

Title: 3GPP Work Plan before TSG Plenaries #21

Source: MCC Work plan Manager (A. Sultan)

Content of this package:

1) Master:

Work_plan_3gpp_rel6_030916.mpp MASTER - Work Plan in MS Project 98
format (contains all WI attributes and Gantt view)

Work_plan_3gpp_rel6_030916_MSP2000.mpp Work Plan in MS Project 2000 format
(contains all WI attributes and Gantt view)

2) Cover page:

Work_plan_cover_030916.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_030916.xls Work Plan in Excel format (contains
most of the WI attributes but not the Gantt chart)

Work_Plan_3GPP_Rel6_030916.pdf PDF view of Work Plan (contains the
Gantt chart)

Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	Split	WG	Appl	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
6	Feature	1861	Miscellaneous UE Conformance Testing Activities	MISTST1	NA	Y	T1		02-Apr-01	01-Dec-04	Lidia	not needed		50 %	13-Jan-03
7	Building Block	1862	Optimisation of Test Time, RF Aspects (FDD)	MISTST1-OpFDD	Rel Indep	N	T1	TSG	24-Sep-01	03-Sep-03		TP-030052	It is believed that the current R99 test spec. can be optimised for faster overall test times	70 %	14-Mar-03
8	Building Block	1863	Optimisation of Test Time, RF Aspects (TDD)	MISTST1-OptTDD	Rel Indep	N	T1	TSG	24-Sep-01	03-Sep-03		TP-030052	It is believed that the current R99 test spec. can be optimised for faster overall test times	70 %	14-Mar-03
9	Building Block	1907	Extensions to R99 Test cases	MISTST1-Ext		N	T1	TSG	02-Apr-01	02-Dec-03		TP-030052	Further test coverage of the R99 specification to cover supplementary services	70 %	14-Mar-03
10	Building Block	2564	Extension to R99 Test cases - TTCN			N	T1	TSG	28-Jun-02	03-Mar-04		TP-030052		50 %	14-Mar-03
11	Building Block	2565	Creation of R99 TCs for TDD - prose	MISTST1-TDD		N	T1	TSG	01-Oct-01	01-Jul-04		TP-030052		50 %	14-Mar-03
12	Building Block	2566	Creation of R99 TCs for TDD - TTCN			N	T1	TSG	03-Sep-02	01-Dec-04		TP-030052		0 %	14-Mar-03
13	Building Block	1908	Review all other work items for impact on new or exiting 34 series specs.	MISTST1		N	T1		02-Jul-02	27-Dec-02			Can't start until most core specs are stable	0 %	10-Dec-01
14	Feature	1340	Facsimile	FAX	Rel-4	N	S1	TS G	22-Feb-00	23-Jun-00	Alain	SP-000169		100 %	01-Apr-00
15	Building Block	1341	Real Time Fax	FAX-RT		N	S2		22-Feb-00	23-Jun-00			postponed from R99 to R00, SP-000169	100 %	15-Nov-00
16	Work Task	1808	Terminal capabilities, AT commands			N	T2		22-Feb-00	23-Jun-00				100 %	01-Apr-00
17	Work Task	1343	Signalling aspects (e.g. ICM)			N	N1		22-Feb-00	23-Jun-00				100 %	15-Nov-00
18	Work Task	1648	Service provision			N	N3		22-Feb-00	23-Jun-00				100 %	15-Nov-00
19	Work Task	1345	Review whether service/stage 1 aspects need to be aligned			N	S1		14-Apr-00	23-Jun-00				100 %	01-Apr-00
20	Work Task	1346	Review whether architecture/stage 2 aspects need to be aligned			N	S2		14-Apr-00	23-Jun-00				100 %	01-Apr-00
21	Feature	1539	Transparent End-to-End PS mobile streaming application	PSTREAM	Rel-4	N	S4	TS G	03-Apr-00	21-Mar-01	Paolo	SP-000345		100 %	20-Mar-01
22	Feature	1818	Multimedia Messaging	MMS	Rel-4	N	T2	TS G	22-Feb-00	14-Mar-01	Friedhelm	TP-000078		87 %	14-Sep-01
23	Building Block	136	Definition of service requirements	MMS		N	S1		22-Feb-00	31-May-00				100 %	01-Apr-00
24	Building Block	1819	Review of definition of service requirements			N	T2	TSG	01-Jun-00	14-Mar-01		TP-000078		100 %	14-Sep-01
25	Building Block	1820	Technical Realisation			N	T2	TSG	10-Apr-00	14-Mar-01		TP-000078		100 %	14-Sep-01
26	Work Task	1821	Review of definition of reference Achitecture model			N	T2	TSG	10-Apr-00	14-Mar-01		TP-000078		100 %	14-Sep-01
27	Work Task	1822	Fulfill Requirements of Stage 1			N	T2	TSG	10-Apr-00	14-Mar-01		TP-000078	e.g. minimum set of media formats, media format conversion, personalization of MMS.	100 %	14-Sep-01
28	Work Task	1823	Definition of MMS primitives in Stage 2			N	T2	TSG	10-Apr-00	14-Mar-01		TP-000078		100 %	14-Sep-01
29	Feature	1541	Transcoder-Free Operation	TrFO	Rel-4	N	N4		03-Jan-00	30-Mar-01	Kimmo		Lead given to CN4 from CN...	80 %	25-Mar-02
30	Building Block	112	OoBtC solution	TRFO-OoBtC		N	N4	WG	03-Jan-00	30-Mar-01		N4-000531		100 %	01-Apr-00
31	Work Task	1512	implementation in UTRAN	TRFO-OoBtC-UTRAN		N	R3	TSG	11-Sep-00	30-Mar-01		RAN_Wis	moved according to NP-0000575	100 %	20-Mar-01
32	Work Task	896	Impact on architecture, Principles and Terminology			N	S2		03-Jan-00	20-Oct-00			e.g. study cascading TrFO/TFO/TrFO	100 %	13-Dec-00
33	Work Task	1657	Codec Negotiation between UE and MSC			N	N1	TSG	14-Aug-00	02-Feb-01			the link to NP-000085has been deleted because referring to a R99 status sheet...	100 %	04-Dec-00
34	Work Task	115	Codec Negotiation inter MSC			N	N4		03-Jul-00	22-Dec-00			Bearer establishment inter MSC. TS 23.153 R99 part complete. capabilities moved to annex + list of open issues	100 %	12-Mar-01
35	Work Task	894	Bearer establishment inter MSC			N	N4	TSG	03-Jul-00	22-Dec-00		NP-000127	Bearer establishment inter MSC. TS 23.153 R99 part complete. capabilities moved to annex...	100 %	12-Mar-01
36	Building Block	905	Speech Transcoder: Location and Control at the UMTS Core Network Border	TRFO-STLC		N	S2	WG	10-Apr-00	29-Sep-00		S2-99352	WI description and Tdoc S2-99352...	100 %	01-Apr-00
37	Work Task	124	Transcoder at Edge			N	NP		10-Apr-00	29-Sep-00			WI description and Tdoc S2-99352...	100 %	12-Mar-01
38	Feature	2310	GERAN improvements 1 (Gb over IP)	GEIMP1	Rel-4	N	GP	TS G	09-May-00	19-Mar-01	Paolo	GP-000433		100 %	13-Feb-01
39	Building Block	2311	Gb over IP (Ip-fication of Gb)	GbIP		N	GP	TSG	09-May-00	19-Mar-01	Paolo	GP-000434		100 %	13-Feb-01
40	Work Task	2312	Concept			N	GP	TSG	09-May-00	10-Nov-00				100 %	13-Feb-01
41	Work Task	2313	Changes to 08.16, 08.18			N	GP	TSG	09-May-00	19-Mar-01				100 %	13-Feb-01
42	Feature	2314	GERAN improvements 2 (NACC)	GEIMP2	Rel-4	N	GP	TS G	06-Nov-00	19-Dec-03	Paolo	GP-012812		55 %	10-Dec-01
43	Building Block	2315	Gb enhancements	Gben		N	GP	TSG	06-Nov-00	08-Jun-01	Paolo	GP-000436		100 %	12-Sep-01
44	Work Task	2316	Intra BSC NACC (Network Assisted Cell Change)			N	GP	TSG	06-Nov-00	08-Jun-01				100 %	21-May-02
45	Work Task	2420	Concept			N	GP	TSG	06-Nov-00	08-Jun-01				100 %	12-Sep-01
46	Work Task	2317	Changes in 03.64			N	GP	TSG	06-Nov-00	08-Jun-01				100 %	12-Sep-01
47	Work Task	2318	Changes in 04.60			N	GP	TSG	06-Nov-00	08-Jun-01				100 %	12-Sep-01
48	Work Task	2319	Changes in 44.008			N	GP	TSG	06-Nov-00	08-Jun-01				100 %	12-Sep-01
49	Building Block	0	Start Testing			N			04-Jun-01	04-Jun-01				0 %	28-Mar-03
50	Building Block	50030	MS conformance test for Intra BSC NACC	GEIMP2-Msconf		N	GP		30-Nov-01	19-Dec-03		GP-012811	Started	50 %	13-Feb-03
51	Work Task	50099	Changes in 51.010			N	G5; G4		30-Nov-01	19-Dec-03				50 %	13-Feb-03
52	Feature	2324	GERAN improvements 4 (Delayed TBF)	GEIMP4	Rel-4	N	GP	TS G	15-Jan-01	08-Jun-01	Paolo	GP-010363		100 %	21-May-02
53	Building Block	2325	Gb enhancements 2	GEIMP4-Gben2		N	GP	TSG	15-Jan-01	08-Jun-01		GP-010363		100 %	21-May-02
54	Work Task	2429	stage 2			N	GP		15-Jan-01	08-Jun-01				100 %	01-Mar-02
55	Work Task	2421	Stage 3 (changes in 44.060)			N	G2	TSG	15-Jan-01	06-Apr-01				100 %	01-Mar-02
56	Work Task	2327	Definition of enhanced countdown procedure			N	G2	TSG	15-Jan-01	06-Apr-01				100 %	01-Mar-02
57	Work Task	2328	Definition of enhanced TBF release procedure			N	G2	TSG	15-Jan-01	06-Apr-01				100 %	01-Mar-02

Extracted from 3GPP Work Plan (Excel Version): Work Plan for Rel-4 - Version 2003 April 23rd

Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	Split	WG	Appl	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
58	Work Task	2329	Definition of USF=FREE type polling mechanism on PDCH			N	G2	TSG	15-Jan-01	06-Apr-01				100 %	01-Mar-02
59	Feature	1222	Low Chip Rate TDD option	LCRTDD	Rel-4	N	R1	TS G	19-Jul-00	02-Dec-03	Tsukasa	RAN_Wis		76 %	13-Jan-03
60	Building Block	1223	Physical layer	LCRTDD-Phys		N	R1	TSG	19-Jul-00	30-Mar-01		RAN_Wis		100 %	12-Mar-01
61	Building Block	1224	Layer 2 and layer 3 protocol aspects	LCRTDD-L23		N	R2	TSG	19-Jul-00	30-Mar-01		RAN_Wis		100 %	12-Mar-01
62	Building Block	1225	RF radio transmission/reception, system performance requirements and conformance testing	LCRTDD-RF		N	R4	TSG	14-Aug-00	30-Mar-01		RAN_Wis		100 %	30-Mar-01
63	Building Block	1227	UE radio access capability	LCRTDD-UErac		N	R2	TSG	14-Aug-00	30-Mar-01		RAN_Wis		100 %	12-Mar-01
64	Building Block	1228	Iub/Iur protocol aspects	LCRTDD-IubIur		N	R3	TSG	14-Aug-00	30-Mar-01		RAN_Wis		100 %	20-Mar-01
65	Building Block	2262	Low chiprate TDD interworking with GERAN			N			01-Sep-00	19-Jan-01	Paolo	GP-000432		100 %	13-Feb-01
66	Work Task	2263	Handover and Cell Selection / Reselection to UTRA 1.28 Mcps TDD			N			01-Sep-00	19-Jan-01				100 %	13-Feb-01
67	Building Block	1911	Start Testing			N	ML ST		03-Sep-01	03-Sep-01				0%	01-Apr-00
68	Building Block	2103	Conformance Test Aspects - Low Chip Rate TDD			N	T1		17-Sep-01	02-Dec-03				52%	01-Apr-00
69	Work Task	2217	Testing Layer 2 and layer 3 protocol aspects			N	T1	TSG	17-Sep-01	02-Jul-03		TP-030052	duration set to 6 months (was 0)	60%	14-Mar-03
70	Work Task	2562	Testing Layer 2 and layer 3 protocol aspects - TTCN			N	T1	TSG	03-Dec-02	02-Dec-03		TP-030052		0%	14-Mar-03
71	Work Task	2218	Testing RF Radio Transmission and Reception			N	T1	TSG	17-Sep-01	28-Jun-02		TP-030052	duration set to 6 months (was 0), finish date set	100 %	13-Jan-03
72	Feature	1322	Enable bearer independent CS architecture	CSSPLIT	Rel-4	N	S2	TS G	03-Jan-00	01-Mar-02	Kimmo	SP-000288		68 %	01-Apr-00
73	Building Block	1323	Enable bearer-independent call control			N	N4	WG	03-Jan-00	16-Aug-01		N4-000512	DAB 12.12.01 should be 100% hence closed	73%	24-Jan-02
74	Work Task	1516	Architecture and Stage 2 description			N	S2		03-Jan-00	08-Sep-00			R00 stage 2 at least 80 % complete in TSGS #8 21.-23.6.2000 ...	100 %	01-Apr-00
75	Work Task	1325	Standardisation of protocols (control & user planes) over Nb interface			N	N3	TSG	02-Jan-01	30-Mar-01		N4-000512		100 %	30-May-01
76	Work Task	1326	Standardisation of protocols over reference points between MSC server and Gateway MSC server			N	N4	TSG	25-Sep-00	23-Mar-01		N4-000512		100 %	12-Mar-01
77	Work Task	1616	Standardisation of detailed stage 2 description			N	N4	TSG	17-Jul-00	23-Mar-01		N4-000512		100 %	12-Mar-01
78	Work Task	1327	Bearer control between MSC server and MGW			N	N4	TSG	01-Sep-00	16-Aug-01		N4-000512		100 %	12-Mar-01
79	Work Task	1328	stage 3 - protocol issues			N	N4	TSG	01-Sep-00	16-Aug-01				100 %	12-Mar-01
80	Work Task	1329	stage 3 - parameter value issues			N	N3		02-Jan-01	30-Mar-01				100 %	30-May-01
81	Building Block	1331	Lawful interception			N	S3		21-Aug-00	23-Mar-01			Requirements capture: S3#14 (Aug 00), Feature specification: S3#15 (Sep 00), Definition of architecture. Should be included in general LI work mentioned above.	100 %	08-Nov-02
82	Building Block	1918	Start Testing			N	ML ST		05-Mar-01	05-Mar-01				0%	01-Apr-00
83	Building Block	2052	Conformance Test Aspects - Enable bearer independent CS architecture	CSSPLIT-TEST		N	T1		05-Mar-01	01-Mar-02				0%	01-Apr-00
84	Feature	1445	MEXE enhancements Rel-4	MEXE	Rel-4	N	T2	TS G	03-Jan-00	14-Dec-01	Friedhelm	TP-030052		100 %	14-Sep-01
85	Building Block	1447	MEXE Security Analysis Activity	MEXE-SEC		N	S3	TSG	22-Feb-00	14-Dec-01		SP-010327	Presentation to S3 of threats and countermeasures analysis: S3#15, Feature specification: S3#16, S3#18: WID updated	100 %	10-Dec-01
86	Work Task	2045	Stage 3	MEXE1-SEC		N	S3		17-Jul-00	14-Dec-01			Analysis undertaken by T2. No additional analysis needed for Rel-4	100 %	08-Nov-02
87	Work Task	1448	Terminal aspects			N	T2		22-Feb-00	15-Dec-00				100 %	13-Mar-01
88	Building Block	1810	MEXE Rel4 Improvements and Investigations	MEXE-ENHANC		N	T2	TSG	03-Jan-00	15-Dec-00				100 %	13-Mar-01
89	Work Task	1812	3rd MEXE classmark			N	T2	TSG	03-Jan-00	15-Dec-00			Additional features for MEXE R2000	100 %	13-Mar-01
90	Work Task	1814	FS on Secure download mechanism and capabilities to support SDR concepts			N	T2	TSG	07-Feb-00	15-Dec-00				100 %	13-Mar-01
91	Work Task	1815	FS on Support of MP3/MPEG4 content			N	T2	TSG	07-Feb-00	15-Dec-00				100 %	13-Mar-01
92	Feature	1631	Tandem Free aspects for 3G and between 2G and 3G systems	TFO	Rel-4	N	S4		22-Feb-00	15-Jun-01	Paolo		RAN and CN to verify no problems for GSM terminals roaming in 3G R99	100 %	30-Mar-01
93	Building Block	1632	Tandem Free AMR	TFO-AMR		N	S4		22-Feb-00	15-Jun-01			RAN and CN to verify UMTS_AMR_2 support	100 %	30-Mar-01
94	Work Task	130	Specification			N	S4		22-Feb-00	23-Mar-01				100 %	20-Mar-01
95	Work Task	907	Impact on:			N	NP		08-Jan-01	15-Jun-01			"Implementation" changed to "Impact on:" by A. Sultan (for better wording)	100 %	01-Apr-00
96	Work Task	131	CN			N	NP		26-Mar-01	15-Jun-01			RAN and CN to verify UMTS_AMR_2 support	100 %	30-Mar-01
97	Work Task	132	GERAN			N	GP		08-Jan-01	06-Apr-01			End date Modified from June to March to have it in Rel4	100 %	28-Feb-02
98	Feature	2230	Advanced Speech Call Items enhancements_REL-4	ASCI	Rel-4	N	N1	TS G	03-Dec-00	14-Mar-02	Per	NP-000730	Approved in TSGN 10...	100 %	10-Oct-01
99	Building Block	2232	Stage 2			N	N4	WG	03-Dec-00	14-Mar-02	Kimmo		CN4#11 30f11002: no inputs received in CN4	100 %	12-Dec-01
100	Building Block	2231	Stages 2 and 3 on A interface			N	N1	WG	03-Dec-00	23-Mar-01	Per			100 %	30-May-01
101	Feature	2403	700 MHz spectrum support	700SS	Rel-4	N	GP		03-Jan-00	20-Dec-02	Paolo	GP-000449		75 %	13-Jan-03
102	Building Block	2404	GERAN support for the 700 MHz band			N	GP		03-Jan-00	19-Jan-01				100 %	13-Feb-01
103	Work Task	2405	Signalling support			N	GP		03-Jan-00	19-Jan-01				100 %	13-Feb-01
104	Work Task	2406	Physical layer definitions			N	GP		03-Jan-00	19-Jan-01				100 %	13-Feb-01
105	Work Task	2407	Receiver performance and RF budget			N	GP		03-Jan-00	19-Jan-01				100 %	13-Feb-01
106	Building Block	2408	GERAN MS Conformance test for 700 MHz band			N	GP		02-Apr-01	30-Nov-01		GP-000451		100 %	31-Jul-02
107	Work Task	2409	MS test			N	GP		02-Apr-01	30-Nov-01				100 %	31-Jul-02
108	Building Block	2410	GERAN BTS Conformance test for 700 MHz band			N	GP		02-Apr-01	20-Dec-02	Paolo	GP-000452		100 %	13-Jan-03
109	Work Task	2411	BTS test			N	GP		02-Apr-01	20-Dec-02				100 %	13-Jan-03

Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	Split	WG	Appl	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
110	Feature	2463	Operator Determined Barring for Packet Oriented Services	ODB	Rel-4	N	NP	TS G	01-Jun-00	19-Mar-01		NP-010089	Completed WI missing from the P-plan Added for tracking	100 %	20-Mar-01
111	Feature	2546	UMTS QoS Architecture for PS Domain	QoSPS	Rel-4	N	S2	TS G	03-Jan-00	27-Nov-02		SP-010342		38 %	24-Jan-02
112	Building Block	2548	Architecture			N	S2	TSG	05-Jun-00	03-Jan-01				100 %	24-Jan-02
113	Building Block	2550	Charging and OAM&P for QoS Management	QoSPS-OAM		N	S5	TSG	21-Sep-01	28-Jun-02		SP-010461		100 %	21-Jun-02
114	Building Block	1681	RAB Quality of Service (re)Negotiation over lu	QoSPS-MAPEND-RABQoS		N	R3	TSG	21-Aug-00	23-Mar-01		RAN_Wis		69%	16-Feb-01
115	Work Task	1991	RAB Quality of Service Negotiation over lu	QoSPS-MAPEND-RABQoS-Negot		N	R3	TSG	21-Aug-00	23-Mar-01		RAN_Wis		100 %	12-Mar-01
116	Work Task	2456	RAB Quality of Service Negotiation over lu during relocation	QoSPS-MAPEND-RABQoS-NegotReloc		N	R3	TSG	02-Mar-01	23-Mar-01				100 %	12-Mar-01
117	Work Task	1992	RAB Quality of Service Re-Negotiation over lu	QoSPS-MAPEND-RABQoS-ReNegot		N	R3	TSG	25-Sep-00	23-Mar-01		RAN_Wis		100 %	12-Mar-01
118	Building Block	1553	GERAN QoS Aspects - Handovers: maintenance of real-time QoS while moving between cells in the PLMN including inter-SGSN and SRNS relocation or possibly other mechanisms	GERQoS		N	GP	TSG	03-Jan-00	30-Nov-01	Paolo	GP-010431		73%	13-Jan-03
119	Work Task	2306	Handover Concept for the PS domain			N	GP	TSG	03-Jan-00	30-Nov-01				63%	10-Dec-01
120	Work Task	2309	Stable RT handover report 25.936 including header removal			N	GP	TSG	03-Jan-00	19-Jan-00				100 %	24-Jan-02
121	Work Task	2307	Update of stage 2			N	GP	TSG	03-Jan-00	13-Feb-01				100 %	24-Jan-02
122	Work Task	2308	Update of relevant stage 3 specs -> RRC			N	G2	TSG	03-Jan-00	30-Nov-01				100 %	10-Dec-01
123	Building Block	50010	GERAN MS Conformance test for inter-system and intra-system Packet data real-time Handover	GERQoS-Mstest		N	G4; R3	TSG	31-Aug-01	27-Nov-02		GP-012287	Still exist? To be clarified by GERAN4/5	0%	12-Sep-01
124	Work Task	50011	Handover for the PS domain			N	G4; R3	TSG	31-Aug-01	27-Nov-02				0%	12-Sep-01
125	Work Task	50012	Stable RT handover report 25.936 including header removal			N	G4; R3	TSG	31-Aug-01	27-Nov-02				0%	12-Sep-01
126	Work Task	50013	Update of stage 2			N	G4; R3	TSG	31-Aug-01	27-Nov-02				0%	12-Sep-01
127	Work Task	50014	Update of relevant stage 3 specs			N	G4; R3	TSG	31-Aug-01	27-Nov-02				0%	12-Sep-01
128	Building Block	1685	PS-domain handover for real-time services	QoSPS-PSdoRTS		N	R3	TSG	28-Aug-00	30-Mar-01		RAN_Wis		100 %	12-Mar-01
129	Building Block	2554	RAB QoS Renegotiation at Relocation			N	R3	TSG	03-Jan-01	23-Mar-01				0%	06-Aug-01
130	Feature	1993	small Technical Enhancements and Improvements for Rel4	TE4	Rel-4	N	Ger neri c	TS G	03-Jan-00	30-Mar-01			"Joker" WI, to be used for a Rel 4 CR not related to any feature and with very limited impact on the system	100 %	01-Apr-00
131	Feature	40000 2	Rel-4 Evolutions of the transport in the UTRAN	ETRAN	NA	Y	RP	TS G	21-Aug-00	23-Aug-02	Joern	RAN_Wis		76 %	17-Nov-00
132	Building Block	12	QoS optimisation for AAL2 connections over lub and lur interfaces	ETRAN-QoSAAL2	Rel-4	N	R3	TSG	21-Aug-00	30-Mar-01		RAN_Wis		100 %	20-Mar-01
133	Building Block	1995	Transport bearer modification procedure on lub, lur, and lu	ETRAN-MigrMod	Rel-4	N	R3	TSG	02-Oct-00	30-Mar-01		RAN_Wis		100 %	20-Mar-01
134	Building Block	401834	Conformance Test Aspects of Rel-4 evolutions of the transport in UTRAN			N	T1		25-Feb-02	23-Aug-02				0%	01-Apr-00
135	Work Task	2208	Testing RAB support enhancements	CT-RABS?		N	T1		25-Feb-02	23-Aug-02			Requires supporting companies	0%	10-Dec-01
136	Feature	40000 4	Rel-4 Evolutions of the transport in the CN	CNTRSP	NA	Y	N4		29-May-00	23-Mar-01	Kimmo	not needed	WI formulation assigned to N4	100 %	20-Mar-01
137	Building Block	859	IP Transport of CN protocols (e.g., CAP, MAP)	SS7IP	Rel-4	N	N4		07-Dec-00	23-Mar-01			AS: corrected to Rel4 as stated at SA#10	100 %	20-Mar-01
138	Work Task	1679	Stage 3			N	N4		07-Dec-00	23-Mar-01				100 %	13-Mar-01
139	Work Task	2018	CAP			Y	N2	WG	07-Dec-00	23-Mar-01				100 %	13-Mar-01
140	Work Task	2019	MAP			N	N4		07-Dec-00	23-Mar-01				100 %	12-Mar-01
141	Work Task	2253	BSSAP+	SS7IP-BSSAP+		N	N1	WG	15-Jan-01	14-Mar-01				100 %	12-Mar-01
142	Building Block	1513	FS on Transport and control separation in the PS CN domain		Rel-4	N	S2	TSG	29-May-00	23-Mar-01		SP-000293	Rel4 added	100 %	19-Sep-01
143	Work Task	1615	Architectural impacts			N	S2	WG	29-May-00	23-Mar-01				100 %	08-Feb-01
144	Feature	40121 6	Rel-4 Improvements of Radio Interface	RinImp	NA	Y	RP	TS G	10-Jul-00	14-Mar-03	Tsukasa	RAN_Wis		81 %	11-Oct-01
145	Building Block	1509	UTRA repeater specification (master)	RinImp-REP	Rel-4	N	R4	TSG	10-Jul-00	21-Mar-01		RAN_Wis		100 %	30-Mar-01
146	Building Block	1994	DSCH power control improvement in soft handover	RinImp-DSCHsho	Rel-4	N	R1	TSG	11-Sep-00	23-Mar-01		RAN_Wis		100 %	12-Mar-01
147	Building Block	1996	UMTS 1800	RinImp-UMTS18	Rel indep	N	R4	TSG	25-Sep-00	14-Dec-01		RAN_Wis		100 %	29-Nov-01
148	Building Block	2467	UMTS 1900	RinImp-UMTS19	Rel indep	N	R4	TSG	19-Mar-01	14-Dec-01	Cesar			100 %	29-Nov-01
149	Building Block	1219	FS on High Speed downlink packet access	RinImp-HSDPA		N	R2	TSG	21-Aug-00	23-Mar-01		RAN_Sis		100 %	12-Mar-01
150	Building Block	1510	FS on improved common DL channel for Cell-FACH state	RinImp-DLFCACH		N	R2	TSG	11-Sep-00	28-Dec-01		RAN_Sis	Stopped at RAN#14	100 %	24-Jan-02
151	Building Block	401839	Conformance Test Spec. Rel-4 improvements in Radio Interface			N	T1		08-Oct-01	14-Mar-03				64%	11-Oct-01
152	Work Task	2212	Testing Improved usage of downlink resource in FDD for CCTrCHs of dedicated type			N	T1		18-Feb-02	30-Aug-02			start/finish dates set...	0%	10-Dec-01
153	Work Task	2213	Testing Terminal Power saving features			N	T1		18-Feb-02	30-Aug-02			start/finish dates set...	0%	10-Dec-01
154	Work Task	2214	Testing DSCH power control improvement in soft handover		Rel-4	N	T1		18-Feb-02	30-Aug-02			start/finish dates set...	0%	28-Feb-02
155	Work Task	2215	Testing UMTS 1800		Rel indep	N	T1	TSG	08-Oct-01	14-Jun-02		TP-030052	finish date set	100 %	13-Jan-03
156	Work Task	41000	Testing UMTS 1900		Rel indep	N	T1	TSG	08-Oct-01	14-Jun-02		TP-030052	finish date set	100 %	13-Jan-03
157	Work Task	2561	Testing UMTS 1800 - TTCN		Rel indep	N	T1	TSG	17-Jun-02	14-Mar-03		TP-030052	finish date set	100 %	13-Jan-03
158	Work Task	41001	Testing UMTS 1900 - TTCN		Rel indep	N	T1	TSG	17-Jun-02	14-Mar-03		TP-030052	finish date set	100 %	13-Jan-03

Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	Split	WG	Appl	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
159	Feature	40009	Rel-4 RAN improvements	RANimp	NA	Y	RP	TS	14-Aug-00	17-Mar-04	Cesar	RAN Wis		14%	17-Nov-00
160	Building Block	655	Node B synchronisation for TDD	RANimp-NBsync	Rel-4	N	R1	TSG	14-Aug-00	23-Mar-01		RAN_Wis		100%	12-Mar-01
161	Building Block	2206	RAB support enhancement for Rel-4	RANimp-RABSE	Rel-4	N	R2	TSG	21-Aug-00	23-Mar-01		RAN Wis	29 Nov 2000: split into ROHC and non-ROHC part; 5 Mar 2001: splitting off of ROHC for Rel-4 agreed by R2	100%	28-Feb-02
162	Building Block	401912	Start Testing			N	ML ST		03-Dec-01	03-Dec-01			UID changed	0%	09-Apr-02
163	Building Block	402102	Conformance Test Aspects - Rel-4 RAN Improvements			N	T1		01-Jan-02	17-Mar-04				2%	01-Apr-00
164	Work Task	402222	Testing Radio access bearer support enhancements			N	T1		01-Jan-02	02-Sep-02			duration set to 6 months (was 0)...	0%	09-Apr-02
165	Work Task	402461	Testing RAB support enhancements-Robust Header Compression	RABimp-ROCH	Rel-4	Y	T1	TSG	28-May-02	03-Sep-03		TP-030052	UID changed	0%	14-Mar-03
166	Work Task	41006	Testing RAB support enhancements-Robust Header Compression - TTCN		Rel-4	Y	T1	TSG	28-May-02	17-Mar-04		TP-030052	UID changed	0%	14-Mar-03
167	Work Task	41007	Testing of Extended Robut Header Compression	Ext-ROHC	Rel-4	N	T1	TSG	18-Sep-02	30-Sep-03		TP-030052		15%	14-Mar-03
168	Work Task	41008	Testing of Extended Robut Header Compression - TTCN		Rel-4	N	T1	TSG	18-Sep-02	16-Dec-03		TP-030052		0%	14-Mar-03
169	Work Task	41009	General changes to TS34.121 corresponding to release 4	RANimp-test	Rel-4	N	T1	TSG	03-Mar-03	03-Mar-04				0%	14-Mar-03
170	Feature	401652	Rel-4 Emergency call enhancements	EMC1	NA	Y	N1	WG	03-Jan-00	28-May-02	Per			65%	30-May-01
171	Building Block	1654	For CS based calls	EMC1-CS	Rel-4	N	N1	TSG	03-Jan-00	28-May-02		NP-010136	WI approved in TSG_10...	67%	30-May-01
172	Work Task	1320	Distinction in CS domain of emergency call types to different emergency services			N	S1		01-May-00	23-Jun-00				100%	30-Mar-01
173	Work Task	1999	Distinction in CS domain of emergency calls to different emergency types			N	N1		28-Aug-00	26-Sep-00			Calls to different emergency services such as ambulance, fire brigade, police, etc. can be routed to respective different emergency centres....	100%	15-Nov-00
174	Work Task	402224	Conformance Test Aspects - Emergency call enhancements			N	T1		03-Jan-00	28-Jul-00			UID changed	0%	09-Apr-02
175	Work Task	2226	Testing CS based emergency calls			N	T1	TSG	25-Feb-02	28-May-02		TP-030052		100%	13-Jan-03
176	Work Task	2563	Testing CS based emergency calls - TTCN			N	T1	TSG	22-Nov-01	28-May-02		TP-030052		100%	13-Jan-03
177	Feature	401826	Rel-4 Terminal interfaces	TI	NA	Y	T2		03-Jan-00	15-Mar-01	Friedhelm	not needed		68%	13-Mar-01
178	Building Block	1827	AT commands enhancements	TI-ATC	Rel-4	N	T2		03-Jan-00	14-Mar-01				100%	13-Mar-01
179	Work Task	1828	Specification of AT commands for new services			N	T2		03-Jan-00	14-Mar-01			goal not completely achieved because of missing input	100%	20-Mar-01
180	Building Block	1829	Wide Area Data Synchronisation	TI-WADS	NA	Y	T2		03-Jan-00	14-Mar-01			AS: Rel5 changed to Rel4 according to SA#10 decision, milestone on testing added	56%	19-Dec-00
181	Work Task	1830	Continues evolution of Synchronisation protocol	TI-SYNC-EVOL	Rel-4	N	T2		03-Jan-00	14-Mar-01				100%	20-Mar-01
182	Building Block	1832	Terminal local model	TLM	Rel-4	N	T2	TSG	16-May-00	15-Mar-01		TP-000080		100%	14-Sep-01
183	Feature	401536	Rel-4 Location Services enhancements	LCS1	NA	Y	S2	TS	03-Apr-00	28-Dec-01	Alain	SP-010518		75%	01-Apr-00
184	Building Block	2229	CBS interactions	LCS1-CBS	Rel-4	N	T2		03-Apr-00	28-Dec-01				100%	10-Dec-01
185	Building Block	523	LCS support in the CS domain	LCS1-CS	Rel-4	N	S2		15-May-00	19-Jan-01			Only MAP impact foreseen so far. To be further split if needed.	100%	17-Nov-00
186	Building Block	525	LCS support in the PS domain	LCS1-PS	Rel-4	N	S2		01-May-00	28-Dec-01				75%	01-Apr-00
187	Work Task	1642	Stage 1			N	S1		03-Jul-00	25-Aug-00			To be also considered: External LCS client identity, and Privacy options when PDP-context and when no PDP-context is established	100%	01-Apr-00
188	Work Task	1181	Stage 2			N	S2		01-May-00	19-Jan-01			AS: 23.271 completed at SA#10	100%	13-Dec-00
189	Work Task	1180	Stage 3			N	N1		21-Aug-00	28-Dec-01				100%	10-Oct-01
190	Work Task	526	Layer 3 LCS signaling UE (MS) -SGSN (UMTS PS and and GSM-GPRS)			N	N1		21-Aug-00	28-Dec-01				100%	25-Mar-02
191	Work Task	2462	MAP impacts of LCS			N	N4		21-Aug-00	30-Mar-01			Missing work task	100%	20-Mar-01
192	Work Task	527	GTP signaling for LCS			N	N4		21-Aug-00	30-Mar-01				100%	12-Mar-01
193	Building Block	401600	UE positioning Rel-4	LCS1-UEpos	NA	N	RP	TSG	03-Apr-00	30-Mar-01		RAN_Wis	UID changed	100%	09-Apr-02
194	Work Task	1601	Iub/Iur interfaces for methods Rel 99	LCS1-UEpos-IubIur	Rel-4	N	R3	TSG	03-Apr-00	30-Mar-01		RAN_Wis	27/11: WG corrected; rapporteur corrected	100%	20-Mar-01
195	Work Task	1602	UE positioning enhancements - IPDL for TDD	LCS1-UEpos-ent	Rel-4	N	R2	TSG	28-Aug-00	23-Mar-01		RAN_Wis	5 Mar 2001: splitting off of IPDL for TDD for Rel-4 agreed by R2	100%	12-Mar-01
196	Feature	401560	Rel-4 UICC/(U)SIM enhancements and interworking	UICC1	NA	N	T3		24-Jul-00	23-Mar-01	Claus	not needed		100%	13-Jan-03
197	Building Block	1799	Common PCN Handset Specification (CPHS)	UICC1-CPHS	Rel-4	N	T3	TSG	24-Jul-00	23-Mar-01		TP-000116	28/5/2001: CRs approved at TP-11. WI complete.	100%	28-May-01
198	Feature	401800	Rel-4 (U)SIM toolkit enhancements	USAT1	NA	N	T3		05-Jun-00	23-Mar-01	Claus	not needed		100%	13-Jan-03
199	Building Block	2034	USAT local link	USAT1-LoLnk	Rel-4	N	T3	TSG	05-Jun-00	23-Mar-01		TP-000155	25/5/2001:CR was approved at TP-11. WI is complete	100%	28-May-01
200	Feature	401571	Rel-4 Security enhancements	SEC1	NA	N	S3	TS	03-Jan-00	15-Mar-02	Maurice	SP-000421	Added BB UE authentication and rapporteur added. TO BE DELETED	86%	27-Mar-03
201	Building Block	1587	Evolution of GSM CS algorithms (e.g. A5/3 development and deployment)	SEC1-CSALGO1	Rel-4	N	S3	TSG	03-Jan-00	15-Jan-01		SP-000306	Algorithm development go-ahead at SA3#21. Scheduled for completion in August 2002?. Approved SA#17. DELETE ENTRY FROM REL-4?	100%	08-Nov-02
202	Building Block	1588	Evolution of GSM PS algorithms (e.g. GEA 2 deployment)	SEC1-PSALGO1	Rel-4	N	S3	TSG	22-Feb-00	22-Dec-00		SP-000307	A5/3 development will consider new GEA algorithm based on Kasumi.	100%	10-Dec-01
203	Work Task	1589	Main aspects			N	S3		22-Feb-00	24-Nov-00			Complete TSG#09 (09/2000). S3#17: Proposed for deletion. TO BE DELETED	100%	10-Dec-01
204	Work Task	1618	Impact on GTP			N	N4	WG	20-Mar-00	22-Dec-00				100%	13-Dec-00
205	Work Task	1661	GEA capability indication in MS CM	SEC1-PSALGO1-GEACAP		N	N1		19-Jun-00	22-Dec-00				100%	15-Nov-00
206	Building Block	401583	MAP application layer security	SEC1-MAPAL	Rel-4	Y	S3	TSG	03-Jan-00	15-Mar-02			TO DELETE: REPLACED BY NDS-MAP and NDS-IP. TO BE DELETED, but replacement NDS-MAP was missing. Completed Auto Key Management -> Rel-6	76%	08-Nov-02
207	Work Task	401584	Main aspects			N	S3	WG	21-Feb-00	29-Mar-01			UID changed	100%	09-Apr-02
208	Work Task	402025	Other stage 3 aspects			N	N4	TSG	22-Feb-00	24-Nov-00			UID changed	100%	09-Apr-02
209	Work Task	401594	CHECK STATUS - Visibility and Configurability of security	SEC1-VCS	Rel-5	N	S3	TSG	03-Jan-00	15-Mar-02		SP-000305	CR approved at SA3#21 awaiting comments from CN1.	100%	09-Apr-02
210	Feature	401142	Rel-4 Charging and OAM&P	OAM	NA	N	S5	TS	01-Dec-00	05-Oct-01	Adrian	SP-010461	az: WID appr.SA#13.	60%	24-Jan-02
211	Building Block	2089	Rel4 Principles, high level Requirements and Architecture	OAM-AR/PR	Rel-4	N	S5	TSG	01-Dec-00	21-Jun-01		SP-010461		100%	13-Jan-03
212	Building Block	2088	Rel4 Performance Management		Rel-4	N	S5	TSG	01-Dec-00	28-Sep-01		SP-010238	Changed Rapp email	100%	13-Jan-03

