3GPP Work Plan – Cover page

Version 2002, November 8th

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 given WI, contact the MCC support of the given WI's responsible WG/TSG (mapping "WG/TSG to MCC support" and MCC e-mail addresses available 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 Alain Sultan 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 September 26th and November 8th

Updates have been received from:
SA1, SA2, SA3, SA5, CN4, CN5, RAN3

Specific changes not appearing in the Work Plan:
Deleted:

35009	Trace Management (as it is now BB under Rel6 OAM)	
52003	Uplink TDOA feasibility study	
1637	OSA enhancements - (merged with 15010	Rel-6 OSA enhancements)

Main changes between version July 31st and September 26th

For the elaboration of this version, inputs have been received from:
All CN WGs,
All T WGs,
All RAN WGs,
SA2, SA4, SA5,
GERAN

Moved from Rel5 to Rel6:
Improvements of Radio Interface
- Improvement of inter-frequency and inter-system measurement
- Base station classification/FDD Base station classification
- FS on Fast Cell Selection (FCS) for HS-DSCH
- FS on Radio link performance enhancements
- FS on UTRA WideBand Distribution Systems
- FS on Improvement of inter-frequency and inter-system measurements for 1.28 Mcps TDD

Moved from Rel6 to Rel5:
Hybrid ARQ II/III

UID 2490 Rel-5 RAN improvements / Improvement of Radio Resource Management across RNS and RNS/PSS changed to *UID 2490 Rel-5 RAN improvements / FS on Improvement of Radio Resource Management across RNS and RNS/PSS*
("*Improvement of Radio Resource Management across RNS and RNS/PSS*" is a Rel6 BB)

Deleted from Rel-5 RAN improvements (no work was never performed on these tasks):
1680 Header compression removal/stripping in the RAN
1686 Unequal error protection in PS domain in the RAN

Moved from Rel5 to Rel6:
20999 Beamforming Enhancements

Rel-5 RAN improvements :
23003 SRNS Relocation Procedure Enhancement
changed to
23003 FS on SRNS Relocation Procedure Enhancement

23004 Shared Network support in connected Mode
changed to
23004 UTRAN sharing in connected Mode
and moved from Rel6 to Rel5

42009 Multimedia Messaging (MMS) enhancements, new feature added to Rel6

31013 UE Functionality Split, feature deleted

50130 Seamless support of streaming services in A/Gb mode, new feature added to Rel6

34300 Performance characterisation of default codecs for PS conversational multimedia application, new feature Rel6

Deleted: 1858 UE Conformance test spec. AT command (part of Rel-4 Terminal interfaces, AT commands enhancements)

Deleted: 1621 impact on terminal (part of Rel-5 OSA enhancements, OSA security)

Deleted: 2338 Physical layer multiplexing (and corresponding WT: 2339 Stage 2, 2432 Stage 3), part of 2330 GERAN support for IMS

Deleted: WTs 2375 Codec renegotiation concept and 2376 LA (were part of BB 2370 Voice over GERAN PS and CS concept, itself part of feature 2345 Alignment of 3G functional split and Iu)

Deleted: BB 2377 GERAN Narrowband speech realization (was part of feature 2345 Alignment of 3G functional split and Iu)

Deleted: BBs 52102 Signalling and protocol support for a Flexible Layer One, 33101 Security for a Flexible Layer One, 54104 GERAN MS Conformance test for the Flexible Layer One, 53101 GERAN BTS Conformance test for the Flexible Layer One (were all part of FEATURE 50063 Flexible Layer One for GERAN)

Rel4:
1617 Prevention of user fraud (part of BB 112 OoBTC solution, itself part of 1541 Transcoder-Free Operation) deleted

Rel5:
Deleted: 2450 GERAN MS Conformance test for LCS and 2452 GERAN BTS Conformance test for LCS (both part of feature 1536 Rel-5 Location Services enhancements)

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:

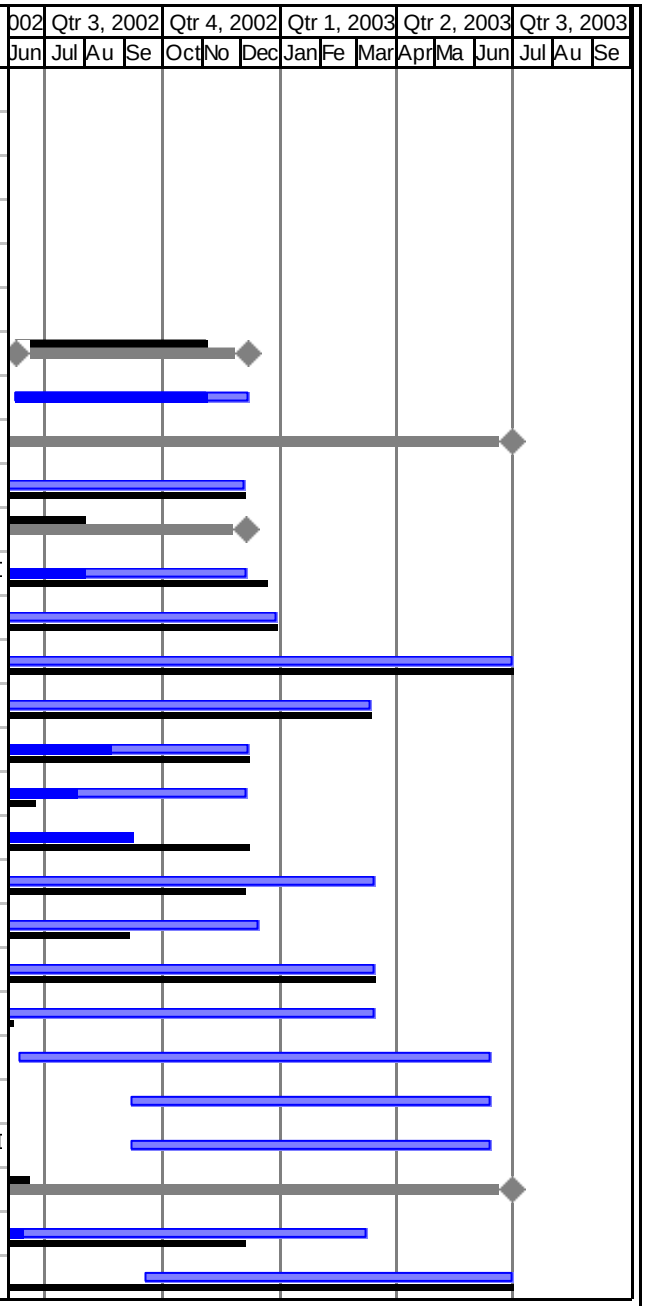
- % completed
- Impacted TS and TR
- Level of Approval (MCC<CHAIR<WG<TSG).
- Hyperlink (to the proposed/approved WI coversheet)
- WI rapporteur name
- WI rapporteur e-mail
- MCC responsible: defines who in MCC is responsible in monitoring the overall Feature.
- Notes (free field).
- Start date

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.

