e.g. A5/3 development and de	Rel4	S3	No	SEC1-CSA												
478	1588	Evolution of GSM PS algorithms (e.g. GEA 2 deployment)	Rel4	S3	No	SEC1-PSA												
479	1589	Main aspects		S3	No													

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480	1618	Impact on GTP		N4	No													
481	1661	GEA capability indication in MS CM		N1	No	SEC1-PSA												
482	401583	MAP application layer security	Rel4	S3	No	SEC1-MAF												
483	401584	Main aspects		S3	No													
484	402025	Other stage 3 aspects		N4	No													
485	401594	CHECK STATUS - Visibility and Configurability of security	Rel5	S3	No	SEC1-VCS												
486	401142	Rel-4 Charging and OAM&P	NA	S5	No	OAM												
487	2089	Rel4 Principles, high level Requirements and Architecture	Rel4	S5	No	OAM-AR/PI												
488	2088	Rel4 Performance Management	Rel4	S5	No													
489	2081	Fault Management	Rel4	S5	No													
490	2082	Configuration Management	Rel4	S5	No	OAM-CM												
491	2083	Rel4 Charging Management	Rel4	S5	No	OAM-CH												
492	2071	UTRAN Operations and Maintenance procedures	Rel4	S5	No	UOAM												
493	1517	Global Text Telephony	Indep	S2	No	GTT												
494	1634	Stage 1		S1	No													
495	1519	Stage 2		S2	No													
496	2234	Specification of Cellular Text telephone Modem		S4	No	GTT-CTM												
497	2238	General description and C-code		S4	No													
498	2237	Minimum Performance requirements		S4	No													
499	1915	Start Testing		VLST	No													
500	1852	Conformance Test Aspects - Global Text telephony		T1	No													
501	34021	Enhanced Tandem Free Operation	Rel6	S4	No	eTFO												
502	34022	Packet Switched Streaming Services Rel-6	Rel6	S4	No	PSSrel6												
503	34023	AMR-WB extension for high audio quality	Rel6	S4	No	AMRWB+												
504	0	----- Rel-5 features listed below -----	Rel5		No													
505	625	IP transport in the UTRAN	Rel5	R3	No	ETRAN-IPtr												
506	2455	FS on Usage of SUA	Rel5	N4	No	SS7IP												
507	2476	High Speed Downlink Packet Access	Rel5	R2	No	HSDPA												
508	2477	Physical Layer		R1	No	HSDPA-Ph												
509	2478	Layer 2 and 3 aspects		R2	No	HSDPA-L2:												
510	2479	lub/lur protocol aspects		R3	No	HSDPA-lub												