Extracted from 3GPP Work Plan (Excel Version): **Work Plan for Rel-4 - Version 2003 April 23rd**

Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	Split	WG	Appl	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
213	Building Block	2081	Fault Management		Rel-4	N	S5	TSG	01-Dec-00	05-Oct-01		SP-000524		100 %	13-Jan-03
214	Building Block	2082	Configuration Management	OAM-CM	Rel-4	N	S5	TSG	01-Dec-00	21-Jun-01		SP-000524		100 %	13-Jan-03
215	Building Block	2083	Rel4 Charging Management	OAM-CH	Rel-4	N	S5	TSG	01-Dec-00	28-Sep-01		SP-000524	Changed Rapp email	100 %	13-Jan-03
216	Building Block	2071	UTRAN Operations and Maintenance procedures	UOAM	Rel-4	N	S5	TSG	01-Dec-00	21-Jun-01	Adrian	SP-000524		100 %	13-Jan-03
217	Feature	1517	Global Text Telephony	GTT	Rel Indep	N	S2	TSG	28-Jun-00	29-Aug-02	Alain	SP-010340	SP-000162 agreed WI. Rapporteur...	84 %	28-Feb-02
218	Building Block	1634	Stage 1			N	S1	TSG	28-Jun-00	16-Mar-01				100 %	01-Apr-00
219	Building Block	1519	Stage 2			N	S2	TSG	11-Sep-00	22-Jun-01				100 %	24-Jan-02
220	Building Block	2234	Specification of Cellular Text telephone Modem	GTT-CTM		N	S4		11-Sep-00	19-Mar-01				100 %	28-Feb-02
221	Work Task	2238	General description and C-code			N	S4		11-Sep-00	11-Dec-00				100 %	28-Feb-02
222	Work Task	2237	Minimum Performance requirements			N	S4		11-Sep-00	19-Mar-01				100 %	28-Feb-02
223	Building Block	1915	Start Testing			N	ML ST		18-Feb-02	18-Feb-02				0%	24-Jan-02
224	Building Block	1852	Conformance Test Aspects - Global Text telephony			N	T1		01-Mar-02	29-Aug-02			Bearer services, new spec document?...	0%	13-Jan-03

Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	Split	WG	Appl	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
6	Feature	625	IP transport in the UTRAN	ETRAN-IPtrans	Rel-5	-	R3	TS G	17-Jul-00	29-Mar-02		RAN Wis		100 %	12-Dec-01
7	Feature	2455	FS on Usage of SUA	SS7IP	Rel-5	-	N4		12-Mar-01	21-Dec-01		NP-010460	update WID...	100 %	12-Dec-01
8	Feature	2476	High Speed Downlink Packet Access	HSDPA	Rel-5	-	R2	TS G	02-Apr-01	06-Jun-03	Cesar	RAN_Wis		96 %	10-Dec-01
9	Building Block	2477	Physical Layer	HSDPA-Phys		-	R1	TSG	05-Apr-01	29-Mar-02		RP-010262		100 %	25-Mar-02
10	Building Block	2478	Layer 2 and 3 aspects	HSDPA-L23		-	R2	TSG	05-Apr-01	29-Mar-02		RAN_Wis	30 November: Completion date shifted to March 2002	100 %	28-Feb-02
11	Building Block	2479	Iub/Iur protocol aspects	HSDPA-IubIur		-	R3	TSG	02-Apr-01	29-Mar-02		RP-010262		100 %	01-Mar-02
12	Building Block	2480	RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing	HSDPA-RF		-	R4	TSG	09-Apr-01	06-Jun-03		RP-010262		90%	27-Mar-03
13	Feature	501216	Rel-5 Improvements of Radio Interface	Rinimp	NA	-	RP	TS G	14-Aug-00	30-Aug-02	Tsukasa	RAN Wis		89 %	11-Oct-01
14	Building Block	1471	Base station classification	Rinimp-BSCClass	Rel-5	-	R4	TSG	14-Aug-00	14-Jun-02		RAN_Wis		100 %	03-Oct-01
15	Work Task	1477	TDD Base station classification	Rinimp-BSCClass-TDD		-	R4	TSG	14-Aug-00	08-Mar-02		RAN_Wis		100 %	21-Jun-02
16	Work Task	24002	Base Station Classification for 1.28 Mcps TDD option	Rinimp-BSCClass-LCPTDD		-	R4	TSG	15-Jun-01	14-Jun-02				100 %	21-Jun-02
17	Building Block	2469	Enhancement on the DSCH hard split mode	Rinimp-DSCHhsp	Rel-5	-	R1	TSG	16-Mar-01	29-Mar-02				100 %	25-Mar-02
18	Building Block	1217	Hybrid ARQ II/III	Rinimp-HARQ	Rel-5	-	R2	TSG	21-Aug-00	28-Dec-01		RAN_Wis	Stopped at RAN#14; work on this task was performed as part of High Speed Downlink Packet Access feature	100 %	24-Jan-02
19	Building Block	1221	FS on USTS	Rinimp-USTS	Rel-5	-	R1	TSG	14-Aug-00	21-Dec-01		RAN_Sis		100 %	28-Feb-02
20	Building Block	1997	FS on UE antenna efficiency test method performance requirements	Rinimp-UEANTM	Rel-5	-	R4	TSG	25-Sep-00	14-Sep-01		RAN_Sis		100 %	03-Oct-01
21	Building Block	2494	FS on the re-introduction of the downlink SIR measurement	Rinimp-SIR	Rel-5	-	R4	TSG	12-Mar-01	14-Dec-01	Cesar			100 %	29-Nov-01
22	Building Block	2493	FS on mitigating the effect of CPICH interference at the UE	Rinimp-CPICH_Intf	Rel-5	-	R4	TSG	19-Mar-01	08-Mar-02	Cesar			100 %	01-Mar-02
23	Building Block	1839	Conformance Test Spec. improvements in Radio Interface			-	T1		18-Feb-02	30-Aug-02				0%	11-Oct-01
24	Work Task	2210	Testing improvement of inter-frequency and inter-system measurement		Rel-5	-	T1		18-Feb-02	30-Aug-02			start/finish dates set...	0%	28-Feb-02
25	Work Task	2211	Testing Hybrid ARQ II/III		Rel-5	-	T1		18-Feb-02	30-Aug-02			start/finish dates set...	0%	28-Feb-02
26	Feature	500009	Rel-5 RAN improvements	RANimp	NA	-	RP	TS G	16-Mar-01	01-Mar-04	Cesar	RAN Wis		72 %	21-Jun-02
27	Building Block	656	RRM optimization for Iur and Iub	RANimp-RRMopt	Rel-5	-	R3	TSG	16-Mar-01	04-Jun-02		RAN_Wis		100 %	12-Mar-01
28	Work Task	23000	Iur common transport channel efficiency optimisation	RANimp-RRMopt-ctc		-	R3	TSG	16-Mar-01	29-Mar-02				100 %	21-Mar-02
29	Work Task	23001	Iur neighbouring cell reporting efficiency optimisation	RANimp-RRMopt-ncr		-	R3	TSG	16-Mar-01	29-Mar-02				100 %	01-Mar-02
30	Work Task	23002	FS Introduction of direct transport bearers between SRNC and Node-B	RANimp-RRMopt-OTB		-	R3	TSG	15-Jun-01	04-Jun-02			FS was closed and introduction of WI not agreed at RAN #16	100 %	08-Nov-02
31	Building Block	2488	RL Timing Adjustment	RANimp-RLTA	Rel-5	-	R3	TSG	16-Mar-01	29-Mar-02				100 %	01-Mar-02
32	Building Block	2489	Separation of resource reservation and radio link activation	RANimp-SepRR	Rel-5	-	R3	TSG	16-Mar-01	29-Mar-02				100 %	01-Mar-02
33	Building Block	23003	FS SRNS Relocation Procedure Enhancement	RANimp-SRNS	Rel-5	-	R3	TSG	15-Jun-01	03-Sep-02				100 %	08-Nov-02
34	Building Block	2490	FS Improvement of Radio Resource Management across RNS and RNS/PSS	RANimp-RRM	Rel-5	-	R3	TSG	16-Mar-01	21-Dec-01			FS was closed and WI was introduced at RAN #14	100 %	08-Nov-02
35	Building Block	2491	Re-arrangements of Iub transport bearers	RANimp-TTPS	Rel-5	-	R3	TSG	16-Mar-01	29-Mar-02				100 %	01-Mar-02
36	Building Block	22000	RAB support enhancement for Rel-5	RANimp-RABSE5	Rel-5	-	R2	TSG	02-Apr-01	28-Jun-02		RAN Wis	RFC 3095 context relocation	100 %	21-Jun-02
37	Building Block	21001	Beamforming requirements for UE	RANimp-BFR-UE	Rel-5	-	R1	TSG	21-Sep-01	14-Dec-01				100 %	28-Feb-02
38	Building Block	21002	Support of Site Selection Diversity Transmission in UTRAN	RANimp-SSDT	Rel-5	-	R1	TSG	14-Dec-01	04-Jun-02		RP-020356		100 %	21-Jun-02
39	Building Block	2472	Node B Synchronisation for 1.28 Mcps TDD	RANimp-NBSLCR	Rel-5	-	R1	TSG	16-Mar-01	29-Mar-02				100 %	25-Mar-02
40	Building Block	1912	Start Testing			-	ML ST		03-Dec-01	03-Dec-01				0%	01-Apr-00
41	Building Block	2102	Conformance Test Aspects - RAN Improvements			-	T1		01-Jan-02	01-Mar-04				0%	01-Apr-00
42	Work Task	2222	Testing Radio access bearer support enhancements			-	T1		01-Jan-02	02-Sep-02			duration set to 6 months (was 0)...	0%	10-Dec-01
43	Work Task	41010	General changes to TS34.121 and TS34.122 corresponding to release 5	RANimp-test	Rel-5	-	T1	TSG	03-Mar-03	01-Mar-04				0%	14-Mar-03
44	Feature	23004	UTRAN Sharing in Connected Mode	NETSHARE	Rel-5	-	R3		03-Dec-01	03-Sep-02			Formerly 'Shared Network support in connected mode', renamed at RAN #16.	100 %	08-Nov-02
45	Feature	1273	Provisioning of IP-based multimedia services	IMS	NA	-	S1	TS G	03-Jan-00	03-Mar-04	MichaelC/Alan	SP-000216	S1 WI proposed S1-000290...	84 %	28-Feb-02
46	Building Block	1274	Call control and roaming to support IMS in UMTS	IMS-CCR	Rel-5	-	S2	TSG	03-Jan-00	14-Jun-02		SP-010339		88%	24-Jan-02
47	Work Task	1633	Stage 1			-	S1		21-Feb-00	15-Dec-00			Issues include e.g.: Roaming requirements, Requirements on supplementary services, Interworking requirements	100 %	30-Mar-01
48	Work Task	1514	Stage 2 (Architecture and Main flows)			-	S2	TSG	14-Apr-00	23-Mar-01		SP-000289	Issues include e.g.: Mobile IP, RAB selection principles, Optimized VoIP bearer mechanisms, SIP multimedia protocol	100 %	08-Feb-01
49	Work Task	1296	Impact on MM/CC/SM	IMS-CCR-IWMM		-	N1		28-Aug-00	08-Mar-02		NP-010434	Per 26/2-02: This is understood to be the PCO & TFT CRs which CN1 provides to TSGN #15 for approval. If this is correct understanding, then the task is 100 % complete.	100 %	25-Mar-02
50	Work Task	2233	SIP Call Control protocol for the IMS			-	N1	TSG	03-Jan-00	14-Jun-02		NP-010643	TSGN_10 approved the change:CN1 - SA2 SIP joint meeting spotted one more place for improvement: work tasks with ID 1998 and 1278 are actually subtasks under of single CN1 WT. One WI has been approved for the CN1 WT with title 'SIP Call Control protocol...	93%	24-Jan-02
51	Work Task	1998	IMS signalling flows			-	N1	TSG	02-Oct-00	22-Mar-02			TS 24.228...	100 %	14-Mar-03
52	Work Task	1278	IMS stage 3			-	N1	TSG	02-Oct-00	22-Mar-02			TS 24.229...	100 %	14-Mar-03
53	Work Task	2255	IMS Session Handling: stage 2			-	N1	TSG	02-Oct-00	22-Mar-02			TS 23.218...	100 %	28-Feb-02
54	Work Task	10004	Main IETF dependencies			-	NP		03-Jan-00	07-Jun-02				96%	28-Mar-03
55	Work Task	2521	IETF: RFC 3261 (Session Initiation Protocol)			-	N1		24-Nov-00	22-Mar-02				100 %	14-Mar-03
56	Work Task	2523	IETF: RFC 3262 (Reliability of provisional responses)			-	N1		24-Nov-00	22-Mar-02				100 %	14-Mar-03
57	Work Task	2522	IETF: RFC 3312 (Without COMET)(Integration of resource management and SIP)			-	N1		24-Nov-00	13-May-02				100 %	14-Mar-03