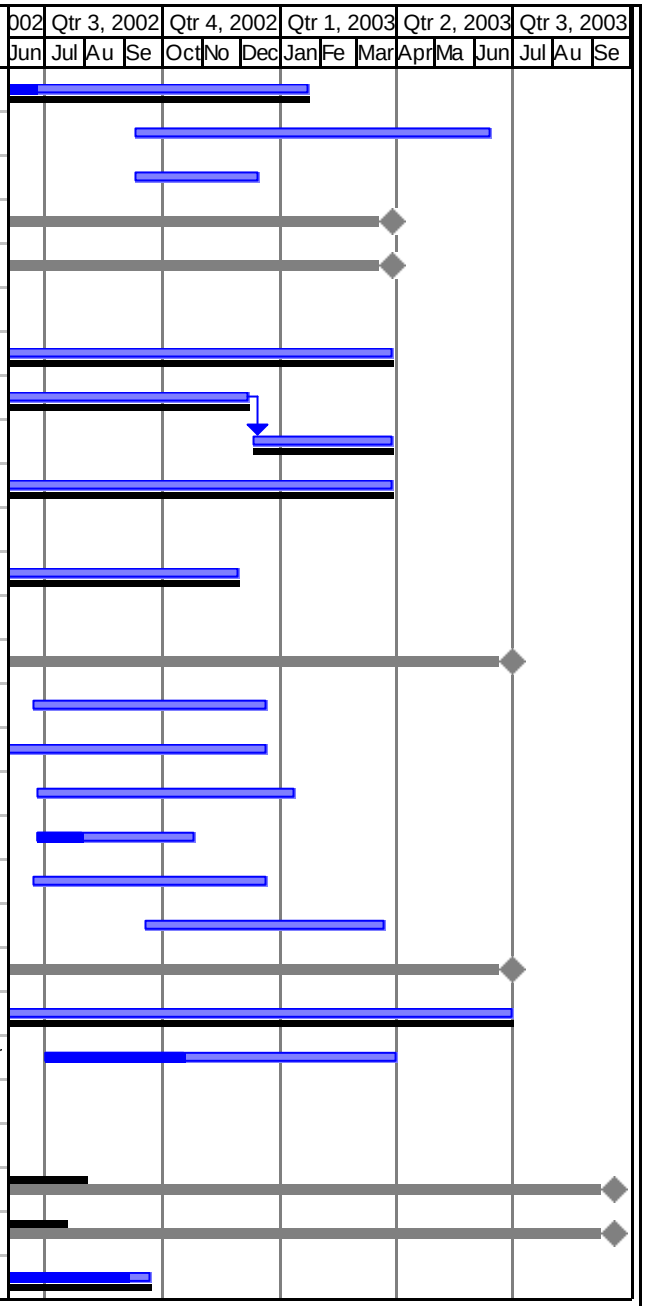
History

This section is reset after each plenary meeting.

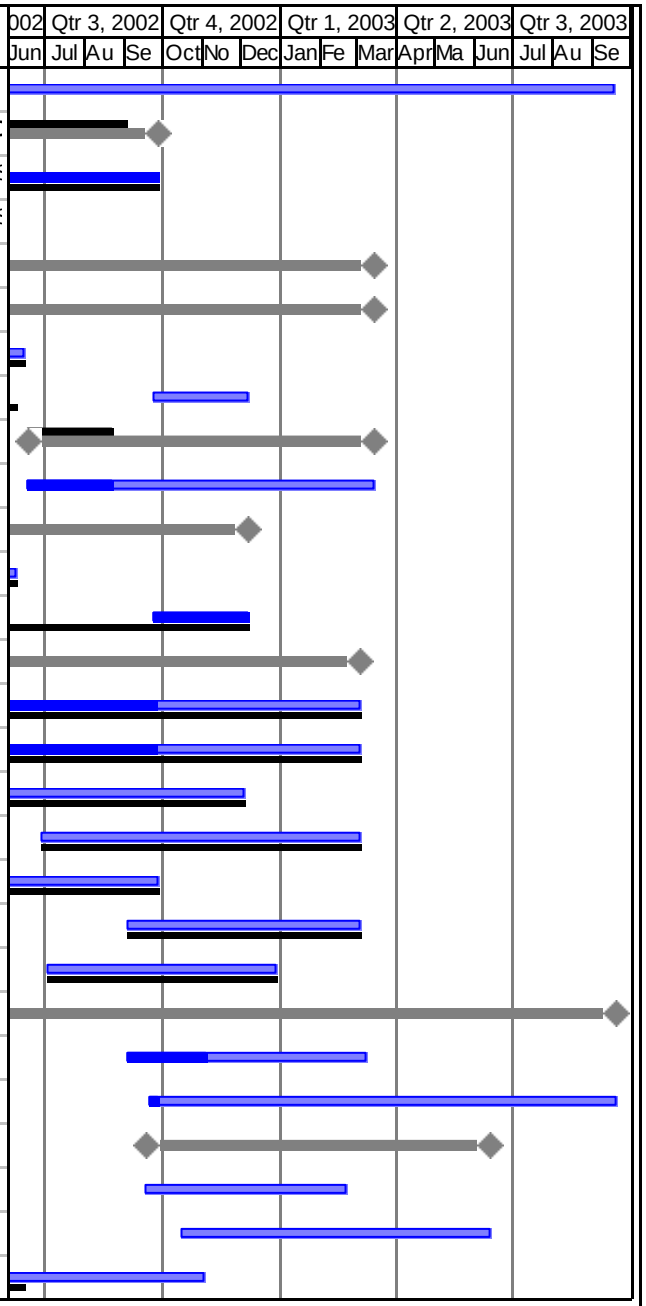
ID	Unique_II	Name	Release	Resource Na	Acronym
1	2044	**VERSION 2002 November 8th**	Rel		
2	1462	**"CTRL + a" to display all the 3GPP fields**			
3	2058	**Content of Rel4 and Rel5 frozen. Rel6 and after not frozen**	Rel		
4	0		Rel		
5	96				
6	2	**Evolutions of the transport in the UTRAN**	NA	TSG RAN	ETRAN
7	**4**	**Evolutions of the transport in the CN**	**NA**	**WG CN4**	**CNTRSP**
8	14011	Preferred Framing Protocol for bearer independent CS architecture	Rel6	WG CN4	PFP
9	**1216**	**Improvements of Radio Interface**	**NA**	**TSG RAN**	**RInImp**
10	1470	**Improvement of inter-frequency and inter-system measurem**	Rel6	WG RAN1	RInImp-IfIsM
11	**24004**	**Base station classification**	**Rel6**	**WG RAN4**	**RInImp-BSClass**
12	1476	FDD Base station classification	Rel6	WG RAN4	RInImp-BSClass-FDI
13	1218	**Improved usage of downlink resource in FDD for CCTrCHs of**	Rel6	WG RAN2	RInImp-CCTrCH
14	1507	**Terminal Power Saving features**	Rel6	WG RAN2	RInImp-TPS
15	2468	**Multiple Input Multiple Output antennas (MIMO)**	Rel6	WG RAN1	RInImp-MIMO
16	24006	**Improving Receiver Performance Requirements for the FDD U**	Rel6	WG RAN4	RInImp-UERecPerf
17	24003	**FS for the viable deployment of UTRA in additional and diver**	Rel6	WG RAN4	RInImp-UMTSBands
18	24005	**FS on UE antenna efficiency test methods performance requi**	Rel6	WG RAN4	RInImp-UEAnTM2
19	2471	**FS on Fast Cell Selection (FCS) for HS-DSCH**	Rel6	WG RAN1	RInImp-FCS
20	1506	**FS on Radio link performance enhancements**	Rel6	WG RAN1	RInImp-Rlperf
21	24001	**FS on UTRA WideBand Distribution Systems**	Rel6	WG RAN4	RInImp-WDS
22	21000	**FS on Improvement of inter-frequency and inter-system meas**	Rel6	WG RAN1	RInImp-IfIsMLCR
23	21003	**FS for the analysis of OFDM for UTRAN enhancements**	Rel6	WG RAN1	RInImp-FSOFDM
24	21004	**FS on Uplink Enhancements for Dedicated Transport Channe**	Rel6	WG RAN1	RInImp-FSUpDTrCh
25	21005	**FS on Analysis on Higher Chip Rates for UTRA TDD evolution**	Rel6	WG RAN1	Rin-Imp-FSVHCRTDI
26	**9**	**RAN improvements**	**NA**	**TSG RAN**	**RANimp**
27	20999	**Beamforming Enhancements**	Rel6	WG RAN1	RANimp-BFE
28	624	**RAB support enhancement**	Rel6	WG RAN2	RANimp-RABSE