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512	501216	Rel-5 Improvements of Radio Interface	NA	RP	No	RInImp												
513	1471	Base station classification	Rel5	R4	No	RInImp-B5												
514	1477	TDD Base station classification		R4	No	RInImp-BS0												
515	24002	Base Station Classification for 1.28 Mcps TDD option		R4	No	RInImp-BS0												
516	2469	Enhancement on the DSCH hard split mode	Rel5	R1	No	RInImp-DS0												
517	1217	Hybrid ARQ II/III	Rel5	R2	No	RInImp-HAF												
518	1221	FS on USTS	Rel5	R1	No	RInImp-UST												
519	1997	FS on UE antenna efficiency test method performance requirem	Rel5	R4	No	RInImp-UE/												
520	2494	FS on the re-introduction of the downlink SIR measurement	Rel5	R4	No	RInImp-SIR												
521	2493	FS on mitigating the effect of CPICH interference at the UE	Rel5	R4	No	RInImp-CPI0												
522	1839	Conformance Test Spec. improvements in Radio Interface		T1	No													
523	2210	Testing improvement of inter-frequency and inter-system measurement	Rel5	T1	No													
524	2211	Testing Hybrid ARQ II/III	Rel5	T1	No													
525	500009	Rel-5 RAN improvements	NA	RP	No	RANimp												
526	656	RRM optimization for lur and lub	Rel5	R3	No	RANimp-R												
527	23000	lur common transport channel efficiency optimisation		R3	No	RANimp-RF												
528	23001	lur neighbouring cell reporting efficiency optimisation		R3	No	RANimp-Rf												
529	23002	FS Introduction of direct transport bearers between SRNC and Node-B		R3	No	RAN-imp-R												
530	2488	RL Timing Adjustment	Rel5	R3	No	RANimp-RL												
531	2489	Separation of resource reservation and radio link activation	Rel5	R3	No	RANimp-Se												
532	23003	FS SRNS Relocation Procedure Enhancement	Rel5	R3	No	RANimp-SR												
533	2490	FS Improvement of Radio Resource Management across RNS a	Rel5	R3	No	RANimp-Imj												
534	2491	Re-arrangements of lub transport bearers	Rel5	R3	No	RANimp-TT												
535	22000	RAB support enhancement for Rel-5	Rel5	R2	No	RANimp-R/												
536	21001	Beamforming requirements for UE	Rel5	R1	No	RANimp-BF												
537	21002	Support of Site Selection Diversity Transmission in UTRAN	Rel5	R1	No	RANimp-SS												
538	2472	Node B Synchronisation for 1.28 Mcps TDD	Rel5	R1	No	RANimp-NE												
539	1912	Start Testing		VLST	No													
540	2102	Conformance Test Aspects - RAN Improvements		T1	No													
541	2222	Testing Radio access bearer support enhancements		T1	No													
542	23004	UTRAN Sharing in Connected Mode	Rel5	R3	No	NETSHARE												
543	1273	Provisioning of IP-based multimedia services	NA	S1	No	IMS												

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544	1274	Call control and roaming to support IMS in UMTS	Rel5	S2	No	IMS-CCR												
545	1633	Stage 1		S1	No													
546	1514	Stage 2 (Architecture and Main flows)		S2	No													
547	1296	Impact on MM/CC/SM		N1	No	IMS-CCR-IV												
548	2233	SIP Call Control protocol for the IMS		N1	No													
549	1998	IMS signalling flows		N1	No													
550	1278	IMS stage 3		N1	No													
551	2255	IMS Session Handling; stage 2		N1	No													
552	10004	Main IETF dependencies		NP	No													
553	2521	IETF: draft-ietf-sip-rfc2543bis (Session Initiation Protocol)		N1	No													
554	2523	IETF: draft-sip-100rel		N1	No													
555	2522	IETF: draft-sip-manyfolks-resource (Without COMET)(Integration of re		N1	No													
556	2524	IETF: draft-ietf-sip-privacy (SIP extensions for caller identity and priv		N1	No													
557	2525	IETF: draft-ietf-sip-call-auth (SIP extensions for media authorization)		N1	No													
558	11000	IETF: draft-ietf-sip-events (specific event notification)		N1	No													
559	11001	IETF: draft-ietf-sip-refer (refer method)		N1	No													
560	11002	IETF: draft-ietf-dhc-dhcpv6 (DHCP options for SIP servers)		N1	No													
561	11003	IETF: draft-ietf-sip-replaces (SIP replaces header)		N1	No													
562	11004	IETF: draft-ietf-avt-rtp-amr (AMR and AMR WB RTP and SDP)		N1	No													
563	11005	IETF: draft-ietf-mmusic-sdp-new (IPv6 support within SDP)		N1	No													
564	11022	IETF: draft-ietf-sip-update		N1	No													
565	11023	IETF: draft-jennings-sipping-nai (Network Asserted Identity)		N1	No													
566	11024	IETF: p-header drafts for 3GPP (Various 3GPP dependencies)		N1	No													
567	1290	Addressing		S2	No													
568	1291	Architectural issues		S2	No													
569	1292	Impact on HSS		N4	No													
570	2530	Service Examples		S1	No	IMS-Sex												
571	2531	IMS Framework Report		S1	No	IMS-FrWk												
572	1298	Access Security for IMS	Rel5	S3	No	IMS-ASEC												
573	33000	SA3 task		S3	No													
574	43000	IMS impacts on UICC (ISIM application)		T3	No													
575	11014	SIP extensions for Integrity protection		N1	No													