Extracted from 3GPP Work Plan (Excel Version): Rel-5 Work Plan - Version 2003 July 25th

Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	Split	WG	Appl	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
58	Work Task	2524	IETF: RFC 3323 (SIP extensions for caller identity and privacy)			-	N1		24-Nov-00	13-May-02				100 %	14-Mar-03
59	Work Task	2525	IETF: RFC 3313 (SIP extensions for media authorization)			-	N1		24-Nov-00	13-May-02				100 %	14-Mar-03
60	Work Task	11000	IETF: RFC 3265 (specific event notification)			-	N1		24-Nov-00	22-Mar-02				100 %	14-Mar-03
61	Work Task	11001	IETF: RFC editor Queue (refer method)			-	N1		24-Nov-00	07-Jun-02				100 %	14-Mar-03
62	Work Task	11002	IETF: RFC editor Queue (DHCP options for SIP servers)			-	N1		24-Nov-00	13-May-02				100 %	14-Mar-03
63	Work Task	11004	IETF: RFC 3267 (AMR and AMR WB RTP and SDP)			-	N1		24-Nov-00	22-Mar-02				100 %	14-Mar-03
64	Work Task	11005	IETF: RFC 3266 (IPv6 support within SDP)			-	N1		03-Jan-00	22-Mar-02				100 %	14-Mar-03
65	Work Task	11022	IETF: RFC 3311 (The Update method)			-	N1		24-Nov-00	13-May-02				100 %	14-Mar-03
66	Work Task	11023	IETF: RFC 3324 (Network Asserted Identity)			-	N1		24-Nov-00	13-May-02				100 %	14-Mar-03
67	Work Task	11024	IETF: RFC editor Queue (Various 3GPP Private Extensions)			-	N1		24-Nov-00	13-May-02				100 %	14-Mar-03
68	Work Task	1290	Addressing			-	S2		09-Oct-00	22-Mar-02				100 %	01-Apr-00
69	Work Task	1291	Architectural issues			-	S2		09-Oct-00	31-Aug-01				100 %	08-Feb-01
70	Work Task	1292	Impact on HSS			-	N4		15-Nov-00	22-Mar-02			17th May, KK. This is cover by 29.228 & 29228. Work complete.	100 %	30-May-02
71	Work Task	2530	Service Examples (Work stopped)	IMS-Sex		-	S1	TSG	17-Apr-01	14-Jun-02				31%	25-Jul-03
72	Work Task	2531	IMS Framework Report (work stopped)	IMS-FWk		-	S1	TSG	17-Apr-01	14-Jun-02				50%	25-Jul-03
73	Building Block	1298	Access Security for IMS	IMS-ASEC	Rel-5	-	S3	TSG	08-Oct-01	28-Jun-02		SP-010323	TS33.203 will be presented for info at SA#14 and is scheduled for approval at SA#15. Dependencies on IETF exist. Approved SA#15	100 %	08-Nov-02
74	Work Task	43000	IMS impacts on UICC (ISIM application)			-	T3		08-Oct-01	21-Jun-02		TP-010251		100 %	26-Sep-02
75	Work Task	11014	SIP extensions for Integrity protection			-	N1		17-Dec-01	28-Jun-02			Per 26/2-02: CN1 is not aware of any requirements and is not doing anything on this task.	100 %	21-Jun-02
76	Building Block	2574	Security Aspects of Requirement for Network Configuration Independence	SEC1-NCI	Rel-5	-	S3	TSG	02-Jul-01	28-Dec-01		SP-010324	Incorporated into IMS access security TS (33.203) which will be presented for info at SA#14 and is scheduled for approval at SA#15. Editors notes removed SA#16&17	100 %	08-Nov-02
77	Building Block	1299	Lawful interception	IMS-LI	Rel-5	-	S3	TSG	04-Sep-00	29-Mar-02		SP-010621	Rel-5 33.106 and 33.107 approved at SA#12. Revised WID including new Rel-5 specification (33.108) scheduled for approval at SA#14. 33.108 approved SA#16. CR at SA#17	100 %	08-Nov-02
78	Building Block	35007	Charging and OAM&P for IMS	IMS-OAM	Rel-5	-	S5	TSG	25-Dec-00	12-Jun-02		SP-010461		100 %	21-Jun-02
79	Building Block	2036	Multimedia codecs and protocols for conversational PS services	IMS-CODEC	Rel-5	-	S4	TSG	26-Jul-00	27-Sep-02		SP-000398		100 %	27-Mar-03
80	Work Task	2039	Codecs			-	S4	TSG	26-Jul-00	14-Mar-02		SP-000398		100 %	25-Mar-02
81	Work Task	34020	Transport protocols	IMS-CODEC	Rel-5	-	S4		12-Mar-02	12-Mar-02				100 %	25-Mar-02
82	Work Task	34006	recommendation for QoS parameter values for various media types			-	S4	TSG	31-Dec-01	27-Sep-02				100 %	13-Jan-03
83	Work Task	11025	IETF: RFC 3310 (HTTP Digest Authentication using AKA)			-	N1		24-Nov-00	13-May-02				100 %	14-Mar-03
84	Work Task	11026	IETF: RFC 3329 (Security mechanism agreement for SIP connections)			-	N1		24-Nov-00	13-May-02				100 %	14-Mar-03
85	Building Block	32003	SIP message compression		Rel-5	-	S2		24-Sep-01	07-Jun-02				100 %	25-Mar-02
86	Work Task	32004	Stage 2			-	S2		24-Sep-01	26-Oct-01				100 %	24-Nov-01
87	Work Task	11015	Compression signalling			-	N1		28-Sep-01	07-Jun-02				100 %	14-Mar-03
88	Building Block	10001	Stage 3 description of IMS interfaces		Rel-5	-	NP		14-Mar-01	30-Aug-02				99%	24-Jan-02
89	Work Task	1286	Cx interface (HSS to CSCF)			-	N4	TSG	14-Mar-01	07-Jun-02		NP-010626	DAB 12/12/01 to 75%...	100 %	30-May-02
90	Work Task	14997	Mp interface (MRFC - MRFP) enhancements			-	N4		14-Mar-01	08-Mar-02			[DAB 08-03-02] - No work required in CN4	100 %	30-May-02
91	Work Task	11016	Mw interface (CSCF to P-CSCF)			-	N1		14-Mar-01	07-Jun-02				100 %	14-Mar-03
92	Work Task	11018	Mr interface (CSCF to MRF)			-	N1		14-Mar-01	29-Mar-02				100 %	28-Feb-02
93	Work Task	14003	Dx interface (I-CSCF to SLF)			-	N4		14-Mar-01	07-Jun-02			CN#11 30/11/01: No inputs received in CN4...	100 %	30-May-02
94	Work Task	13001	Go interface (GGSN to PCF)			-	N3		14-Mar-01	07-Jun-02			[DAB - 23/05/03] - 100 % complete	100 %	25-Jul-03
95	Work Task	11019	ISC (IMS Service Control) Interface			-	N1		14-Mar-01	07-Jun-02				100 %	30-May-02
96	Work Task	14006	Sh interface (HSS to AS)			-	N4		14-Feb-02	07-Jun-02			CN#11 30/11/01: No inputs received in CN4...	100 %	30-May-02
97	Work Task	14998	Si interface (HSS to IM-SSF)			-	N4		16-Jan-02	30-Aug-02			SA16: Part of Rel5 only if completed in September 02	72%	30-May-02
98	Work Task	11020	Gm interface (UE to CSCF)			-	N1		14-Mar-01	07-Jun-02				100 %	14-Mar-03
99	Work Task	11027	Mi interface (CSCF to BGCF)			-	N1		14-Mar-01	07-Jun-02				100 %	14-Mar-03
100	Work Task	11028	Mj interface (BGCF to MGCF)			-	N1		14-Mar-01	07-Jun-02				100 %	14-Mar-03
101	Work Task	11029	Mk interface (BGCF to BGCF)			-	N1		14-Mar-01	07-Jun-02				100 %	14-Mar-03
102	Building Block	1310	Support of VHE/OSA by entities and protocols of the IMS (e.g. CSCF)	IMS-ONOSA	Rel-5	-	N5	TSG	21-Sep-01	07-Jun-02		NP-010692		100 %	21-Jun-02
103	Building Block	12000	CAMEL control of IMS services	IMS-CAMEL	Rel-5	-	N2		16-Apr-01	06-Sep-02		NP-020305	SA16: Part of Rel5 only if Si completed in September 02	91%	21-Jun-02
104	Work Task	12001	Stage2 work 'general'			-	N2		16-Apr-01	06-Sep-02			DAB 12.12.01 split into cn4 and cn2 parts	100 %	13-Jan-03
105	Work Task	12002	Stage3 work 'CAP'			-	N2		07-Jan-02	06-Sep-02			DAB 12.12.01 split into cn4 and cn2 parts	100 %	13-Jan-03
106	Work Task	12003	Stage2 work 'Si interface'			-	N2		07-Jan-02	06-Sep-02			DAB 12.12.01 split into cn4 and cn2 parts	100 %	13-Jan-03
107	Work Task	12004	Stage3 work 'Si interface'			-	N4		14-Feb-02	07-Jun-02			[DAB 08-03-02] - UID 12004 is MASTER of UID 14998...	100 %	30-May-02
108	Work Task	14004	SDM issues for CAMEL control of IMS			-	N4		14-Feb-02	07-Jun-02			[DAB 08-03-02] - No activity on this in CN4	0%	25-Mar-02
109	Building Block	31002	Pre-pay/real-time charging in IMS		TBD	-	S1		15-Jun-01	15-Mar-02				60%	28-Feb-02
110	Building Block	35005	Charging	OAM-CH	Rel-5	-	S5	TSG	06-Aug-01	12-Sep-02		SP-010631	Changed Rapp email	100 %	13-Jan-03
111	Work Task	32006	Charging Implications of IMS architecture			-	S2		06-Aug-01	16-Nov-01		SP-010519		100 %	28-Feb-02
112	Work Task	35006	Charging management for IMS (off-line & on-line)	OAM-CH	Rel-5	-	S5	TSG	19-Nov-01	12-Sep-02				100 %	08-Nov-02
113	Building Block	10002	Other IETF dependencies		Rel-5	-	NP		24-Nov-00	07-Jun-02			Was introduced at SA#13 by Ileana Leuca (exact position in the WP and related WG have to be defined)	70%	25-Mar-02
114	Work Task	11011	IETF: draft-ietf-aaa-diameter - should be CN4			-	NP		24-Nov-00	07-Jun-02				90%	10-Oct-01

Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	Split	WG	Appl	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
115	Work Task	11999	IETF: draft-johansson-aaa-diameter-mm-app - should be CN4			-	NP		24-Nov-00	07-Jun-02				50%	10-Oct-01
116	Building Block	1913	Start Testing		Rel-5	-	ML ST		18-Mar-02	18-Mar-02				0%	08-Oct-01
117	Building Block	1844	Conformance Test Aspects - Provisioning of IMS	IMS-TEST		-	T1		18-Mar-02	27-Dec-02			The task is a building block, individual work items are being considered but are constrained by lack of supporting companies	0%	10-Dec-01
118	Building Block	41004	Testing of support for IMS - prose		Rel-5	-	T1	TSG	18-Sep-02	30-Sep-03		TP-030052		0%	14-Mar-03
119	Building Block	41005	Testing of support for IMS - TTCN		Rel-5	-	T1	TSG	18-Sep-02	03-Mar-04		TP-030052		0%	14-Mar-03
120	Feature	34001	Extended Transparent End-to-End PS Streaming Service	PSS-E	Rel-5	-	S4	TS G	03-Jan-02	17-Mar-03	Paolo	SP-010392		75%	28-Feb-02
121	Building Block	34002	Stage 1			-	S1	TSG	18-Nov-02	17-Mar-03		SP-010392	2nd resp SA4	74%	25-Mar-02
122	Work Task	31032	Interaction with other services			-	S1	TSG	18-Nov-02	17-Mar-03			2nd resp SA4	65%	13-Jan-03
123	Building Block	34003	Stage 2 (version Rel5 of TS 26.234)			-	S4	TSG	03-Jan-02	14-Mar-02		SP-010392	2nd resp SA2	100%	25-Mar-02
124	Building Block	34019	RTP usage model			-	S4		03-Jan-02	06-Dec-02				90%	13-Jan-03
125	Feature	50163	Rel-5 OSA enhancements	OSA1	NA	-	S1	TS G	11-Jul-00	20-Dec-02	Adrian	SP-000216		92%	25-Jul-03
126	Building Block	32010	General Stage 2 for Rel5			-	S2		11-Sep-01	07-Jun-02				33%	30-May-02
127	Building Block	1429	OSA APIs for Multimedia Call Control	OSA1-CSCF	Rel-5	-	S2	TSG	11-Jul-00	07-Jun-02			For Rel5 even if completed by March	100%	24-Jan-02
128	Work Task	1430	Stage 1			-	S1	TSG	11-Jul-00	14-Mar-02	Michael			100%	30-May-02
129	Work Task	15002	(Multimedia) Call Control - Stages 2 and 3			-	N5	TSG	11-Sep-01	07-Jun-02				100%	21-Jun-02
130	Building Block	15003	Generic user interaction - Stage 3		Rel-5	-	N5	TSG	11-Sep-01	07-Jun-02				100%	21-Jun-02
131	Building Block	15004	Charging - Stage 3		Rel-5	-	N5	TSG	11-Sep-01	07-Jun-02				100%	21-Jun-02
132	Building Block	15007	Call Control Service Mapping; Multiparty Call Control SIP - Stage 3		Rel-5	-	N5	TSG	11-Sep-01	07-Jun-02				100%	21-Jun-02
133	Building Block	15999	WSDL APIs for SOAP/HTTP - Stage 3		Rel-5	-	N5	TSG	11-Sep-00	07-Jun-02				100%	21-Jun-02
134	Building Block	1419	OSA security	OSA1-SEC	Rel-5	-	S3	TSG	11-Jul-00	20-Dec-02		SP-000302	CR to correct security specifications in 29.198 scheduled for approval at CN#15	93%	08-Nov-02
135	Work Task	2121	Stage 1			-	S1	TSG	11-Jul-00	09-Nov-01	Michael			100%	28-Feb-02
136	Work Task	1421	Stage 3			-	S3	TSG	23-Oct-00	14-Jun-02			??	80%	08-Nov-02
137	Work Task	1422	security related SCF(s) definition			-	N5	TSG	21-Sep-01	07-Jun-02		NP-010692		100%	21-Jun-02
138	Work Task	1423	(possibly) changes required from supporting platforms, e.g. gsmSCF, HLR			-	S3	TSG	11-Sep-00	14-Dec-00				100%	08-Nov-02
139	Work Task	15017	Security (moved from Rel-6)			-	S3	TSG	14-Mar-02	20-Dec-02			Contribution at S3#25	100%	25-Jul-03
140	Building Block	401424	Interactions OSA - e-commerce	OSA1-ECOM	Rel-5	-	S2	TSG	11-Jul-00	07-Jun-02				97%	21-Jun-02
141	Work Task	1425	Stage 1			-	S1	TSG	11-Jul-00	14-Mar-02				95%	28-Feb-02
142	Work Task	1529	Stages 2 and 3			-	N5	TSG	21-Sep-01	07-Jun-02		NP-010692		100%	21-Jun-02
143	Building Block	15005	Policy Management - Stage 3		Rel-5	-	N5	TSG	11-Sep-01	07-Jun-02				100%	26-Sep-02
144	Building Block	15006	Presence and Availability Management (PAM) - Stage 3		Rel-5	-	N5	TSG	11-Sep-01	07-Jun-02				100%	26-Sep-02
145	Building Block	1786	CHECK STATUS - LCS - OSA interfaces	OSA1-LCSI	Rel-5	-	S1	TSG	11-Sep-00	07-Jun-02			az: CN#13 - changed to Rel5	46%	08-Oct-01
146	Work Task	1787	Stage 1			-	S1	TSG	11-Sep-00	08-Dec-00				100%	30-May-02
147	Work Task	2124	Stage 2			-	S2	TSG	11-Dec-00	11-Dec-00			az 24/05/01: Rel4 completion 90->100%.	100%	06-Jun-01
148	Work Task	1788	Stage 3			-	N5	TSG	21-Sep-01	07-Jun-02		NP-010692		100%	21-Jun-02
149	Building Block	2540	Access to User Profile	OSA2-UP		-	S1	TSG	01-Jun-01	20-Dec-01				100%	25-Jul-03
150	Building Block	1433	Retrieval of Terminal capabilities	OSA2-TC		-	S2	TSG	11-Jul-00	13-Dec-02				100%	25-Jul-03
151	Work Task	1434	Stage 1			-	S1	TSG	11-Jul-00	10-Jan-01				100%	25-Jul-03
152	Work Task	1436	Stages 2 and 3			-	N5	TSG	21-Sep-01	13-Dec-02		NP-010692		100%	25-Jul-03
153	Work Task	2122	Provisioning of the terminal capabilities			-	T2	TSG	02-Apr-01	13-Dec-02			According to T2 SWG1 M. Cataldo this is automatically supported by the MEXE support of UAProl therefore 100% complete	100%	25-Jul-03
154	Feature	1638	CAMEL phase 4	CAMEL4	Rel-5	-	S1	WG	17-Apr-00	06-Sep-02	Andrijana	NP-020486		88%	28-Feb-02
155	Building Block	1461	Service requirements			-	S1	WG	17-Apr-00	14-Jun-02				100%	28-Feb-02
156	Building Block	2012	Call Party Handling	CAMEL4-CPH		-	N2	WG	10-Jul-00	07-Jun-02				100%	30-May-02
157	Building Block	2013	Mid call procedure for MO and MT calls	CAMEL4-MCP		-	N2	WG	17-Jul-00	07-Jun-02				100%	30-May-02
158	Building Block	2014	Interactions with Optimal Routing	CAMEL4-IOR		-	N2	WG	17-Jul-00	08-Mar-02				100%	28-Feb-02
159	Building Block	2015	Inclusion of flexible tone injection	CAMEL4-IFTI		-	N2	WG	17-Jul-00	08-Mar-02				100%	28-Feb-02
160	Building Block	2016	CSE control over MT SMS	CAMEL4-CCSMS		-	N2	WG	17-Jul-00	08-Mar-02				100%	28-Feb-02
161	Building Block	2460	Notification of GPRS mobility management to CSE	CAMEL4-NMM		-	N2	WG	02-Mar-01	07-Jun-02				100%	30-May-02
162	Building Block	2458	Provision of location information of called subscriber	CAMEL4-LOCB		-	N2	WG	02-Mar-01	08-Mar-02				100%	28-Feb-02
163	Building Block	2514	Inclusion of ODB data in the CSE_HLR interface	CAMEL4-ODB		-	N2	WG	09-Jul-01	08-Mar-02			Added on May 29, 2001	100%	28-Feb-02
164	Building Block	2515	Location information during an ongoing call (Handover DP)	CAMEL4-HODP		-	N2	WG	14-May-01	07-Jun-02				100%	30-May-02
165	Building Block	2516	GPRS Any Time Interrogation	CAMEL4-ATI		-	N2	WG	09-Jul-01	07-Jun-02				100%	30-May-02
166	Building Block	2599	Transfer of IMEI (with SW version) to CSE	CAMEL4-ATI		-	N2	WG	09-Jul-01	07-Jun-02				100%	30-May-02
167	Building Block	12005	Handling of partial implementations of CAMEL4	CAMEL4-SUB		-	N2	WG	08-Mar-02	06-Sep-02			stage2 and stage3 CRs for approval at CN#17	100%	26-Sep-02

Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	Split	WG	Appl	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
168	Feature	2464	Rel-5 MExE enhancements	MEXE5	Rel-5	-	T2	TS G	26-Mar-01	08-Mar-02	Friedhelm			100 %	13-Mar-01
169	Building Block	2466	MExE Rel-5 Improvements and Investigations	MEXES-ENHANC		-	T2	TSG	26-Mar-01	08-Mar-02		TP-010071		100 %	21-Mar-02
170	Feature	1625	Wideband Telephony Service - AMR	AMRWB	Rel-5	-	S4	TS G	01-Jan-00	19-Dec-03	Paolo	SP-99354		79 %	27-Mar-03
171	Building Block	62	Specification			-	S4		01-Jan-00	12-Sep-02				99%	27-Mar-03
172	Work Task	31005	Stage 1			-	S1		01-Oct-01	22-Mar-02				100 %	01-Mar-02
173	Work Task	32007	Stage 2			-	S4		03-Jan-00	17-Apr-00				100 %	28-Feb-02
174	Work Task	1459	Design Constraints			-	S4		03-Jan-00	07-Feb-00				100 %	28-Feb-02
175	Work Task	1460	General Description			-	S4		07-Feb-00	17-Apr-00				100 %	28-Feb-02
176	Work Task	1626	Feasibility Study			-	S4	TSG	28-Apr-00	02-Jun-00		SP-000024	S4,TD SP-000024: TR 26.901 v.4.0.0	100 %	28-Feb-02
177	Work Task	1656	N1 Aspects			-	N1	TSG	21-Sep-01	21-Dec-01			Some of N1 tasks: Indication of supported codecs by the MS, Bearer cap negotiation, codec indication to MS.....	100 %	26-Sep-02
178	Work Task	14005	N4 work			-	N4	TSG	13-Feb-02	07-Jun-02		N4-010538	CN4#11 30/11/01: No inputs to CN4 at this meeting...	100 %	30-May-02
179	Work Task	67	Codec issues			-	S4		03-Jan-00	12-Sep-02				99%	28-Feb-02
180	Work Task	1627	Codec qualification			-	S4	TSG	01-Feb-00	30-May-00				100 %	28-Feb-02
181	Work Task	74	Codec selection tests			-	S4		01-Jun-00	20-Oct-00				100 %	28-Feb-02
182	Work Task	891	Codec selection			-	S4		23-Oct-00	27-Oct-00				100 %	28-Feb-02
183	Work Task	34007	TFO AMR-WB	AMRWB-TFO		-	S4		18-Dec-01	14-Mar-02				100 %	26-Sep-02
184	Work Task	890	Other codec issues (verif., characterisation)			-	S4		29-Sep-00	07-Jun-02			ANSI C-Code , Test Sequences, Speech Transcoding Functions, Error Concealment of lost frames, Source Controlled Bit-Rate Operation, Voice Activity Detector. Frame Structure	100 %	13-Jan-03
185	Work Task	34008	AMR-WB and narrowband interworking	AMRWB-IWG		-	S4		27-Sep-01	14-Mar-02				100 %	28-Feb-02
186	Work Task	34009	Interworking with fixed broadband networks			-	S4		27-Sep-01	14-Mar-02				100 %	28-Feb-02
187	Work Task	34010	Tones and announcements			-	S4		27-Sep-01	14-Mar-02				100 %	28-Feb-02
188	Work Task	34011	WB Conferencing and WB Voice Group calls (deleted)			-	S1		03-Jan-00	03-Jan-00				0%	25-Jul-03
189	Work Task	34012	Billing, accounting and call detail record aspects		Rel-5	-	S5		27-Sep-01	12-Sep-02		SP-010631		100 %	08-Nov-02
190	Work Task	1989	Start Testing			-	MLS T		25-Feb-02	25-Feb-02				0%	01-Apr-00
191	Work Task	1855	Conformance tests (CRs to 34 series)			-	T1		01-Jan-00	12-Apr-00				100 %	13-Jan-03
192	Work Task	76	Terminal Acoustic Characteristics			-	S4		01-Jan-00	12-Apr-00				100 %	01-Apr-00
193	Work Task	1628	Definition			-	S4	TSG	01-Jan-00	31-Jan-00				100 %	28-Feb-02
194	Work Task	1629	Test specification			-	S4	TSG	01-Feb-00	12-Apr-00				100 %	20-Mar-01
195	Building Block	34004	Floating-point ANSI-C code for the AMR-WB speech codec	AMRWB-FP		-	S4	TSG	25-Sep-01	14-Mar-02		SP-010459		100 %	28-Feb-02
196	Building Block	80	Support of AMR-WB in GERAN: GMSK and 8PSK WB FR / HR	GAMRWB		-	GP	TSG	03-Jan-00	28-Jun-02	Paolo	GP-000453		100 %	31-Jul-02
197	Work Task	50098	Channel coding in 45.003			-	GP	TSG	03-Jan-00	05-Apr-02				100 %	21-May-02
198	Work Task	2266	Signalling for the A interface			-	GP	TSG	03-Jan-00	29-Jun-01				100 %	12-Sep-01
199	Work Task	2267	Signalling for lu			-	GP	TSG	03-Jan-00	28-Jun-02				100 %	31-Jul-02
200	Work Task	2268	Receiver performance in TS 45.005			-	GP	TSG	02-Apr-01	28-Jun-02				100 %	31-Jul-02
201	Work Task	50000	Link Adaptation in 45.009			-	GP		26-Mar-01	28-Jun-02				100 %	31-Jul-02
202	Building Block	2269	GERAN MS conformance test for AMR-WB			-	GP	TSG	03-Jan-00	19-Dec-03	Paolo	GP-000454	Not started	0%	13-Feb-03
203	Work Task	2270	MS test			-	GP	TSG	03-Jan-00	19-Dec-03				0%	13-Feb-03
204	Building Block	2271	GERAN BTS conformance test for AMR-WB			-	GP	TSG	03-Jan-00	02-Dec-02	Paolo	GP-000455		100 %	13-Feb-03
205	Work Task	2272	BTS test			-	GP	TSG	03-Jan-00	02-Dec-02				100 %	13-Feb-03
206	Feature	1826	Terminal interfaces	Ti	NA	-	T2		14-May-01	20-Mar-02	Friedhelm	not needed		100 %	13-Mar-01
207	Building Block	2573	Terminal local model enhancements	TLM5	Rel-5	-	T2	TSG	14-May-01	20-Mar-02		TP-010224		100 %	27-Mar-03
208	Feature	1536	Rel-5 Location Services enhancements	LCS1	Rel-5	-	S2	TS G	03-Apr-00	27-Jun-03	Alain	SP-010518		84 %	01-Apr-00
209	Building Block	1600	UE positioning	LCS1-UEpos	NA	-	RP	TSG	15-Jan-01	29-Mar-02		RAN_Wis		97%	20-Mar-01
210	Work Task	2474	UE positioning enhancements for 1.28 Mcps TDD	LCS-128Pos	Rel-5	-	R2	TSG	09-Apr-01	29-Mar-02		RAN_Wis		100 %	28-Feb-02
211	Work Task	2125	Open SMLC-SRNC Interface within the UTRAN to support A-GPS Positioning	LCS-INTF	Rel-5	-	R2	TSG	15-Jan-01	12-Oct-01		RAN_Wis	Finished at RAN#13	100 %	24-Jan-02
212	Building Block	1171	Event based and Periodic LCS	LCS1-EBP	Rel-5	-	S1		22-May-00	07-Jun-02				88%	25-Jul-03
213	Work Task	1641	Stage 1			-	S1		22-May-00	17-Nov-00			Evaluate Event based and Periodic LCS to be included in R00, corresponding Stage 1 description	100 %	01-Apr-00
214	Work Task	1538	Stage 2 specification			-	S2		06-Nov-00	26-Jan-01				51%	17-Nov-00
215	Work Task	1179	Impact on MAP			-	N4		15-Mar-02	07-Jun-02			Possible impact on UTRAN of LCS quality level request...	100 %	30-May-02
216	Building Block	2436	Location Services for GERAN in A/Gb Mode	LCS-GERAN	Rel-5	-	GP	TSG	03-Apr-00	08-Feb-02	Paolo	GP-011925		100 %	12-Sep-01
217	Work Task	2437	GERAN LCS Stage 2 (first release)			-	GP: S2 G: 1;G2	TSG	03-Apr-00	08-Feb-02				100 %	28-Feb-02
218	Work Task	2438	Gb interface support for LCS			-	GP	TSG	03-Apr-00	31-Aug-01				100 %	12-Sep-01
219	Work Task	2440	L3 protocol support for LCS			-	GP	TSG	03-Apr-00	01-Jun-01				100 %	12-Sep-01
220	Work Task	2441	Stage 3 specifications			-	GP	TSG	03-Apr-00	01-Jun-01				100 %	12-Sep-01
221	Building Block	2442	Location Services for GERAN in lu Mode		Rel-5	-	GP	TSG	03-Apr-00	28-Jun-02	Paolo	GP-011926		100 %	31-Jul-02

Extracted from 3GPP Work Plan (Excel Version): Rel-5 Work Plan - Version 2003 July 25th

Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	Split	WG	Appl	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
222	Work Task	2443	GERAN LCS Stage 2			-	GP; R2; R3; S2; G1; G2	TSG	03-Apr-00	28-Jun-02				100 %	31-Jul-02
223	Work Task	2444	Iu-ps interface support for LCS			-	GP; R2; R3; S2; G1; G2	TSG	03-Apr-00	28-Jun-02				100 %	31-Jul-02
224	Work Task	2445	Iu-cs interface support for LCS			-	GP; R2; R3; S2; G1; G2	TSG	03-Apr-00	28-Jun-02				100 %	31-Jul-02
225	Work Task	2446	Iur-g interface support for LCS			-	GP; R2; R3; S2; G1; G2	TSG	23-Jan-02	19-Apr-02		FFS		100 %	31-Jul-02
226	Work Task	2447	RRC protocol support for LCS			-	GP; R2; R3; S2; G1; G2	TSG	20-Aug-01	30-Nov-01				100 %	31-Jul-02
227	Work Task	2448	Additional impacts on Broadcast of LCS data on packet channels			-	GP; R2; R3; S2; G1; G2	TSG	20-Aug-01	05-Dec-01				100 %	31-Jul-02
228	Work Task	2449	Stage 3 specifications			-	GP; R2; R3; S2; G1; G2	TSG	25-Mar-02	28-Jun-02				100 %	31-Jul-02
229	Building Block	50068	GERAN MS Conformance test for LCS	LCS-GERAN-MSconf		-	GP		03-Jun-02	27-Jun-03		GP-000458	On-going	60%	13-Feb-03
230	Work Task	55069	Develop LCS MS test case work plan (Release 98/99/4)			-	G4; G5		03-Jun-02	27-Jun-03				60%	13-Feb-03
231	Work Task	55070	Develop LCS MS test cases			-	G4; G5		03-Jun-02	27-Jun-03				60%	13-Feb-03
232	Building Block	50069	GERAN BTS Conformance test for LCS	LCS-GERAN-BTSconf		-	GP		03-Jun-02	27-Jun-03		GP-000459	Not started	0%	13-Feb-03
233	Work Task	55071	Develop LCS BTS test case work plan (Release 98/99/4)			-	G4; G5		03-Jun-02	27-Jun-03				0%	13-Feb-03
234	Work Task	55072	Develop LCS BTS test cases			-	G4; G5		03-Jun-02	27-Jun-03				0%	13-Feb-03
235	Building Block	544	LCS interoperation stage 2 aspects			-	S2		28-Aug-00	28-Jun-02				17%	17-Nov-00
236	Building Block	2434	LCS interoperability aspects to GERAN	LCS-GERAN	Rel-5	-	GP	TSG	28-Aug-00	28-Jun-02	Paolo	GP-000456		100 %	31-Jul-02
237	Work Task	2435	Co-ordinated development of GSM LCS Phase 2 and UMTS LCS, S2 and GERAN	LCS-GERAN		-	GP; S2; S3; R2; R3; G2; G1	TSG	28-Aug-00	28-Jun-02				100 %	31-Jul-02
238	Building Block	1183	FS on LCS support in the IMS			-	S1		12-Feb-01	18-Jan-02				75%	25-Jul-03
239	Building Block	35008	Charging and OAM&P for LCS enhancements	LCS1-OAM	Rel-5	-	S5	TSG	21-Sep-01	28-Jun-02		SP-010461		100 %	21-Jun-02
240	Building Block	521	New security aspects of LCS (not identified)	LCS1-SEC	Rel-5	-	S3		14-Apr-00	28-Dec-01		SP-000421	14/09/00: End date 28/12/01 WI may need to be split to improve on this date. S3#17 15% complete. No progress since S3#17	100 %	08-Nov-02
241	Building Block	32011	Specification for the Le Interface	LCS1-Le	Rel-5	-	S2	TSG	14-Jan-02	15-Mar-02		SP-020180		100 %	24-Jan-02
242	Building Block	32022	CHECK STATUS - Inter-GMLC interface			-	S2		30-May-02	30-Dec-02				0%	30-May-02
243	Feature	50157_1	Rel-5 Security enhancements	SEC1	NA	-	S3	TS G	21-Feb-00	28-Jun-02	Maurice	SP-000421	Added BB UE authentication and rapporteur added. TO BE DELETED	95 %	27-Mar-03
244	Building Block	1576	Network domain security	SEC1-NDS	Rel-5	-	S3	TSG	21-Feb-00	28-Jun-02		SP-000420	S3#17: All due in Rel5. (WI Update at S3#18). Replaced by NDS-IP and NDS-MAP. TO BE DELETED OR MOVED TO HISTORY FILE	94%	15-Jan-03
245	Work Task	1577	Control plane protection in core network (e.g., GTP, CAP, MAP/IP, provided by IPsec)			-	S3		12-May-00	07-Jun-02			TO BE DELETED	80%	08-Nov-02
246	Work Task	1578	Main aspects			-	S3		12-May-00	21-Jun-01			TO BE DELETED	100 %	08-Nov-02
247	Work Task	1579	Integration of GTP signalling security architecture			-	N4		14-Sep-01	07-Jun-02			Waiting for input from SA31...	100 %	30-May-02
248	Work Task	1580	User plane protection in core network (e.g., provided by IPsec)			-	S3		21-Feb-00	28-Jun-02			TO BE DELETED	98%	08-Nov-02
249	Work Task	1581	Main aspects			-	S3		21-Feb-00	21-Jun-01			??	100 %	08-Nov-02
250	Work Task	1582	Integration of GTP signalling security architecture			-	N4		14-Sep-01	28-Jun-02			14/02/2002 requirements are not clear/not received...	95%	28-Feb-02
251	Work Task	2576	IP network layer security (NDS/IP)	SEC1-NDS-IP		-	S3	WG	15-Jun-00	15-Mar-02		SP-010326	TS 33.210 will be presented for info at SA#14 and is scheduled for approval at SA#15. 2002/12: All IPsec RFCs are stable STD Track RFCs. WID updated SA#17	100 %	15-Jan-03
252	Feature	2243	Intra Domain Connection of RAN Nodes to Multiple CN Nodes	IUFLEX	Rel-5	-	S2	TS G	02-Oct-00	28-Jun-02	Alain	SP-000619	No clear indication on the end date. Put to Rel5 by AS.	100 %	24-Jan-02
253	Building Block	2244	Overall System Architecture			-	S2	TSG	03-Jan-01	21-Sep-01				100 %	19-Sep-01
254	Building Block	20000	Stage 3: RAN node selecting CN node			-	R3	TSG	24-Sep-01	22-Mar-02			Not identified	100 %	01-Mar-02
255	Building Block	2248	N1 work			-	N1	TSG	17-Sep-01	28-Jun-02		NP-010693		100 %	26-Sep-02
256	Building Block	2249	N4 work			-	N4	TSG	02-Oct-00	08-Mar-02		NP-000737	DAB 12.12.01 - % complete to 66%...	100 %	25-Mar-02
257	Building Block	50067	GERAN work for Intra Domain Connection of RAN Nodes to Multiple CN Nodes	IDCRAN-GERAN	Rel-5	-	GP		08-Feb-02	28-Jun-02		GP-020492	Accept changes Gb over IP	100 %	26-Sep-02
258	Work Task	51068	Stage 2 (changes to)			-	G1		08-Feb-02	28-Jun-02				100 %	31-Jul-02
259	Work Task	51069	43.051 Introduction of support for IDNNS in GERAN Iu mode			-	G1		08-Feb-02	28-Jun-02				100 %	31-Jul-02
260	Work Task	52070	Stage 3 (changes to)			-	G2		08-Feb-02	28-Jun-02				100 %	31-Jul-02
261	Work Task	52077	48.016 Use of Gb interface concepts when a network applies IDNNS			-	G2		08-Feb-02	28-Jun-02			Closed, accept changes for Gb over IP	100 %	31-Jul-02
262	Work Task	52078	48.018 Include MSC/VLR identity in CS IMSI paging			-	G2		08-Feb-02	28-Jun-02				100 %	31-Jul-02

Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	Split	WG	Appl	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
263	Feature	2320	GERAN improvements 3 (new transport layer on interface A)	GEIMP3	Rel-5	-	GP	TS G	06-Apr-01	20-Dec-02	Paolo	GP-010909	TERMINATED - NOT STANDARDIZED	0%	13-Jan-03
264	Building Block	2321	Evolution of the transport for A	GEIMP3-EtA		-	GP	TSG	06-Apr-01	20-Dec-02	Paolo	GP-010910	TERMINATED - NOT STANDARDIZED	0%	13-Jan-03
265	Work Task	2322	Definition of a new A/Ater interface Transport Layer option based on the lu Interface Transport Layer			-	GP	TSG	06-Apr-01	20-Dec-02			TERMINATED - NOT STANDARDIZED	0%	13-Jan-03
266	Work Task	2323	Adaptation of the Layer 3 BSSMAP procedures as required			-	GP	TSG	06-Apr-01	20-Dec-02			TERMINATED - NOT STANDARDIZED	0%	13-Jan-03
267	Feature	50114 2	Rel-5 Charging and OAM&P	OAM	NA	-	S5	TS G	10-Sep-01	12-Sep-02	Adrian	SP-010461		100%	21-Jun-02
268	Building Block	35002	Rel5 Principles, high level Requirements and Architecture	OAM-AR/PR	Rel-5	-	S5	TSG	17-Sep-01	28-Jun-02		SP-010461		100%	21-Jun-02
269	Building Block	35003	Rel5 Performance Management	OAM-PM	Rel-5	-	S5	TSG	17-Sep-01	12-Sep-02		SP-010631		100%	08-Nov-02
270	Building Block	35004	Rel5 Charging Management	OAM-CH	Rel-5	-	S5	TSG	10-Sep-01	12-Sep-02		SP-010631		100%	08-Nov-02
271	Building Block	35001	Rel5 Network Infrastructure Management	OAM-NIM	Rel-5	-	S5	TSG	21-Sep-01	12-Sep-02		SP-010461		100%	08-Nov-02
272	Feature	2392	GERAN enhancements for streaming services 1 (RLC enhancements)		Rel-5	-	GP		06-Nov-00	28-Jun-02	Paolo	GP-010429		100%	31-Jul-02
273	Building Block	2394	Concept			-	GP		06-Nov-00	31-Oct-01				100%	31-Jul-02
274	Building Block	2395	RLC protocol enhancement (SDU Discard)			-	GP		06-Nov-00	28-Jun-02				100%	31-Jul-02
275	Feature	2396	GERAN enhancements for streaming services 2 (usage of ECSD)		Rel-5	-	GP		06-Nov-00	28-Jun-02	Paolo	GP-010430	AWS, Nokia, Ericsson, Nortel, Siemens, Motorola, Vodafone	83%	31-Jul-02
276	Building Block	2398	Usage of ECSD Concept			-	GP		06-Nov-00	19-Apr-02				100%	31-Jul-02
277	Building Block	2399	Stage 2			-	GP		06-Nov-00	19-Apr-02				100%	31-Jul-02
278	Building Block	2400	Stage 3			-	GP		06-Nov-00	28-Jun-02				100%	31-Jul-02
279	Building Block	2401	RLC PDU formats			-	GP		06-Nov-00	28-Jun-02				100%	31-Jul-02
280	Building Block	2402	MAC header			-	GP		06-Nov-00	28-Jun-02				100%	31-Jul-02
281	Feature	2412	GERAN/UTRAN interface evolution 1 (evolution of lu PS)	GERUEV1	Rel-5	-	GP	R3	01-Sep-00	28-Jun-02	Paolo	GP-010481	SBC, Motorola, Nokia, Ericsson, Nortel	100%	31-Jul-02
282	Building Block	2413	Evolution of lu ps	GERUEV1-luPS		-	GP	R3	01-Sep-00	28-Jun-02				100%	31-Jul-02
283	Work Task	2414	Identification of GERAN requirements on lu ps			-	GP	R3	01-Sep-00	30-Nov-01				100%	21-May-02
284	Work Task	2415	Update of specifications			-	GP	R3	03-Dec-01	28-Jun-02				100%	31-Jul-02
285	Feature	2416	GERAN/UTRAN interface evolution 2 (evolution of lu CS)	GERUEV2	Rel-5	-	GP	R3	01-Sep-00	28-Jun-02	Paolo	GP-010417		100%	31-Jul-02
286	Building Block	2417	Evolution of lu cs	GERUEV2-luCS		-	GP	R3	01-Sep-00	28-Jun-02	Paolo	GP-000430	Lucent, Ericsson, AWS, Nortel	100%	31-Jul-02
287	Work Task	2418	Identification of GERAN requirements on lu cs			-	GP	R3	01-Sep-00	19-Apr-02				100%	31-Jul-02
288	Work Task	2419	Update of specifications			-	GP	R3	01-Sep-00	28-Jun-02				100%	31-Jul-02
289	Feature	2556	End to End QoS for PS Domain including IMS	E2EQoS	Rel-5	-	S2	TS G	28-Aug-00	28-Jun-02	Alain	SP-010343		97%	25-Jul-03
290	Building Block	2557	E2E QoSConcept and Architecture			-	S2	TSG	03-Jan-01	07-Sep-01				100%	24-Nov-01
291	Building Block	2558	E2E QoS interworking	E2EQoS-IW		-	N3	WG	28-Aug-00	07-Jun-02		NP-010528	[DAB - 30/07/02] - % complete to 95% (if we exclude Diffserv)	95%	26-Sep-02
292	Building Block	2559	QoS Management (Provisioning and Monitoring)	E2EQoS-OAM	Rel-5	-	S5	TSG	21-Sep-01	28-Jun-02		SP-010461		100%	08-Nov-02
293	Feature	2569	Messaging enhancements Rel-5	MESS5	Rel-5	-	T2	TS G	15-Jun-01	31-Mar-03	Friedhelm		support of UAProf, so this in my opinion is 100% complete	67%	13-Mar-01
294	Building Block	2571	Multimedia Messaging (MMS) enhancements	MESS5-MMS		-	T2	TSG	15-Jun-01	31-Mar-03		TP-010130		62%	27-Mar-03
295	Work Task	31000	Definition of service requirements	MESS5-SR	Rel-5	-	S1		15-Jun-01	15-Mar-02				100%	25-Jul-03
296	Work Task	42000	Technical realization			-	T2		15-Jun-01	07-Jun-02			stage 3 MM7 is missing	100%	27-Mar-03
297	Work Task	42008	WAP Forum dependency: MM1 stage 3			-	T2		15-Jun-01	31-Mar-03				80%	27-Mar-03
298	Work Task	34018	MMS formats and codecs			-	S4		03-Dec-01	15-Mar-02				100%	28-Feb-02
299	Building Block	2572	Enhanced Messaging Service (EMS) enhancements	MESS5-EMS		-	T2	TSG	15-Jun-01	08-Mar-02		TP-010153		58%	27-Mar-03
300	Work Task	31001	Definition of service requirements			-	S1		15-Jun-01	14-Sep-01				100%	28-Feb-02
301	Work Task	42001	Technical realization			-	T2		15-Jun-01	08-Mar-02				100%	28-Feb-02
302	Feature	50001	GERAN Inter BSC NACC improvements over the Gb Interface	GERNACC	Rel-5	-	GP		03-Sep-01	28-Jun-02	Paolo	GP-012313		100%	31-Jul-02
303	Building Block	14501	Modification of core network protocols for GERAN Inter BSC NACC over Gb Interface	GERNACC-Cnmod		-	N4; S2		03-Sep-01	19-Apr-02		GP-011877		100%	31-Jul-02
304	Work Task	32502	Stage 2 - Concept			-	N4; S2		03-Sep-01	31-Oct-01				100%	31-Jul-02
305	Work Task	14502	Stage 2 - 23,060 change - Definition of Inter BSC NACC			-	N4; S2		03-Sep-01	19-Apr-02				100%	31-Jul-02
306	Work Task	14503	Stage 3 (changes to TS 29.060)			-	N4		03-Sep-01	08-Mar-02			IP 30/11/01: Input awaited from GERAN2 to CN4...	100%	31-Jul-02
307	Building Block	50002	Modification of Gb protocols for GERAN Inter BSC NACC over Gb Interface	GERNACC-Gbmod		-	GP		30-Nov-01	28-Jun-02		GP-012314		100%	31-Jul-02
308	Work Task	50003	Stage 3 (changes to TS 48.018)			-	GP		30-Nov-01	28-Jun-02				100%	31-Jul-02
309	Feature	50033	Enhanced Power Control	EPC	Rel-5	-	GP		26-Nov-01	19-Dec-03		GP-012748		0%	13-Feb-03
310	Building Block	50034	Realization of Enhanced power control and signaling support			-	GP		26-Nov-01	30-Nov-01		GP-012749	Ready	100%	13-Feb-03
311	Building Block	50035	GERAN MS Conformance test for Enhanced Power Control			-	GP		10-Dec-01	19-Dec-03		GP-012750	Not started	0%	13-Feb-03
312	Building Block	50036	GERAN BTS Conformance test for Enhanced Power Control			-	GP		10-Dec-01	19-Dec-03		GP-012751	Not started	0%	13-Feb-03
313	Feature	50037	8PSK AMR HR	8PSK-AH	Rel-5	-	GP		10-Dec-01	19-Dec-03	Paolo	GP-012752	Completed for Rel-5	74%	13-Jan-03
314	Building Block	50038	Definition of channel coding, performance requirements and signaling support			-	GP		10-Dec-01	28-Jun-02		GP-012753		100%	31-Jul-02

Extracted from 3GPP Work Plan (Excel Version): Rel-5 Work Plan - Version 2003 July 25th

Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	Split	WG	Appl	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
315	Work Task	50061	Concept			-	GP		10-Dec-01	28-Jun-02				100 %	31-Jul-02
316	Work Task	52004	Changes to 44.018			-	G2		10-Dec-01	28-Jun-02				100 %	31-Jul-02
317	Work Task	51025	Changes to 45.001			-	G1		10-Dec-01	28-Jun-02				100 %	31-Jul-02
318	Work Task	51026	Changes to 45.002			-	G1		10-Dec-01	28-Jun-02				100 %	31-Jul-02
319	Work Task	51027	Changes to 45.003			-	G1		10-Dec-01	28-Jun-02				100 %	31-Jul-02
320	Work Task	51028	Changes to 45.005			-	G1		10-Dec-01	28-Jun-02				100 %	31-Jul-02
321	Work Task	52005	Changes to 24.008			-	G2		10-Dec-01	28-Jun-02				100 %	31-Jul-02
322	Work Task	52006	Changes to 48.058			-	G2		10-Dec-01	28-Jun-02				100 %	31-Jul-02
323	Building Block	50039	GERAN MS Conformance test for 8PSK HR			-	GP		10-Dec-01	19-Dec-03		GP-012754		0%	13-Feb-03
324	Building Block	50040	GERAN BTS Conformance test for 8PSK HR			-	GP		10-Dec-01	20-Dec-02		GP-012755		100 %	13-Jan-03
325	Feature	13000	Service Change and UDI Fallback	SCUDIF	Rel-5	-	N3	WG	08-Oct-01	07-Jun-02	David	NP-020164	[DAB - 23/05/03] - 100 % complete some issues with CAMEL	100 %	25-Jul-03
326	Feature	501800	Rel-5 USIM toolkit enhancements	USAT1	NA	-	T3		05-Jun-00	26-Sep-03	Claus	not needed		56 %	13-Jan-03
327	Building Block	43002	Test specification for USIM toolkit security mechanisms			-	T3		28-May-02	26-Sep-03		TP-020028		0%	13-Jan-03
328	Building Block	1801	Protocol Standardisation of a SIM Toolkit Interpreter	USAT1-Interpr	Rel-5	-	T3	TSG	05-Jun-00	22-Jan-03		TP-000116	28/5/2001: T3-19 proposed that since the stage 2 and 3 will not be presented to TP-12 for approval as expected, the WI will be moved to rel-5, with completion expected at TP-13.	64%	28-May-01
329	Work Task	2497	Stage 1			-	T3	TSG	05-Jun-00	16-Mar-01			5/10/2001: Stage one completed at TP-12.	100 %	05-Oct-01
330	Work Task	2496	Stage 2 and 3			-	T3	TSG	03-Jan-01	08-Mar-02			5/10/2001: TS 31.112 and 31.113 approved at TP-13. TS 31.114 to be presented to TP-14.	100 %	04-Jun-02
331	Work Task	2518	Test specification			-	T3	TSG	03-Sep-01	22-Jan-03		TP-010111	5/10/2001: Work started on test specification	12%	04-Jun-02
332	Building Block	501802	(U)SIM API	USAT1-API	NA	-	T3		20-Mar-02	20-Sep-02			8/3/2001: test spec is based on R99 core spec, so deleted from Workplan	100 %	26-Sep-02
333	Work Task	5043001	Java API Test specification			-	T3		20-Mar-02	20-Sep-02		TP-020029		100 %	26-Sep-02
334	Feature	30001	small Technical Enhancements and Improvements for Rel5	TEI5	Rel-5	-	GeneriC	TS G	25-Dec-00	22-Mar-02			"Joker" WI, to be used for a Rel 5 CR not related to any feature and with very limited impact on the system	100 %	01-Apr-00
335	Feature	31013	Technical Report on UE Functionality Split (Work stopped)	UESPLIT	Rel-5	-	S1	TS G	03-Jan-00	01-May-00	Michael	SP-010484		0%	25-Jul-03
336	Feature	2520	User Equipment Management	UEM	NA	-	S5	TS G	21-Jun-01	28-Jun-02	Adrian	SP-010286	az: Rel-5->NA (to cover also Rel-6)	100 %	21-Jun-02
337	Building Block	35000	FS on User Equipment (UE) Management	OAM-UEM	Rel-5	-	S5	TSG	21-Jun-01	28-Jun-02	Adrian	SP-010286		100 %	21-Jun-02
338	Feature	50101	Flow control supporting an MS with multiple data flows with different QoS over the Gb interface	FlowCon	Rel-5	-	GP	TS G	24-Jun-02	30-Aug-02		GP-021767		100 %	26-Sep-02
339	Building Block	50102	Update of stage 2 specifications			-	GP	TSG	24-Jun-02	30-Aug-02				100 %	26-Sep-02
340	Work Task	32097	Concept document 23.060 (changes to)			-	S2		28-Jun-02	30-Aug-02				100 %	26-Sep-02
341	Work Task	50103	Flow Control			-	GP		24-Jun-02	28-Jun-02				100 %	26-Sep-02
342	Building Block	50104	Modification of BSSGP protocol			-	GP	TSG	24-Jun-02	28-Jun-02		GP-021508		100 %	26-Sep-02
343	Work Task	52095	Stage 3 (changes to 48.018)			-	G2		24-Jun-02	28-Jun-02				100 %	26-Sep-02
344	Feature	50058	Multiple TBF in A/Gb mode	MULTBF	Rel-5	-	GP	TS G	19-Apr-02	28-Nov-03		GP-021263		16 %	13-Feb-03
345	Building Block	50059	Multiple TBF in A/Gb mode	MULTBF-Agbmode		-	GP		19-Apr-02	22-Aug-03		GP-021263	Started	26%	13-Feb-03
346	Work Task	50060	Multiple TBF Concept paper			-	GP		19-Apr-02	22-Aug-03				50%	13-Feb-03
347	Work Task	51001	Multiple TBF Stage 2 (43.064) CRs			-	G1		19-Apr-02	22-Nov-02				0%	26-Sep-02
348	Work Task	50062	Multiple TBF Stage 3 (44.060) CRs			-	G2		19-Apr-02	22-Nov-02				0%	26-Sep-02
349	Building Block	50106	Multiple TBF in A/Gb mode - MS testing			-	GP		24-Jun-02	28-Nov-03		GP-022098		0%	13-Feb-03
350	Work Task	54101	MS conformance tests			-	G4		24-Jun-02	28-Nov-03			Not started	0%	13-Feb-03
351	Feature	2345	Alignment of 3G functional split and lu	GER3GAL	Rel-5	-	GP	TS G	08-Jun-00	19-Dec-03	Paolo	GP-021256	AWS, Nokia, Ericsson, Nortel, Siemens, Vodafone	76 %	26-Sep-02
352	Building Block	2346	GERAN user / control plane	GER3GAL-GUCOPL		-	GP	TSG	07-Aug-00	30-Aug-02	Paolo	GP-021255	AWS, Nokia, Ericsson, Nortel, Siemens, Vodafone	89%	13-Feb-03
353	Work Task	2347	Alignment with UMTS bearer concept			-	GP	TSG	07-Aug-00	30-Aug-02				90%	13-Feb-03
354	Work Task	50300	Enhanced power control			-	GP	TSG	31-Aug-01	31-Aug-01				100 %	12-Sep-01
355	Work Task	2423	Stage 2			-	GP	TSG	07-Aug-00	29-Jun-01				100 %	21-May-02
356	Work Task	2348	Adoption of the UTRAN PDCP			-	GP	TSG	06-Nov-00	21-Dec-01			Responsible is GERAN; RAN WG2 help may be needed.	100 %	01-Mar-02
357	Work Task	50043	Development of RLC / MAC			-	GP	TSG	31-Aug-01	30-Aug-02				100 %	13-Jan-03
358	Work Task	50044	Development of GERAN RRC			-	GP	TSG	22-Jun-01	28-Jun-02				100 %	31-Jul-02
359	Work Task	50045	Ciphering and integrity protection concept paper			-	GP	TSG	31-Aug-01	19-Apr-02				100 %	21-May-02
360	Work Task	50046	Multiple TBF or equivalent Concept paper			-	GP	TSG	31-Aug-01	08-Feb-02				100 %	21-May-02
361	Work Task	50047	Paging concept			-	GP	TSG	31-Aug-01	19-Apr-02				100 %	21-May-02
362	Work Task	50048	Dedicated Physical subchannels, includes traffic and control channels			-	GP	TSG	31-Aug-01	30-Nov-01				100 %	21-May-02
363	Work Task	50049	Iu support and broadcast concept			-	GP	TSG	31-Aug-01	19-Apr-02				100 %	21-May-02
364	Work Task	50050	Impact of using RLC instead of LAPDm concept			-	GP	TSG	31-Aug-01	08-Feb-02				100 %	21-May-02
365	Work Task	50051	Contention resolution, mobile station identity, and access concept			-	GP	TSG	31-Aug-01	30-Nov-01				100 %	21-May-02
366	Work Task	50052	PDCP concept			-	GP	TSG	31-Aug-01	19-Apr-02				100 %	21-May-02
367	Work Task	50053	Downlink delayed TBF release			-	GP	TSG	31-Aug-01	30-Aug-02				100 %	26-Sep-02
368	Work Task	50054	Add transparent RLC Concept			-	GP	TSG	31-Aug-01	08-Feb-02				100 %	21-May-02
369	Work Task	50055	Handover concept			-	GP		31-Aug-01	08-Feb-02				100 %	21-May-02

