3GPP Work Plan ñ Cover page

Version 2004, December 6th

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 featureís responsible MCC support.
For general comments, contact the Work Plan manager at: alain.sultan@etsi.org , mentioning in the e-mail subject ìGeneral comment on the Work Planî.

Specific comments for this version

Main changes between versions 29 October and 6 December 2004

Updates from the following groups have been incorporated:
SA1, SA2, SA3, SA4, SA5
CN1
T2, T3
GERAN

Detailed changes

The detailed changes are provided in the ìnotesî 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 ì**Features**î, 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 ì**Building Blocksî**, 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 ì**Work Tasksî**, 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 ìnotesî 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 ìnotesî field text of each modified WI (a WI is identified by its Unique ID).
Even at the ìdetailed levelî, not all the modifications have to be mentioned: some fields are by nature subject to constant updates (e.g. ì% completedî), 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_041206_MP98.mpp Work Plan in MS Project 98 format (contains all WI attributes and Gantt view)

Work_Plan_3GPP_Rel6_041206.mpp Work Plan in MS Project 2000 format (contains all WI attributes and Gantt view)

2) Cover page:

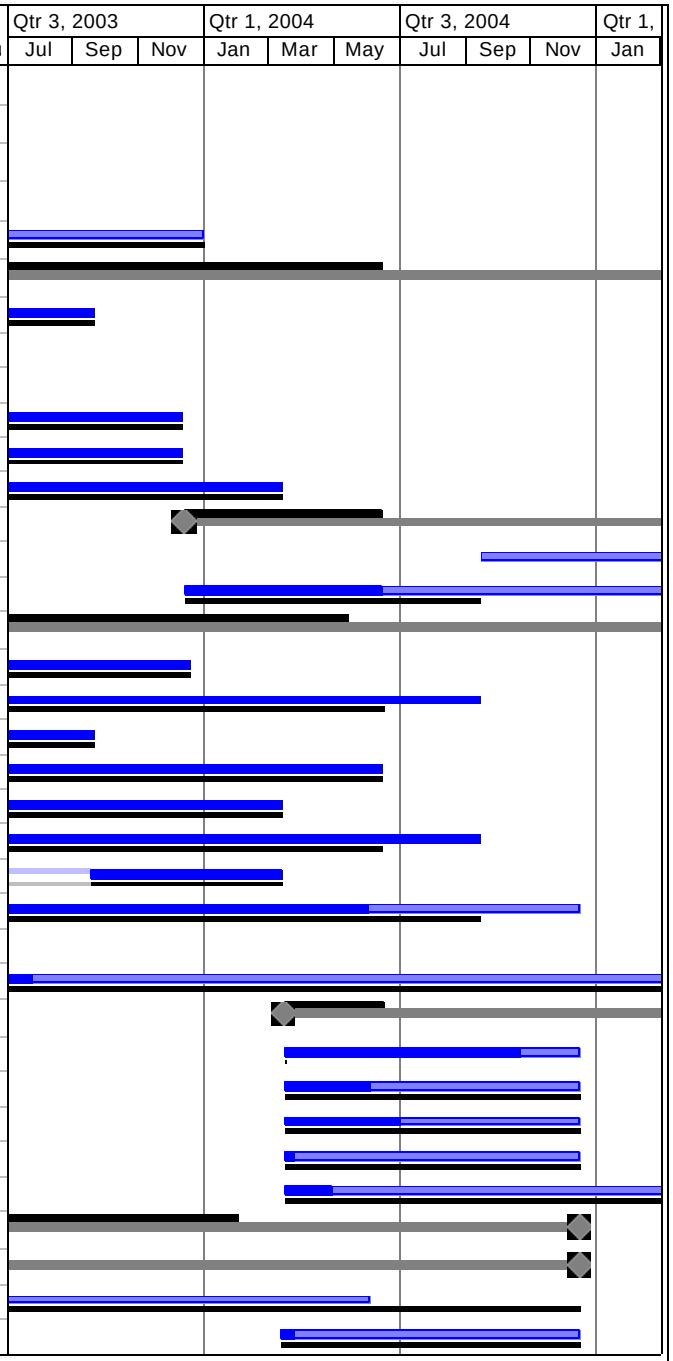
Work_plan_cover_041206.doc Cover page - contains explanations and informations on last changes

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

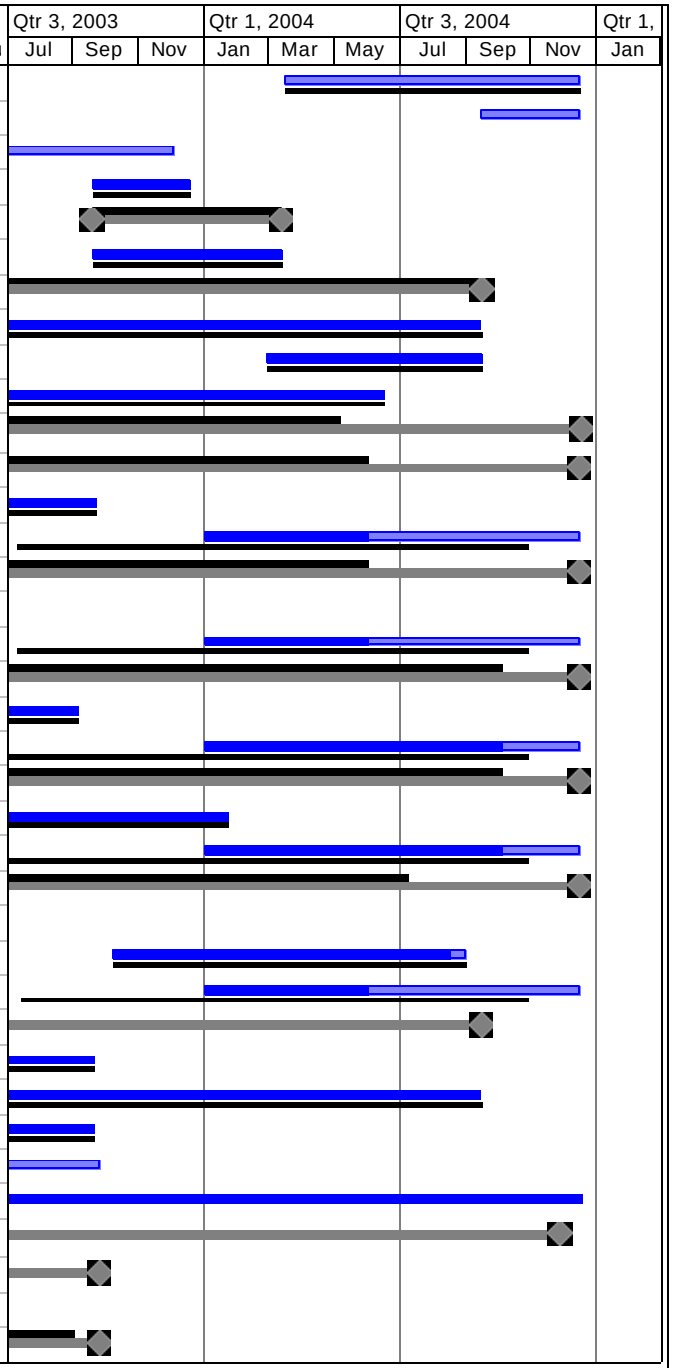
Work_Plan_3GPP_Rel6_041206.xls Work Plan in Excel format (contains most of the WI attributes but not the Gantt chart)

Work_Plan_3GPP_Rel6_041206.pdf PDF view of the Work Plan (shows Gantt Chart)