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576	2574	Security Aspects of Requirement for Network Configuration Inc	Rel5	S3	No	SEC1-NCI												
577	1299	Lawful interception	Rel5	S3	No	IMS-LI												
578	35007	Charging and OAM&P for IMS	Rel5	S5	No	IMS-OAM												
579	2036	Multimedia codecs and protocols for conversational PS service	Rel5	S4	No	IMS-CODE												
580	2039	Codecs		S4	No													
581	34020	Transport protocols	Rel5	S4	No	IMS-CODEC												
582	34006	recommendation for QoS parameter values for various media types		S4	No													
583	11025	IETF: draft-ietf-sip-digest-aka		N1	No													
584	11026	IETF: draft-ietf-sip-sec-agree		N1	No													
585	32003	SIP message compression	Rel5	S2	No													
586	32004	Stage 2		S2	No													
587	11015	Compression signalling		N1	No													
588	10001	Stage 3 description of IMS interfaces	Rel5	NP	No													
589	1286	Cx interface (HSS to CSCF)		N4	No													
590	14997	Mp interface (MRFC - MRFP) enhancements		N4	No													
591	11016	Mw interface (CSCF to P-CSCF)		N1	No													
592	11018	Mr interface (CSCF to MRF)		N1	No													
593	14003	Dx interface (I-CSCF to SLF)		N4	No													
594	13001	Go interface (GGSN to PCF)		N3	No													
595	11019	ISC (IMS Service Control) Interface		N1	No													
596	14006	Sh interface (HSS to AS)		N4	No													
597	14998	Si interface (HSS to IM-SSF)		N4	No													
598	11020	Gm interface (UE to CSCF)		N1	No													
599	11027	Mi interface (CSCF to BGCF)		N1	No													
600	11028	Mj interface (BGCF to MGCF)		N1	No													
601	11029	Mk interface (BGCF to BGCF)		N1	No													
602	1310	Support of VHE/OSA by entities and protocols of the IMS (e.g. C	Rel5	N5	No	IMS-ONOS,												
603	12000	CAMEL control of IMS services	Rel5	N2	No	IMS-CAME												
604	12001	Stage2 work 'general'		N2	No													
605	12002	Stage3 work 'CAP'		N2	No													
606	12003	Stage2 work 'Si interface'		N2	No													
607	12004	Stage3 work 'Si interface'		N4	No													

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608	14004	SDM issues for CAMEL control of IMS		N4	No													
609	31002	Pre-pay/real-time charging in IMS	TBD	S1	No													
610	35005	Charging	Rel5	S5	No	OAM-CH												
611	32006	Charging Implications of IMS architecture		S2	No													
612	35006	Charging management for IMS (off-line & on-line)	Rel5	S5	No	OAM-CH												
613	10002	Other IETF dependencies	Rel5	NP	No													
614	11011	IETF: draft-ietf-aaa-diameter - should be CN4		NP	No													
615	11999	IETF: draft-johansson-aaa-diameter-mm-app - should be CN4		NP	No													
616	1913	Start Testing	Rel5	VLST	No													
617	1844	Conformance Test Aspects - Provisioning of IMS		T1	No	IMS-TEST												
618	41004	Testing of support for IMS - prose	Rel5	T1	No													
619	41005	Testing of support for IMS - TTCN	Rel5	T1	No													
620	34001	Extended Transparent End-to-End PS Streaming Service	Rel5	S4	No	PSS-E												
621	34002	Stage 1		S1	No													
622	31032	Interaction with other services		S1	No													
623	34003	Stage 2 (version Rel5 of TS 26.234)		S4	No													
624	34019	RTP usage model		S4	No													
625	501637	Rel-5 OSA enhancements	NA	S1	No	OSA1												
626	32010	General Stage 2 for Rel5		S2	No													
627	1429	OSA APIs for Multimedia Call Control	Rel5	S2	No	OSA1-CSC												
628	1430	Stage 1		S1	No													
629	15002	(Multimedia) Call Control - Stages 2 and 3		N5	No													
630	15003	Generic user interaction - Stage 3	Rel5	N5	No													
631	15004	Charging - Stage 3	Rel5	N5	No													
632	15007	Call Control Service Mapping; Multiparty Call Control SIP - Sta	Rel5	N5	No													
633	15999	WSDL APIs for SOAP/HTTP - Stage 3	Rel5	N5	No													
634	1419	OSA security	Rel5	S3	No	OSA1-SEC												
635	2121	Stage 1		S1	No													
636	1421	Stage 3		S3	No													
637	1422	security related SCF(s) definition		N5	No													
638	1423	(possibly) changes required from supporting platforms, e.g. gsmSCF, HLR		S3	No													
639	401424	Interactions OSA - e-commerce	Rel5	S2	No	OSA1-ECC												