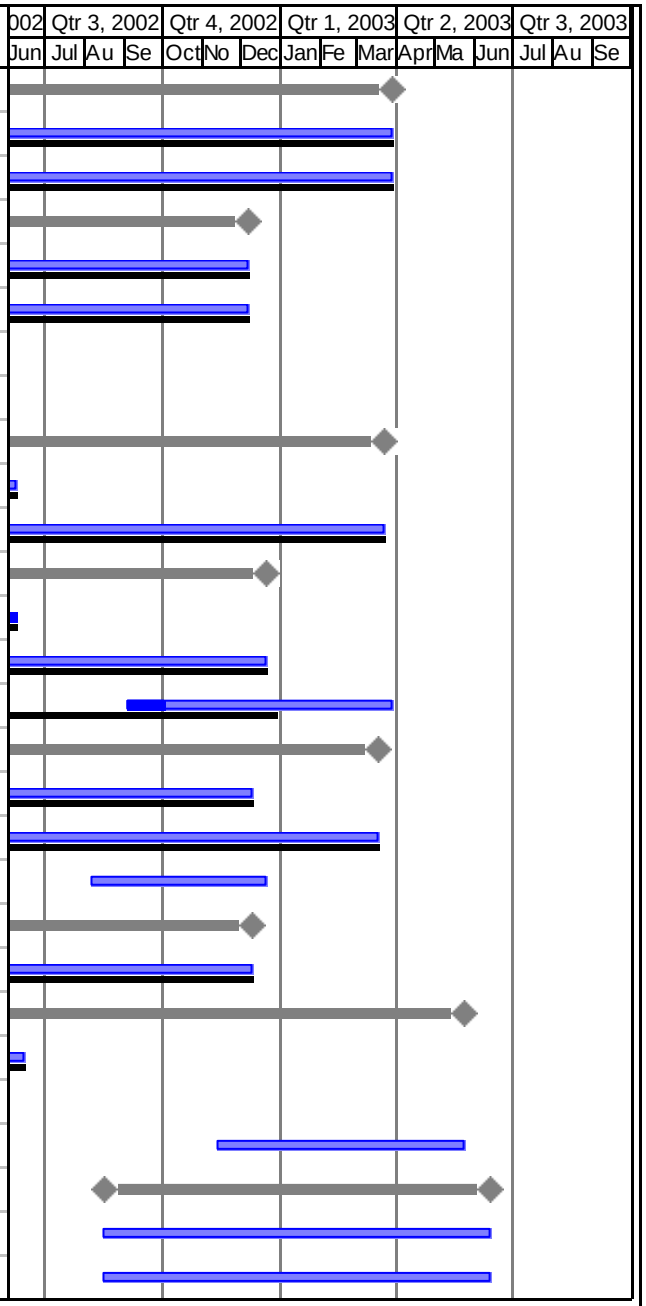
ID	Unique_ID	Name	Release	Resource Name	Acronym
29	23005	**Improvement of RRM across RNS and RNS/BSS**	Rel6	WG RAN3	RANimp-RRM1
30	23006	**FS on the evolution of the UTRAN architecture**	Rel6	WG RAN3	RANimp-FSEvo
31	22001	**FS for the Early Mobile Handling in UTRAN**	Rel6	WG RAN2	RANimp-FSEarlyUE
32	**1652**	**Emergency call enhancements**	**Rel6**	**WG CN1**	**EMC1**
33	**1653**	**For IP & PS based calls**	**Rel6**	**WG CN1**	**EMC1-PS**
34	1314	Service Requirements for IP-based emergency calls		WG SA1	EMC1-PS
35	1315	SIP emergency calls and packet emergency calls signalling flowsl		WG CN1	EMC1-PS
36	1316	Stage 2 for emergency calls and packet emergency calls in general		WG SA2	EMC1-PS
37	1317	Distinction of emergency call types to different emergency services		WG CN1	EMC1-PS
38	1646	Stage 3 for emergency calls and packet emergency calls in general		WG CN1	EMC1-PS
39	2224	Conformance Test Aspects - Emergency call enhancements		WG T1	
40	2225	Testing Stage 3 for emergency calls and packet emergency calls in general		WG T1	
41	1826	**Terminal interfaces**	NA	WG T2	TI
42	**32023**	**Location Services enhancements 2**	**Rel6**	**WG SA2**	**LCS2**
43	32024	**Improvement on Le interface**		WG SA2	
44	32001	**Enhanced support for user privacy and subscriber data handl**		WG SA2	
45	32025	**Enhanced inter-GMLC interface**		WG SA2	
46	32012	**Support of the Presence Service Architecture**		WG SA2	
47	32026	**New events for triggered location reports**		WG SA2	
48	32029	FS on applicability of GALILEO for LCS		WG SA2	
49	**20001**	**UE positionning**	**Rel6**	**TSG RAN**	**LCS2-UEpos**
50	2457	UE positioning enhancements - other methods		WG RAN2	LCS2-UEpos-enh
51	22002	FS on Enhancements to OTDOA Positioning using advanced blanking metho		WG RAN2	LCS2-UEpos-FSBlar
52	**2475**	**CLARIFY (Stage 3: 0%) - Open SMLC-SRNC Interface within th**	**Rel6**	**WG RAN2**	**LCS-Rel4Pos**
53	2127	Stage 2		WG SA2	
54	**1800**	**(U)SIM toolkit enhancements**	**NA**	**WG T3**	**USAT1**
55	**1802**	**UICC API**	**NA**	**WG T3**	**USAT1-API**
56	43001	Java API Test specification		WG T3	



