

3GPP Work Plan – Cover page
Version 2004, March 11th

Introduction

This cover sheet contains 3 parts:
Part 1: Specific comments for this version
Part 2: General recurrent information
Part 3: History

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

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

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

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

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

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

Specific comments for this version

Main changes between version 16 January and 11 March 2004

Inputs have been received from the following WGs:
SA1, SA2, SA4, SA5, CN1, CN2, CN4, T2, T3, GERAN

More than 300 lines have been updated since previous version (see « last modif » field) !

The following tasks containing "DELETE" in their title have been deleted:

ID	Unique	Name	Release	Resou	Modifi	Acro	Level o	Start	Qtr 1, 2000				Qtr 3, 2000
									Jan	Mar	May	Jul	
80	32021	IMS Phase 2	Rel-6	S1	No	IMS2	TSG	Mon 03/01/00					
108	13011	TO BE DELETED_Mm interface (CSCF to external IP multimedia network) -- NO	Rel-6	N1	Yes			Mon 03/01/00					
121	1365	Support of Push Services	Rel-6	S1	No	PUSH	TSG	Wed 03/01/01					
123	32000	DELETE - MOVE TO REL5- TR on feasibility study	Rel-6	S2	No			Wed 03/01/01					
199	31006	Speech Recognition and Speech Enabled Services	Rel-6	S1	No	SRSETSG		Mon 08/10/01					
202	11021	TO BE DELETED AT CN#23-SES codec negotiation at SDP	Rel-6	N1	No			Mon 23/09/02					
273	31029	Study of Feature Interactions Requirements (This should be deleted)	Rel-6	S1	Yes	FINT	TSG	Fri 08/11/02					

All the items under Security need to be checked. The present Work Plan shows the following:

ID	Unique	Name	Release	Splittable	Resou	Modifi	Acro	Level of	Start	Qtr 1, 2001			Qtr 3, 2001			Qtr 1, 2002		
										Jan	Mar	May	Jul	Sep	Nov	Jan	Mar	May
73	1571	Security enhancements	Rel-6	No	S3	No	SEC1	TSG	Wed 03/01/01									
74	2026	Enhanced HE control of security (includi	Rel-6	No	S3	No			Wed 03/01/01									
75	2027	Stage 2	Rel-6	No	S3	No			Wed 03/01/01									
76	33006	Network domain security	Rel-6	No	S3	No	SEC1	TSG	Mon 17/06/02									
77	33007	IP network layer security (NDS/IP)	Rel-6	No	S3	No	SEC1	WG	Mon 17/06/02									
78	33017	Network Domain Security; Authentication	Rel-6	No	S3	No	SEC1	TSG	Fri 15/02/02									
79	33019	Key Management of group keys for Voice	Rel-6	No	S3	No	SEC1	TSG	Fri 26/09/03									

ID1571 (feature) should have disappeared, as the only BB under it (ID2026) should have been deleted (but the corresponding input to the Work Plan was never provided).

Also, in earlier version, ID33017 was a feature of its own but now it has been put under ID1571. It seems that ID1571 is a good home for ID33017 but there is no visibility of the corresponding decision of moving ID33017 under ID1571.

The history of ID1571 and related work items has to be clarified.

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
- 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.