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640	1425	Stage 1		S1	No													
641	1529	Stages 2 and 3		N5	No													
642	15005	Policy Management - Stage 3	Rel5	N5	No													
643	15006	Presence and Availability Management (PAM) - Stage 3	Rel5	N5	No													
644	1786	CHECK STATUS - LCS - OSA interfaces	Rel5	S1	No	OSA1-LCS												
645	1787	Stage 1		S1	No													
646	2124	Stage 2		S2	No													
647	1788	Stage 3		N5	No													
648	1638	CAMEL phase 4	Rel5	S1	No	CAMEL4												
649	1461	Service requirements		S1	No													
650	2012	Call Party Handling		N2	No	CAMEL4-CI												
651	2013	Mid call procedure for MO and MT calls		N2	No	CAMEL4-MI												
652	2014	Interactions with Optimal Routing		N2	No	CAMEL4-IC												
653	2015	Inclusion of flexible tone injection		N2	No	CAMEL4-IF												
654	2016	CSE control over MT SMS		N2	No	CAMEL4-CI												
655	2460	Notification of GPRS mobility management to CSE		N2	No	CAMEL4-NI												
656	2458	Provision of location information of called subscriber		N2	No	CAMEL4-LC												
657	2514	Inclusion of ODB data in the CSE_HLR interface		N2	No	CAMEL4-OI												
658	2515	Location information during an ongoing call (Handover DP)		N2	No	CAMEL4-HI												
659	2516	GPRS Any Time Interrogation		N2	No	CAMEL4-AI												
660	2599	Transfer of IMEI (with SW version) to CSE		N2	No	CAMEL4-AI												
661	12005	Handling of partial implementations of CAMEL4		N2	No	CAMEL4-SI												
662	2464	Rel-5 MExE enhancements	Rel5	T2	No	MEXE5												
663	2466	MExE Rel-5 Improvements and Investigations		T2	No	MEXE5-ENI												
664	1625	Wideband Telephony Service - AMR	Rel5	S4	No	AMRWB												
665	62	Specification		S4	No													
666	31005	Stage 1		S1	No													
667	32007	Stage 2		S4	No													
668	1459	Design Constraints		S4	No													
669	1460	General Description		S4	No													
670	1626	Feasibility Study		S4	No													
671	1656	N1 Aspects		N1	No													

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672	14005	N4 work		N4	No													
673	67	Codec issues		S4	No													
674	1627	Codec qualification		S4	No													
675	74	Codec selection tests		S4	No													
676	891	Codec selection		S4	No													
677	34007	TFO AMR-WB		S4	No	AMRWB-TF												
678	890	Other codec issues (verif., characterisation)		S4	No													
679	34008	AMR-WB and narrowband interworking		S4	No	AMRWB-IV												
680	34009	Interworking with fixed broadband networks		S4	No													
681	34010	Tones and announcements		S4	No													
682	34011	WB Conferencing and WB Voice Group calls		S1	No													
683	34012	Billing, accounting and call detail record aspects	Rel5	S5	No													
684	1989	Start Testing		VLST	No													
685	1855	Conformance tests (CRs to 34 series)		T1	No													
686	76	Terminal Acoustic Characteristics		S4	No													
687	1628	Definition		S4	No													
688	1629	Test specification		S4	No													
689	34004	Floating-point ANSI-C code for the AMR-WB speech codec		S4	No	AMRWB-FI												
690	80	Support of AMR-WB in GERAN: GMSK and 8PSK WB FR / HR		GP	No	GAMRWB												
691	50098	Channel coding in 45.003		GP	No													
692	2266	Signalling for the A interface		GP	No													
693	2267	Signalling for lu		GP	No													
694	2268	Receiver performance in TS 45.005		GP	No													
695	50000	Link Adaptation in 45.009		GP	No													
696	2269	GERAN MS conformance test for AMR-WB		GP	No													
697	2270	MS test		GP	No													
698	2271	GERAN BTS conformance test for AMR-WB		GP	No													
699	2272	BTS test		GP	No													
700	2573	Terminal local model enhancements	Rel5	T2	No	TLM5												
701	1536	Rel-5 Location Services enhancements	Rel5	S2	No	LCS1												
702	1600	UE positioning		NA	RP	No	LCS1-UEp											
703	2474	UE positioning enhancements for 1.28 Mcps TDD	Rel5	R2	No	LCS-128Pc												

