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:

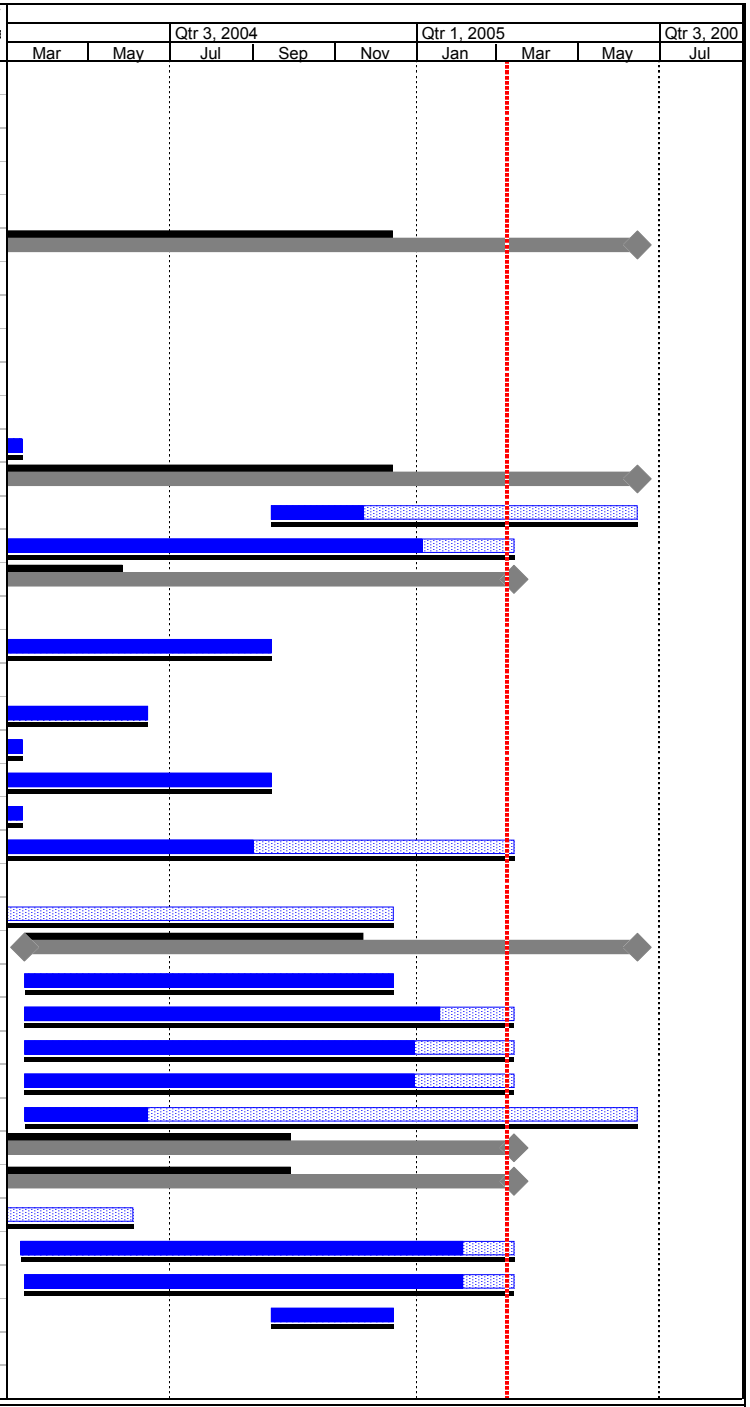
Work_plan_cover_050309.doc Cover page - contains explanations and informations on last changes

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

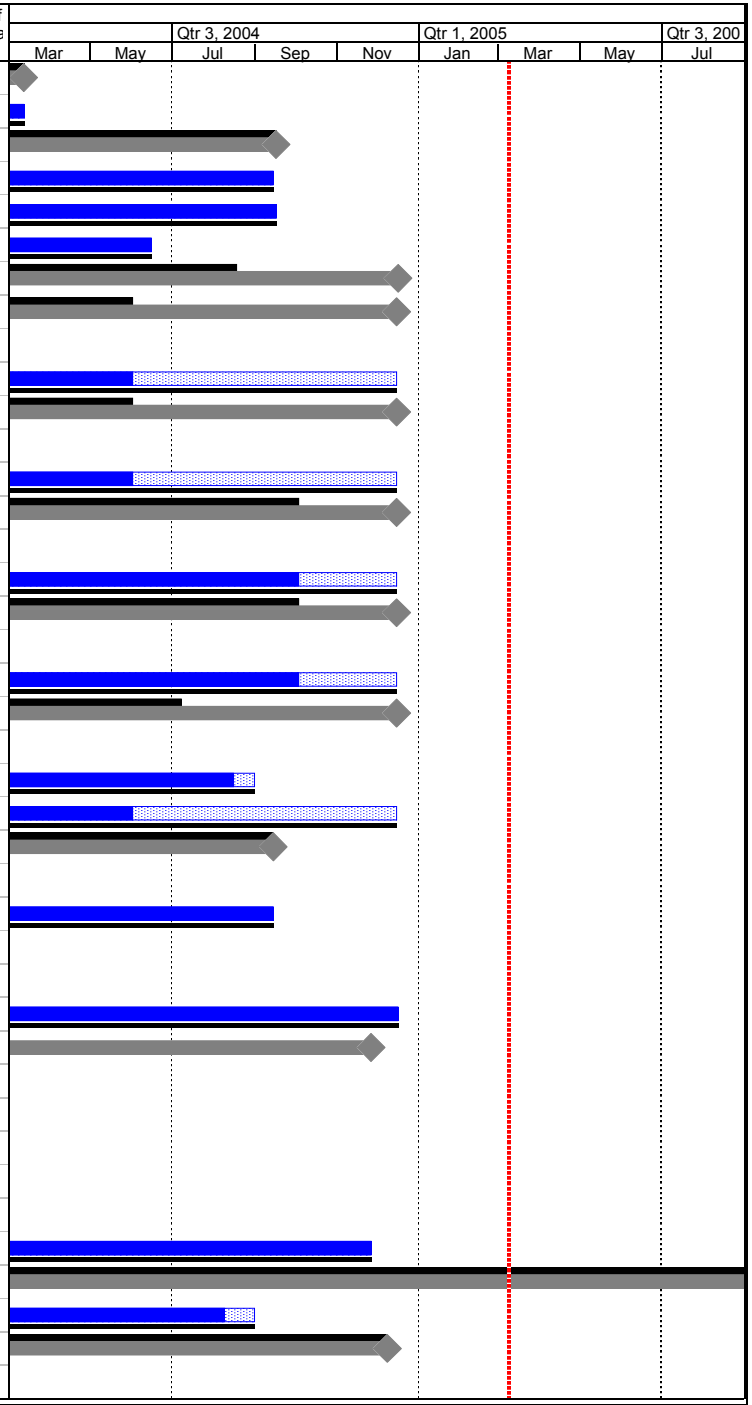
Work_Plan_3GPP_Rel6_050309.xls Work Plan in Excel format (contains most of the WI attributes but not the Gantt chart)

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

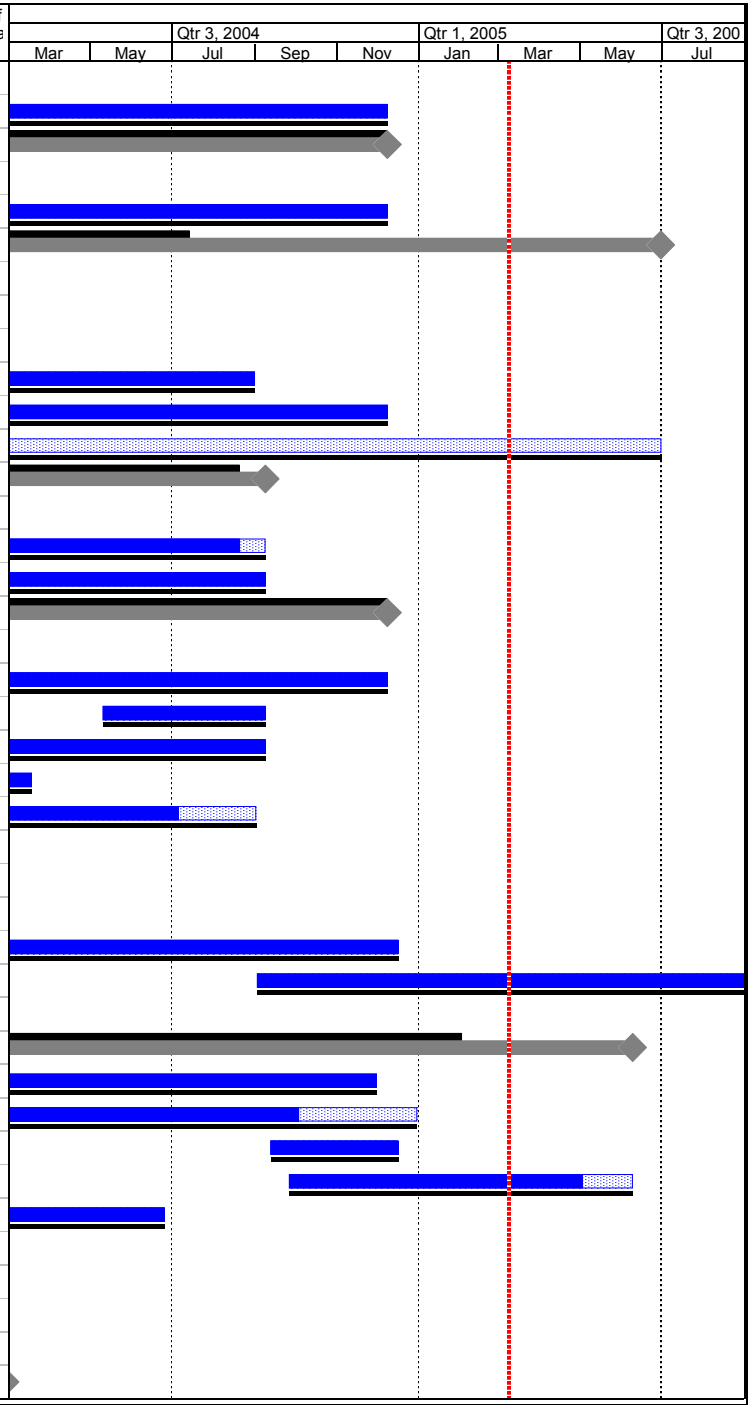
ID		Jnique_ID	Name	Release	Early	Resource Names	Modifie	Acronym	Level of Approva
1		2044	**VERSION 2005 March 9th**		No		No		
2		1462	**"CTRL + a" to display all the 3GPP fields**		No		No		
3		2058	**Content of Rel-6 and Rel-7. Not frozen.**		No		No		
4		0			No		No		
5		2	**Rel-6 Evolutions of the transport 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-BSClass**	**TSG**
9		1476	FDD Base station classification	Rel-6	No	R4	No	RInImp-BSClass-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 f	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-RIperf	