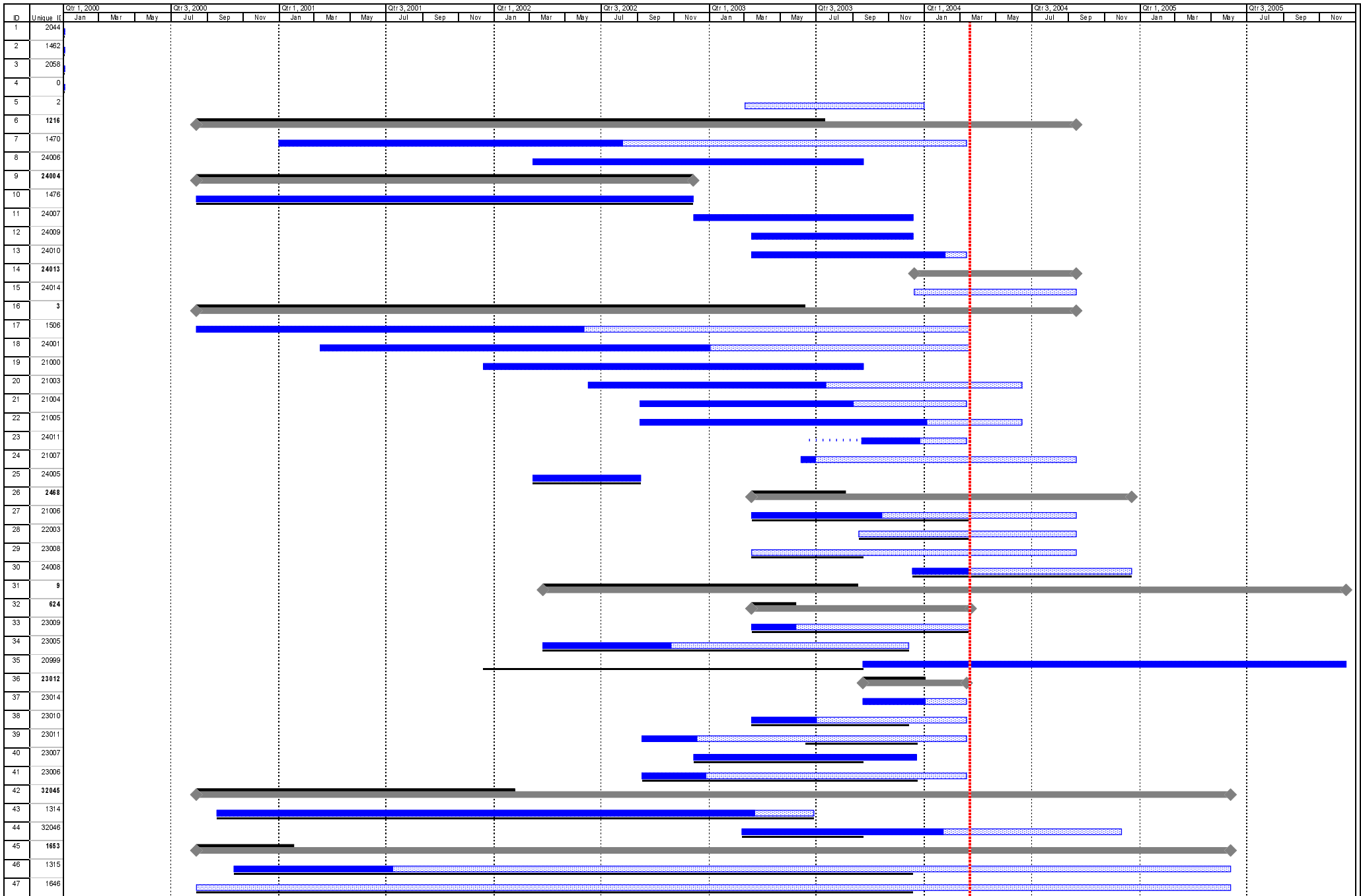
History

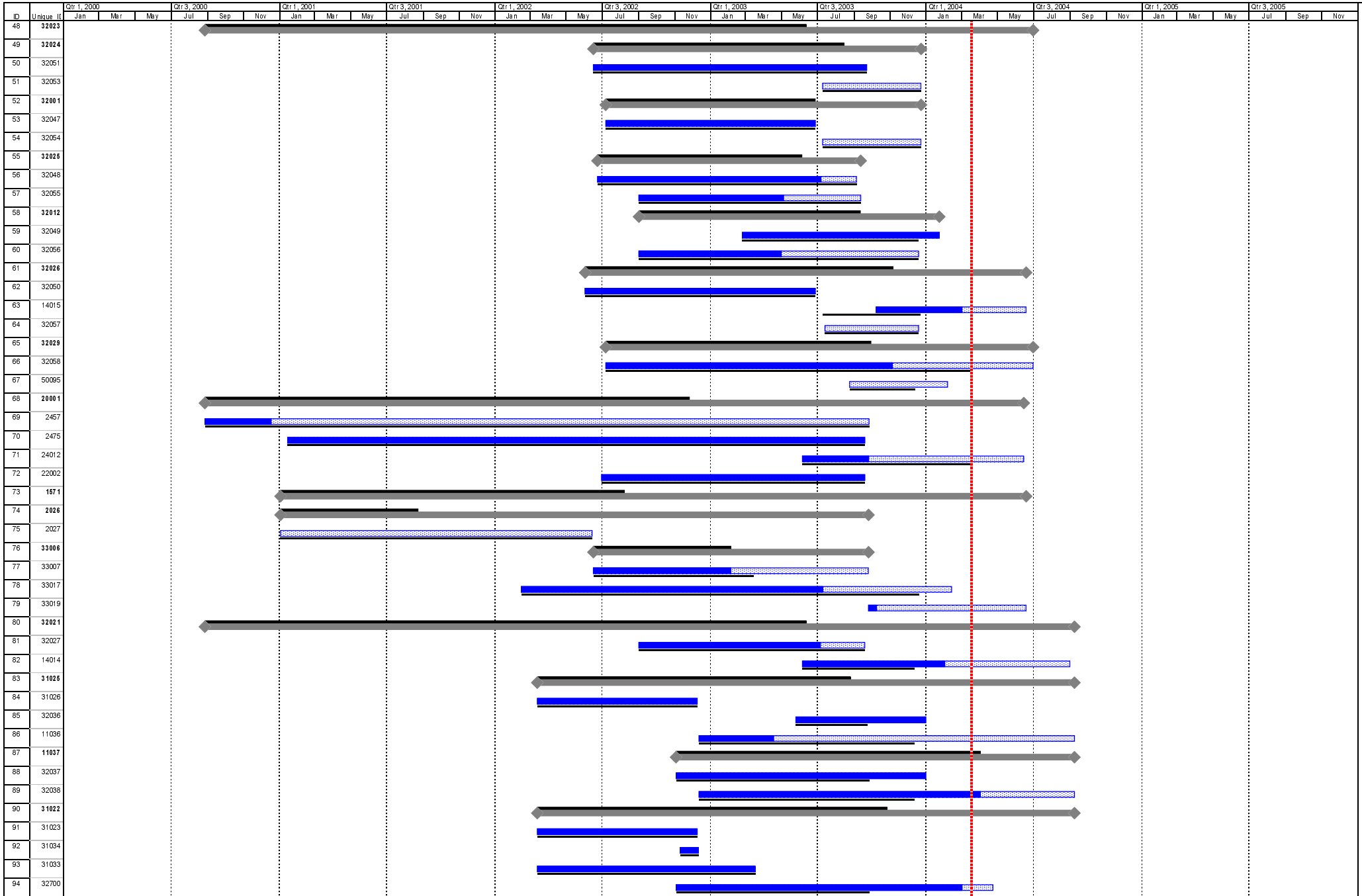
This section is reset after each plenary meeting.