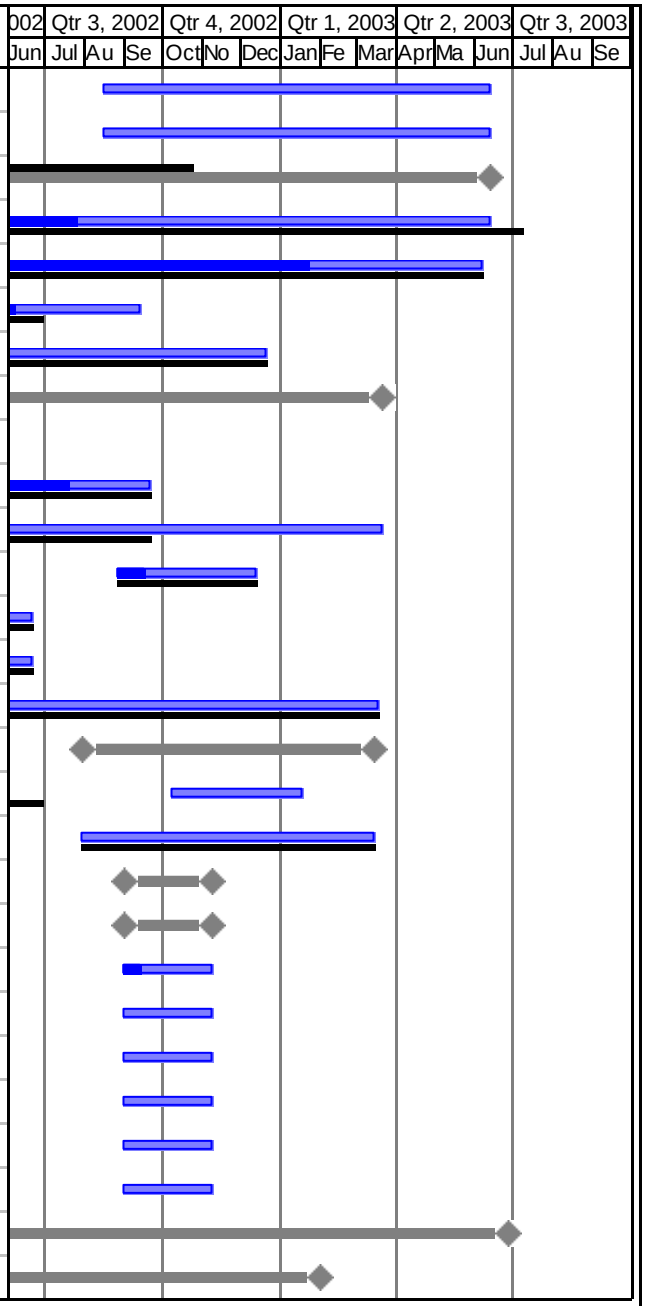
ID	Unique_II	Name	Release	Resource Na	Acronym
57	43003	Java API Test specification (TS 43.019 Rel-5)	Rel5	WG T3	
58	**2031**	**C SIM API**	**Rel6**	**WG T3**	**USAT1-API-MULTC**
59	2032	Specification		WG T3	USAT1-API-MULTOS
60	2033	Test specification		WG T3	USAT1-API-MULTOS
61	**1571**	**Security enhancements**	**NA**	**WG SA3**	**SEC1**
62	**2026**	**Enhanced HE control of security (including positive authentic**	**Rel6**	**WG SA3**	
63	2027	Stage 2		WG SA3	
64	2028	FS on Network impacts		WG CN4	
65	**33006**	**Network domain security**	**Rel6**	**WG SA3**	**SEC1-NDS**
66	33007	IP network layer security (NDS/IP)	Rel6	WG SA3	SEC1-NDS-IP
67	**33003**	**Rel-6 MAP application layer security**	**Rel6**	**WG SA3**	**SEC1-MAPAL**
68	33004	Main aspects		WG SA3	SEC1-MAPAL
69	33005	STAGE 3 for KEY distribution		WG CN4	SEC1-MAPAL
70	**1861**	**Miscelleneous UE Conformance Testing Activities**	**NA**	**WG T1**	**MISTST1**
71	1862	**Optimisation of Test Time, RF Aspects (FDD)**	el Indep	WG T1	MISTST1-OpFDD
72	1863	**Optimisation of Test Time, RF Aspects (TDD)**	el Indep	WG T1	MISTST1-OpTDD
73	1907	**Extensions to R99 Test cases**		WG T1	MISTST1-Ext
74	2564	**Extension to R99 Test cases - TTCN**		WG T1	MISTST1-Ext
75	2565	**Creation of R99 TCs for TDD - prose**		WG T1	MISTST1-TDD
76	2566	**Creation of R99 TCs for TDD - TTCN**		WG T1	MISTST1-TDD
77	1908	**Review all other work items for impact on new or exiting 34 s**		WG T1	MISTST1
78	**32021**	**IMS Phase 2**	**Rel6**	**WG SA1**	
79	32027	Stage 2 of IMS Phase 2	Rel6	WG SA2	
80	11031	**IMS Stage-3 Enhancements**	Rel6	WG CN1	
81	**11032**	**Interoperability and Commonality between IMS using differen**	**Rel6**	**WG CN1**	
82	32028	Stage 2		WG SA2	
83	11033	Stage 3		WG CN1	
84	32015	**Radio optimisation impacts on PS domain architecture**	Rel6	WG SA2	