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 I**	Rel-6	No	R1	No	RInImp-FSVHCRTDI	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 methods**	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 Iub/Iur Pr**	Rel-6	No	R3	No	EDCH-IurIub	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*	
40		20999	**Beamforming Enhancements**	Rel-6	No	R1	No	RANimp-BFE	TSG



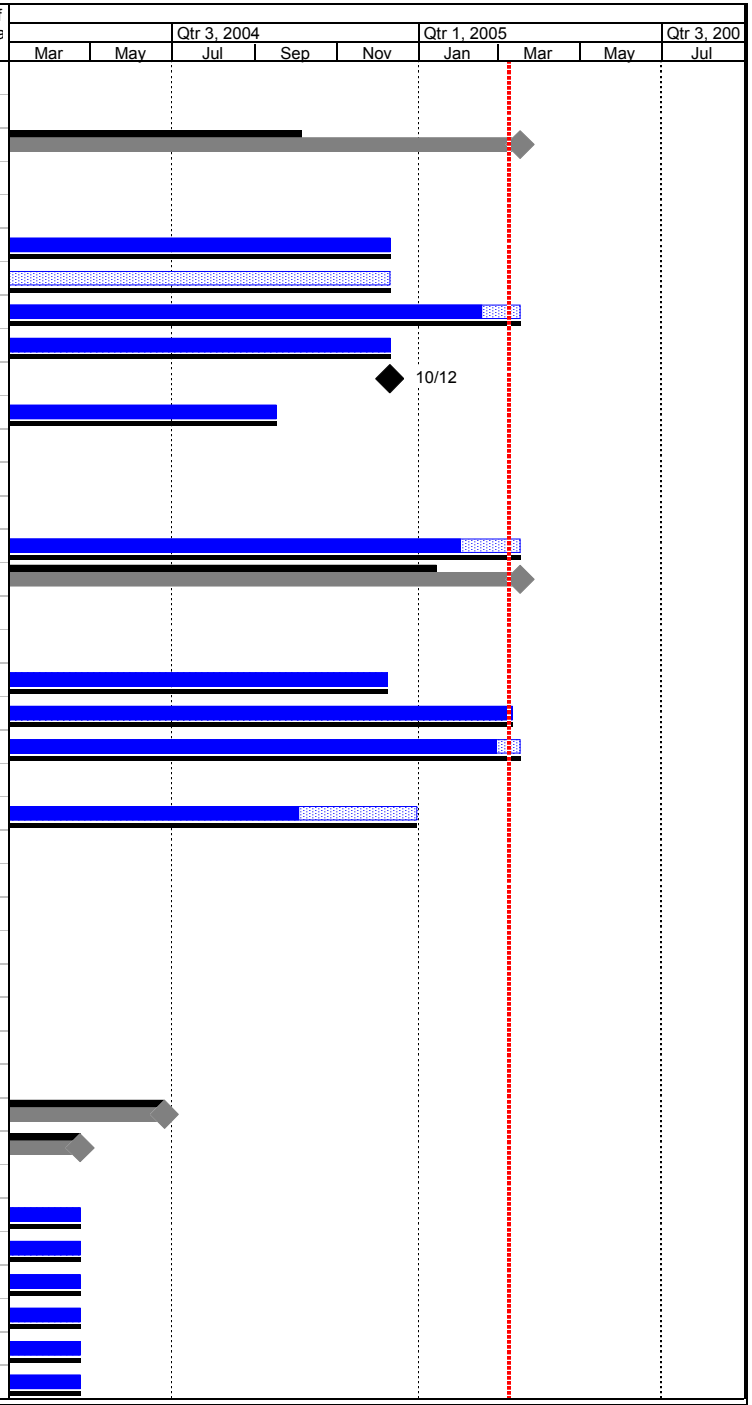
ID	Jnique_ID	Name	Release	Early	Resource Names	Modifie	Acronym	Level of Approva
41	**23012**	**Rel6 RRM optimization for Iur and Iub**	**Rel-6**	**No**	**R3**	**No**	**RANimp-RRMopt**	**TSG**
42	23014	Improved access to UE measurement data for CR	Rel-6	No	R3	No	RANimp-RRMopt-UE	TSG
43	**23010**	**Remote 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-AGPSP(	TSG
67	22002	FS on Enhancements to OTDOA Positioning using	Rel-6	No	R2	No	LCS2-UEpos-FSBlan	TSG
68	*2457*	*Deleted - UE positioning enhancements - other m*	*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	SECGKYV	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



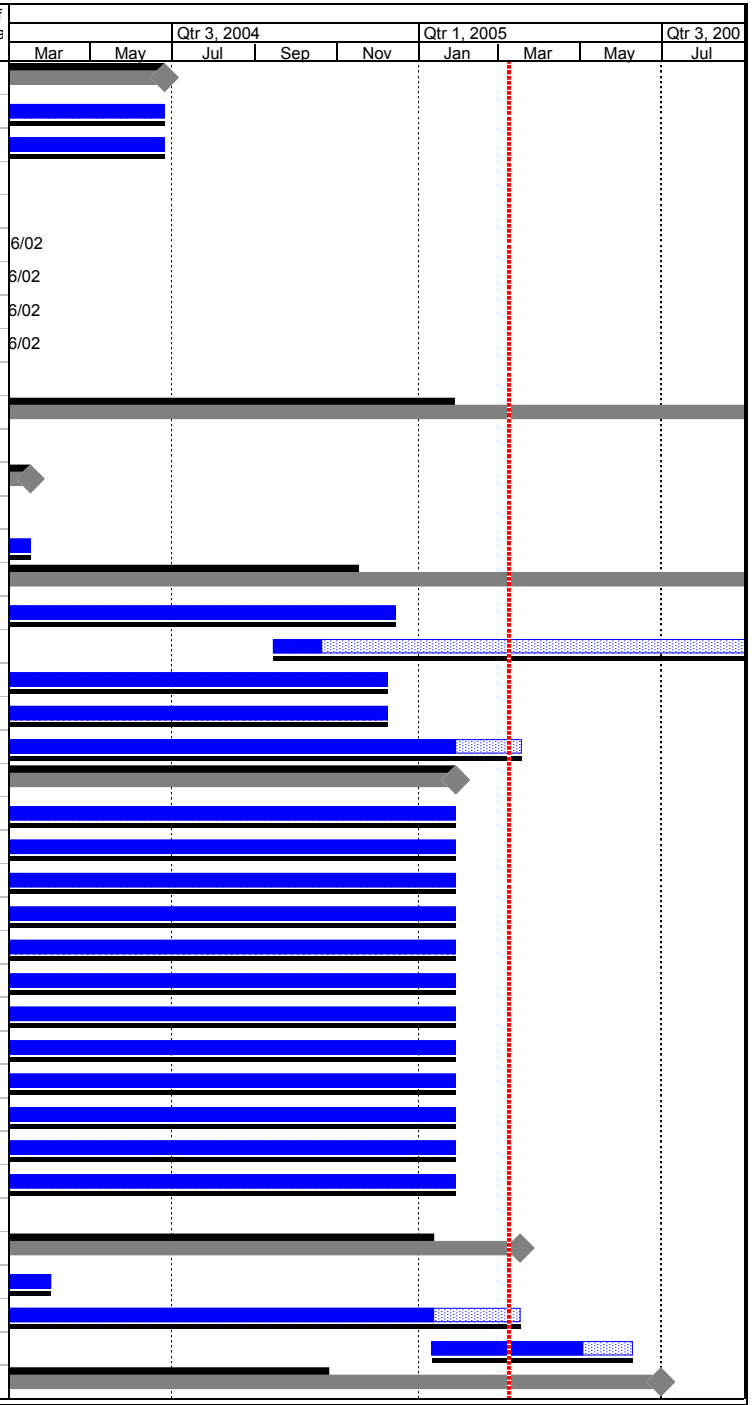