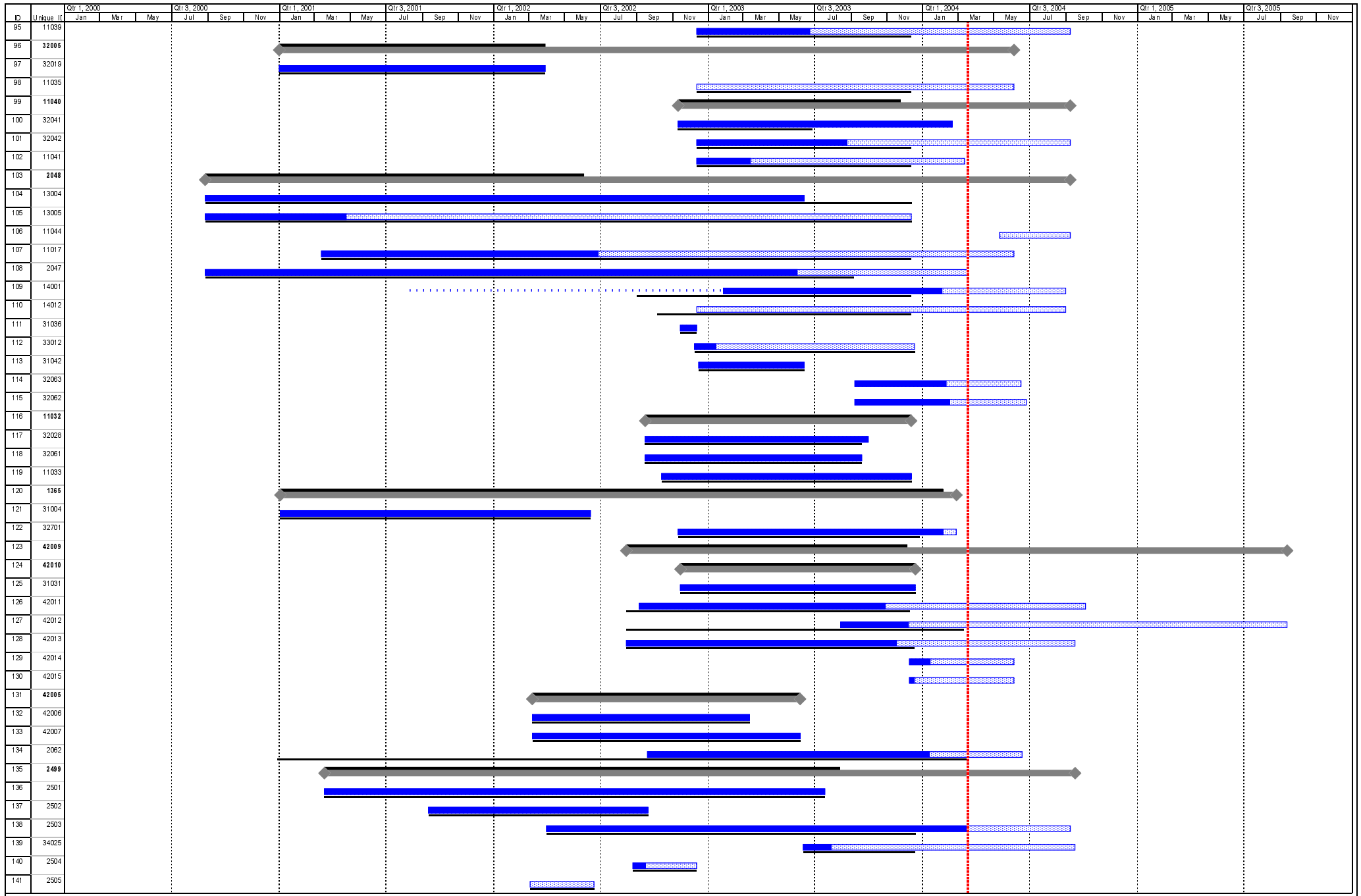
Id	Stage	Name	Reference	Priority	Modif.	Version	Start	End	Impact %	Impact TIme	Key	Approved by	MCC resp	Res. avail.	Notes
1	2044	VERSION 2004 March 11th	Rel	No			Mon 03/01/00	Mon 03/01/00	0%						
2	1462	CTRL + a to display all the 3GPP fields	Rel	No			Mon 03/01/00	Mon 03/01/00	0%						
3	2058	Content of Rel6 and after. Not frozen.	Rel	No			Mon 03/01/00	Mon 03/01/00	0%						
4	0		Rel	No			Mon 03/01/00	Mon 03/01/00	0%						
5	1216	Evolutions of the transport in the UTRAN	NA	RP	No	ET RP	TSG	Mon 03/03/03	Wed 31/12/03	0%		Wolfgang	McC_RAN		Generic feature
6	1470	Improvements of Radio Interface	Rel6	RP	No	RAN	TSG	Mon 14/08/00	Tue 14/08/04	67%	Wolfgang				This is a generic feature without particular end date
7	2406	Improvement of inter-frequency and inter-system measurement	Rel6	R1	No	RAN	TSG	Mon 01/01/01	Fi 12/03/04	50%	Wolfgang	Andreas	McC_RAN		
8	2406	Improving Receiver Performance Requirements for the FDD UE	Rel6	R4	No	RAN	TSG	Fi 08/03/02	Fi 19/09/03	100%	Wolfgang	Ilmei	McC_RAN		
9	2404	Base station classification	Rel6	R4	No	RAN	TSG	Mon 14/08/00	Wed 04/12/00	100%	Wolfgang				
10	1474	FDD Base station classification	Rel6	R4	No	RAN	TSG	Mon 14/08/00	Wed 04/12/02	100%	Wolfgang	Andreas			
11	2407	UMTS-RS	Rel6	R4	No	RAN	TSG	Fi 06/12/02	Fi 12/12/03	100%	Wolfgang	John	McC_RAN		
12	2409	DS-SSMA introduction in the 800 MHz band	Rel6	R4	No	RAN	TSG	Fi 14/03/03	Fi 12/12/03	100%	Wolfgang	John	McC_RAN		
13	2410	UMTS 1.772.1 GHz	Rel6	R4	No	RAN	TSG	Fi 14/03/03	Fi 12/03/04	50%	Wolfgang	John	McC_RAN		
14	2403	Improved Receiver Performance Requirements for HSDPA	Rel6	R4	No	RAN	TSG	Mon 15/12/03	Tue 14/09/04	0%	Wolfgang	Ilmei	McC_RAN		Approved at TSG RAN#22 as RP-03072
15	2404	Performance Requirements of Receive Diversity for HSDPA	Rel6	R4	No	RAN	TSG	Mon 15/12/03	Tue 14/09/04	0%	Wolfgang	Ilmei	McC_RAN		Approved at TSG RAN#22 as RP-03073
16	3	Feasibility Studies	Rel6	RP	No			Mon 14/08/00	Tue 14/09/04	60%					
17	1506	FS of Radio Bts performance enhancements	Rel6	R1	No	RAN	TSG	Mon 14/08/00	Fi 19/03/04	50%	Wolfgang	John	McC_RAN		
18	2401	FS of UTRAN Widespread Distribution Systems	Rel6	R4	No	RAN	TSG	Mon 12/03/01	Fi 19/03/04	60%	Wolfgang	John	McC_RAN		
19	21000	FS of Improvement of Inter-frequency and Inter-system Measurements for 1.28 Mcps TDD	Rel6	R1	No	RAN	TSG	Fi 14/12/01	Fi 19/09/03	100%	Wolfgang	Ilmei	McC_RAN		
20	21003	FS for the analysis of OFDM for UTRAN enhancement	Rel6	R1	No	RAN	TSG	Mon 10/09/02	Mon 14/06/04	55%	Wolfgang	John	McC_RAN		
21	21004	FS of UTRAN Enhancements for Dedicated Transport Channels	Rel6	R1	No	RAN	TSG	Fi 06/09/02	Fi 12/03/04	65%	Wolfgang	Ilmei	McC_RAN		
22	21005	FS of Analysis of Higher Code Rates for UTRAN TDD evolutions	Rel6	R1	No	RAN	TSG	Fi 06/09/02	Mon 14/06/04	75%	Wolfgang	Ilmei	McC_RAN		
23	24011	FS of Low Output Powers for general purpose FDD BSs	Rel6	R3	No	RAN	TSG	Fi 13/09/03	Fi 12/03/04	55%	Wolfgang	Ilmei	McC_RAN		
24	21007	FS of UTRAN Enhancements for UTRAN TDD	Rel6	R1	No	RAN	TSG	Fi 06/09/03	Tue 14/09/04	5%	Wolfgang	Ilmei	McC_RAN		
25	24005	FS of UTRAN Efficiency Methods: performance requirements (2)	Rel6	R4	No	RAN	TSG	Fi 08/03/02	Fi 08/03/02	100%	Wolfgang	Ilmei			
26	2448	Multiple Input Multiple Output antennas (MIMO)	Rel6	R1	No	MNO	TSG	Fi 14/03/03	Fi 17/12/04	17%	Wolfgang	Andreas	McC_RAN		The RAN#2/EAN#M FS was re-opened at TSG RAN#19 per request from WG4
27	21008	Multiple Input Multiple Output antennas - Physical layer	Rel6	R1	No	MNO	TSG	Fi 14/03/03	Tue 14/09/04	40%	Wolfgang	Andreas	McC_RAN		
28	22003	Multiple Input Multiple Output antennas - Layer 2,3 aspects	Rel6	R2	No	MNO	TSG	Fi 12/09/03	Tue 14/09/04	0%	Wolfgang	Andreas	McC_RAN		
29	23009	Multiple Input Multiple Output antennas - WUE/WF Protocol Aspects	Rel6	R3	No	MNO	TSG	Fi 14/03/03	Tue 14/09/04	0%	Wolfgang	Andreas	McC_RAN		
30	24008	Multiple Input Multiple Output antennas - RF Rad to Transmission/Reception	Rel6	R4	No	MNO	TSG	Fi 12/12/03	Fi 17/12/04	27%	Wolfgang	Andreas	McC_RAN		
31	9	RAN improve ments	Rel6	RP	No	RAN	TSG	Mon 25/03/02	Fi 16/12/00	50%					Generic feature
32	624	RAN support enhancement	Rel6	R2	No	RAN	TSG	Fi 14/03/03	Fi 19/03/04	20%	Wolfgang	John	McC_RAN		This is a building block without particular end date
33	23009	Enhancements for RAN Support in RAN	Rel6	R3	No	RAN	TSG	Fi 14/03/03	Fi 19/03/04	20%	Wolfgang	John	McC_RAN		
34	23005	Improvement of RRM across RNS and RNS/BSS	Rel6	R3	No	RAN	TSG	Mon 25/03/02	Fi 16/12/00	35%	Wolfgang	Andreas	McC_RAN		
35	20589	Beamforming Enhancements	Rel6	R1	No	RAN	TSG	Fi 18/03/03	Fi 16/12/00	100%	Wolfgang	Andreas	McC_RAN		