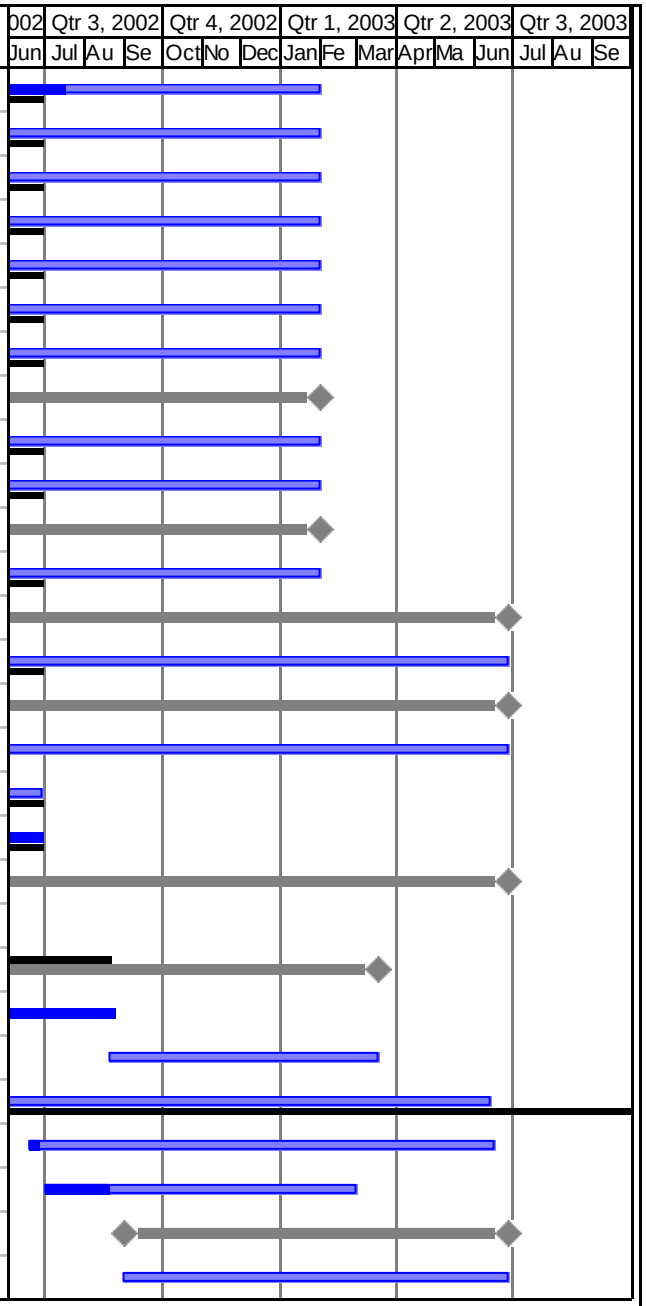
ID	Unique_II	Name	Release	Resource Na	Acronym
85	**2048**	**Interworking between IMS and IP networks**	**Rel6**	**WG CN3**	**IMS-CCR-IWIP**
86	13004	Interworking for 3GPP_SIP and IETF_SIP		WG CN3	
87	13005	Interworking for IPv6 to IPv4		WG CN3	
88	**2047**	**Interworking between IMS and CS networks**	**Rel6**	**WG CN3**	**IMS-CCR-IWCS**
89	13002	ITU-T Q.1912.SIP (SIP to BICC / ISUP interworking)		WG CN3	
90	13003	ITU-T dependency on Q.2150.3 (SCTP)		WG CN3	
91	**32005**	**IMS Local services**	**Rel6**	**WG SA2**	
92	32019	Stage 2		WG SA2	
93	**13011**	**Mm interface (CSCF to external IP multimedia network)**	**Rel6**	**WG CN3**	
94	11017	CN1 part		WG CN1	
95	13012	CN3 part		WG CN3	
96	**13013**	**Mg interface (BGCF to MGCF - interworking with CS)**	**Rel6**	**WG CN3**	
97	14002	Mg interface (BGCF to MGCF - interworking with CS)	Rel6	WG CN1	
98	13014	CN3 part		WG CN3	
99	14001	**Mn interface (IM-MGW to MGCF) enhancements**	Rel6	WG CN4	IMS-CCR-Mn
100	**31022**	**IMS Messaging**	**Rel6**	**WG SA1**	**IMSM**
101	31023	TR on support of messaging in the IMS		WG SA1	IMSM-TR
102	31024	CRs to existing 22-series specifications		WG SA1	IMSM-CR
103	32700	Stage 2		WG SA2	
104	**31025**	**IMS Group Management**	**Rel6**	**WG SA1**	**IMSGM**
105	31026	TS on IMS group management		WG SA1	IMSM-TR
106	**1365**	**Support of Push Services**	**Rel6**	**WG SA1**	**PUSH**
107	31004	**Stage 1**		WG SA1	
108	32000	**TR on feasibility study**		WG SA2	
109	32701	**Stage 2**		WG SA2	
110	**42009**	**Multimedia Messaging (MMS) enhancements**	**Rel6**	**WG T2**	**MMS6**
111	42010	**Definition of service requirements**		WG SA1	
112	42011	**Technical realization**		WG T2	