ID	Jnique_ID	Name	Release	Early	Resource Names	Modifie	Acronym	Level of Approva
81	32036	Stage 2	Rel-6	No	S2	No		
82	11036	Stage 3 for IMS Group management (e.g. chat)	Rel-6	No	N1	Yes		
83	**11037**	**IMS Conferencing**	**Rel-6**	**No**	**N1**	**No**		
84	32037	Stage 2	Rel-6	No	S2	No		
85	32038	Stage 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*	*Deleted - Stage 2 of IMS Phase 2*	*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**



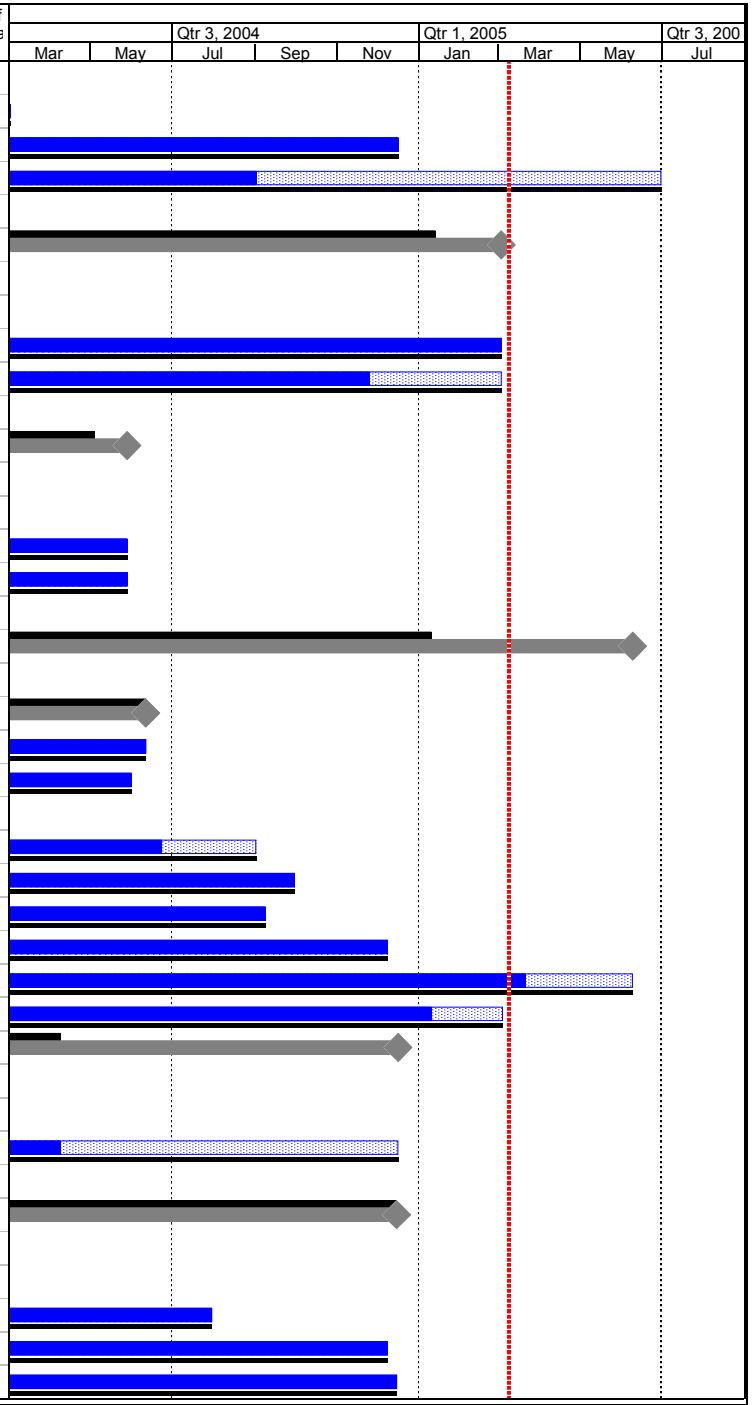
ID		Jnique_ID	Name	Release	Early	Resource Names	Modifie	Acronym	Level of Approva
121		31004	**Stage 1**	Rel-6	No	S1	No		
122		32701	**TR 23.976 on Push Architecture**	Rel-6	No	S2	No		
123		**42009**	**Multimedia Messaging (MMS) enhancem**	**Rel-6**	**No**	**T2**	**No**	**MMS6**	**TSG**
124		**42010**	**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	*Deleted - FS Multiple MMS Relay/Server Architecture*	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		



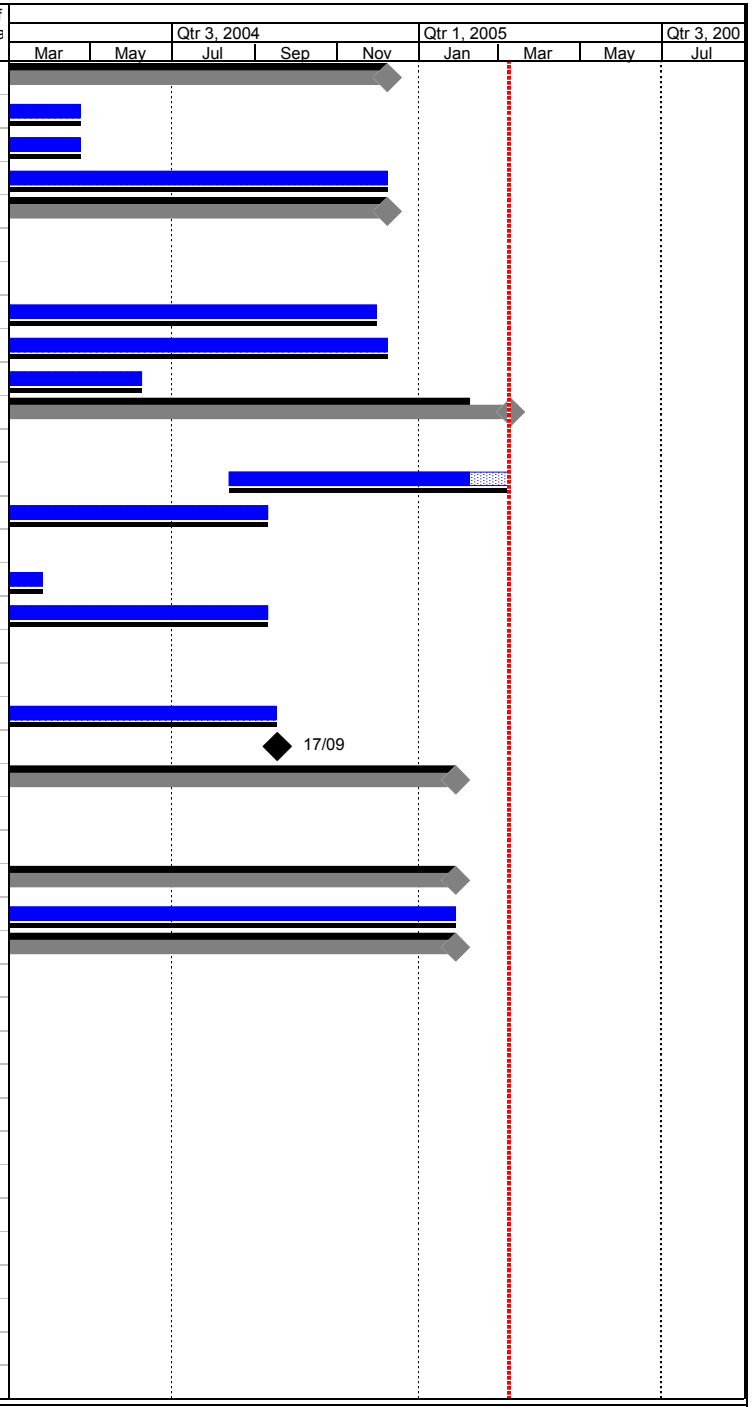
ID	Jnique_ID	Name	Release	Early	Resource Names	Modifie	Acronym	Level of Approva