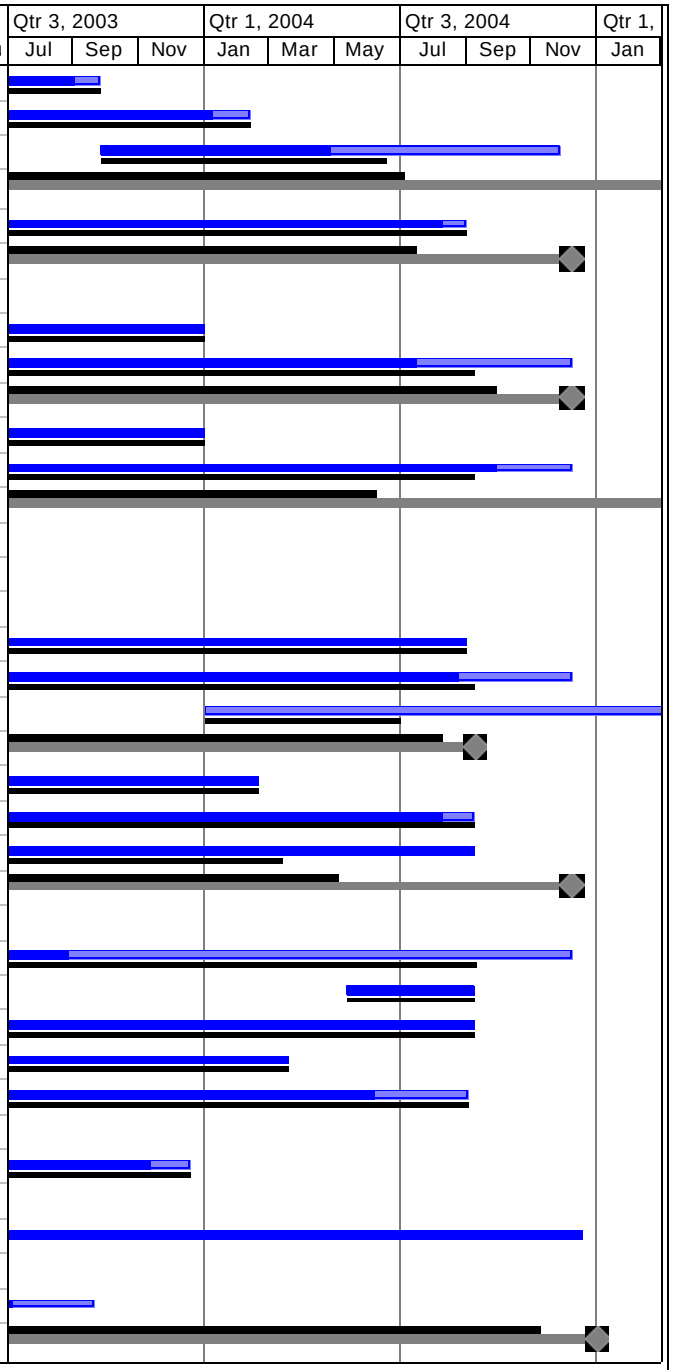
ID	Unique_	Name	Release	Early	Resou
1	2044	**VERSION 2004 December 6th**	Rel	No	
2	1462	**"CTRL + a" to display all the 3GPP fields**		No	
3	2058	**Content of Rel-6 and Rel-7. Not frozen.**	Rel	No	
4	0		Rel	No	
5	2	**Rel-6 Evolutions of the transport in the UTRAN**	NA	No	RP
6	**1216**	**Rel-6 Improvements of Radio Interface**	**Rel-6**	**No**	**RP**
7	24006	**Improving Receiver Performance Requirements for the FDD UI**	Rel-6	No	R4
8	**24004**	**Base station classification**	**Rel-6**	**No**	**R4**
9	1476	FDD Base station classification	Rel-6	No	R4
10	24007	**UMTS-850**	Rel-6	No	R4
11	24009	**DS-CDMA introduction in the 800 MHz band**	Rel-6	No	R4
12	24010	**UMTS 1.7/2.1 GHz**	Rel-6	No	R4
13	**24013**	**Improved Receiver Performance Requirements for HSDPA**	**Rel-6**	**No**	**R4**
14	20011	Improved Minimum Performance Requirements for HSDPA UE catego	Rel-6	No	R4
15	24014	Performance Requirements of Receive Diversity for HSDPA	Rel-6	No	R4
16	**3**	**Rel-6 RAN Feasibility Studies**	**Rel-6**	**No**	**RP**
17	23007	**FS of the improved access to UE measurement data for CRNC**	Rel-6	No	R3
18	1506	**FS on Radio link performance enhancements**	Rel-6	No	R1
19	21000	**FS on Improvement of inter-frequency and inter-system meas**	Rel-6	No	R1
20	21003	**FS for the analysis of OFDM for UTRAN enhancement**	Rel-6	No	R1
21	21004	**FS on Uplink Enhancements for Dedicated Transport Channels**	Rel-6	No	R1
22	21005	**FS on Analysis on Higher Chip Rates for UTRA TDD evolutions**	Rel-6	No	R1
23	24011	**FS on Low Output Powers for general purpose FDD BSs**	Rel-6	No	R3
24	21007	**FS on Uplink enhancements for UTRA TDD**	Rel-6	No	R1
25	24005	**FS on UE antenna efficiency test methods performance requir**	Rel-6	No	R4
26	23006	**FS on the evolution of the UTRAN architecture**	Rel-6	No	R3
27	**20003**	**FDD Enhanced Uplink**	**Rel-6**	**No**	**RP**
28	20004	**FDD Enhanced Uplink - Stage 2**	Rel-6	No	R2
29	20005	**FDD Enhanced Uplink - Physical Layer**	Rel-6	No	R1
30	20006	**FDD Enhanced Uplink - Layer 2 and 3 Protocol Aspects**	Rel-6	No	R2
31	20007	**FDD Enhanced Uplink - UTRAN Iub/Iur Protocol Aspects**	Rel-6	No	R3
32	20008	**FDD Enhanced Uplink - RF Radio Transmission/ Reception, Sy**	Rel-6	No	R4
33	**9**	**Rel-6 RAN improvements**	**Rel-6**	**No**	**RP**
34	**624**	**RAB support enhancement**	**Rel-6**	**No**	**R2**
35	23009	Iu enhancements for IMS support in RAN	Rel-6	No	R3
36	21008	Optimisation of downlink channelisation code utilisation	Rel-6	No	R1



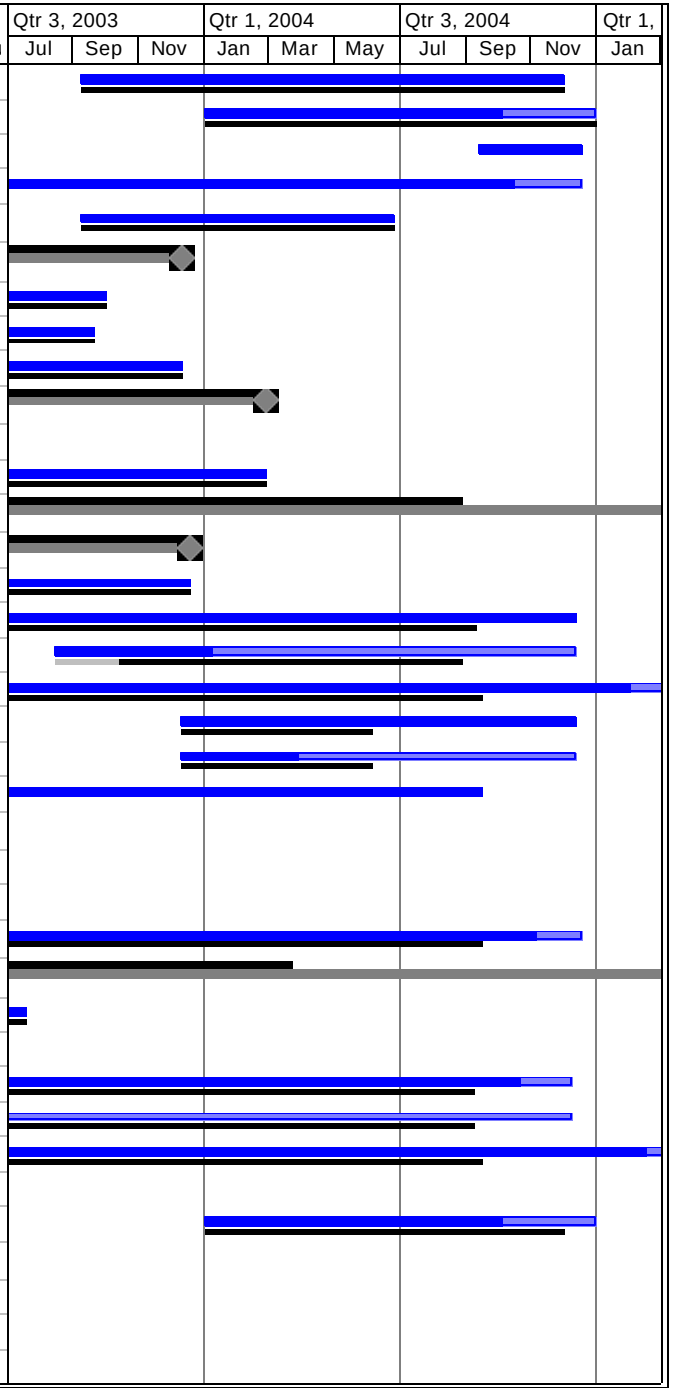
ID	Unique_	Name	Release	Early	Resou
37	21009	Optimisation of channelisation code utilisation for TDD	Rel-6	No	R1
38	20013	HS-DPCCH ACK/NACK Enhancement	Rel-6	No	R1
39	*23005*	*Deleted - Improvement of RRM across RNS and RNS/BSS*	*Rel-6*	*No*	*R3*
40	20999	**Beamforming Enhancements**	Rel-6	No	R1
41	**23012**	**Rel6 RRM optimization for Iur and Iub**	**Rel-6**	**No**	**R3**
42	*23014*	*Deleted- Improved access to UE measurement data for CRNC to suppoı*	*Rel-6*	*No*	*R3*
43	**23010**	**Remote Control of Electrical Tilting Antennas**	**Rel-6**	**No**	**R3**
44	23015	Tilting Antenna - RAN aspects	Rel-6	No	R3
45	35023	OAM&P impacts	Rel-6	No	S5
46	23011	**Network Assisted Cell Change (NACC) from UTRAN to GERAN**	Rel-6	No	R3
47	**32023**	**Location Services enhancements 2**	**Rel-6**	**No**	**S2**
48	**32024**	**Improvement on Le interface**	**Rel-6**	**No**	**S2**
49	32051	Stage 2	Rel-6	No	S2
50	32053	Stage 3 - impacts MLP (Mobile Location Protocol)	Rel-6	No	OMA
51	**32001**	**Enhanced support for anonymity and user privacy**	**Rel-6**	**No**	**S2**
52	32047	Stage 2	Rel-6	No	S2
53	32054	Stage 3 - impacts MLP and RLP	Rel-6	No	OMA
54	**32025**	**Enhanced inter-GMLC interface**	**Rel-6**	**No**	**S2**
55	32048	Stage 2	Rel-6	No	S2
56	32055	Stage 3 - definition of RLP and PCP	Rel-6	No	OMA
57	**32012**	**Location Services support for IMS public identities**	**Rel-6**	**No**	**S2**
58	32049	Stage 2	Rel-6	No	S2
59	32056	Stage 3 - impacts MLP, RLP and PCP	Rel-6	No	OMA
60	**32026**	**New area event for location service triggering reports**	**Rel-6**	**No**	**S2**
61	32050	Stage 2	Rel-6	No	S2
62	14015	Stage 3 for UE-CN signalling	Rel-6	No	N4
63	32057	Stage 3 - impacts MLP, RLP and PCP	Rel-6	No	OMA
64	**20001**	**UE positioning**	**Rel-6**	**No**	**RP**
65	2475	Open SMLC-SRNC Interface within the UTRAN to support UTRAN Re	Rel-6	No	R2
66	24012	A-GPS minimum performance specification	Rel-6	No	R4
67	22002	FS on Enhancements to OTDOA Positioning using advanced blankinç	Rel-6	No	R2
68	*2457*	*Deleted - UE positioning enhancements - other methods*	*Rel-6*	*No*	*R2*
69	35035	**LCS charging**	Rel-6	No	S5
70	**1571**	**Rel-6 Security enhancements**	**Rel-6**	**No**	**S3**
71	**2026**	**Enhanced HE control of security (including positive authentica**	**Rel-6**	**No**	**S3**
72	2027	Stage 2	Rel-6	No	S3
73	**33006**	Network domain security	**Rel-6**	**No**	**S3**