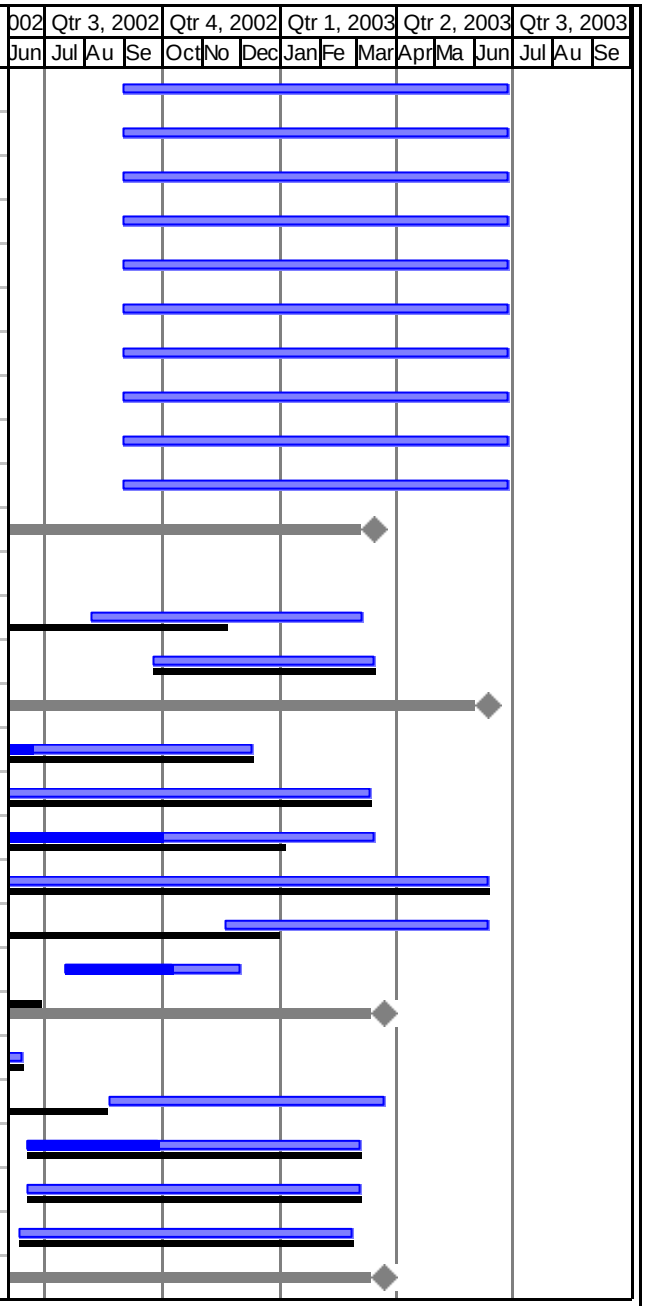
ID	Unique_II	Name	Release	Resource Na	Acronym
113	42012	**OMA dependencies**		WG T2	
114	42013	**MMS formats and codecs**		WG SA4	
115	**42005**	**Rel-6 MExE enhancements**	**Rel6**	**WG T2**	**MEXE6**
116	42006	**MExE Rel-6 Improvements and Investigations**		WG T2	MEXE6-ENHANC
117	42007	**MExE Run-Time Independent Framework Feasibility Study**		WG T2	MEXE6-RTIF
118	1142	**Charging and OAM&P**	NA	WG SA5	OAM
119	2062	**Subscription Management**	Rel6	WG SA5	SM
120	**2499**	**Support of Presence Capability**	**Rel6**	**WG SA1**	**PRESNC**
121	2501	**Stage 1**		WG SA1	
122	2502	**Stage 2**		WG SA2	
123	2503	**Stage 3**		WG CN1	
124	2504	**Security issues**		WG SA3	
125	2505	**USIM issues**		WG T3	
126	2506	**UE issues**		WG T2	
127	31028	**Presence Service Enhancements**	Rel6	WG SA1	PRES1
128	**2527**	**Emergency calls without UICC/SIM in netw. with IMS**	**Rel6**	**WG SA2**	
129	32014	**Stage 2**		WG SA2	
130	2528	**Stage 3 work for CN1**		WG CN1	
131	**50056**	**Enhanced A/Gb feasibility study**	**TBD**	**TSG GERAN**	**AGbEnFS**
132	**50057**	**Feasibility study on A/Gb enhancements**		**/VG GERAN2**	
133	50080	Requirements for the support of conversational services		TSG GERAN	
134	52081	Identification of the different building blocks for the provision of conversati		/VG GERAN2	
135	52082	Outline of impact and feasibility of these building blocks and their different s		/VG GERAN2	
136	50081	Impact on 3GPP architecture and requirement to co-ordinatge with other TS		TSG GERAN	
137	50082	Standardisation effort		TSG GERAN	
138	50083	Dependency to other features		TSG GERAN	
139	**50063**	**Flexible Layer One for GERAN**	**TBD**	**TSG GERAN**	**FLOGER**
140	**50064**	**Realisation of a Flexible Layer One**		**TSG GERAN**	**FLOGER-Real**