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704	2125	Open SMLC-SRNC Interface within the UTRAN to support A-GPS Positioning	Rel5	R2	No	LCS-INTF												
705	1171	Event based and Periodic LCS	Rel5	S1	No	LCS1-EBP												
706	1641	Stage 1		S1	No													
707	1538	Stage 2 specification		S2	No													
708	1179	Impact on MAP		N4	No													
709	2436	Location Services for GERAN in A/Gb Mode	Rel5	GP	No	LCS-GERA												
710	2437	GERAN LCS Stage 2 (first release)		i1;G2	No													
711	2438	Gb interface support for LCS		GP	No													
712	2440	L3 protocol support for LCS		GP	No													
713	2441	Stage 3 specifications		GP	No													
714	2442	Location Services for GERAN in lu Mode	Rel5	GP	No													
715	2443	GERAN LCS Stage 2		i1;G2	No													
716	2444	lu-ps interface support for LCS		i1;G2	No													
717	2445	lu-cs interface support for LCS		i1;G2	No													
718	2446	lur-g interface support for LCS		i1;G2	No													
719	2447	RRC protocol support for LCS		i1;G2	No													
720	2448	Additional impacts on Broadcast of LCS data on packet channels		i1;G2	No													
721	2449	Stage 3 specifications		i1;G2	No													
722	50068	GERAN MS Conformance test for LCS		GP	No	LCS-GERA												
723	55069	Develop LCS MS test case work plan (Release 98/99/4)		i4;G5	No													
724	55070	Develop LCS MS test cases		i4;G5	No													
725	50069	GERAN BTS Conformance test for LCS		GP	No	LCS-GERA												
726	55071	Develop LCS BTS test case work plan (Release 98/99/4)		i4;G5	No													
727	55072	Develop LCS BTS test cases		i4;G5	No													
728	544	LCS interoperation stage 2 aspects		S2	No													
729	2434	LCS interoperability aspects to GERAN	Rel5	GP	No	LCS-GERA												
730	2435	Co-ordinated development of GSM LCS Phase 2 and UMTS LCS, S2 and GER		i2;G1	No	LCS-GERA												
731	1183	FS on LCS support in the IMS		S1	No													
732	35008	Charging and OAM&P for LCS enhancements	Rel5	S5	No	LCS1-OAM												
733	521	New security aspects of LCS (not identified)	Rel5	S3	No	LCS1-SEC												
734	32011	Specification for the Le Interface	Rel5	S2	No	LCS1-Le												
735	32022	CHECK STATUS - Inter-GMLC interface		S2	No													