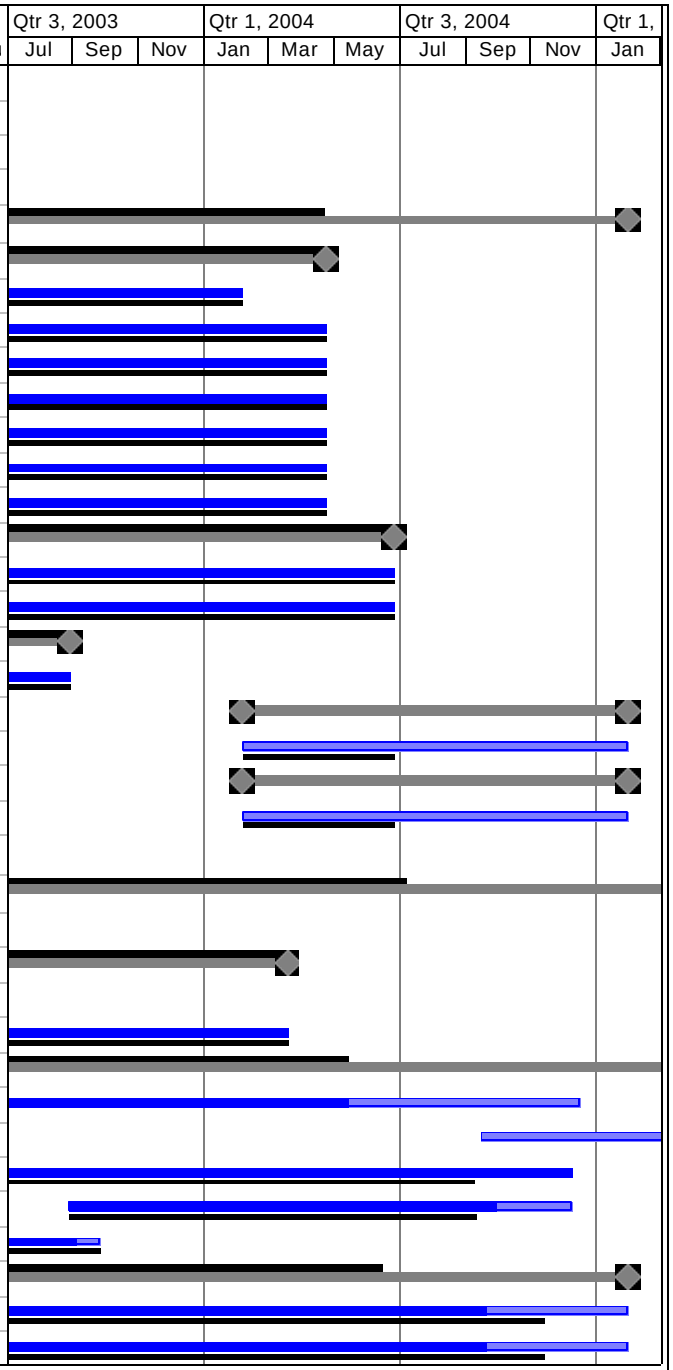
ID	Unique_	Name	Release	Early	Resou
74	33007	IP network layer security (NDS/IP)	Rel-6	No	S3
75	33017	**Network Domain Security; Authentication Framework (NDS/AF**	Rel-6	No	S3
76	33019	**Key Management of group keys for Voice Group Call Services**	Rel-6	No	S3
77	**32021**	**IMS Phase 2**	**Rel-6**	**No**	**S1**
78	14014	**Enhancements to the Cx and Sh interfaces**	Rel-6	No	N4
79	**31025**	**IMS Group Management**	**Rel-6**	**No**	**S1**
80	31026	Stage 1 - TS on IMS group management	Rel-6	No	S1
81	32036	Stage 2	Rel-6	No	S2
82	11036	Stage 3 for IMS Group management (e.g. chat)	Rel-6	No	N1
83	**11037**	**IMS Conferencing**	**Rel-6**	**No**	**N1**
84	32037	Stage 2	Rel-6	No	S2
85	32038	Stage 3	Rel-6	No	N1
86	**31022**	**IMS Messaging**	**Rel-6**	**No**	**S1**
87	31023	TR on support of messaging in the IMS	Rel-6	No	S1
88	31034	Stage 1 22.340	Rel-6	No	S1
89	31033	CRs to 22.140 & 22.228	Rel-6	No	S1
90	32700	Stage 2	Rel-6	No	S2
91	11039	Stage 3 for IMS Messaging	Rel-6	No	N1
92	60001	SIP/SIMPLE Instant messaging	Rel-6	No	OMA
93	**11040**	**Additional SIP Capabilities support not covered by Rel-5**	**Rel-6**	**No**	**N1**
94	32041	Stage 2 for add SIP cap (e.g. forking)	Rel-6	No	S2
95	32042	Stage 3 for Additional SIP Capabilities	Rel-6	No	N1
96	11041	**Review additional SIP Capabilities against IMS**	Rel-6	No	N1
97	**2048**	**Interworking between IMS and IP networks**	**Rel-6**	**No**	**N3**
98	13004	Interworking for 3GPP_SIP and IETF_SIP	Rel-6	No	N3
99	13005	Interworking for IPv6 to IPv4	Rel-6	No	N3
100	11044	Interworking for IPv6 to IPv4 (SIP / SDP aspects)	Rel-6	No	N1
101	11017	stage 3 of interworking with non-IMS IP networks	Rel-6	No	N1
102	2047	**Interworking between IMS and CS networks**	Rel-6	No	N3
103	14001	**Mn interface (IM-MGW to MGCF) enhancements (CN4 Part)**	Rel-6	No	N4
104	31036	**Study of subscriber and operators relationship in IMS and rela**	Rel-6	No	S1
105	33012	**Lawful Interception in the 3GPP Rel-6 architecture**	Rel-6	No	S3
106	31042	**IMS Subscription and access scenarios**	Rel-6	No	S1
107	35032	**IMS charging**	Rel-6	No	S5
108	11051	**IMS Management objects**	Rel-6	No	N1
109	*32027*	*Deleted - Stage 2 of IMS Phase 2*	*Rel-6*	*No*	*S2*
110	**32063**	**3GPP Enablers for services like Push to Talk over Cel**	**Rel-6**	**No**	**S2**