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Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	Split	WG	Appl	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
370	Work Task	2424	Physical layer alignment with UMTS bearer concept			-	GP	TSG	06-Nov-00	30-Nov-01				77%	12-Sep-01
371	Work Task	2356	PDTCH/TCH in 45.003			-	GP	TSG	06-Nov-00	08-Jun-01				100%	13-Feb-01
372	Work Task	2357	Control channels in 45.003			-	GP	TSG	06-Nov-00	08-Jun-01				100%	12-Sep-01
373	Work Task	2358	Receiver performance in 45.005 for PDTCH/TCH and control channels			-	GP	TSG	06-Nov-00	30-Nov-01				100%	12-Sep-01
374	Building Block	2359	Iu rg interface	GER3GAL-lurg		-	GP; RP	TSG	06-Nov-00	28-Jun-02	Paolo	GP-010428	AWS, Nokia, Ericsson, Nortel, Siemens, Vodafone	94%	13-Feb-03
375	Work Task	2425	Inter BSS interface			-	GP; RP		06-Nov-00	28-Jun-02				100%	31-Jul-02
376	Work Task	2360	Identification of requirements			-	GP		06-Nov-00	28-Jun-02				100%	08-Nov-02
377	Work Task	2361	Stage 2			-	GP		06-Nov-00	28-Jun-02				100%	08-Nov-02
378	Work Task	2362	Adoption of relevant parts from Iur			-	GP		06-Nov-00	28-Jun-02				100%	08-Nov-02
379	Work Task	2363	Complementation with GERAN specifics			-	GP		06-Nov-00	28-Jun-02				100%	08-Nov-02
380	Work Task	2364	Stage 3			-	GP		06-Nov-00	28-Jun-02				100%	08-Nov-02
381	Work Task	2426	Inter BSS-RNS interface			-	GP; RP		06-Nov-00	28-Jun-02				100%	31-Jul-02
382	Work Task	2365	Identification of requirements			-	GP; R3		06-Nov-00	28-Jun-02				100%	08-Nov-02
383	Work Task	2366	Stage 2			-	GP; R3		06-Nov-00	28-Jun-02				100%	08-Nov-02
384	Work Task	2367	Adoption of relevant parts from Iur			-	GP; R3		06-Nov-00	28-Jun-02				100%	08-Nov-02
385	Work Task	2368	Complementation with GERAN specifics			-	GP; R3		30-Jan-02	28-Jun-02				100%	08-Nov-02
386	Work Task	2369	Stage 3			-	GP; R3		30-Jan-02	28-Jun-02				100%	08-Nov-02
387	Building Block	2370	Voice over GERAN PS and CS concept			-	GP; R3		06-Nov-00	28-Jun-02	Paolo	GP-011252		100%	31-Jul-02
388	Work Task	2371	Architecture for A, Iu cs and Iu ps			-	GP; R3		06-Nov-00	28-Jun-02				100%	08-Nov-02
389	Work Task	2372	Transcoder position/operation			-	GP		06-Nov-00	13-Apr-01				100%	08-Nov-02
390	Work Task	2373	Handover			-	GP; R3		06-Nov-00	28-Jun-02				100%	08-Nov-02
391	Work Task	2374	RTP payload			-	GP; R3		06-Nov-00	28-Jun-02				100%	08-Nov-02
392	Work Task	2375	Codec renegotiation concept			-	GP; R3		06-Nov-00	29-Mar-02				100%	08-Nov-02
393	Work Task	2376	LA			-	GP		06-Nov-00	13-Apr-01				100%	08-Nov-02
394	Building Block	2388	GERAN MS Conformance test for GERAN interface evolution			-	GP		11-Jun-01	19-Dec-03	Paolo	GP-021253	Not started	0%	13-Feb-03
395	Work Task	2389	MS test			-	GP		11-Jun-01	19-Dec-03			Not started	0%	13-Feb-03
396	Building Block	2390	GERAN BSS Conformance test for GERAN interface evolution			-	GP		08-Jun-00	19-Dec-03	Paolo	GP-021254	Not started	0%	13-Feb-03
397	Work Task	2391	BSS test			-	GP		08-Jun-00	19-Dec-03			Not started	0%	13-Feb-03
398	Feature	2330	GERAN support for IMS	GERIMS	Rel-5	-	GP; TS G	TSG	01-May-00	20-Dec-02	Paolo	GP-010420	AWS, Nokia, Ericsson, Nortel, Siemens, Motorola	45%	21-May-02
399	Building Block	2331	GERAN Header adaptation	GERIMS-HEADAPT		-	GP; S2; RP	TSG	01-May-00	20-Dec-02	Paolo	GP-010421	AWS, Nokia, Ericsson, Nortel, Siemens, Motorola	68%	13-Jan-03
400	Work Task	2332	Definition of compression and removal modes for PDCP protocol			-	GP; S2; RP	TSG	01-May-00	10-Nov-00				100%	12-Sep-01
401	Work Task	2333	Conceptual description in stage 2			-	GP; S2; RP	TSG	01-May-00	31-Oct-01				100%	21-May-02
402	Work Task	2334	Necessary changes on stage 3 regarding header removal			-	GP; S2; RP	TSG	06-Nov-00	20-Dec-02				100%	13-Jan-03
403	Building Block	2335	GERAN Radio access bearer design for IMS	GERIMS-RABDES		-	GP; S2; RP	TSG	06-Nov-00	28-Jun-02	Paolo	GP-010422	TERMINATED - NOT STANDARDIZED	40%	13-Jan-03
404	Work Task	2422	MuM control signalling for conversational multimedia services			-	GP; S2; RP	TSG	06-Nov-00	28-Jun-02			TERMINATED - NOT STANDARDIZED	45%	13-Jan-03
405	Work Task	2431	Identification of requirements			-	GP; S2; RP	TSG	06-Nov-00	08-Feb-02			TERMINATED - NOT STANDARDIZED	100%	13-Jan-03
406	Work Task	2337	Necessary modifications due to SIP			-	GP; S2; RP	TSG	06-May-02	28-Jun-02			TERMINATED - NOT STANDARDIZED	0%	13-Jan-03
407	Building Block	2341	GERAN MS Conformance test for support of IMS	GERIMS-MSconf		-	GP	TSG	11-Jun-01	20-Dec-02	Paolo	GP-010424	TERMINATED - NOT STANDARDIZED	0%	13-Jan-03
408	Work Task	2342	MS test			-	G4	TSG	11-Jun-01	20-Dec-02			TERMINATED - NOT STANDARDIZED	0%	13-Jan-03
409	Building Block	2343	GERAN BTS Conformance test for support of IMS	GERIMS-BTSconf		-	GP	TSG	11-Jun-01	20-Dec-02	Paolo	GP-010425	TERMINATED - NOT STANDARDIZED	0%	13-Jan-03
410	Work Task	2344	BTS test			-	G3	TSG	11-Jun-01	20-Dec-02			TERMINATED - NOT STANDARDIZED	0%	13-Jan-03
411	Feature	54001	MS Conformance Testing of Dual Transfer Mode	MSCTDTM	NA	-	G4; G5	TS G	11-Nov-02	07-Feb-03		GP-023236	Needed to complete DTM (R99)	100%	13-Feb-03
412	Feature	32033	Handling of early UEs	LATE_UE	Rel-5	-	S2	TS G	03-Jan-00	27-Jun-03	Alain	SP-030125		99%	15-Jan-03
413	Building Block	32031	Feasibility Study			-	S2	WG	07-Oct-02	13-Dec-02				100%	15-Jan-03
414	Building Block	32032	Stage 2			-	S2	WG	06-Jan-03	27-Jun-03				100%	23-Jul-03
415	Building Block	22001	FS for the Early Mobile Handling in UTRAN	FSEarlyUE	Rel-5	-	R2	TSG	09-Sep-02	06-Jun-03		RAN_Sis		100%	04-Jul-03
416	Building Block	96	Note: Stage 3 RAN part not shown			-			03-Jan-00	03-Jan-00				0%	11-Oct-01

Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	WG	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
6	Feature	1216	Improvements of Radio Interface	RlnImp	Rel-6	RP	14-Aug-00	19-Mar-04	Tsukasa	RAN Wis		50 %	11-Oct-01
7	Building Block	24006	Improving Receiver Performance Requirements for the FDD UE	RlnImp-UERecPerf	Rel-6	R4	8-Mar-02	19-Sep-03				70%	4-Jul-03
8	Building Block	1470	Improvement of inter-frequency and inter-system measurement	RlnImp-IfIsM	Rel-6	R1	1-Jan-01	12-Sep-03		RAN Wis	RP-020389	10%	4-Jul-03
9	Building Block	24004	Base station classification	RlnImp-BSClass	Rel-6	R4	14-Aug-00	4-Dec-02				100 %	13-Feb-03
10	Work Task	1476	FDD Base station classification	RlnImp-BSClass-FDD	Rel-6	R4	14-Aug-00	4-Dec-02		RAN Wis History		100 %	25-Apr-03
11	Building Block	24007	UMTS-850	RlnImp-UMTS850	Rel-6	R4	6-Dec-02	12-Mar-04		RAN Wis		40%	4-Jul-03
12	Building Block	24009	DS-CDMA introduction in the 800 MHz band	RlnImp-UMTS800	Rel-6	R4	14-Mar-03	19-Sep-03		RAN Wis		25%	4-Jul-03
13	Building Block	24010	UMTS 1.7/2.1 GHz	RlnImp-UMTS1721	Rel-6	R4	14-Mar-03	12-Dec-03		RAN Wis		10%	4-Jul-03
14	Building Block	24003	FS for the viable deployment of UTRA in additional and diverse spectrum arrangements	RlnImp-UMTSBands	Rel-6	R4	8-Mar-02	6-Jun-03	Cesar	RAN_Sls		100 %	4-Jul-03
15	Building Block	24005	FS on UE antenna efficiency test methods performance requirements (2)	RlnImp-UEAnTM2	Rel-6	R4	8-Mar-02	6-Sep-02		RAN_Sis History	The RlnImp-UEAnTM FS was re-opened at TSG RAN#15 upon request from WG4	100 %	4-Jul-03
16	Building Block	1506	FS on Radio link performance enhancements	RlnImp-Rlperf	Rel-6	R1	14-Aug-00	19-Mar-04		RAN_Sls	RP-020358	40%	4-Jul-03
17	Building Block	24001	FS on UTRA WideBand Distribution Systems	RlnImp-WDS	Rel-6	R4	12-Mar-01	19-Mar-04		RAN_Sls		40%	4-Jul-03
18	Building Block	21000	FS on Improvement of inter-frequency and inter-system measurements for 1.28 Mcps TDD	RlnImp-IfIsMLCR	Rel-6	R1	14-Dec-01	19-Sep-03		RAN_Sls	RP-020374	55%	4-Jul-03
19	Building Block	21003	FS for the analysis of OFDM for UTRAN enhancements	RlnImp-FSOFDM	Rel-6	R1	10-Jun-02	5-Dec-03		RAN_Sls		35%	4-Jul-03
20	Building Block	21004	FS on Uplink Enhancements for Dedicated Transport Channels	RlnImp-FSUpDTrCh	Rel-6	R1	6-Sep-02	5-Dec-03		RAN_Sls		40%	4-Jul-03
21	Building Block	21005	FS on Analysis on Higher Chip Rates for UTRA TDD evolutions	RlnImp-FSVHCRTD	Rel-6	R1	6-Sep-02	5-Dec-03		RAN_Sls		35%	4-Jul-03
22	Building Block	24011	FS on Low Output Powers for general purpose FDD BSs	RlnImp-FSLOP	Rel-6	R4	13-Jun-03	19-Dec-03		RAN_Sls		10%	4-Jul-03
23	Building Block	21007	FS on Uplink enhancements for UTRA TDD	RlnImp-FSUpEnhTD	Rel-6	R1	6-Jun-03	19-Mar-04		RAN_Sls		0%	4-Jul-03
24	Feature	2468	Multiple Input Multiple Output antennas (MIMO)	RlnImp-MIMO	Rel-6	R1	14-Mar-03	17-Dec-04		RAN Wis		26 %	4-Jul-03
25	Building Block	21006	Multiple Input Multiple Output antennas - Physical layer	RlnImp-MIMO-Phys	Rel-6	R1	14-Mar-03	19-Mar-04		RAN Wis		35%	4-Jul-03
26	Building Block	22003	Multiple Input Multiple Output antennas - Layer 2,3 aspects	RlnImp-MIMO-L23	Rel-6	R2	12-Sep-03	19-Mar-04		RAN Wis		0%	4-Jul-03
27	Building Block	23008	Multiple Input Multiple Output antennas - lub/lur Protocol Aspects	RlnImp-MIMO-lurlub	Rel-6	R3	14-Mar-03	31-Mar-04		RAN Wis		0%	16-Sep-03
28	Building Block	24008	Multiple Input Multiple Output antennas - RF Radio Transmission/Reception, System Performance Requirements and Conformance Testing	RlnImp-MIMO-RF	Rel-6	R4	12-Dec-03	17-Dec-04		RAN Wis		5%	4-Jul-03
29	Feature	9	RAN improvements	RANimp	Rel-6	RP	14-Dec-01	31-Mar-04	Cesar	RAN Wis		43 %	4-Jul-03
30	Building Block	20999	Beamforming Enhancements	RANimp-BFE	Rel-6	R1	14-Dec-01	19-Sep-03		RP-011701	RP-020357	80%	4-Jul-03
31	Building Block	624	RAB support enhancement	RANimp-RABSE	Rel-6	R2	14-Mar-03	31-Mar-04		RAN Wis	This is a building block without particular end date	10%	4-Jul-03
32	Work Task	23009	Iu enhancements for IMS support in RAN	RANimp-IuEnhIMS	Rel-6	R3	14-Mar-03	31-Mar-04		RAN Wis		10%	16-Sep-03
33	Building Block	23005	Improvement of RRM across RNS and RNS/BSS	RANimp-RRM1	Rel-6	R3	25-Mar-02	31-Dec-03		RAN Wis		35%	16-Sep-03
34	Building Block	23006	FS on the evolution of the UTRAN architecture	RANimp-FSEvo	Rel-6	R3	9-Sep-02	31-Dec-03		RAN_Sls		20%	16-Sep-03
35	Building Block	23012	Rel6 RRM optimization for Iur and Iub	RANimp-RRMopt	Rel-6	R3	6-Dec-02	30-Sep-03		RAN Wis		100 %	4-Jul-03
36	Work Task	23007	FS of the improved access to UE measurement data for CRNC to support TDD RRM	RANimp-RRMopt-FSUEmD	Rel-6	R3	6-Dec-02	30-Sep-03		RAN_Sls		100 %	16-Sep-03
37	Building Block	23010	Remote Control of Electrical Tilting Antennas	RANimp-TiltAnt	Rel-6	R3	14-Mar-03	31-Mar-04		RAN Wis		10%	16-Sep-03
38	Building Block	23011	Network Assisted Cell Change (NACC) from UTRAN to GERAN - network-side aspects	RANimp-NACC	Rel-6	R3	13-Jun-03	31-Dec-03		RAN Wis		30%	16-Sep-03
39	Feature	32045	PS domain and IMS impacts for supporting IMS Emergency calls	EMC1	Rel-6	S2	14-Aug-00	30-Apr-04		SP-030124		30 %	28-Mar-03
40	Building Block	1314	Service Requirements for IP-based emergency calls		Rel-6	S1	18-Sep-00	27-Jun-03				90%	4-Jul-03
41	Building Block	32046	Stage 2		Rel-6	S2	26-Feb-03	30-Apr-04				36%	15-Sep-03
42	Building Block	1653	Emergency Call Enhancements for IP& PS Based Calls – stage 3		Rel-6	N1	14-Aug-00	12-Dec-03		NP-030287		9%	4-Jul-03
43	Work Task	1315	SIP emergency calls and packet emergency calls signalling flows		Rel-6	N1	17-Oct-00	12-Dec-03				19%	4-Jul-03
44	Work Task	1646	Stage 3 for emergency calls and packet emergency calls in general		Rel-6	N1	14-Aug-00	12-Dec-03				0%	4-Jul-03
45	Feature	32023	Location Services enhancements 2	LCS2	Rel-6	S2	28-Aug-00	19-Mar-04	Sang-Ui	SP-030127		53 %	28-Mar-03
46	Building Block	32024	Improvement on Le interface		Rel-6	S2	17-Jun-02	23-Dec-03				60%	23-Jul-03
47	Work Task	32051	Stage 2		Rel-6	S2	17-Jun-02	22-Sep-03				82%	23-Jul-03
48	Work Task	32053	Stage 3 in OMA - it impacts Mobile Location Protocol (MLP)		Rel-6	OMA	10-Jul-03	23-Dec-03				0%	23-Jul-03
49	Building Block	32001	Enhanced support for anonymity and user privacy		Rel-6	S2	8-Jul-02	23-Dec-03				67%	24-Jan-02
50	Work Task	32047	Stage 2		Rel-6	S2	8-Jul-02	27-Jun-03				100 %	23-Jul-03
51	Work Task	32054	Stage 3 in OMA (it impacts MLP and RLP)		Rel-6	OMA	10-Jul-03	23-Dec-03				0%	23-Jul-03
52	Building Block	32025	Enhanced inter-GMLC interface		Rel-6	S2	24-Jun-02	12-Sep-03				76%	24-Jan-02
53	Work Task	32048	Stage 2		Rel-6	S2	24-Jun-02	5-Sep-03				86%	23-Jul-03
54	Work Task	32055	Stage 3 in OMA (definition of RLP and PCP)		Rel-6	OMA	2-Sep-02	12-Sep-03				65%	23-Jul-03
55	Building Block	32012	Location Services support for IMS public identities		Rel-6	S2	2-Sep-02	19-Dec-03				39%	26-Sep-02
56	Work Task	32049	Stage 2		Rel-6	S2	24-Feb-03	19-Dec-03				19%	23-Jul-03
57	Work Task	32056	Stage 3 in OMA (impacts MLP, RLP and PCP)		Rel-6	OMA	2-Sep-02	19-Dec-03				51%	23-Jul-03
58	Building Block	32026	New area event for location service triggering reports		Rel-6	S2	3-Jun-02	22-Dec-03				61%	28-Mar-03