36	23012	Rel6 RRM optimization for fur and lub	Rel6	R3	No	RAN	TSG	Fi 19/09/03	Fi 12/03/04	60%	Wolfgang	Andreas	McC_RAN		
37	23014	Improved access to User Equipment UE measurement data for Controlling Radio Network Control	Rel6	R3	No	RAN	TSG	Fi 18/03/03	Fi 12/03/04	60%	Wolfgang	Ilmei	McC_RAN		
38	23010	Remote Control of Electrical Tilting Antennas	Rel6	R3	No	RAN	TSG	Fi 14/03/03	Fi 12/03/04	30%	Wolfgang	Ilmei	McC_RAN		
39	23011	Network Assisted Cell Change (NACC) from UTRAN to GERAN - networks	Rel6	R3	No	RAN	TSG	Mon 09/09/02	Fi 12/03/04	17%	Wolfgang	Ilmei	McC_RAN		
40	23007	FS of the improved access to UE measurement data for GERAN to support	Rel6	R3	No	RAN	TSG	Fi 06/12/02	Tue 18/12/03	100%	Wolfgang	Ilmei	McC_RAN		
41	23006	FS on the evolution of the UTRAN architecture	Rel6	R3	No	RAN	TSG	Mon 09/09/02	Fi 12/03/04	20%	Wolfgang	Ilmei	McC_RAN		
42	32045	PS domain and IMS impacts for supporting IMS Emergency calls	Rel6	R2	No	EMCI	TSG	Mon 14/08/00	Fi 01/06/01	30%	SP-03024	Ralf	McC_RAN		
43	1314	Service Requirements for IP based emergency calls	Rel6	R1	No			Mon 18/08/00	Fi 27/06/03	90%					
44	32046	Stage 2	Rel6	R2	No			Wed 26/02/03	Tue 30/11/04	53%					
45	1653	Emergency Call Enhancements for IP: PS Based Calls - stage 3	Rel6	R1	No			Mon 14/08/00	Fi 01/06/01	8%	SP-03048	Andreas	McC_RAN		
46	1315	SIP Emergency calls as distinct emergency calls signaling flow	Rel6	R1	No			Tue 17/10/00	Fi 03/06/05	16%	TS 24.229				
47	1646	Stage 3 to emergency calls as distinct emergency calls in general	Rel6	R1	No			Mon 14/08/00	Fi 03/06/05	0%	TS 24.229				
48	32023	Location Services enhancements 2	Rel6	R2	No	LCB	TSG	Mon 28/08/00	Wed 30/06/04	63%	SP-03022		San-Ji		
49	32024	Improvement on L3 interface	Rel6	R2	No			Mon 17/08/02	Tue 23/12/03	74%					
50	32051	Stage 2	Rel6	R2	No			Mon 17/08/02	Mon 22/09/03	100%					
51	32053	Stage 3 to OMA-R Impacts Mobile Location Protocol (MLP)	Rel6	OMA	No			Tue 10/07/03	Tue 23/12/03	0%					
52	32061	Enhanced support for anonymity and user privacy	Rel6	R2	No			Mon 08/07/02	Tue 23/12/03	68%					
53	32047	Stage 2	Rel6	R2	No			Mon 08/07/02	Fi 27/06/03	100%					
54	32054	Stage 3 to OMA-R Impacts MLP and RLP	Rel6	OMA	No			Tue 10/07/03	Tue 23/12/03	0%					
55	32025	Enhanced inter-GMLC interface	Rel6	R2	No			Mon 24/08/02	Fi 12/09/03	76%					
56	32048	Stage 2	Rel6	R2	No			Mon 24/08/02	Fi 06/09/03	86%					
57	32055	Stage 3 to OMA-R Impacts RLP and PCF	Rel6	OMA	No			Mon 02/09/02	Fi 12/09/03	65%					
58	32012	Location Services support for IMS public identities	Rel6	R2	No			Mon 02/09/02	Fi 20/01/04	71%					
59	32049	Stage 2	Rel6	R2	No			Mon 24/02/03	Fi 20/01/04	100%					
60	32056	Stage 3 to OMA Impacts MLP, RLP and PCF	Rel6	OMA	No			Mon 02/09/02	Fi 19/12/03	51%					
61	32026	New area event for location service triggering reports	Rel6	R2	No			Mon 03/08/02	Fi 18/06/04	67%					
62	32050	Stage 2	Rel6	R2	No			Mon 03/08/02	Fi 27/06/03	100%					
63	14015	Stage 3 to UTRAN signaling	Rel6	R4	No			Tue 09/10/03	Fi 18/06/04	57%					31/12/2003 work has started. Current stage 3 will be the requirements of stage 2.
64	32057	Stage 3 to OMA Impacts MLP, RLP and PCF	Rel6	OMA	No			Mon 14/07/03	Fi 19/12/03	0%					
65	32029	FS on applicability of GALILEO for LCS	Rel6	R2	No			Mon 08/07/02	Wed 30/06/04	54%	SP-03044				
66	32058	TR on Stage 2 (No contribution received. No feedback from other groups since May)	Rel6	R2	No			Mon 08/07/02	Wed 30/06/04	67%					
67	50095	GERAN review of the TR	Rel6	OP	No			Mon 25/09/03	Fi 09/02/04	0%					
68	20081	UE positioning	Rel6	RP	No	LCB	TSG	Mon 28/08/00	Mon 14/06/04	56%			McC_RAN		
69	2457	UE positioning enhancements - other methods	Rel6	R2	No	LCB	TSG	Mon 28/08/00	Fi 30/09/03	10%	Wolfgang	Korhonen	McC_RAN		This is a building block without particular end date
70	2475	Open GMLC/RNC Interface with the UTRAN to support UTRAN RAN to positioning methods	Rel6	R2	No	LCB	TSG	Mon 15/01/01	Fi 19/09/03	100%	Wolfgang	Korhonen	McC_RAN		
71	24012	ADFP minimum performance specification	Rel6	R4	No	LCB	TSG	Fi 06/09/03	Mon 14/06/04	30%	Wolfgang	Ilmei	McC_RAN		
72	22002	FS of Enhancements to OMA Positioning Using advanced signaling methods	Rel6	R2	No	LCB	TSG	Mon 01/07/02	Fi 19/09/03	100%	Wolfgang	Ilmei	McC_RAN		
73	1571	Security enhancements	Rel6	R3	No	SEC1	TSG	Wed 03/01/01	Fi 18/06/04	38%	SP-03021	Howard	McC_RAN		Added BB UEA authentication and reporting added.
74	2026	Enhanced HE control of security (including positive authentication reports)	Rel6	R3	No			Wed 03/01/01	Tue 29/09/01	23%	SP-03021	Howard	McC_RAN		Added hop with reporting new end date 03/01. New end date and correct Release to be added 03/10