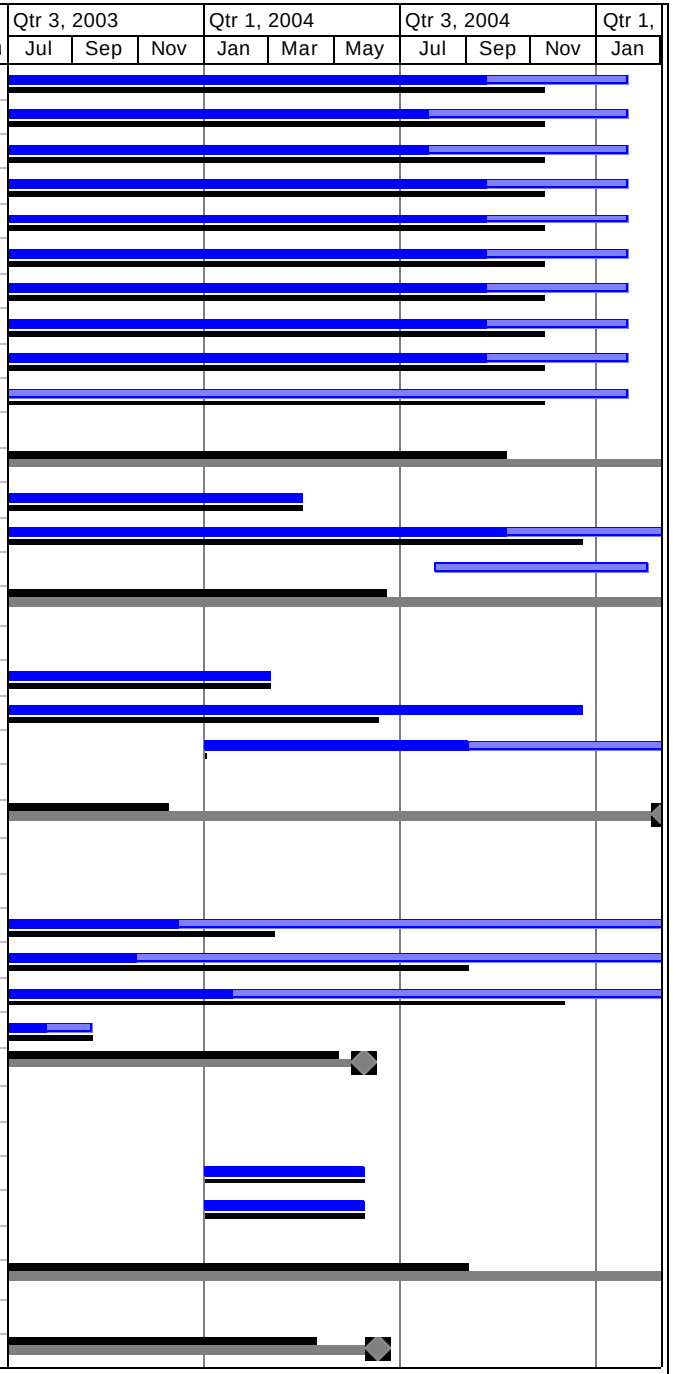
ID	Unique_	Name	Release	Early	Resou
111	32068	**Feasibility Study**	Rel-6	No	S2
112	60002	**Dependencies on OMA PoC**	Rel-6	No	OMA
113	34029	**Selection of one or more PoC codec(s) for PoC**	R6	No	S4
114	35036	**PoC charging**	Rel-6	No	S5
115	32062	**Interworking aspects and migration scenarios for IPv**	Rel-6	No	S2
116	**11032**	**Interoperability and Commonality between IMS using**	**Rel-6**	**No**	**S2**
117	32028	**Stage 2 for Interoperability**	Rel-6	No	S2
118	32061	**Stage 2 for commonality**	Rel-6	No	S2
119	11033	**Stage 3**	Rel-6	No	N1
120	**1365**	**Support of Push Services**	**Rel-6**	**No**	**S1**
121	31004	**Stage 1**	Rel-6	No	S1
122	32701	**TR 23.976 on Push Architecture**	Rel-6	No	S2
123	**42009**	**Multimedia Messaging (MMS) enhancements**	**Rel-6**	**No**	**T2**
124	**42010**	**Definition of service requirements**	**Rel-6**	**No**	**S1**
125	31031	Definition of service requirements charging	Rel-6	No	S1
126	42011	**Technical realization**	Rel-6	No	T2
127	42012	**OMA dependencies**	Rel-6	No	OMA
128	42013	**MMS formats and codecs**	Rel-6	No	S4
129	42014	**Handling of private addressing schemes in MMS**	Rel-6	No	T2
130	42015	*Deleted - FS Multiple MMS Relay/Server Architecture*	Rel-6	No	T2
131	35034	**MMS charging**	Rel-6	No	S5
132	**42005**	**Rel-6 MExE enhancements**	**Rel-6**	**No**	**T2**
133	42006	**MExE Rel-6 Improvements and Investigations**	Rel-6	No	T2
134	42007	**MExE Run-Time Independent Framework Feasibility Study**	Rel-6	No	T2
135	2062	**Subscription Management**	Rel-6	No	S5
136	**2499**	**Presence Capability**	**Rel-6**	**No**	**S1**
137	2501	**Stage 1**	Rel-6	No	S1
138	2502	**Stage 2**	Rel-6	No	S2
139	2503	**Stage 3**	Rel-6	No	N1
140	13018	**Stage 3 (CN3 Part Pk interface)**	Rel-6	No	N3
141	34025	**Media Codecs and Formats for IMS Messaging and Presence**	Rel-6	No	S4
142	2504	**Security issues**	Rel-6	No	S3
143	60003	**SIMPLE Presence**	Rel-6	No	OMA
144	**50056**	**Enhanced A/Gb feasibility study**	**Rel-6**	**No**	**GP**
145	**50057**	**Feasibility study on A/Gb enhancements**	**Rel-6**	**No**	**G2**
146	50080	Requirements for the support of conversational services	Rel-6	No	GP
147	50084	Identification of the different building blocks for the provision of conver	Rel-6	No	GP



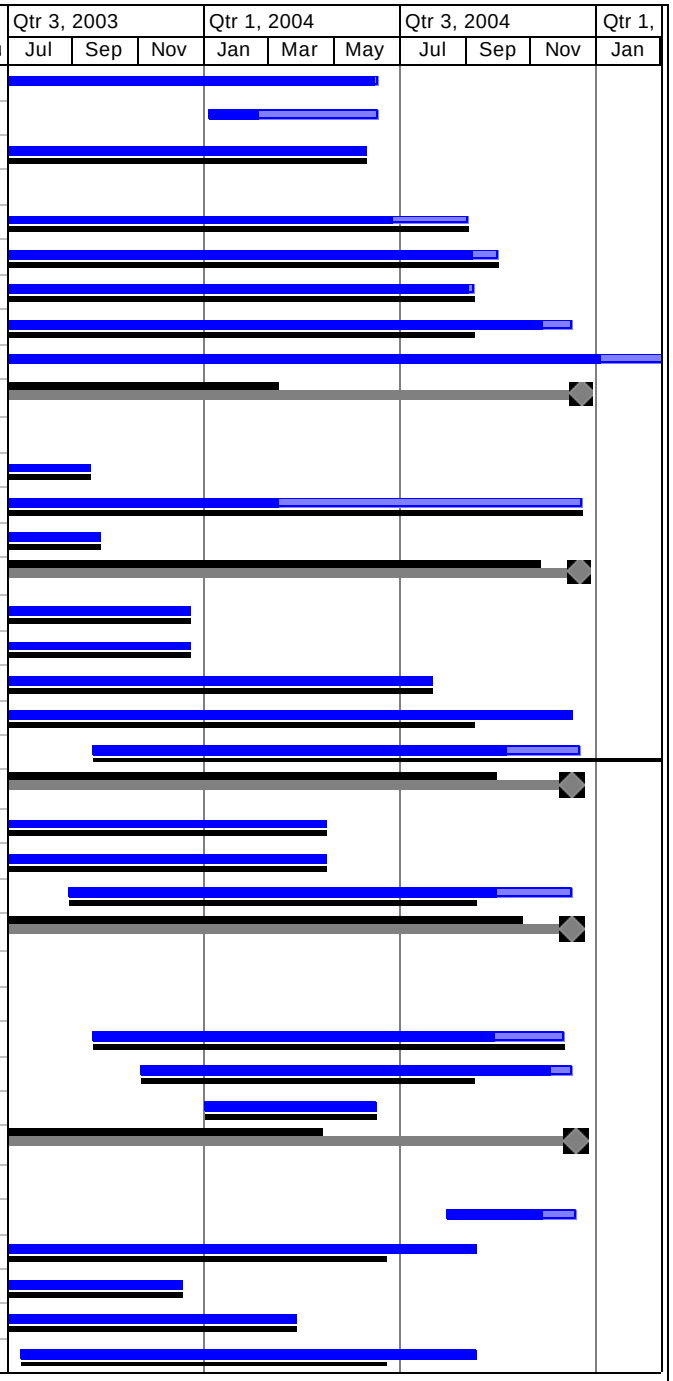
ID	Unique_	Name	Release	Early	Resou
148	50093	Outline of impact and feasibility of these building blocks and their diff	Rel-6	No	GP
149	50081	Impact on 3GPP architecture and requirement to co-ordinatge with otl	Rel-6	No	GP
150	50082	Standardisation effort	Rel-6	No	GP
151	50083	Dependency to other features	Rel-6	No	GP
152	**50063**	**Flexible Layer One for GERAN**	**Rel-6**	**No**	**GP**
153	**50064**	**Realisation of a Flexible Layer One**	**Rel-6**	**No**	**GP**
154	50065	Technical Report	Rel-6	No	GP
155	51002	Architecture in 45.001 and 43.051	Rel-6	No	G1
156	51003	Multiplexing in 45.002	Rel-6	No	G1
157	51004	Channel Coding in 45.003	Rel-6	No	G1
158	51005	Performance Requirements in 45.005	Rel-6	No	G1
159	51006	Radio subsystem link control in 45.008	Rel-6	No	G1
160	52071	Requirements in 44.004	Rel-6	No	G2
161	**52072**	**Signalling and protocol support for a Flexible Layer One**	**Rel-6**	**No**	**G2**
162	52073	Modifications to RLC/MAC in 44.060 and 44.160	Rel-6	No	G2
163	52074	Modifications to RRC in 44.118 and 44.018	Rel-6	No	G2
164	**52075**	**Security for a Flexible Layer One**	**Rel-6**	**No**	**3; G2**
165	52076	Ciphering in 44.160,44.118, 44.060 and 44.018	Rel-6	No	3; G2
166	**55077**	**GERAN MS Conformance test for the Flexible Layer One**	**Rel-6**	**No**	**34,G5**
167	55078	MS Test in 51.010	Rel-6	No	34,G5
168	**55079**	**GERAN BTS Conformance test for the Flexible Layer One**	**Rel-6**	**No**	**G3**
169	53080	BTS Test in 51.021	Rel-6	No	G3
170	50041	**Uplink TDOA feasibility study**	Rel-6	No	GP
171	**2544**	**Multimedia Broadcast and Multicast Service**	**Rel-6**	**No**	**S1**
172	2545	**Stage 1**	Rel-6	No	S1
173	**32002**	**Stage 2**	**Rel-6**	**No**	**S2**
174	32702	TR on Architectural Study	Rel-6	No	S2
175	32703	Stage 2 Specification Work	Rel-6	No	S2
176	**2481**	**Introduction of MBMS in RAN**	**Rel-6**	**No**	**R2**
177	20022	Introduction of MBMS in RAN (physical & upper layers, access network	Rel-6	No	R2
178	20020	UE Performance Requirements for MBMS	Rel-6	No	R4
179	11030	**Support of the MBMS in CN protocols**	Rel-6	No	N1
180	13015	**Gmb interface for MBMS (CN3 part)**	Rel-6	No	N3
181	33008	**Security Aspects of MBMS**	Rel-6	No	S3
182	**50085**	**Support of MBMS in GERAN**	**Rel-6**	**No**	**GP**
183	50086	Impact on the logical and physical channels	Rel-6	No	GP
184	52085	Re-synchronisation at cell change	Rel-6	No	G2