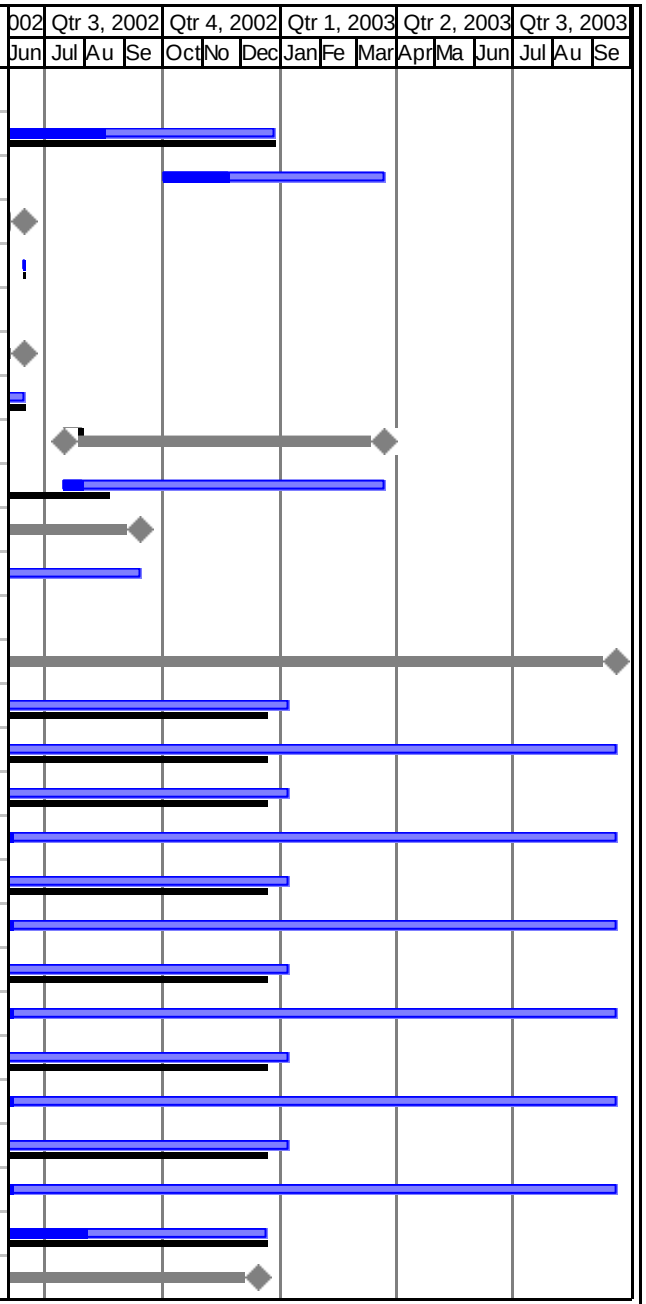
ID	Unique_II	Name	Release	Resource Na	Acronym
141	50065	Technical Report		TSG GERAN	
142	51002	Architecture in 45.001 and 43.051		/VG GERAN1	
143	51003	Multiplexing in 45.002		/VG GERAN1	
144	51004	Channel Coding in 45.003		/VG GERAN1	
145	51005	Performance Requirements in 45.005		/VG GERAN1	
146	51006	Radio subsystem link control in 45.008		/VG GERAN1	
147	52071	Requirements in 44.004		/VG GERAN2	
148	**52072**	**Signalling and protocol support for a Flexible Layer One**		**/VG GERAN2**	**FLOGER-SigPro**
149	52073	Modifications to RLC/MAC in 44.060 and 44.160		/VG GERAN2	
150	52074	Modifications to RRC in 44.118 and 44.018		/VG GERAN2	
151	**52075**	**Security for a Flexible Layer One**		**/VG GERAN2**	**FLOGER-SecFLO**
152	52076	Ciphering in 44.160,44.118, 44.060 and 44.018		/VG GERAN2	
153	**55077**	**GERAN MS Conformance test for the Flexible Layer One**		**/VG GERAN5**	**FLOGER-Msconf**
154	55078	MS Test in 51.010		/VG GERAN5	
155	**55079**	**GERAN BTS Conformance test for the Flexible Layer One**		**/VG GERAN3**	**FLOGER-BTSconf**
156	53080	BTS Test in 51.021		/VG GERAN3	
157	55080	BTS Test in 51.021		/VG GERAN5	
158	50041	**Uplink TDOA feasibility study**	Rel6	TSG GERAN	TDOAF
159	**2544**	**Multimedia Broadcast and Multicast Service**	**Rel6**	**WG SA1**	**MBMS**
160	2545	**Stage 1**		WG SA1	
161	**32002**	**Stage 2**		**WG SA2**	
162	32702	TR on Architectural Study			
163	32703	Stage 2 Specification Work			
164	2481	**Introduction of MBMS in RAN**		WG RAN2	
165	11030	**Support of the MBMS in CN protocols**		WG CN1	
166	33008	Security Aspects of Multimedia Broadcast/Multicast Service (MBMS)		WG SA3	MBMS
167	**50085**	**Support of MBMS in GERAN**	**Rel6**	**TSG GERAN**	**MBMS-GERAN**
168	50086	Impact on the logical and physical channels		TSG GERAN	



ID	Unique_II	Name	Release	Resource Na	Acronym
169	51085	Simultaneous support of MBMS services		NG GERAN1	
170	51086	Simultaneous support of MBMS and non-MBMS services		NG GERAN1	
171	52085	Re-synchronisation at cell change		NG GERAN2	
172	50087	Decision making process between point-to-point or pont-to-multipoint config		TSG GERAN	
173	50088	MBMS channel allocations procedures to multiple MSs		TSG GERAN	
174	50089	Changes to the Gb interface		TSG GERAN	
175	50090	GERAN specific changes to the Iu-ps interface		TSG GERAN	
176	50091	Interaction between MBMS and Iu-flex		TSG GERAN	
177	50092	Security aspects		TSG GERAN	
178	55091	MS conformance tests		NG GERAN5	
179	**31006**	**Speech Recognition and Speech Enabled Services**	**Rel6**	**WG SA1**	**SRSES**
180	31007	**Speech Enabled Services Based on Distributed Speech Reco**		WG SA1	DSR
181	32999	**Stage 2 of DSR**		WG SA2	DSR
182	11021	**SDP protocols extension to include DSR**		WG CN1	DSR
183	**31008**	**Generic User Profile**	**Rel6**	**WG SA1**	**GUP**
184	31009	**Stage 1 - Requirements**		WG SA1	GUP
185	42002	**Stage 2 - Data description framework**		WG T2	GUP
186	32008	**Stage 2 - Architecture**		WG SA2	GUP
187	42003	**Stage 3 - Common objects**		WG T2	GUP
188	14008	**Stage 3 - Network**		WG CN4	GUP
189	33009	Security Aspects		WG SA3	GUP
190	**31010**	**Digital Rights Management**	**Rel6**	**WG SA1**	**DRM**
191	31011	**Requirements**		WG SA1	DRM
192	32009	**Architecture**		WG SA2	DRM
193	33001	**Security**		WG SA3	DRM
194	34017	**Codec Aspects**		WG SA4	DRM
195	42004	**Terminal Aspects**		WG T2	DRM
196	**31012**	**FS on WLAN-UMTS Interworking**	**Rel6**	**WG SA1**	**WLAN**