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736	501571	Rel-5 Security enhancements	NA	S3	No	SEC1												
737	1576	Network domain security	Rel5	S3	No	SEC1-NDS												
738	1577	Control plane protection in core network (e.g., GTP, CAP, MAP/IP, provided by		S3	No													
739	1578	Main aspects		S3	No													
740	1579	Integration of GTP signalling security architecture		N4	No													
741	1580	User plane protection in core network (e.g., provided by IPsec)		S3	No													
742	1581	Main aspects		S3	No													
743	1582	Integration of GTP signalling security architecture		N4	No													
744	2576	IP network layer security (NDS/IP)		S3	No	SEC1-NDS-												
745	2243	Intra Domain Connection of RAN Nodes to Multiple CN Nodes	Rel5	S2	No	IUFLEX												
746	2244	Overall System Architecture		S2	No													
747	20000	Stage 3: RAN node selecting CN node		R3	No													
748	2248	N1 work		N1	No													
749	2249	N4 work		N4	No													
750	50067	GERAN work for Intra Domain Connection of RAN Nodes to Multiple CN Nodes	Rel5	GP	No	IDCRAN-GI												
751	51068	Stage 2 (changes to)		G1	No													
752	51069	43.051 Introduction of support for IDNNS in GERAN lu mode		G1	No													
753	52070	Stage 3 (changes to)		G2	No													
754	52077	48.016 Use of Gb interface concepts when a network applies IDNNS		G2	No													
755	52078	48.018 Include MSC/VLR identity in CS IMSI paging		G2	No													
756	2320	GERAN improvements 3 (new transport layer on interface A)	Rel5	GP	No	GEIMP3												
757	2321	Evolution of the transport for A		GP	No	GEIMP3-EI												
758	2322	Definition of a new A/Ater interface Transport Layer option based on the lu In		GP	No													
759	2323	Adaptation of the Layer 3 BSSMAP procedures as required		GP	No													
760	501142	Rel-5 Charging and OAM&P	NA	S5	No	OAM												
761	35002	Rel5 Principles, high level Requirements and Architecture	Rel5	S5	No	OAM-AR/PI												
762	35003	Rel5 Performance Management	Rel5	S5	No	OAM-PM												
763	35004	Rel5 Charging Management	Rel5	S5	No	OAM-CH												
764	35001	Rel5 Network Infrastructure Management	Rel5	S5	No	OAM-NIM												
765	2392	GERAN enhancements for streaming services 1 (RLC enhar	Rel5	GP	No													
766	2394	Concept		GP	No													
767	2395	RLC protocol enhancement (SDU Discard)		GP	No													

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768	2396	GERAN enhancements for streaming services 2 (usage of E	Rel5	GP	No													
769	2398	Usage of ECSD Concept		GP	No													
770	2399	Stage 2		GP	No													
771	2400	Stage 3		GP	No													
772	2401	RLC PDU formats		GP	No													
773	2402	MAC header		GP	No													
774	2412	GERAN/UTRAN interface evolution 1 (evolution of lu PS)	Rel5	P;R3	No	GERUEV1												
775	2413	Evolution of lu ps		P;R3	No	GERUEV1-												
776	2414	Identification of GERAN requirements on lu ps		P;R3	No													
777	2415	Update of specifications		P;R3	No													
778	2416	GERAN/UTRAN interface evolution 2 (evolution of lu CS)	Rel5	P;R3	No	GERUEV2												
779	2417	Evolution of lu cs		P;R3	No	GERUEV2-												
780	2418	Identification of GERAN requirements on lu cs		P;R3	No													
781	2419	Update of specifications		P;R3	No													
782	2556	End to End QoS for PS Domain including IMS	Rel5	S2	No	E2EQoS												
783	2557	E2E QoS Concept and Architecture		S2	No													
784	2558	E2E QoS interworking		N3	No	E2EQoS-IW												
785	2559	QoS Management (Provisioning and Monitoring)	Rel5	S5	No	E2EQoS-O												
786	2569	Messaging enhancements Rel-5	Rel5	T2	No	MESS5												
787	2571	Multimedia Messaging (MMS) enhancements		T2	No	MESS5-MI												
788	31000	Definition of service requirements	Rel5	S1	No	MESS5-SR												
789	42000	Technical realization		T2	No													
790	42008	WAP Forum dependency: MM1 stage 3		T2	No													
791	34018	MMS formats and codecs		S4	No													
792	2572	Enhanced Messaging Service (EMS) enhancements		T2	No	MESS5-EM												
793	31001	Definition of service requirements		S1	No													
794	42001	Technical realization		T2	No													
795	50001	GERAN Inter BSC NACC improvements over the Gb Interfac	Rel5	GP	No	GERNACC												
796	14501	Modification of core network protocols for GERAN Inter BSC NA		I4;S2	No	GERNACC												
797	32502	Stage 2 - Concept		I4;S2	No													
798	14502	Stage 2 - 23.060 change - Definition of Inter BSC NACC		I4;S2	No													
799	14503	Stage 3 (changes to TS 29.060)		N4	No													