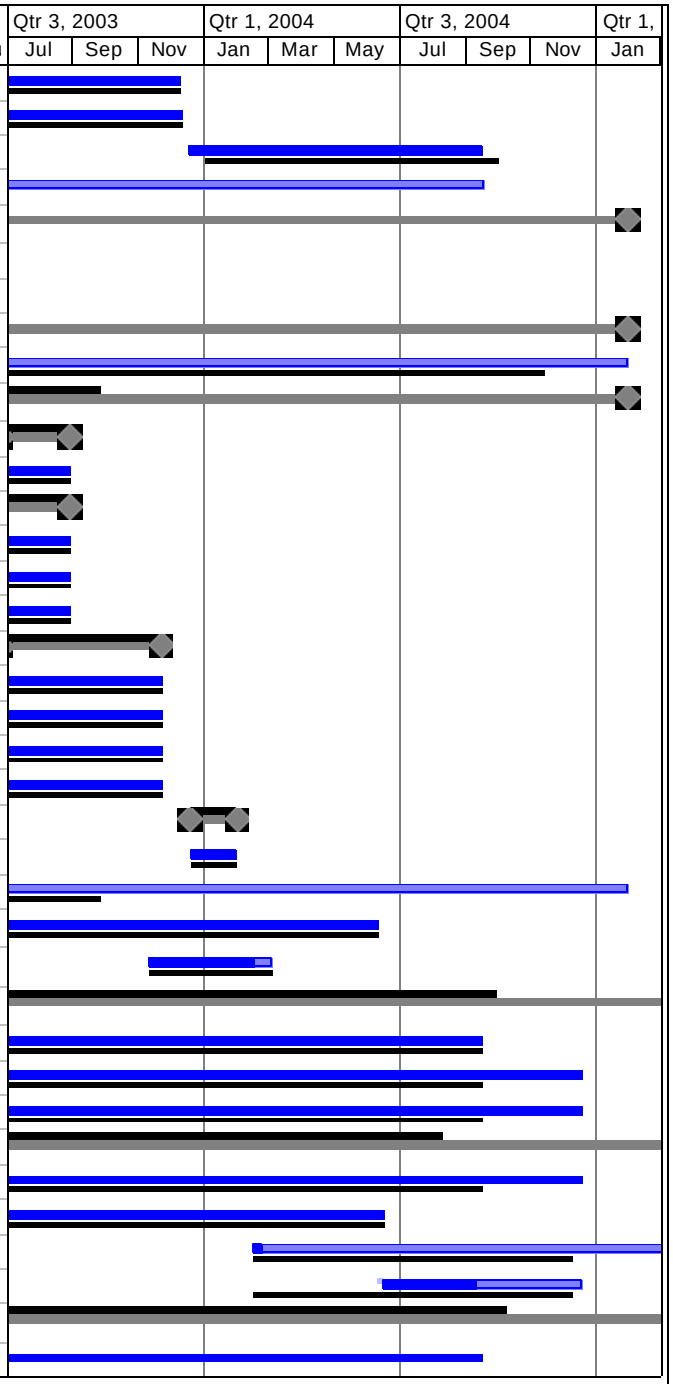
ID	Unique_	Name	Release	Early	Resou
185	50098	Simultaneous support of MBMS services	Rel-6	No	GP
186	50099	Simultaneous support of MBMS and non-MBMS services	Rel-6	No	GP
187	50100	Resynchronisation at cell change	Rel-6	No	GP
188	50087	Decision making process between point-to-point or pont-to-multipoint	Rel-6	No	GP
189	50088	MBMS channel allocations procedures to multiple MSs	Rel-6	No	GP
190	50089	Changes to the Gb interface	Rel-6	No	GP
191	50090	GERAN specific changes to the Iu-ps interface	Rel-6	No	GP
192	50091	Interaction between MBMS and Iu-flex	Rel-6	No	GP
193	50092	Security aspects	Rel-6	No	GP
194	53081	MS conformance tests- G3	Rel-6	No	G3
195	*55091*	*Deleted - MS conformance tests - G5*	*Rel-6*	*No*	*G5*
196	**31045**	**MBMS User Services**	**Rel-6**	**No**	**S1**
197	31044	MBMS User Services Stage 1	Rel-6	No	S1
198	34026	Definition of MBMS user services, media codecs, formats and transpo	Rel-6	No	S4
199	35038	**MBMS charging**	Rel-6	No	S5
200	**31006**	**Speech Recognition and Speech Enabled Services**	**Rel-6**	**No**	**S1**
201	31007	**Speech Enabled Services Based on Distributed Speech Recog**	Rel-6	No	S1
202	32999	**TR on Architectural impacts**	Rel-6	No	S2
203	34700	**Codec Work to Support Speech Recognition Framework for A**	Rel-6	No	S4
204	60004	**Multimodal support**	Rel-6	No	OMA
205	*11021*	*Deleted - SES codec negotiation at SDP*	*Rel-6*	*No*	*N1*
206	**31008**	**Generic User Profile**	**Rel-6**	**No**	**S1**
207	31009	**Stage 1 - Requirements**	Rel-6	No	S1
208	32008	**Stage 2 - Architecture**	Rel-6	No	S2
209	42002	**Stage 2 - Data Description Method**	Rel-6	No	N4
210	42003	**Stage 3 - Common objects**	Rel-6	No	N4
211	14008	**Stage 3 - Network**	Rel-6	No	N4
212	33009	**Security Aspects**	Rel-6	No	S3
213	**31010**	**Digital Rights Management**	**Rel-6**	**No**	**S1**
214	31011	**Requirements**	Rel-6	No	S1
215	*31037*	***Deleted - Monitoring of Stages 2 and 3 progress (actual work***	*Rel-6*	*No*	*S1*
216	60005	**Stage 2**	Rel-6	No	OMA
217	60006	**Stage 3**	Rel-6	No	OMA
218	33001	**Security**	Rel-6	No	OMA
219	**31012**	**WLAN-UMTS Interworking**	**Rel-6**	**No**	**S1**
220	31020	**Technical Report**	Rel-6	No	S1
221	**31035**	**Stage 1**	**Rel-6**	**No**	**S1**