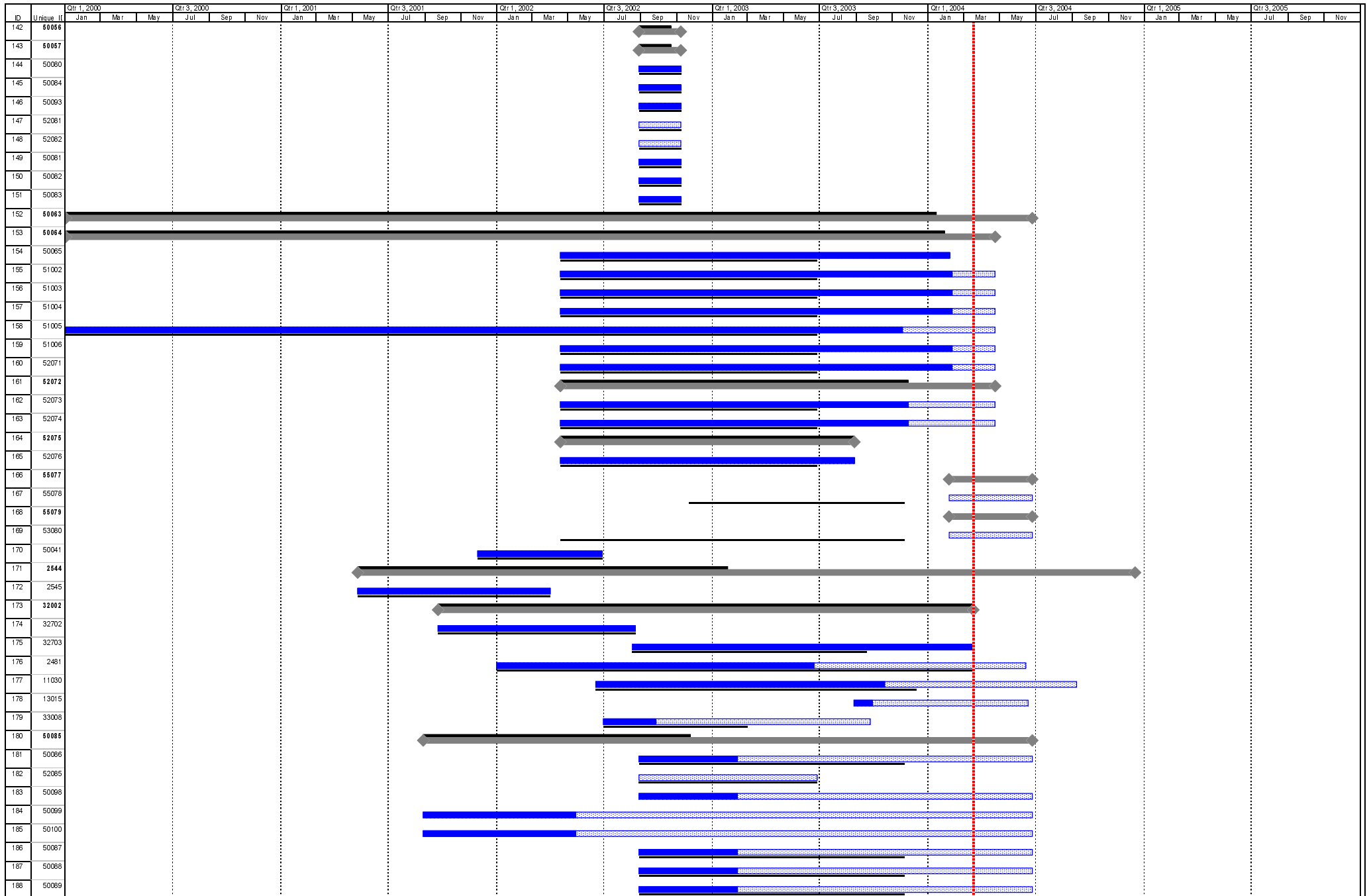
ID	Stage	Wg	Priority	Service Implementation Guide	Name	Reference	Revised	Revised	Modif	Issues	Lead	Start	End	% Comp	Impacted T3s	Open RIs	Approved	Approved	Approved	MOCC resp	Req. modif	Notes	
223		31043		Priority service implementation guide		Rel-6	01	No				Fri 29/03/03	Fri 29/03/03	85%	23/052							Set 07/2/03	
224		31018	Network Sharing			Rel-6	01	No	NTB	TSG		Mon 20/01/03	Wed 08/09/04	56%		SP-010733					Michael	FI 12/03/04	
225		31019	Technical Report			Rel-6	01	No	NTB			Mon 20/01/03	Fri 09/12/03	100%	23/051						Michael	FI 12/03/04	
226		31038	Stage 1 - C-RS to Implement Network Sharing			Rel-6	01	No	NTB			Mon 20/01/03	Fri 09/12/03	100%	23/011, 22/10/1, 22/1							FI 12/03/04	
227		32044	Stage 2			Rel-6	02	No				Tue 17/02/03	Tue 17/06/04	75%		SP-020172						FI 12/03/04	
228		11043	Network sharing - stage 3			Rel-6	01	No	WG			Fri 23/05/03	Wed 08/09/04	4%								FI 12/03/04	
229		22004	Enhancement of the support of network sharing in the UTRAN			Rel-6	02	No	NTB	TSG		Fri 19/09/03	Mon 14/06/04	5%	1825,401, TR25,413	Wo-u Jams	Detle, Tellesotera	gTellesotera.com	MCC_RAN			Wed 14/01/04	
230		32016	QoS Improvements			Rel-6	02	No	QoS3	TSG		Mon 15/07/02	Fri 20/04/04	77%		SP-010119					Sang-Il	Thu 24/01/02	
231		32017	PS on Dynamic Policy control enhancements for end-to-end QoS			Rel-6	02	No	QoS3	TSG		Mon 15/07/02	Fri 20/04/04	99%		SP-020045					Ake-Moisse, Nord	FI 12/03/04	
232		32059	Definition of the Gq interface			Rel-6	02	No				Tue 01/07/03	Fri 20/04/04	83%		SP-020036	Javier Rikie (Nokia)					FI 12/03/04	
233		13016	Gq interface specification for Dynamic Policy control enhancements - Stage 1			Rel-6	03	No	TSG			Fri 29/09/03	Fri 09/03/04	25%	24226, 26,207, 26,2	SP-020184	Eric Björns, Nokia	erbjorn@nokia.com				Set 07/2/03	
234		33002	Support for subscriber certificates			Rel-6	03	No	SEC1	TSG		Mon 29/02/02	Wed 08/09/04	35%	33102	SP-010822	Richard Meini, Nokia	richmeini@nokia.com	Maulico			Thu 24/01/02	
235		32705	Stage 1			Rel-6	03	No				Mon 29/02/02	Tue 12/09/02	40%								Contributor received 03/24/03/25/03/26/03	
236		32706	Architecture review			Rel-6	02	No				Mon 14/11/02	Tue 14/11/02	100%								FI 12/03/04	
237		14504	Stage 3			Rel-6	04	No	SEC1			Fri 19/09/03	Tue 31/03/04	47%		SP-020039	Juul-Lailies, Nokia			Hmno		WG approved at C1N23.....	
238		11045	Stage 3: Uu & Uu interfaces			Rel-6	01	No				Mon 03/11/03	Wed 08/09/04	10%								FI 12/03/04	
239		15010	Rel-6 OSA enhancements			Rel-6	01	No	OSAI	TSG		Thu 31/01/02	Fri 07/09/04	60%	22127, 26,198, 26,5	SP-020008	A.BARCA (Alcatel)	o.abarca@alcatel.fr	Arifan			FI 12/03/04	
240		31040	Scope of the Open Service Access Release 6			Rel-6	01	No	TSG			Fri 28/03/03	Fri 27/06/04	100%		SP-020038						FI 12/03/04	
241		15026	Multi-Media Messaging function			Rel-6	05	No	TSG			Tue 11/11/02	Fri 08/06/04	50%	26,198, 26,999							FI 12/03/04	
242		15028	Policy management extensions			Rel-6	05	No	TSG			Tue 11/11/02	Fri 08/06/04	100%	26,198, 26,999							FI 12/03/04	
243		15029	TS on Presence and Availability Management (from the PRESNC WG)			Rel-6	05	No	TSG			Tue 11/11/02	Fri 08/06/04	100%	26,198,4							NS426: SPl/Wil/ira T O & T R	
244		15037	TS on Presence and Availability Management (from the PRESNC WG)			Rel-6	05	No	TSG			Tue 11/11/02	Fri 08/06/04	0%	26,980,4							FI 12/03/04	
245		15032	OSA interfaces at different levels of abstraction (Parlay X, Web services)			Rel-6	05	No	TSG			Mon 14/07/03	Fri 08/06/04	90%	26,199							NS426: Will be submitted to CNP24 for approval by PR Release 'reading' & 002204.	
246		15033	Introduction of migration support mechanisms			Rel-6	05	No	TSG			Tue 11/11/02	Wed 10/12/03	100%	26,198, 26,999							FI 12/03/04	
247		15034	User Profile			Rel-6	05	No	TSG			Tue 11/11/02	Wed 10/12/03	0%	26,198, 26,999							NS426:22/26/26: SPl/Wil/ira T O & T R	
248		15036	Framework Function for Federation			Rel-6	05	No	TSG			Mon 03/02/03	Fri 07/12/03	100%	26,198, 26,999							FI 12/03/04	
249		50401	Addition of frequency bands to GSM			Rel-6	02	No	TAF2	TSG		Fri 28/06/02	Fri 12/11/04	4%		SP-020070	Torben Thomsen			Paolo		FI 12/03/04	
250		50094	Addition of frequency bands to GSM - Changes to core specs			Rel-6	01	No	TAF2	TSG		Fri 19/11/02	Fri 20/12/02	100%		SP-020073	Torben Thomsen					Ready	
251		51102	Changes to core specs			Rel-6	01	No				Fri 15/11/02	Fri 20/12/02	100%								FI 12/03/04	