161	**52072**	**Signalling and protocol support for a Flex**	**Rel-6**	**No**	**G2**	**No**	**FLOGER-SigPro**	
162	52073	Modifications to RLC/MAC in 44.060 and 44.160	Rel-6	No	G2	No		
163	52074	Modifications to RRC in 44.118 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***	
167	*55078*	*deleted at TSG #27 - MS Test in 51.010*	*Rel-6*	*No*	*G4,G5*	*Yes*		
168	***55079***	***Deleted at TSG#27 - GERAN BTS Conforn***	***Rel-6***	***No***	***G3***	***Yes***	***FLOGER-BTSconf***	
169	*53080*	*Deleted at TGS #27 - BTS Test in 51.021 - DELET*	*Rel-6*	*No*	*G3*	*Yes*		
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 Iu-ps interface	Rel-6	No	GP	Yes		
192	50091	Interaction between MBMS and Iu-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,	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 Enable**	**Rel-6**	**No**	**S1**	**No**	**SRSES**	**TSG**



ID	Jnique_ID	Name	Release	Early	Resource Names	Modifie	Acronym	Level of Approva
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*	*Deleted - SES codec negotiation at SDP*	*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*	***Deleted - Monitoring of Stages 2 and 3 pr***	*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



ID		Jnique_ID	Name	Release	Early	Resource Names	Modifie	Acronym	Level of Approva
241		**32016**	**QoS Improvements**	**Rel-6**	**No**	**S2**	**No**	**QoS1**	**TSG**
242		32017	**FS on Dynamic Policy control enhanceme**	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 certific**	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 Releas**	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*	*Deleted - TR on Presence and Availability Managemer*	*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***	*Deleted at TSG #27 - Addition of frequency l*	***Rel-6***	***No***	***G4***	***Yes***	***TAPS-Conf***	
266		*54103*	*Deleted at TSG #27 - 51.010-1 Add testing*	*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 mechai**	**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 ai**	**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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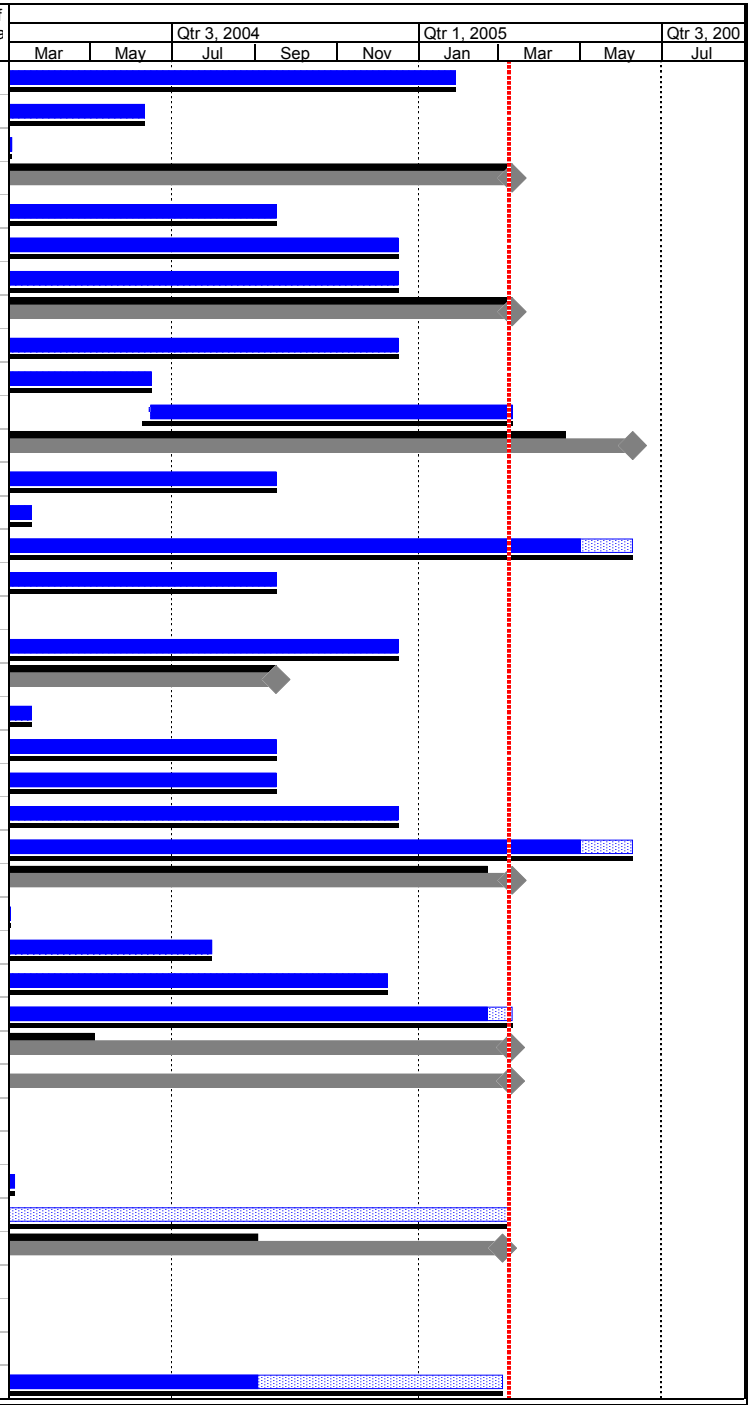
281		33013	**GERAN A/Gb mode security enhancemen**	Rel-6	No	S3	No		