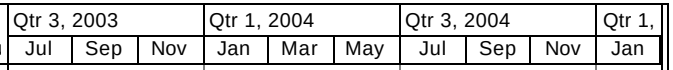
ID	Unique_	Name	Release	Early	Resou
222	31058	Global stage 1	Rel-6	No	S1
223	31057	Session Continuity	Rel-7	No	S1
224	32018	**Architecture Definition for scenarii 2 and 3**	Rel-6	No	S2
225	32704	**Security**	Rel-6	No	S3
226	14013	**Stage 3 - CN4 aspects**	Rel-6	No	N4
227	13019	**Stage 3 - CN3 aspects (Wi Interface for Scenario 3)**	Rel-6	No	N3
228	11042	**Stage 3 for scenario 2**	Rel-6	No	N1
229	11047	**Stage 3 for scenario 3**	Rel-6	No	N1
230	35033	**WLAN charging**	Rel-6	No	S5
231	**31015**	**Priority Service**	**Rel-6**	**No**	**S1**
232	31016	**Feasibility Study**	Rel-6	No	S1
233	31017	**Stage 1 - Requirements**	Rel-6	No	S1
234	31041	**Multimedia Priority Service**	Rel-6	No	S1
235	31043	**Priority service implementation guide**	Rel-6	No	S1
236	**31018**	**Network Sharing**	**Rel-6**	**No**	**S1**
237	31019	**Technical Report**	Rel-6	No	S1
238	31038	**Stage 1 - CRs to implement Network Sharing**	Rel-6	No	S1
239	32044	**Stage 2**	Rel-6	No	S2
240	11043	**Network sharing - stage 3**	Rel-6	No	N1
241	22004	**Enhancement of the support of network sharing in the UTRAN**	Rel-6	No	R2
242	**32016**	**QoS Improvements**	**Rel-6**	**No**	**S2**
243	32017	**FS on Dynamic Policy control enhancements for end-to-end Q**	Rel-6	No	S2
244	32059	**Definition of the Gq interface**	Rel-6	No	S2
245	13016	**Gq interface specification for Dynamic Policy control enhance**	Rel-6	No	N3
246	**33002**	**Subscriber certificates**	**Rel-6**	**No**	**S3**
247	32705	**Stage 1**	Rel-6	No	S3
248	32706	**Architecture review**	Rel-6	No	S2
249	14504	**Stage 3**	Rel-6	No	N4
250	11049	**Stage 3 Ua & Ub interfaces**	Rel-6	No	N1
251	60007	**OMA dependencies on Subscriber certificates**	Rel-6	No	OMA
252	**15010**	**Rel-6 OSA enhancements**	**Rel-6**	**No**	**S1**
253	31040	**Scope of the Open Service Access Release 6**	Rel-6	No	S1
254	15038	**OSA Stage 2**	Rel-6	No	N5
255	15026	**Multi Media Messaging function**	Rel-6	No	N5
256	15028	**Policy management extensions**	Rel-6	No	N5
257	15029	**TS on Presence and Availability Management (from the PRESN**	Rel-6	No	N5
258	15032	**OSA interfaces at different levels of abstractions (Parlay X, W**	Rel-6	No	N5



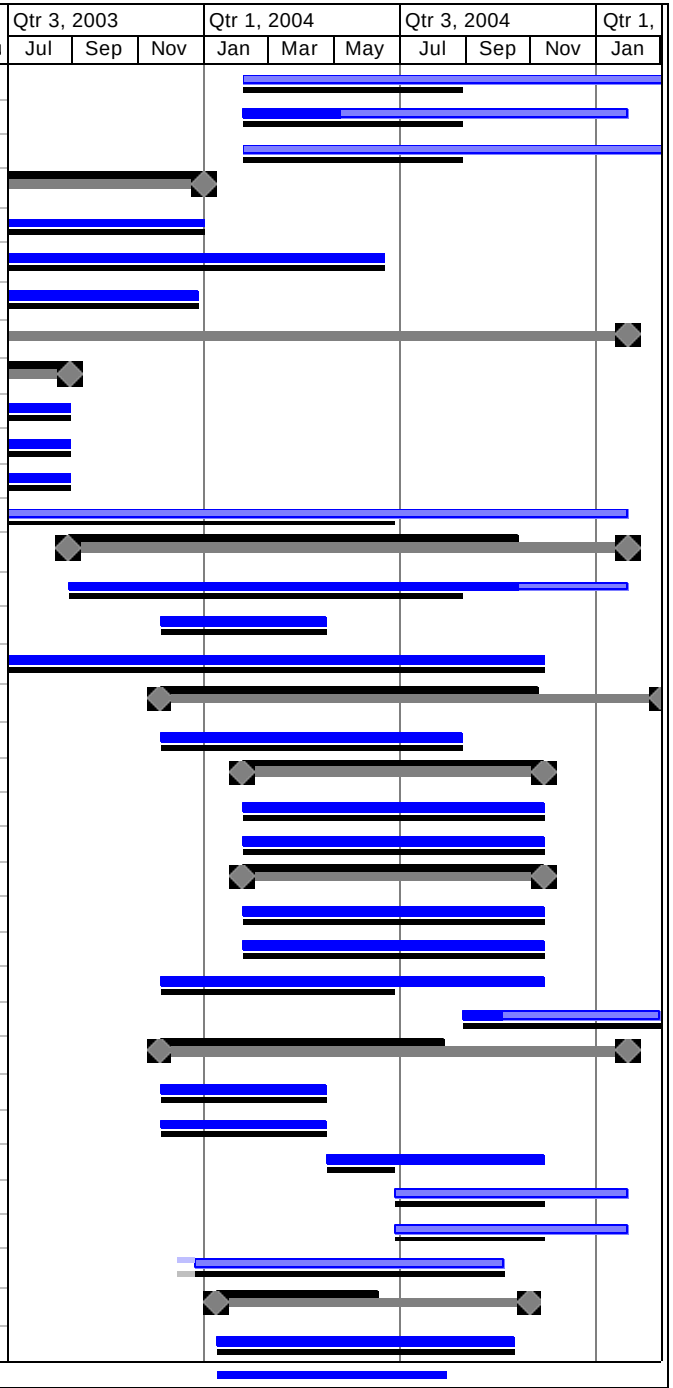
ID	Unique_	Name	Release	Early	Resou
259	15033	**Introduction of migration support mechanism**	Rel-6	No	N5
260	15036	**Framework Function for Federation**	Rel-6	No	N5
261	60008	**OMA potential overlaps with 3GPP OSA Stage 3 (Web services**	Rel-6	No	OMA
262	*15037*	*Deleted - TR on Presence and Availability Management (from the PRESNC*	*Rel-6*	*No*	*N5*
263	**50401**	**Addition of frequency bands to GSM (TAPS)**	**Rel-6**	**No**	**GP**
264	**50094**	**Addition of frequency bands to GSM – Changes to core specs**	**Rel-6**	**No**	**G1**
265	51102	Changes to core specs	Rel-6	No	G1
266	**54102**	**Addition of frequency bands to GSM – Changes for conformar**	**Rel-6**	**No**	**G4**
267	54103	51.010-1 Add testing	Rel-6	No	G4
268	**50130**	**Seamless support of streaming services in A/Gb mod**	**Rel-6**	**No**	**GP**
269	**51131**	**Identification of requirements for streaming**	**Rel-6**	**No**	**G1**
270	51133	Requirements	Rel-6	No	G1
271	**51132**	**Performance study of cell change mechanisms**	**Rel-6**	**No**	**G1**
272	51134	Performance of NACC	Rel-6	No	G1
273	51135	Performance of cell change in DTM for the PS domain	Rel-6	No	G1
274	51136	Handover	Rel-6	No	G1
275	**52131**	**Reduction of service interruption times and packet loss during**	**Rel-6**	**No**	**G2**
276	52133	Optimisations of existing mechanisms/procedures	Rel-6	No	G2
277	52134	Inter-system NACC	Rel-6	No	G2
278	52135	PS Handover (within GERAN and between GERAN and UTRAN)	Rel-6	No	G2
279	52136	Dependency to other features	Rel-6	No	G2
280	**54131**	**MS conformance testing**	**Rel-6**	**No**	**G3**
281	54132	MS conformance tests	Rel-6	No	G4;G5
282	33013	**GERAN A/Gb mode security enhancements**	Rel-6	No	S3
283	34300	**Performance characterisation of default codecs for P**	Rel-6	No	S4
284	31030	**Study on Privacy Capability**	Rel-6	No	S1
285	**35010**	**OAM&P**	**Rel-6**	**No**	**S5**
286	35011	**Principles, high level Requirements and Architecture**	Rel-6	No	S5
287	35012	**Performance Management**	Rel-6	No	S5
288	35014	**Network Infrastructure Management**	Rel-6	No	S5
289	**35015**	**Trace Management**		**No**	**S5**
290	35022	Subscriber and UE trace management		No	S5
291	23013	Subscriber and equipment trace in UTRAN		No	R3
292	11046	SIP enhancements for trace	Rel-7	No	N1
293	14016	Trace Management, Stage3		No	N4
294	**35016**	**Charging Management**	**Rel-6**	**No**	**S5**
295	35037	**Charging architecture and principles**	Rel-6	No	S5