252		54102	Addition of frequency bands to GSM - Changes for conformance tests			Rel-6	04	No	TAF2			Fri 28/06/02	Fri 12/11/04	0%		SP-020074	Torben Thomsen					Not started	
253		54103	Study on Addressing			Rel-6	04	No				Fri 28/06/02	Fri 12/11/04	0%								FI 12/03/04	
254		50130	Seamless support of streaming services in A/Gb mode			Rel-6	02	No	SSB	TSG		Mon 03/01/03	Fri 30/01/04	94%		SP-020261	Ramirez, Vodafone					Wed 14/01/04	
255		51131	Identification of requirements for streaming			Rel-6	01	No				Fri 27/06/03	Fri 29/08/04	100%		SP-022684						Started	
256		51133	Requirements			Rel-6	01	No				Fri 27/06/03	Fri 29/08/04	100%								Tue 16/09/03	
257		51132	Performance study of cell change mechanisms			Rel-6	01	No				Mon 03/01/03	Fri 29/08/04	100%		SP-022682						Started	
258		51134	Performance of NACC			Rel-6	01	No				Mon 03/01/03	Fri 29/08/04	100%								Tue 16/09/03	
259		51135	Performance of cell change & DTN to the PS domain			Rel-6	01	No				Mon 03/01/03	Fri 29/08/04	100%								Tue 16/09/03	
260		51136	Handover			Rel-6	01	No				Mon 03/01/03	Fri 29/08/04	100%								Tue 16/09/03	
261		52131	Reduction of service interruption times and packet loss during mobility			Rel-6	02	No				Fri 27/06/03	Fri 21/11/04	99%		SP-022683						Completed at GERAN47	
262		52133	Optimizations of existing mechanisms on Gb mode			Rel-6	02	No				Fri 27/06/03	Fri 21/11/04	100%								Tue 16/09/03	
263		52134	Intra-system NACC			Rel-6	02	No				Fri 27/06/03	Fri 21/11/04	100%								Tue 16/09/03	
264		52135	PS Handover within GERAN and between GERAN and UTRAN			Rel-6	02	No				Fri 27/06/03	Fri 21/11/04	100%								Tue 16/09/03	
265		52136	Dependency on other releases			Rel-6	02	No				Fri 27/06/03	Fri 21/11/04	100%								Tue 16/09/03	
266		54131	MS conformance testing			Rel-6	03	No				Fri 19/12/03	Fri 30/01/04	100%		SP-022674						Closed, no work needed	
267		54132	MS conformance tests			Rel-6	04/05	No				Fri 19/12/03	Fri 30/01/04	100%								Mon 01/2/04	
268		33013	GERAN A/Gb mode security enhancements			Rel-6	03	No				Tue 25/09/02	Tue 25/09/04	10%	33102	SP-020067	Hovind, Vodafone	and@vodafone.com				FI 12/03/04	
269		34300	Performance Characterisation of default codecs for PS conversational			Rel-6	04	No	COEX	TSG		Fri 13/09/02	Tue 10/06/04	99%	TR 26,935	SP-020033	Pavel Gal, Nokia	galpavel@nokia.com	Paolo			FI 12/03/04	
270		31029	Study of Feature Interactions Requirements (This should be deleted)			Rel-6	01	No	FR11	TSG		Mon 03/03/03	Mon 03/03/04	20%	TR 21,392	SP-020078					Michael	FI 12/03/04	
271		31030	Study on Privacy Capability			Rel-6	01	No	PRIV	TSG		Fri 08/11/02	Mon 03/03/04	85%	TR 21,392	SP-020079	Jill Deitel, Lucent					Michael	FI 12/03/04
272		35010	QAM&P			Rel-6	05	No	QAM	TSG		Thu 02/09/02	Wed 08/12/04	64%	33 seeks	SP-020045	ITRUSS (Motorola)	IMOTOROLA.COM	Arifan			FI 10/10/03	
273		35011	Principles, high level Requirements and Architecture			Rel-6	05	No	QAM	TSG		Tue 12/09/02	Fri 08/06/04	77%	32,101, 32,102	SP-020044	ITRUSS (Motorola)	IMOTOROLA.COM				SA5437: TSG Approval target 03/2004 => 06/2004	
274		35012	Performance Management			Rel-6	05	No	QAM	TSG		Tue 12/09/02	Fri 08/06/04	78%	32,101, 32,402	SP-020049	IEI (Nokia Networks)	INETWORKS.COM				SA5437: TSG Approval target 03/2004 => 06/2004	
275		35014	Network Infrastructure Management			Rel-6	05	No	QAM	TSG		Tue 12/09/02	Fri 08/06/04	66%	32,101, 32,306/37	SP-020054	VINGIER (Eriksen)	erik@erikson.com				SA5437: TSG Approval target 03/2004 => 06/2004	
276		35015	Trace Management			Rel-6	05	No	QAM	TSG		Fri 28/09/02	Wed 08/12/04	48%	32,429, 32,008	SP-020032	Sanjiv Rikie (Nokia)	sanjiv@nokia.com				FI 12/03/04	
277		35022	Subscriber and UE base management			Rel-6	05	No	QAM	TSG		Fri 28/09/02	Fri 08/06/04	75%	32,429, 32,008		Sanjiv Rikie (Nokia)	sanjiv@nokia.com				FI 12/03/04	
278		33013	Subscriber and equipment trace in UTRAN			Rel-6	03	No	QAM	TSG		Fri 08/09/03	Fri 12/03/04	35%		Wo-u Jams	Yann Setted, Nord	yan@ericsson.com	MCC_RAN		Wed 14/01/04		
279		11046	SP enhancements for trace			Rel-6	01	No				Mon 16/02/04	Wed 08/12/04	2%								FI 12/03/04	
280		35016	Charging Management			Rel-6	05	No	CH	TSG		Thu 21/11/02	Fri 08/06/04	75%	32,29	SP-030047	VENNERIT, Motorola	venner@motorola.com	Arifan			SA5437: TSG Approval target 03/2004 => 06/2004	
281		35017	Charging Management for Bearer level			Rel-6	05	No	CH	TSG		Fri 21/03/03	Fri 08/06/04	75%		SP-020048	ERKANDER (Nokia)					SA5437: TSG Approval target 03/2004 => 06/2004	
282		35																					