282		34300	**Performance characterisation of default**	Rel-6	No	S4	No	CODCAR	TSG
283		31030	**Study on Privacy Capability**	Rel-6	No	S1	Yes	PrivCap	TSG
284		**35010**	**OAM&P Rel-6**		**No**	**S5**	**No**	**OAM**	**TSG**
285		35011	**Principles, 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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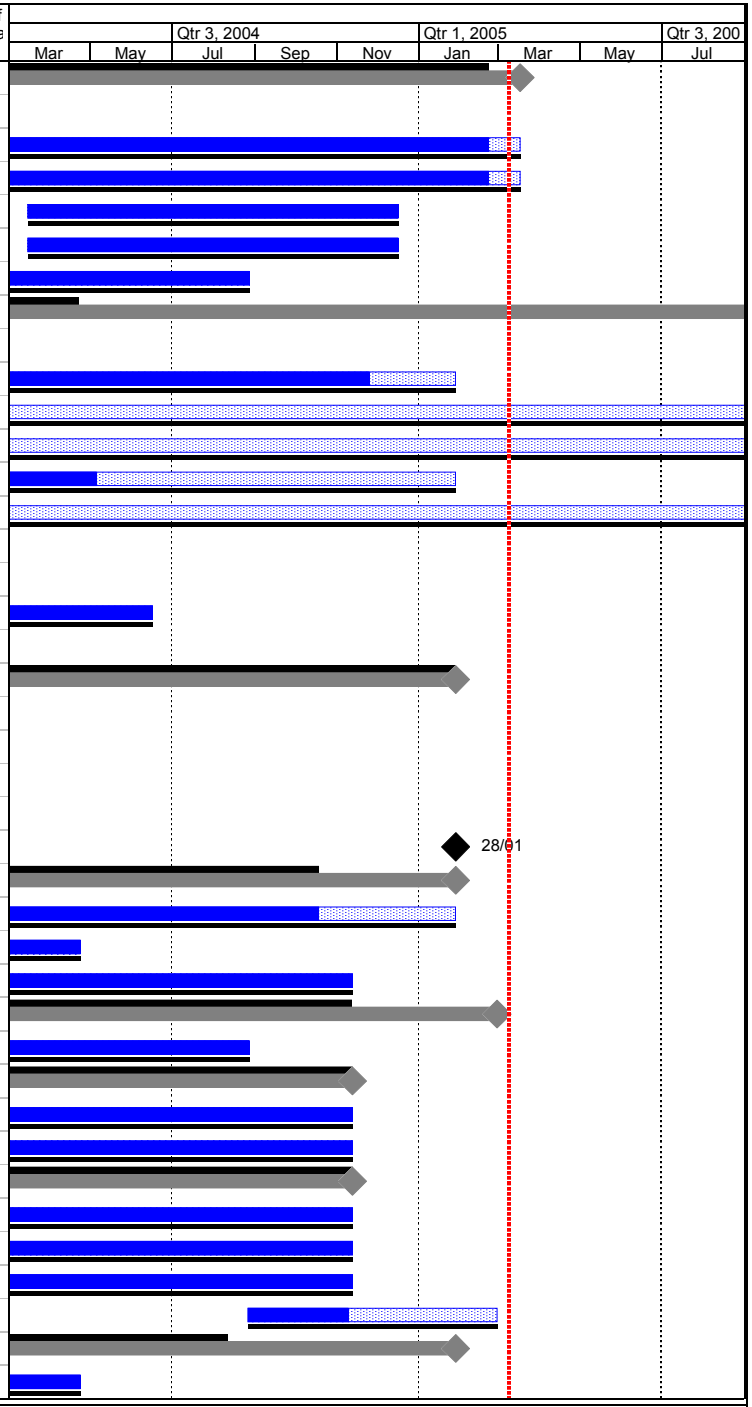
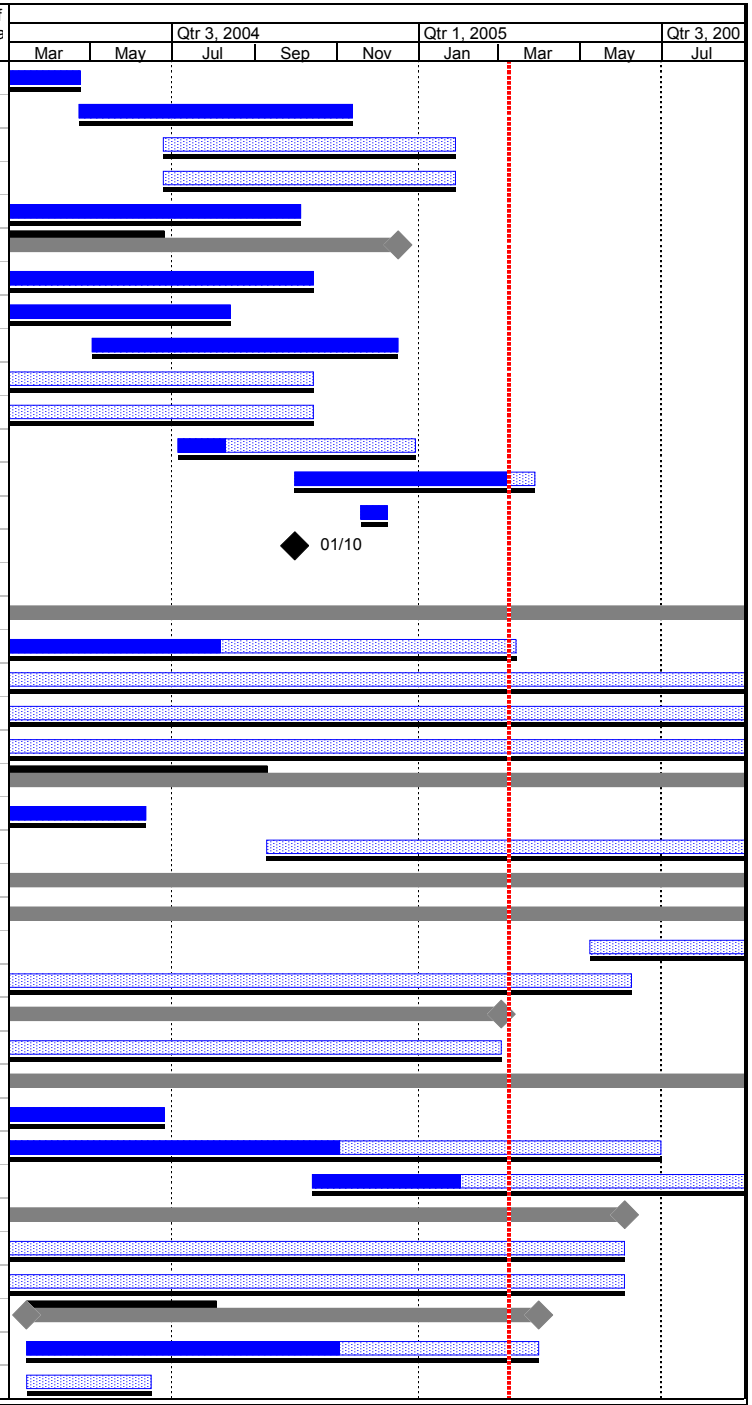
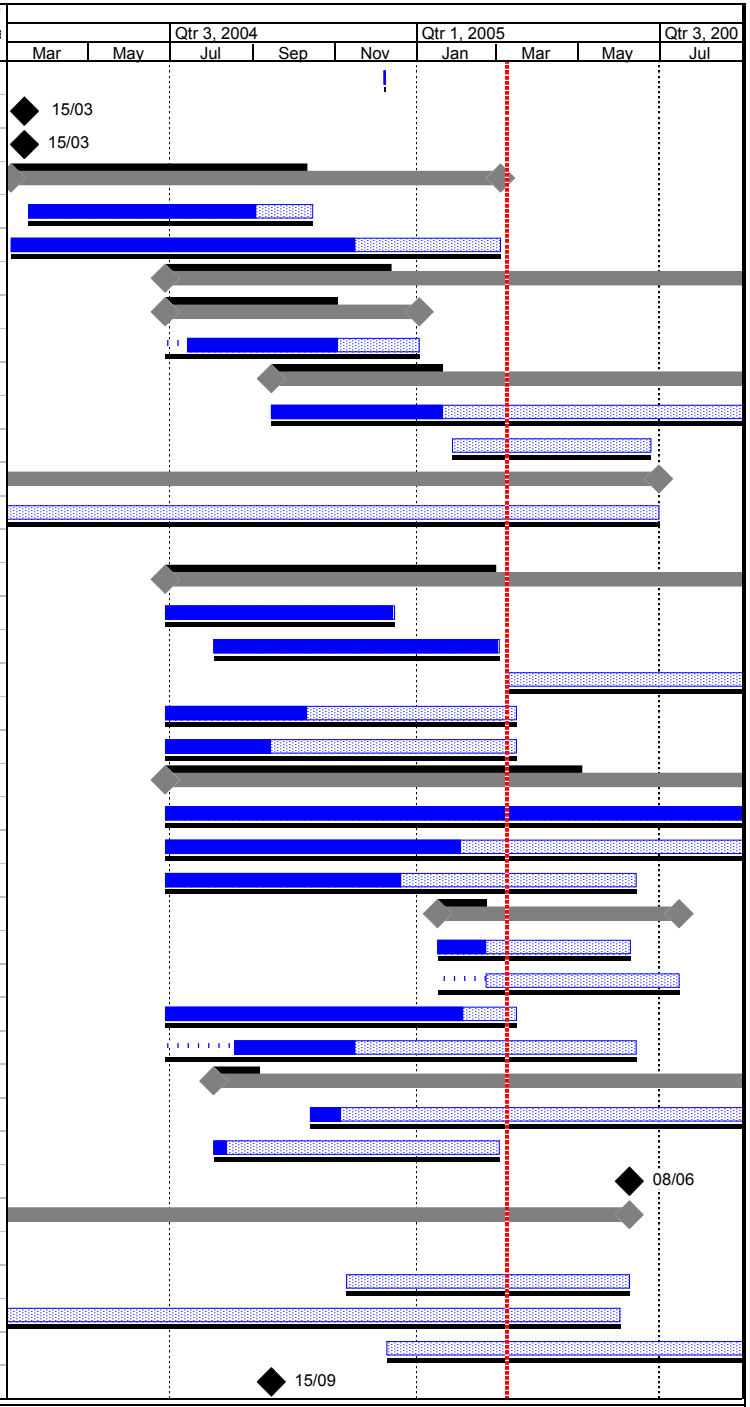
321		**34022**	**Packet Switched Streaming Services Rel**	**Rel-6**	**No**	**S4**	**Yes**	**PSSrel6**	**TSG**
322		31039	**Stage 1**	Rel-6	No	S1	No		TSG
323		34024	**Stage 3**	Rel-6	No	S4	Yes	PSSrel6-Stage3	WG
324		34023	**AMR-WB extension for high audio quality**	Rel-6	No	S4	Yes	AMRWB+	TSG
325		34027	**Codec Enhancements for Packet Switche**	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*	*Deleted at TGS # 27 - Multiple TBF in A/Gb*	*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



ID		Jnique_ID	Name	Release	Early	Resource Names	Modifie	Acronym	Level of Approva