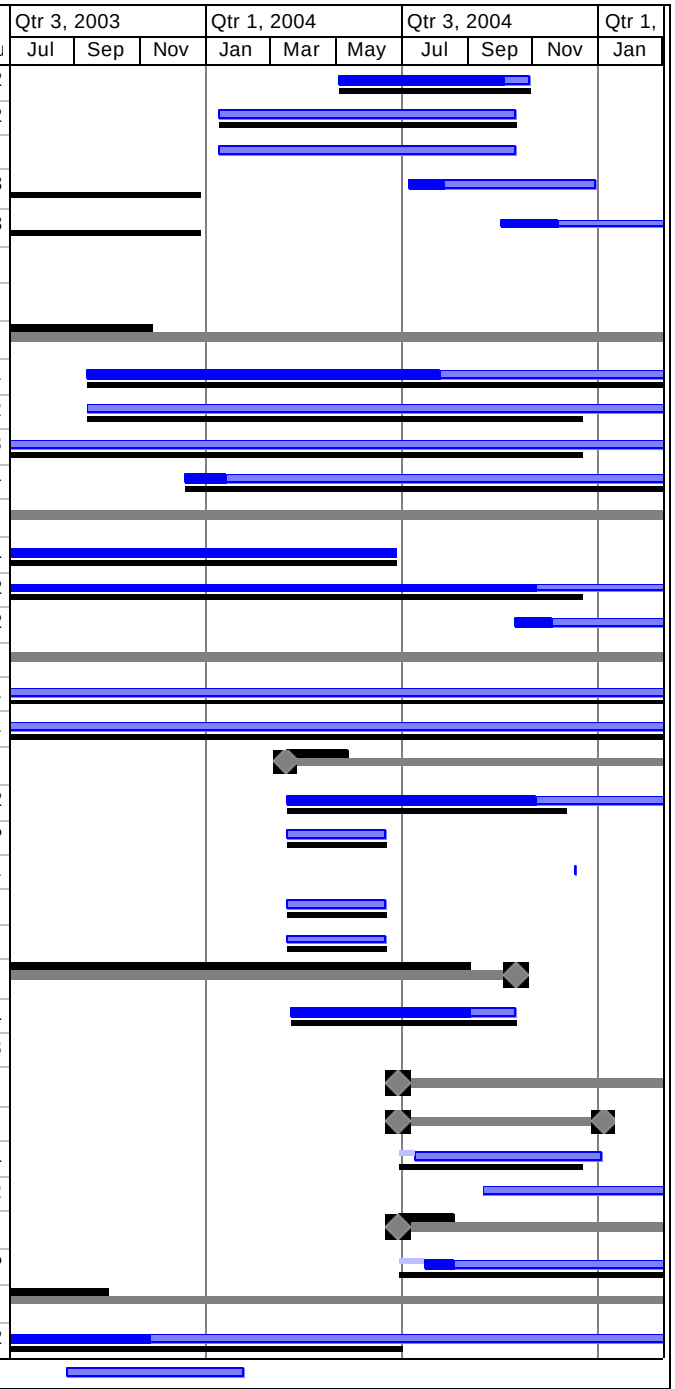
ID	Unique_	Name	Release	Early	Resou
296	35024	**Charging Data Record (CDR) file format and transfer**	Rel-6	No	S5
297	35025	**CDR parameter description**	Rel-6	No	S5
298	35026	**Diameter charging applications**	Rel-6	No	S5
299	35027	**Online Charging System (OCS) architecture study**	Rel-6	No	S5
300	35028	**OCS: Applications and interfaces**	Rel-6	No	S5
301	**35017**	**Charging Management for Bearer level**	**Rel-6**	**No**	**S5**
302	35029	CS domain charging	Rel-6	No	S5
303	35030	PS domain charging	Rel-6	No	S5
304	35031	CDR transfer	Rel-6	No	S5
305	35018	**Charging Management for the IMS**	Rel-6	No	S5
306	35019	**Charging Management for the Service domain**	Rel-6	No	S5
307	**32030**	**Overall architectural aspects of IP flow based bearer level cha**	**Rel-6**	**No**	**S2**
308	32069	Overall definition of FBC architecture	Rel-6	No	S2
309	32070	Study on providing policy control with FBC	Rel-6	No	S2
310	13020	Gx interface for flow based charging	Rel-6	No	N3
311	13021	Rx interface for flow based charging	Rel-6	No	N3
312	**1800**	**Rel-6 UICC/USIM enhancements and interworking**	**Rel-6**	**No**	**T3**
313	**1802**	**UICC API**	**Rel-6**	**No**	**T3**
314	43001	Java API Test specification	Rel-6	No	T3
315	43003	Java API Test specification (TS 43.019 Rel-5)	Rel-6	No	T3
316	43006	2G/3G Java Card™ API based applet interworking	Rel-6	No	T3
317	43007	(U)SIM API for Java Card Testing Work Item	Rel-6	No	T3
318	**43004**	**Rel-6 USIM toolkit enhancements**	**Rel-6**	**No**	**T3**
319	**502031**	**C SIM API**	**Rel-6**	**No**	**T3**
320	502032	Specification	Rel-6	No	T3
321	502033	Test specification	Rel-6	No	T3
322	**34022**	**Packet Switched Streaming Services Rel-6**	**Rel-6**	**No**	**S4**
323	31039	**Stage 1**	Rel-6	No	S1
324	34024	**Stage 3**	Rel-6	No	S4
325	34023	**AMR-WB extension for high audio quality**	Rel-6	No	S4
326	34027	**Codec Enhancements for Packet Switched Conversat**	Rel-6	No	S4
327	34028	**3G-324M Improvements**	Rel-6	No	S4
328	51101	**Single Antenna Receiver Interference Cancellation (S**	Rel-6	No	GP,G1
329	**50500**	**Support of Conversational Services in A/Gb mode via**	**Rel-6**	**No**	**GP**
330	50501	**Creation of a TR**	Rel-6	No	GP
331	50502	**Stage 2**	Rel-6	No	GP
332	50503	**Radio Channel Support**	Rel-6	No	GP



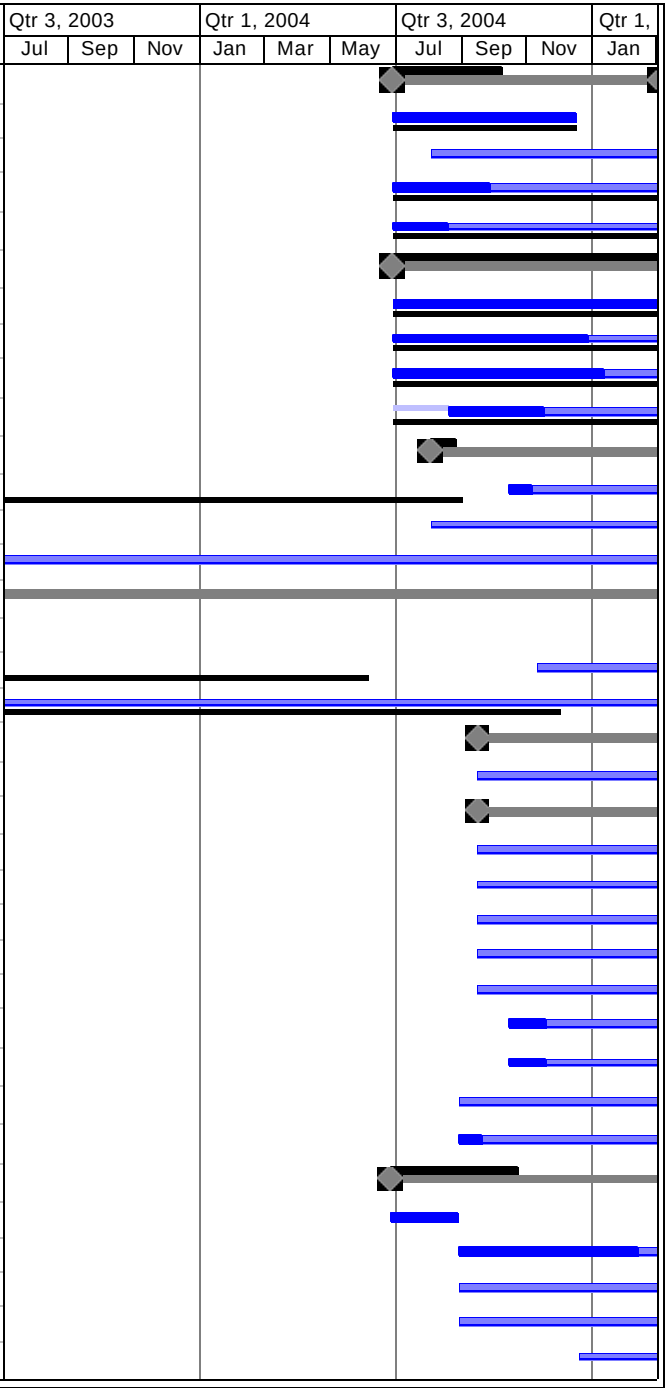
ID	Unique_	Name	Release	Early	Resou
333	50504	**Definition of radio resource management functionality**	Rel-6	No	GP,G2
334	50505	**PS Handover**	Rel-6	No	GP
335	50506	**Modifications to FLO**	Rel-6	No	GP,G2
336	**12006**	**Enhancement of dialled service for CAMEL**	**Rel-6**	**No**	**S1**
337	12007	Stages 2 and 3	Rel-6	No	N4
338	32060	**Bandwidth and resource savings in CS networks**	Rel-6	No	S2
339	33018	**FS on (U)SIM Security Reuse by Peripheral Devices o**	Rel-6	No	S3
340	**50600**	**Multiple TBF in A/Gb mode**	**Rel-6**	**No**	**GP,G2**
341	**50601**	**Multiple TBF in A/Gb mode**	**Rel-6**	**No**	**GP,G2**
342	50602	Multiple TBF Concept paper	Rel-6	No	GP,G2
343	50603	Multiple TBF Stage 2 (43.064) CRs	Rel-6	No	GP,G2
344	50604	Multiple TBF Stage 3 (44.060) CRs	Rel-6	No	GP,G2
345	50605	**Multiple TBF in A/Gb mode – MS testing**	Rel-6	No	G3
346	**50096**	**Alignment between the test-regimes for GERAN capa**	**Rel-6**	**No**	**G3**
347	50097	Determine the controversial test cases in the different test regimes and alig	Rel-6	No	G3
348	50444	**Addition of U-TDOA in the CS domain**	Rel-6	No	GP
349	50445	**Addition of U-TDOA in the PS domain**	Rel-6	No	GP
350	**50101**	**Downlink Advanced Receiver Performance**	**Rel-6**	**No**	**GP**
351	50102	**DARP test scenarios**	Rel-6	No	GP
352	**50103**	**DARP for GMSK modulated voice services**	**Rel-6**	**No**	**GP**
353	50104	Performance requirements in 45.005	Rel-6	No	GP
354	50105	Radio subsystem link control in 45.008	Rel-6	No	GP
355	**50106**	**DARP for GPRS and EGPRS MCS1-MCS4**	**Rel-6**	**No**	**GP**
356	50107	Performance requirements in 45.005	Rel-6	No	GP
357	50108	Radio subsystem link control in 45.008	Rel-6	No	GP
358	50115	**DARP Capability signalling**	Rel-6	No	GP
359	50116	**GERAN MS Conformance test for DARP**	Rel-6	No	G3
360	**50109**	**Reduction of PS service interruption in Dual Transfer**	**Rel-6**	**No**	**G2**
361	50110	**Use case and requirement definition**	Rel-6	No	G2
362	50111	**Performance Study of Current Procedures**	Rel-6	No	G2
363	50112	**Reduction of service interruption times and packet loss during**	Rel-6	No	G2
364	50113	**MS Conformance testing**	Rel-6	No	G3
365	50114	**BTS Conformance testing**	Rel-6	No	G3
366	12008	**CAMEL prepay interworking with SCUDIF**	Rel-6	No	N4
367	**31046**	**Circuit Switched Video and Voice Service Improveme**	**Rel-6**	**No**	**S1**
368	31047	**Stage 1 - Requirements**	Rel-6	No	S1