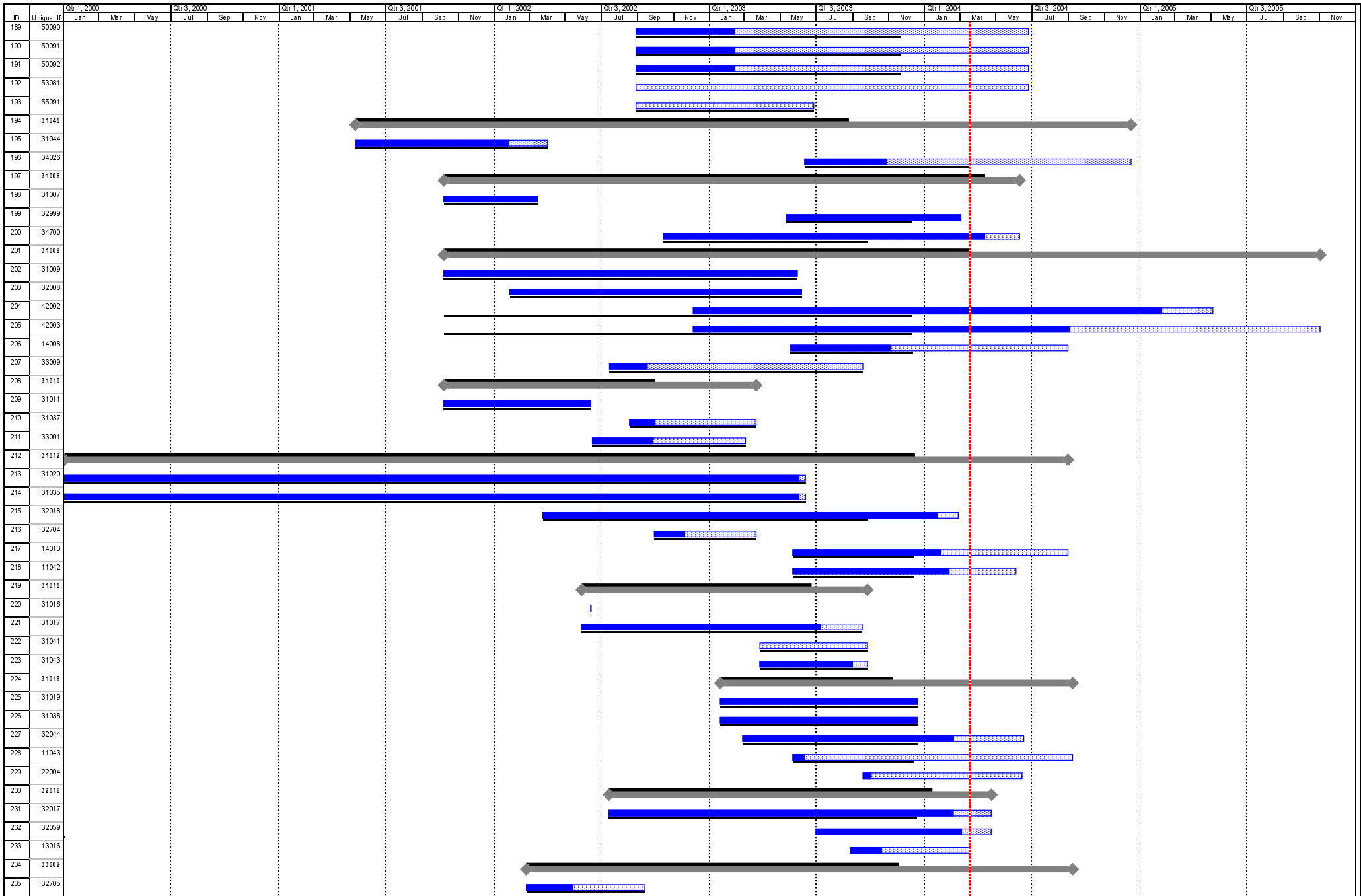
Id	Image	Urgency	Name	Release	Reqs	Modif	Status	Level of Effort	Start	End	% Comp	Impacted TMs and T	Hyperlink	Uf apponees name	Uf apponees e-mail	MCC resp	Res. manf	Notes	
297		34023	AMR-WB extension for high audio quality	Re4	04	No	AMR	TSG	Fri 13/1/2002	Tue 10/06/04	75%		G-P-02043	ate Valho, Nokia	ate.valho@nokia.com	Paolo	Fri 12/03/04		
298		34027	Codec Enhancements for Packet Switched Conversational Multimedia	Re4	04	No	CPE	WG	Tue 16/03/04	Tue 16/09/04	0%	26235, 26236		Hannu Sebbi, Nokia	hannu.sebbi@nokia.com	Paolo	Fri 12/03/04		
299		34028	3G-324M Improvements	Re4	04	No	3G-3	WG	Tue 16/03/04	Tue 16/09/04	0%	26111, 26911		Io Eklund, Ericsson	io.eklund@ericsson.com	Paolo	Fri 12/03/04		
300		51101	Single Antenna Receive Interference Cancellation (SAIC)	Re4	0 P.01	No	SAIC	TSG	Fri 15/1/102	Fri 22/04/04	80%		G-P-02040	H. Clighe, Nokia				Fri 12/03/04	
301		50589	Support of Conversational Services in AGb mode via the PS domain	Re4	0 P	No	CS	TSG	Fri 07/02/03	Fri 27/08/04	24%		G-P-02045	Io Eklund, Ericsson	io.eklund@ericsson.com			Fri 12/03/04	
302		50591	Creation of a TR	Re4	0 P	No	CS	TSG	Fri 07/02/03	Fri 27/11/03	100%		G-P-02044	Io Eklund, Ericsson			Mon 01/12/03		
303		50592	Stage 2	Re4	0 P	No	CS	TSG	Fri 21/11/03	Fri 22/04/04	10%		G-P-02045	Io Eklund, Ericsson				Not started	
304		50593	Radio Channel Support	Re4	0 P	No	CS	TSG	Fri 06/02/04	Fri 27/08/04	0%		G-P-02046	Io Eklund, Ericsson			Tue 16/09/03	Not started	
305		50594	Definition of radio resource management functionality	Re4	0 P.02	No	CS	TSG	Fri 06/02/04	Fri 27/08/04	0%		G-P-02047	Io Eklund, Ericsson			Tue 16/09/03	Not started	
306		50595	PS Handover	Re4	0 P	No	CS	TSG	Fri 06/02/04	Fri 27/08/04	0%		G-P-02048	Io Eklund, Ericsson			Tue 16/09/03	Not started	
307		50596	Modifications to FLO	Re4	0 P.02	No	CS	TSG	Fri 06/02/04	Fri 27/08/04	0%		G-P-02049	Io Eklund, Ericsson			Tue 16/09/03	Not started	
308		12006	Enhancement of failed service for CAMEL	Re4	01	No	EOC	TSG	Fri 29/03/03	Wed 31/12/03	100%		G-P-02018	Research Institute		Andriana	Fri 12/03/04		
309		12007	Stages 2 and 3	Re4	02	No			Fri 28/03/03	Wed 31/12/03	100%		G-P-02019				Fri 12/03/04		
310		32050	Bandwidth and resource savings in CS networks	Re4	02	No	CS		Thu 03/07/03	Wed 16/06/04	70%	TR 23,977						Fri 12/03/04	
311		33018	CS on (US)IM Security Reuse by Peripheral Devices on Local Interfaces	Re4	03	No		TSG	Thu 03/07/03	Fri 20/12/03	5%		G-P-02024	Verica Research Inc.	verica@vericainc.com	Michael	Wed 15/10/03	Approved TSG#20	
312		50600	Multiple TBF in AGb mode	Re4	0 P.02	No	MULT	TSG	Fri 05/04/02	Fri 26/06/04	65%		G-P-02043	Mar Mikki, Ericsson		Paolo	Tue 16/09/03		
313		50601	Multiple TBF in AGb mode	Re4	0 P.02	No	MULT	TSG	Fri 05/04/02	Fri 26/06/04	100%		G-P-02043	Mar Mikki, Ericsson			Tue 16/09/03		
314		50602	Multiple TBF Concept paper	Re4	0 P.02	No			Fri 05/04/02	Fri 26/06/04	100%						Tue 16/09/03		
315		50603	Multiple TBF Stage 2 (40,000) CS	Re4	0 P.02	No			Fri 05/04/02	Fri 26/06/04	100%						Tue 16/09/03		
316		50604	Multiple TBF Stage 3 (40,000) CS	Re4	0 P.02	No			Fri 05/04/02	Fri 26/06/04	100%						Tue 16/09/03	Not started	
317		50605	Multiple TBF in AGb mode - MS testing	Re4	03	No	MULT	TSG	Fri 05/04/02	Fri 26/06/04	0%		G-P-02039	Mar Mikki, Ericsson		Paolo	Fri 12/03/04	Not started	
318		50606	Alignment between the test-regimes for GERAN capable MS	Re4	03	No	ALTE	TSG	Fri 29/08/03	Fri 29/08/04	80%		G-P-02036	Teubert, Ericsson		Michael	Wed 14/01/04		
319		50607	Determine the controller test cases in the different test-regimes and alignment with 3GPP GERAN	Re4	03	No	ALTE	TSG	Fri 29/08/03	Fri 29/08/04	80%							Mon 01/12/03	Not started
320		50444	Addition of U-DOA in the CS domain	Re4	0 P	No	UTDC	TSG	Fri 21/11/03	Fri 22/04/04	90%		G-P-02073	TruePosition, Inc.	tp@truetest.com	Paolo	Fri 12/03/04	Not started	
321		50445	Addition of U-DOA in the PS domain	Re4	0 P	No	UTDC	TSG	Fri 27/08/03	Fri 12/11/04	5%		G-P-02074	TruePosition, Inc.	tp@truetest.com	Paolo	Fri 12/03/04	Not started	
322		50451	Advanced Receiver Performance	Re4	0 P	No	ARP	TSG	Fri 21/11/03	Fri 12/11/04	18%		G-P-02019	Immy Bysted, Nokia	bysted@nokia.com	Paolo	Fri 12/03/04	Not started	
323		50102	ARP test scenarios	Re4	0 P	No	ARP	TSG	Fri 21/11/03	Fri 22/04/04	20%		G-P-02030	Immy Bysted, Nokia	bysted@nokia.com	Paolo	Fri 12/03/04	Not started	
324		50103	ARP for GMSK modulated voice services	Re4	0 P	No	ARP	TSG	Fri 06/02/04	Fri 26/06/04	15%		G-P-02031	Immy Bysted, Nokia	bysted@nokia.com	Paolo	Fri 12/03/04	Not started	
325		50104	Performance requirements in 45.000	Re4	0 P	No	ARP	TSG	Fri 06/02/04	Fri 26/06/04	15%							Fri 12/03/04	Not started
326		50105	Radio subsystem line control in 45.000	Re4	0 P	No	ARP	TSG	Fri 06/02/04	Fri 26/06/04	15%							Fri 12/03/04	Not started
327		50106	ARP for GPRS and EGPRS MCS1-MCS4	Re4	0 P	No	ARP	TSG	Fri 06/02/04	Fri 26/06/04	10%		G-P-02032	Immy Bysted, Nokia	bysted@nokia.com	Paolo	Fri 12/03/04	Not started	
328		50107	Performance requirements in 45.000	Re4	0 P	No	ARP	TSG	Fri 06/02/04	Fri 26/06/04	10%							Fri 12/03/04	Not started
329		50108	Radio subsystem line control in 45.000	Re4	0 P	No	ARP	TSG	Fri 06/02/04	Fri 26/06/04	10%							Fri 12/03/04	Not started
330		50115	ARP Capability Signalling	Re4	0 P	No	ARP	TSG	Fri 21/11/03	Fri 22/04/04	40%		G-P-02033	Immy Bysted, Nokia	bysted@nokia.com	Paolo	Fri 12/03/04	Not started	
331		50116	GERAN MS Conformance test for ARP	Re4	03	No	ARP	TSG	Fri 27/08/04	Fri 12/11/04	5%		G-P-02034	Immy Bysted, Nokia	bysted@nokia.com	Michael	Fri 12/03/04	Not started	
332		50109	Reduction of PS service interruption in Dual Transfer Mode	Re4	02	No	PS	TSG	Fri 21/11/03	Fri 12/11/04	48%		G-P-02048	Jy Proctor, Siemens	proctor@siemens.co.uk	Ger	Fri 12/03/04	Not started	
333		50110	Use case and requirement definition	Re4	02	No	PS	TSG	Fri 21/11/03	Fri 22/04/04	100%		G-P-02049	Jy Proctor, Siemens	proctor@siemens.co.uk	Ger	Fri 12/03/04	Not started	
334		50111	Performance Study of Current Procedures	Re4	02	No	PS	TSG	Fri 21/11/03	Fri 22/04/04	100%		G-P-02050	Jy Proctor, Siemens	proctor@siemens.co.uk	Ger	Fri 12/03/04	Not started	
335		50112	Reduction of service interruption times and packet loss during Dual Trans	Re4	02	No	PS	TSG	Fri 23/04/04	Fri 26/06/04	5%		G-P-02051	Jy Proctor, Siemens	proctor@siemens.co.uk	Ger	Fri 12/03/04	Not started	
336		50113	MS Conformance testing	Re4	03	No	PS	TSG	Fri 23/04/04	Fri 12/11/04	0%						Michael	Mon 01/12/03	Not started
337		50114	BTS Conformance testing	Re4	03	No	PS	TSG	Fri 23/04/04	Fri 12/11/04	0%						Michael	Mon 01/12/03	Not started
338		12008	CAMEL prepay interworking with SCUDIF	Re4	02	No	SCC		Mon 08/12/03	Mon 20/09/04	5%		G-P-02064					Fri 12/03/04	
339		31046	Circuit Switched Video and Voice Service Improvements	Re4	01	No	CS, V	TSG	Mon 12/01/04	Thu 14/10/04	9%		G-P-02068	Veridone Group		Michael	Fri 12/03/04		
340		31047	Stage 1 - Requirements	Re4	01	No			Mon 12/01/04	Thu 14/10/04	25%			Veridone Group		Michael	Fri 12/03/04		
341		13017	CN3 Part	Re4	03	No			Mon 12/01/04	Thu 14/10/04	0%					David	Fri 12/03/04		
342		52137	GERAN2 Part	Re4	02	No			Mon 12/01/04	Thu 14/10/04	0%					Ger	Fri 12/03/04		