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800	50002	Modification of Gb protocols for GERAN Inter BSC NACC over G		GP	No	GERNACC												
801	50003	Stage 3 (changes to TS 48.018)		GP	No													
802	50033	Enhanced Power Control	Rel5	GP	No	EPC												
803	50034	Realization of Enhanced power control and signaling support		GP	No													
804	50035	GERAN MS Conformance test for Enhanced Power Control		GP	No													
805	50036	GERAN BTS Conformance test for Enhanced Power Control		GP	No													
806	50037	8PSK AMR HR	Rel5	GP	No	8PSK-AH												
807	50038	Definition of channel coding, performance requirements and si		GP	No													
808	50061	Concept		GP	No													
809	52004	Changes to 44.018		G2	No													
810	51025	Changes to 45.001		G1	No													
811	51026	Changes to 45.002		G1	No													
812	51027	Changes to 45.003		G1	No													
813	51028	Changes to 45.005		G1	No													
814	52005	Changes to 24.008		G2	No													
815	52006	Changes to 48.058		G2	No													
816	50039	GERAN MS Conformance test for 8PSK HR		GP	No													
817	50040	GERAN BTS Conformance test for 8PSK HR		GP	No													
818	13000	Service Change and UDI Fallback	Rel5	N3	No	SCUDIF												
819	501800	Rel-5 USIM toolkit enhancements	NA	T3	No	USAT1												
820	43002	Test specification for USIM toolkit security mechanims		T3	No													
821	1801	Protocol Standardisation of a SIM Toolkit Interpreter	Rel5	T3	No	USAT1-Inf												
822	2497	Stage 1		T3	No													
823	2496	Stage 2 and 3		T3	No													
824	2518	Test specification		T3	No													
825	501802	(U)SIM API	NA	T3	No	USAT1-AP												
826	5043001	Java API Test specification		T3	No													
827	30001	small Technical Enhancements and Improvements for Rel5	Rel5	neric	No	TEI5												
828	31013	Technical Report on UE Functionality Split	Rel5	S1	No	UESPLIT												
829	2520	User Equipment Management	NA	S5	No	UEM												
830	35000	FS on User Equipment (UE) Management	Rel5	S5	No	OAM-UEM												

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832	50102	Update of stage 2 specifications		GP	No													
833	32097	Concept document 23.060 (changes to)		S2	No													
834	50103	Flow Control		GP	No													
835	50104	Modification of BSSGP protocol		GP	No													
836	52095	Stage 3 (changes to 48.018)		G2	No													
837	50058	Multiple TBF in A/Gb mode	Rel5	GP	No	MULTBF	◆											
838	50059	Multiple TBF in A/Gb mode		GP	No	MULTBF-	◆											
839	50060	Multiple TBF Concept paper		GP	No		◆											
840	51001	Multiple TBF Stage 2 (43.064) CRs		G1	No		◆											
841	50062	Multiple TBF Stage 3 (44.060) CRs		G2	No		◆											
842	50106	Multiple TBF in A/Gb mode – MS testing		GP	No		◆											
843	54101	MS conformance tests		G4	No		◆											
844	2345	Alignment of 3G functional split and lu	Rel5	GP	No	GER3GAL	◆											
845	2346	GERAN user / control plane		GP	No	GER3GAL-	◆											
846	2347	Alignment with UMTS bearer concept		GP	No		◆											
847	50300	Enhanced power control		GP	No		◆											
848	2423	Stage 2		GP	No		◆											
849	2348	Adoption of the UTRAN PDCP		GP	No		◆											
850	50043	Development of RLC / MAC		GP	No		◆											
851	50044	Development of GERAN RRC		GP	No		◆											
852	50045	Ciphering and integrity protection concept paper		GP	No		◆											
853	50046	Multiple TBF or equivalent Concept paper		GP	No		◆											
854	50047	Paging concept		GP	No		◆											
855	50048	Dedicated Physical subchannels, includes traffic and control channels		GP	No		◆											
856	50049	lu support and broadcast concept		GP	No		◆											
857	50050	Impact of using RLC instead of LAPDm concept		GP	No		◆											
858	50051	Contention resolution, mobile station identity, and access concept		GP	No		◆											
859	50052	PDCP concept		GP	No		◆											
860	50053	Downlink delayed TBF release		GP	No		◆											
861	50054	Add transparent RLC Concept		GP	No		◆											
862	50055	Handover concept		GP	No		◆											
863	2424	Physical layer alignment with UMTS bearer concept		GP	No		◆											