ID	Unique_	Name	Release	Early	Resou
370	32072	**Stage 2 description on Redial**	Rel-6	No	S2
371	52137	**GERAN2 Part**	Rel-6	No	G2
372	*13017*	**CN3 Part**	*Rel-6*	*No*	*N3*
373	33020	**Network Domain Security; MAP application layer secu**	Rel-6	No	S3
374	33021	**FS on Security for early IMS**	Rel-6	No	S3
375	*31029*	*Deleted - Study of Feature Interactions Requirements*	*Rel-6*	*No*	*S1*
376	0	**Rel-7 Features listed below**		No	
377	**2468**	**Multiple Input Multiple Output antennas (MIMO)**	**Rel-7**	**No**	**R1**
378	21006	**MIMO - Physical layer**	Rel-7	No	R1
379	22003	**MIMO - Layer 2,3 aspects**	Rel-7	No	R2
380	23008	**MIMO - Iub/Iur Protocol Aspects**	Rel-7	No	R3
381	24008	**MIMO - RF Radio Transmission/Reception, System Performan**	Rel-7	No	R4
382	**32045**	**PS domain and IMS impacts for supporting IMS Emerg**	**Rel-7**	**No**	**S2**
383	1314	**Service Requirements for IP-based emergency calls**	Rel-7	No	S1
384	32046	**Stage 2 for IMS-level solution**	Rel-7	No	S2
385	32080	**Stage 2 for GPRS-level solution**	Rel-7	No	S2
386	**1653**	**Emergency Call Enhancements for IP& PS Based Calls – stage**	**Rel-7**	**No**	**N1**
387	1315	SIP emergency calls and packet emergency calls signalling flows	Rel-7	No	N1
388	1646	Stage 3 for emergency calls and packet emergency calls in general	Rel-7	No	N1
389	**32064**	**Access Class Barring and Overload Protection**	**Rel-7**	**No**	**S2**
390	32065	**TR on Stage 2**		No	S2
391	50117	**Extra ACBOP information in GERAN**		No	GP
392	11048	**Stage 3 CN aspects of ACBOP**		No	N1
393	*20010*	*Deleted - Potential impact on Iu interface Overload functionality*		*No*	*RP*
394	*20009*	*Deleted - Extra ACBOP information in RAN*		*No*	*RP*
395	**31048**	**USSD message delivery and transfer to USIM**	**Rel-7**	**No**	**S1**
396	31060	**Stage 1**		No	S1
397	43008	**WI on Alignment with requirements regarding USSD usage**		No	T3
398	**32079**	**Location Services enhancements Rel-7**	**Rel-7**	**No**	**S2**
399	**31052**	**LCS for 3GPP Interworking WLAN**	**Rel-7**	**No**	**S1**
400	32077	Feasibility study on 3GPP system to Wireless Local Area Network (WLA	Rel-7	No	S1
401	20012	Inclusion of Uplink TDOA UE positioning method in the UTRAN specificati	Rel-7	No	R2
402	**31051**	**Toward A-GNSS concept**	**Rel-7**	**No**	**S1**
403	50548	**Toward A-GNSS concept**	Rel-7	No	GP
404	**32029**	**FS on applicability of GALILEO for LCS**	**Rel-7**	**No**	**S2**
405	32058	**TR on Stage 2**	Rel-7	No	S2



ID	Unique_	Name	Release	Early	Resou
407	**31049**	**Enhancements of VGCS in public networks for commu**	**Rel-7**	**No**	**S1**
408	31061	**Stage 1**	Rel-7	No	S1
409	11045	**Enhancements of VGCS in public networks for communication**	Rel-7	No	N1
410	31050	**Behaviour of Multi system UEs**	Rel-7	No	S1
411	31053	**Selective Disabling of UE Capabilities**	Rel-7	No	S1
412	**31054**	**FS on IMS with real time services deployment**	**Rel-7**	**No**	**S1**
413	31055	**Combining CS calls and IMS sessions**	Rel-7	No	S1
414	32076	**IMS services using CS bearers**	Rel-7	No	S2
415	31059	**All-IP Network Feasibility Study**	Rel-7	No	S1
416	32073	**Enhancement of E2E QoS**	Rel-7	No	S2
417	**32074**	**System enhancements for fixed broadband access to**	**Rel-7**	**No**	**S2**
418	32075	Stage 2	Rel-7	No	S2
419	11050	Protocol impact from providing IMS services via fixed broadband	Rel-7	No	N1
420	32078	*Deleted - IMS Phase 3*	Rel-7	No	S2
421	**32005**	**IMS Local services (CN WID needed)**	**Rel-7**	**No**	**S2**
422	32019	Stage 2 (SA2 propose delete this)	Rel-7	No	S2
423	11035	Stage 3 for IMS Local services	Rel-7	No	N1
424	14012	**Mp (MRFC - MRFP) interface - CN4 Part (check supporting con**	Rel-6	No	N4
425	**701216**	**Improvements of Radio Interface**	**Rel-7**	**No**	**RP**
426	20021	**UMTS 2.6 GHz**	Rel-7	No	R4
427	**20014**	**7.68Mcps TDD option**	**Rel-7**	**No**	**RP**
428	20015	**7.68Mcps TDD option: Stage 2**	Rel-7	No	R1
429	20016	**7.68Mcps TDD option: Physical Layer**	Rel-7	No	R1
430	20017	**7.68Mcps TDD option: Layer 2 and layer 3 protocol aspects**	Rel-7	No	R2
431	20018	**7.68Mcps TDD option: UTRAN Iub/Iur Protocol Aspects**	Rel-7	No	R3
432	20019	**7.68Mcps TDD option: RF Radio Transmission/ Reception, Sys**	Rel-7	No	R4
433	32081	**Support of SMS and MMS over generic 3GPP IP acces**	Rel-7	No	S2
434	32082	**Evolution of Policy Control and Charging**	Rel-7	No	S2
435	50551	**Support for GNSS in GERAN (Global Navigation Satelli**	Rel-7	No	GP
436	50552	**FS of enhanced support of Video Telephony**	Rel-7	No	GP
437	**50553**	**Generic Access to A/Gb Interface (GAAI)**	**Rel-7**	**No**	**GP**
438	50544	**FS on GAAI**	Rel-7	No	GP
439	50554	**GAAI – Stage 2**	Rel-7	No	GP
440	50555	**GAAI – Stage 3**	Rel-7	No	GP
441	50556	**MS Conformance Test for GAAI**	Rel-7	No	GP
442	50557	**Enhancements of VGCS in public networks for commu**	Rel-7	No	¡P;,G2



Project: 3GPP_Work Plan
Date: Mon 06/12/04