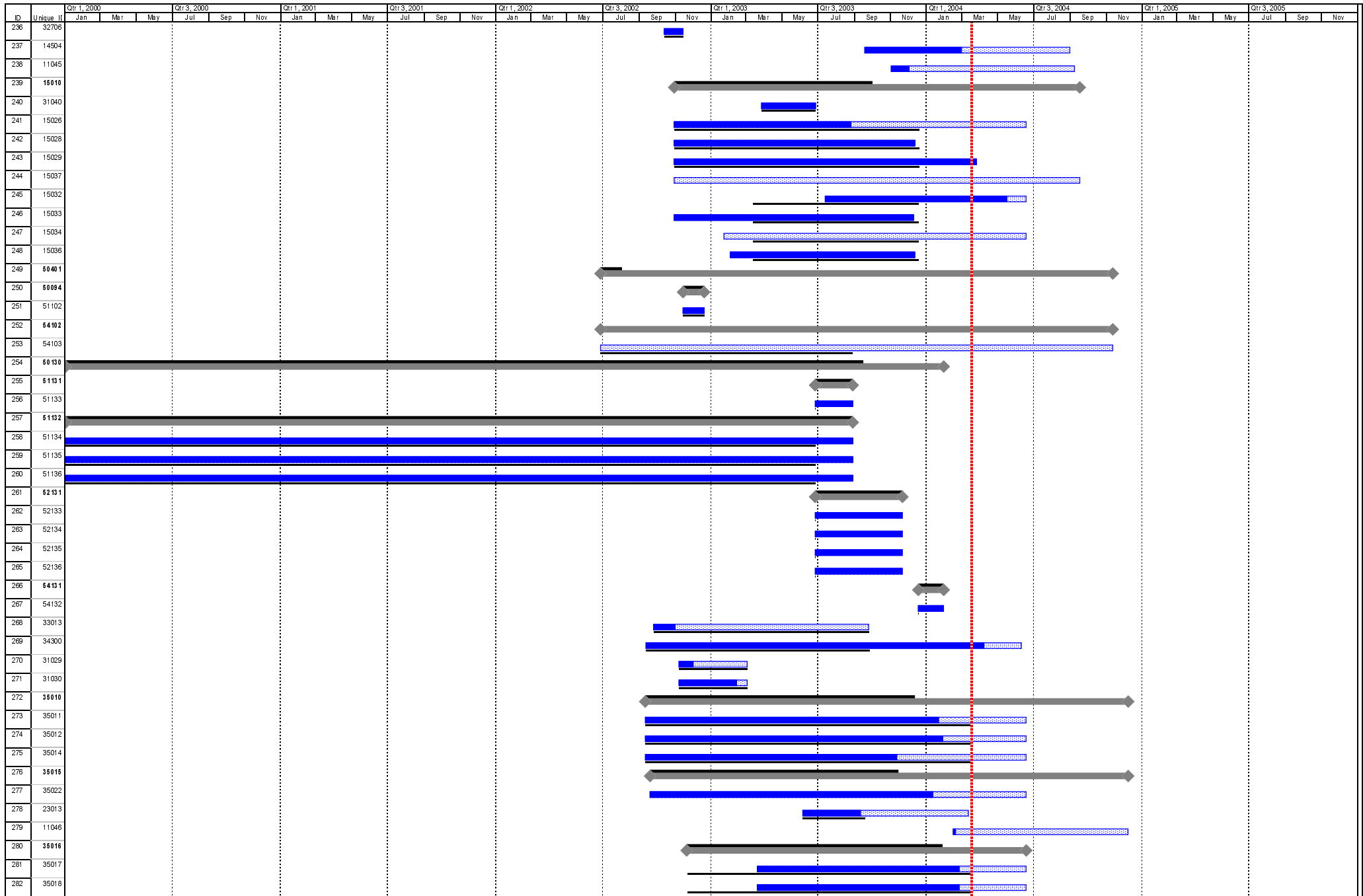


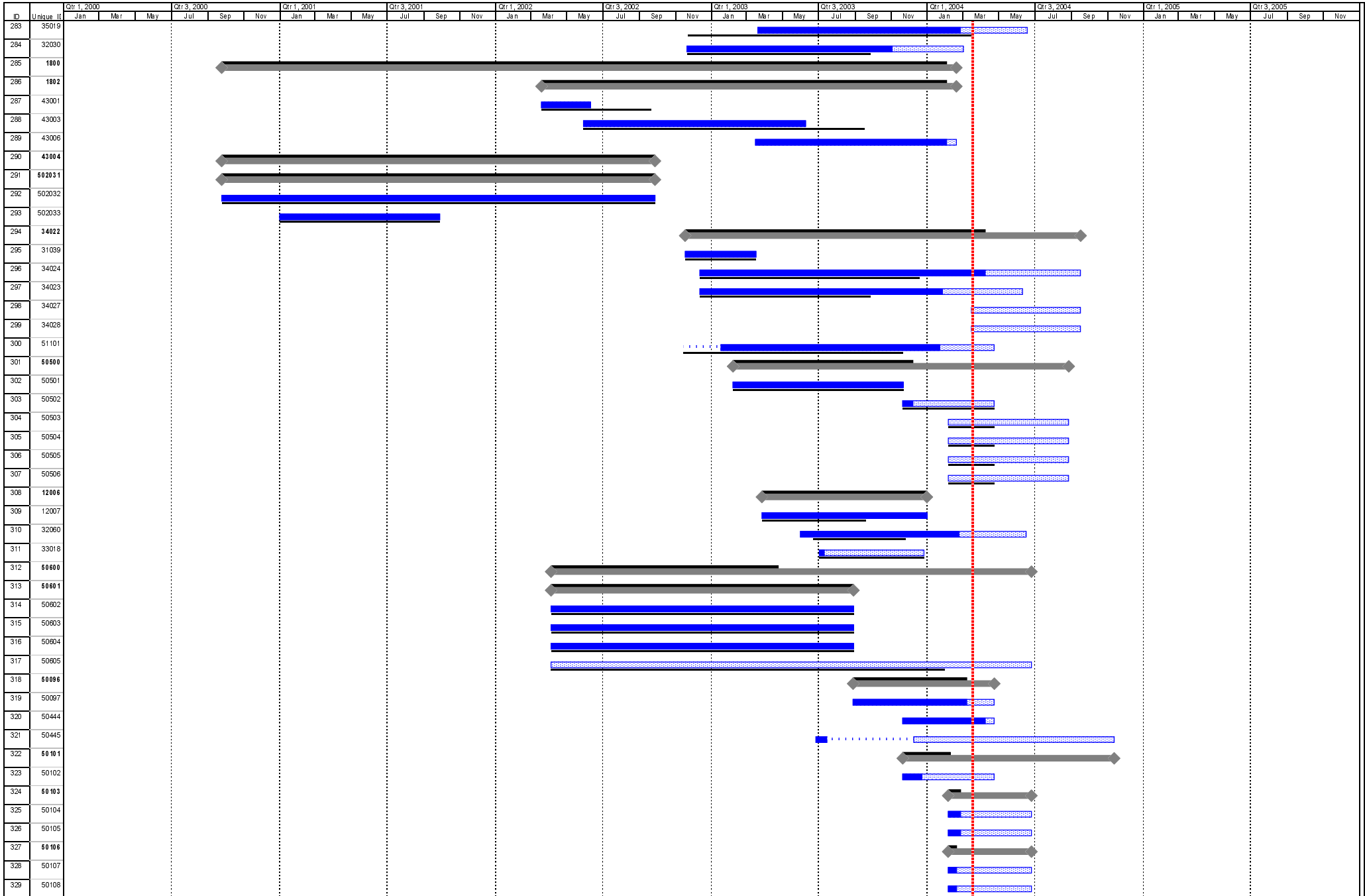












Project: 3GPP_Work Plan
Date: Wed 17/03/04

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