ID	Unique_II	Name	Release	Resource Na	Acronym
197	31020	**Technical Report**		WG SA1	WLAN-TR
198	32018	**WLAN Interworking – Architecture Definition**		WG SA2	WLAN
199	32704	**Security**		WG SA3	WLAN
200	**31015**	**Priority Service**	**Rel6**	**WG SA1**	**PRIOR**
201	31016	**Feasibility Study**		WG SA1	PRIOR-FS
202	31017	**Stage 1 - Requirements**		WG SA1	PRIOR-SR
203	**31018**	**Network Sharing**	**Rel6**	**WG SA1**	**NTShar**
204	31019	**Technical Report**		WG SA1	NTShar-TR
205	**32016**	**QoS Improvements**	**NA**	**WG SA2**	**QoS1**
206	32017	**FS on Dynamic Policy control enhancements for end-to-end (**	Rel6	WG SA2	QoS1
207	**33002**	**Support for subscriber certificates**	**Rel6**	**WG SA3**	**SEC1-SC**
208	32705	**Stage 1**		WG SA3	
209	32706	**Stage 2**		WG SA2	
210	**15010**	**Rel-6 OSA enhancements**	**Rel6**	**WG SA1**	**OSA3**
211	15011	**Support of a Generic Network Interface Function (Stage 1)**		WG SA1	OSA3
212	15023	**Support of a Generic Network Interface Function (Stage 3)**		WG CN5	OSA3
213	15012	**Local services (Stage 1)**		WG SA1	OSA3
214	15018	**Local services (Stage 3)**		WG CN5	OSA3
215	15013	**Support for MMS Relay/Server to VASP Connectivity (Stage 1**		WG SA1	OSA3
216	15019	**Support for MMS Relay/Server to VASP Connectivity (Stage 3**		WG CN5	OSA3
217	15014	**Support for the Push-Service (Stage 1)**		WG SA1	OSA3
218	15020	**Support for the Push-Service (Stage 3)**		WG CN5	OSA3
219	15015	**Enhanced User Notification (Stage 1)**		WG SA1	OSA3
220	15021	**Enhanced User Notification (Stage 3)**		WG CN5	OSA3
221	15016	**Support for GUP to enable applications access to the Users P**		WG SA1	OSA3
222	15022	**Support for GUP to enable applications access to the Users P**		WG CN5	OSA3
223	15017	**Security**		WG SA3	OSA3
224	**1433**	**Retrieval of Terminal capabilities**	**Rel6**	**WG SA2**	**OSA1-TC**



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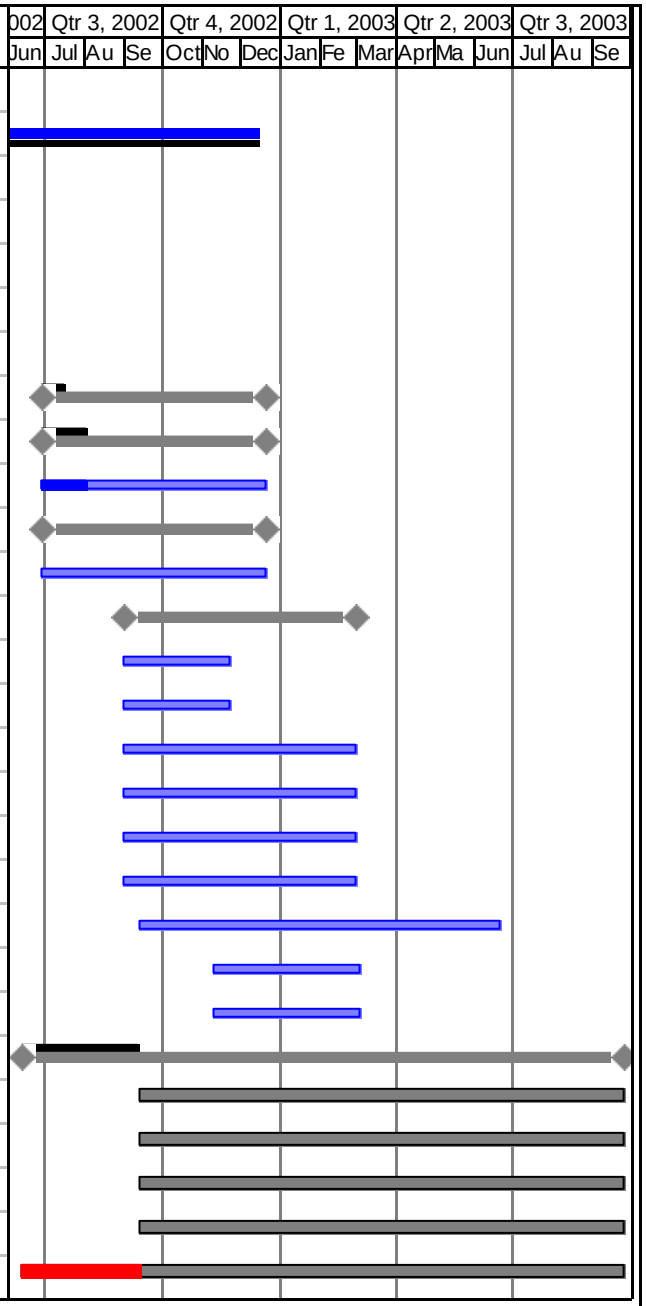
225	1434	Stage 1		WG SA1	OSA1-TC
226	1436	Stages 2 and 3		WG CN5	OSA1-TC
227	2122	Provisionning of the terminal capabilities		WG T2	OSA1-TC
228	**2538**	**Interaction with other features**	**NA**	**WG SA1**	
229	2539	Access to Presence information	Rel6	WG SA1	OSA1-PI
230	2540	Access to User Profile	Rel6	WG SA1	OSA1-UP
231	2541	Policy Management	Rel6	WG SA1	OSA1-PM
232	**50401**	**Addition of frequency bands to GSM**	**Rel6**	**TSG GERAN**	**TAPS**
233	**51101**	**Addition of frequency bands to GSM – Changes to core specs**		**WG GERAN1**	**TAPS-Core**
234	51102	Changes to core specs		WG GERAN1	
235	**54102**	**Addition of frequency bands to GSM – Changes for conformar**		**WG GERAN4**	**TAPS-Conf**
236	54103	51.010-1 Add testing		WG GERAN4	
237	**50130**	**Seamless support of streaming services in A/Gb mode**	**Rel6**	**TSG GERAN**	**SSStrea**
238	51131	**Identification of requirements for streaming**		WG GERAN1	
239	51132	**Performance study of cell change mechnisms**		WG GERAN1	
240	52131	**Reduction of service interruption times and packet loss durin**		WG GERAN2	
241	52132	**Header compression**		WG GERAN2	
242	54131	**MS conformance testing**		WG GERAN4	
243	53131	**BTS conformance testing**		WG GERAN3	
244	34300	**Performance characterisation of default codecs for PS cor**	Rel6	WG SA4	CODCAR
245	31029	Study of Feature Interactions Requirements	Rel6	WG SA1	FINTER
246	31030	Study on Privacy Capability	Rel6	WG SA1	PrivCap
247	**35010**	**Rel-6 OAM&P**	**Rel6**	**WG SA5**	**OAM**
248	35011	Rel6 Principles, high level Requirements and Architecture		WG SA5	OAM-AR
249	35012	Rel6 Performance Management		WG SA5	OAM-PM
250	35013	Rel6 User Equipment Management		WG SA5	OAM-UEM
251	35014	Rel6 Network Infrastructure Management		WG SA5	OAM-NIM
252	35015	Rel6 Trace Management		WG SA5	OEM-Trace



Project: 3GPP_Work Plan
Date: Fri 08/11/02