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864	2356	PDTCH/TCH in 45.003		GP	No													
865	2357	Control channels in 45.003		GP	No													
866	2358	Receiver performance in 45.005 for PDTCH/TCH and control channels		GP	No													
867	2359	lu rg interface		P;RP	No	GER3GAL												
868	2425	Inter BSS interface		P;RP	No													
869	2360	Identification of requirements		GP	No													
870	2361	Stage 2		GP	No													
871	2362	Adoption of relevant parts from lur		GP	No													
872	2363	Complementation with GERAN specifics		GP	No													
873	2364	Stage 3		GP	No													
874	2426	Inter BSS-RNS interface		P;RP	No													
875	2365	Identification of requirements		!P;R3	No													
876	2366	Stage 2		!P;R3	No													
877	2367	Adoption of relevant parts from lur		!P;R3	No													
878	2368	Complementation with GERAN specifics		!P;R3	No													
879	2369	Stage 3		!P;R3	No													
880	2370	Voice over GERAN PS and CS concept		P;R3	No													
881	2371	Architecture for A, lu cs and lu ps		!P;R3	No													
882	2372	Transcoder position/operation		GP	No													
883	2373	Handover		!P;R3	No													
884	2374	RTP payload		!P;R3	No													
885	2375	Codec renegotiation concept		!P;R3	No													
886	2376	LA		GP	No													
887	2388	GERAN MS Conformance test for GERAN interface evolution		GP	No													
888	2389	MS test		GP	No													
889	2390	GERAN BSS Conformance test for GERAN interface evolution		GP	No													
890	2391	BSS test		GP	No													
891	2330	GERAN support for IMS	Rel5	GP	No	GERIMS												
892	2331	GERAN Header adaptation		2;RP	No	GERIMS-HI												
893	2332	Definition of compression and removal modes for PDCP protocol		!2;RP	No													
894	2333	Conceptual description in stage 2		!2;RP	No													
895	2334	Necessary changes on stage 3 regarding header removal		!2;RP	No													

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896	2335	GERAN Radio access bearer design for IMS		2;RP	No	GERIMS-R/												
897	2422	MuM control signalling for conversational multimedia services		2;RP	No													
898	2431	Identification of requirements		2;RP	No													
899	2337	Necessary modifications due to SIP		2;RP	No													
900	2341	GERAN MS Conformance test for support of IMS		GP	No	GERIMS-M												
901	2342	MS test		G4	No													
902	2343	GERAN BTS Conformance test for support of IMS		GP	No	GERIMS-B												
903	2344	BTS test		G3	No													
904	54001	MS Conformance Testing of Dual Transfer Mode	NA	4;G5	No	MSCTDTM												
905	51101	Single Antenna Receiver Interference Cancellation (SAIC)	Rel6	G1	No	SAIC												
906	50500	Support of Conversational Services in A/Gb mode via the P	Rel6	GP	No	SCSAGB												
907	50501	Creation of a TR		GP	No	SCSAGB-T												
908	50502	Stage 2		GP	No	SCSAGB-S												
909	50503	Radio Channel Support		GP	No	SCSAGB-R												
910	50504	Definition of radio resource management functionality		P;G2	No	SCSAGB-R												
911	50505	PS Handover		GP	No	SCSAGB-P												
912	50506	Modifications to FLO		P;G2	No	SCSAGB-F												



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