361		50111	**Performance Study of Current Procedures**	Rel-6	No	G2	No	PSintDTM-Perf	TSG
362		50112	**Reduction of service interruption times ai**	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 Servic**	**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 Specification**	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 - Iub/Iur Protocol Aspects**	Rel-7	No	R3	No	MIMO-Iurlub	TSG
381		24008	**MIMO - RF Radio Transmission/Receptior**	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 inteface**	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& PS**	**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	Jnique_ID	Name	Release	Early	Resource Names	Modifie	Acronym	Level of Approva
401	11048	**Stage 3 CN aspects of ACBOP**	Rel-7	No	N1	Yes		
402	*20010*	*Deleted - Potential impact on Iu interface Overload fun*	*Rel-7*	*No*	*RP*	*No*		
403	*20009*	*Deleted - Extra ACBOP information in RAN*	*Rel-7*	*No*	*RP*	*No*		
404	**31048**	**USSD message delivery and transfer to U**	**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-UTDOA	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	*deleted - GERAN review of the TR*	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 networ**	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	*Deleted - IMS Phase 3*	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	*Deleted - Improvements of Radio Interface*	Rel-7	No	RP	No	RInImp	TSG



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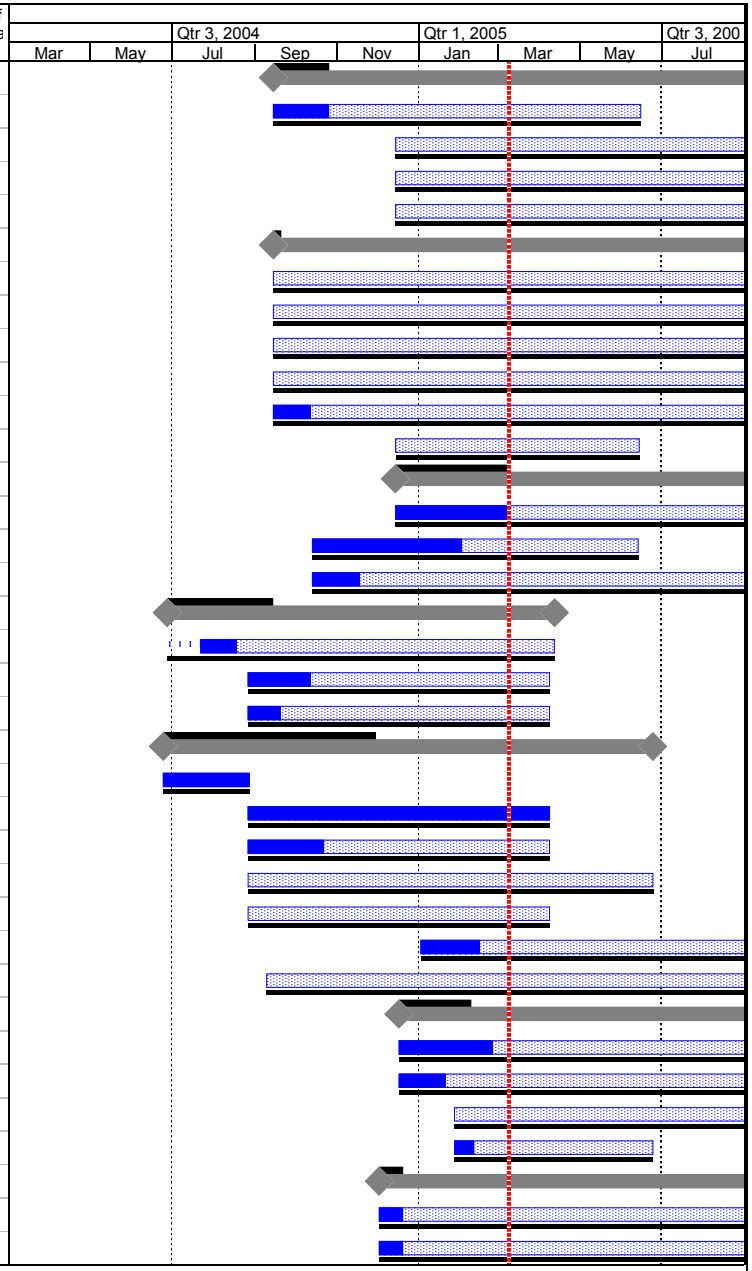
441		**20028**	**Rel-7 Improvements of the Radio Interfac**	**Rel-7**	**No**	**RP**	**No**	**RInImp**	
442		20021	**UMTS 2.6 GHz**	Rel-7	No	R4	No	RInImp-UMTS2600	TSG
443		20025	**UMTS 2.6 GHz TDD**	Rel-7	No	R4	No	RInImp-UMTS2600TI	TSG
444		20027	**UMTS 900 MHz**	Rel-7	No	R4	No	RInImp-UMTS900	TSG
445		20024	**UE Antenna Performance Evaluation Meth**	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 Sy**	**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 Met**	Rel-7	No	G1	Yes	APEMR	TSG
473		50119	**Lower 700 MHz Inclusion in the GERAN S**	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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Date: Wed 09/03/05