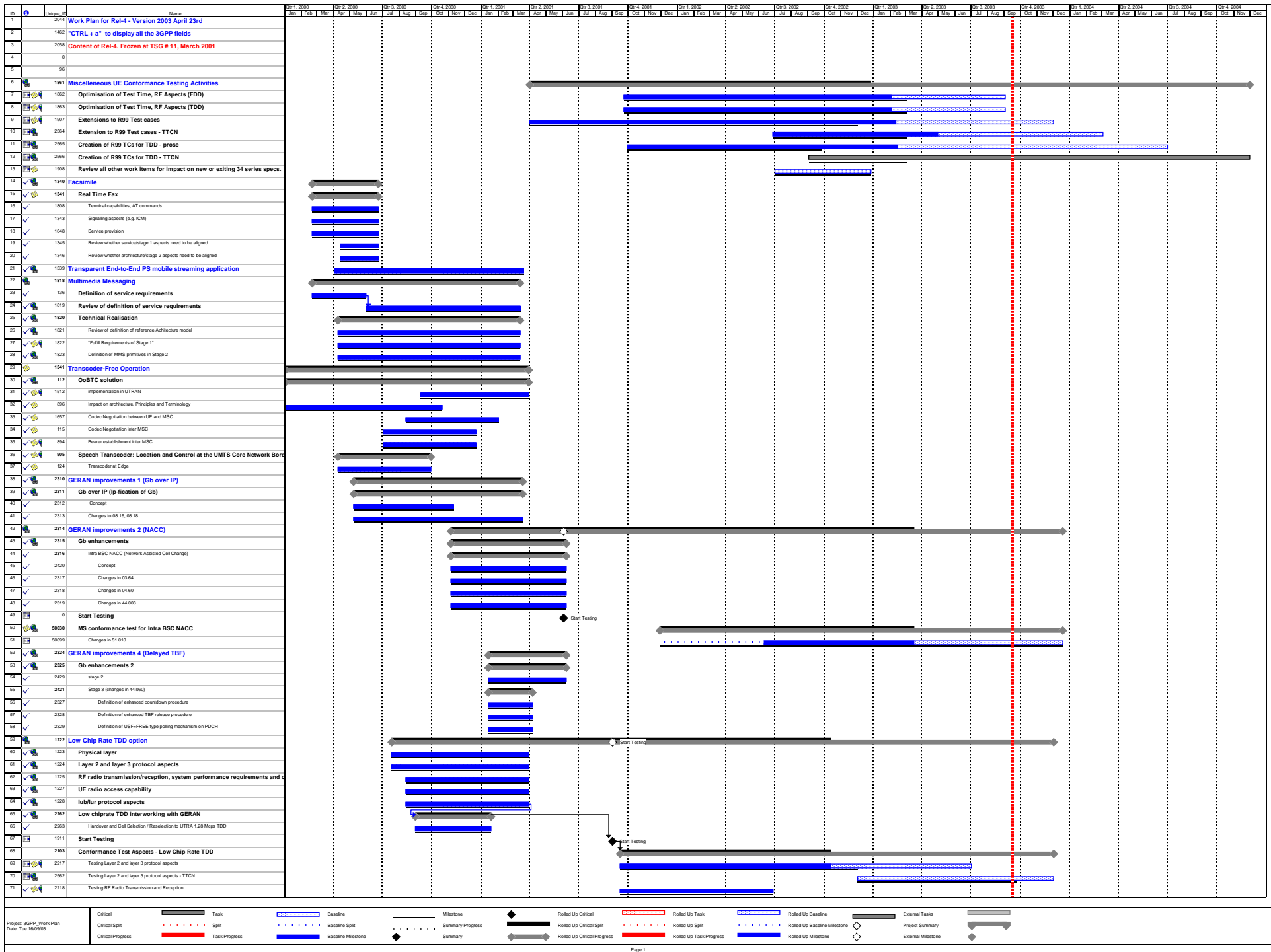
Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	WG	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
59	Work Task	32050	Stage 2		Rel-6	S2	3-Jun-02	27-Jun-03				100 %	23-Jul-03
60	Work Task	14015	Stage 3 for UE-CN signalling		Rel-6	N4	10-Jul-03	22-Dec-03				0%	23-Jul-03
61	Work Task	32057	Stage 3 in OMA (impacts MLP, RLP and PCP)		Rel-6	OMA	14-Jul-03	19-Dec-03				0%	23-Jul-03
62	Building Block	32029	FS on applicability of GALILEO for LCS		Rel-6	S2	8-Jul-02	19-Mar-04		SP-020541		40%	23-Jul-03
63	Work Task	32058	TR on Stage 2		Rel-6	S2	8-Jul-02	19-Mar-04				60%	23-Jul-03
64	Work Task	50095	GERAN review of the TR		Rel-6	GP	25-Aug-03	12-Dec-03				0%	23-Jul-03
65	Building Block	20001	UE positioning	LCS2-UEPos	Rel-6	RP	28-Aug-00	19-Mar-04				45%	4-Jul-03
66	Work Task	2457	UE positioning enhancements - other methods	LCS2-UEPos-erh	Rel-6	R2	28-Aug-00	26-Sep-03		RAN Wis	This is a building block without particular end date	10%	4-Jul-03
67	Work Task	22002	FS on Enhancements to OTDOA Positioning using advanced blanking methods	LCS2-UEPos-FSBlank	Rel-6	R2	1-Jul-02	19-Sep-03		RAN_Sis		50%	4-Jul-03
68	Work Task	2475	Open SMLC-SRNC Interface within the UTRAN to support UTRAN Rel4 positioning methods	LCS-Rel4Pos	Rel-6	R2	15-Jan-01	19-Sep-03		RAN Wis		95%	4-Jul-03
69	Work Task	24012	A-GPS minimum performance specification	LCS-UEPos-AGPSPerf	Rel-6	R4	6-Jun-03	19-Mar-04		RAN Wis		0%	4-Jul-03
70	Feature	50541	Uplink TDMA location determination for GSM/GPRS	UTDOA	Rel-6	GP	15-Nov-02	12-Nov-04	Paolo	GP-030567	Ongoing	20 %	16-Sep-03
71	Building Block	50542	Addition of U-TDOA in the CS domain	UTDOA-CS	Rel-6	GP	15-Nov-02	23-Apr-04		GP-030568		60%	16-Sep-03
72	Building Block	50543	Addition of U-TDOA in the PS domain	UTDOA-PS	Rel-6	GP	15-Nov-02	12-Nov-04		GP-030569	Not started	5 %	16-Sep-03
73	Feature	1571	Security enhancements	SEC1	Rel-6	S3	3-Jan-01	14-Mar-03	Maurice	SP-000421	Added BB UE authentication and rapporteur added.	33 %	10-Dec-01
74	Building Block	2026	Enhanced HE control of security (including positive authentication reporting)		Rel-6	S3	3-Jan-01	14-Mar-03		SP-000421	Added by P-000575 without any dates. 18/10/00: Change of WI title, added hyperlink rapporteur new end date 03/01. New end date and correct Release to be decided S3#18	35%	10-Dec-01
75	Work Task	2027	Stage 2		Rel-6	S3	3-Jan-01	14-Jun-02			New end date and correct Release to be decided S3#18	0%	12-Mar-01
76	Work Task	33006	Network domain security	SEC1-NDS	Rel-6	S3	17-Jun-02	14-Mar-03		SP-000513	WID approved for Rel-6 at SA#17	80%	8-Nov-02
77	Work Task	33007	IP network layer security (NDS/IP)	SEC1-NDS-IP	Rel-6	S3	17-Jun-02	14-Mar-03			Should be complete after SA3#27	80%	15-Jan-03
78	Feature	32021	IMS Phase 2	IMS2	Rel-6	S1	28-Aug-00	31-Dec-03	Sang-Ui		Not yet available: verbally approved at SA15, actual WID to be provided at SA16 by Lucent	47 %	15-Jan-03
79	Building Block	32027	Stage 2 of IMS Phase 2		Rel-6	S2	2-Sep-02	19-Sep-03		SP-020544		80%	23-Jul-03
80	Building Block	14014	Enhancements to the Cx and Sh interfaces	IMS2-CCR	Rel-6	N4	6-Jun-03	12-Dec-03		NP-030229	29./05/2003 CN4: New WID presented for approval at CN#20	10%	9-Jun-03
81	Building Block	31025	IMS Group Management	IMSGM	Rel-6	S1	14-Mar-02	31-Dec-03		SP-020065	29./05/2003 CN4: New WID presented for approval at CN#20	35%	4-Jul-03
82	Work Task	31026	Stage 1 - TS on IMS group management		Rel-6	S1	14-Mar-02	9-Dec-02			29./05/2003 CN4: New WID presented for approval at CN#20	75%	13-Jan-03
83	Work Task	32036	Stage 2		Rel-6	S2	26-May-03	31-Dec-03			29./05/2003 CN4: New WID presented for approval at CN#20	44%	15-Sep-03
84	Work Task	11036	Stage 3 for IMS Group management (e.g. chat)		Rel-6	N1	13-Dec-02	12-Dec-03		NP-030286	29./05/2003 CN4: New WID presented for approval at CN#20	0%	15-Sep-03
85	Building Block	11037	IMS Conferencing		Rel-6	N1	4-Nov-02	12-Dec-03			29./05/2003 CN4: New WID presented for approval at CN#20	50%	13-Jan-03
86	Work Task	32037	Stage 2		Rel-6	S2	4-Nov-02	30-Sep-03			29./05/2003 CN4: New WID presented for approval at CN#20	82%	15-Sep-03
87	Work Task	32038	Stage 3		Rel-6	N1	13-Dec-02	12-Dec-03		NP-030286	29./05/2003 CN4: New WID presented for approval at CN#20	20%	15-Sep-03
88	Building Block	31022	IMS Messaging	IMSM	Rel-6	S1	14-Mar-02	12-Dec-03		SP-020065	29./05/2003 CN4: New WID presented for approval at CN#20	66%	21-Mar-02
89	Work Task	31023	TR on support of messaging in the IMS	IMSM-TR	Rel-6	S1	14-Mar-02	9-Dec-02			29./05/2003 CN4: New WID presented for approval at CN#20	100 %	14-Mar-03
90	Work Task	31034	Stage 1 22.340	IMSM-TS	Rel-6	S1	11-Nov-02	11-Dec-02			29./05/2003 CN4: New WID presented for approval at CN#20	100 %	4-Jul-03
91	Work Task	31024	CRs to existing 22-series specifications	IMSM-CR	Rel-6	S1	14-Mar-02	17-Mar-03			29./05/2003 CN4: New WID presented for approval at CN#20	75%	13-Jan-03
92	Work Task	31033	CRs to 22.140 & 22.228	IMSM-CR	Rel-6	S1	14-Mar-02	17-Mar-03			29./05/2003 CN4: New WID presented for approval at CN#20	75%	14-Mar-03
93	Work Task	32700	Stage 2		Rel-6	S2	4-Nov-02	26-Sep-03			29./05/2003 CN4: New WID presented for approval at CN#20	79%	23-Jul-03
94	Work Task	11039	Stage 3 for IMS Messaging		Rel-6	N1	13-Dec-02	12-Dec-03		NP-030286	29./05/2003 CN4: New WID presented for approval at CN#20	10%	15-Sep-03
95	Building Block	32005	IMS Local services		Rel-6	S2	1-Jan-01	12-Dec-03			29./05/2003 CN4: New WID presented for approval at CN#20	48%	30-May-02
96	Work Task	32019	Stage 2		Rel-6	S2	1-Jan-01	29-Mar-02			29./05/2003 CN4: New WID presented for approval at CN#20	100 %	9-Apr-02
97	Work Task	11035	Stage 3 for IMS Local services		Rel-6	N1	13-Dec-02	12-Dec-03		NP-030286		0%	15-Sep-03
98	Building Block	11040	Additional SIP Capabilities support not covered by Rel-5		Rel-6	N1	11-Nov-02	12-Dec-03				51%	13-Jan-03
99	Work Task	32041	Stage 2 for add SIP cap (e.g. forking)		Rel-6	S2	11-Nov-02	27-Jun-03				100 %	23-Jul-03
100	Work Task	32042	Stage 3 for Additional SIP Capabilities		Rel-6	N1	13-Dec-02	12-Dec-03		NP-030286		20%	15-Sep-03
101	Building Block	11041	Review additional SIP Capabilities against IMS		Rel-6	N1	13-Dec-02	12-Dec-03		NP-030286		0%	15-Sep-03
102	Building Block	2048	Interworking between IMS and IP networks	IMS-CCR-IWIP	Rel-6	N3	28-Aug-00	12-Dec-03		NP-020091	[DAB 14.02.02] - end date pushed back to March 2003	48%	13-Jan-03
103	Work Task	13004	Interworking for 3GPP_SIP and IETF_SIP		Rel-6	N3	28-Aug-00	13-Jun-03			[DAB - 20.08.03] - CN Part of TR Complete @ CN#20	100 %	15-Sep-03
104	Work Task	13005	Interworking for IPv6 to IPv4		Rel-6	N3	28-Aug-00	12-Dec-03				20%	15-Sep-03
105	Building Block	13011	Mn interface (CSCF to external IP multimedia network) -- NOT CN3		Rel-6	N1	14-Mar-01	12-Dec-03			[DAB - 23.05.03] - IS NOT THE RESPO OF CN3	23%	4-Jul-03
106	Work Task	11017	CN1 part		Rel-6	N1	14-Mar-01	12-Dec-03				38%	4-Jul-03
107	Building Block	2047	Interworking between IMS and CS networks	IMS-CCR-IWCS	Rel-6	N3	28-Aug-00	19-Sep-03		NP-030292	[DAB - 23.05.03] - Remove ITU dependencies	79%	15-Sep-03
108	Building Block	14001	Mn interface (IM-MGW to MGCF) enhancements	IMS-CCR-Mn	Rel-6	N4	2-Sep-02	12-Dec-03		NP-030115	17th May 2002, CN4; Will be handled in Rel-6...	60%	27-Mar-03
109	Building Block	14012	Mp (MRFC - MRFP) interface protocol definitions	IMS-CCR-Mp	Rel-6	N4	7-Oct-02	12-Dec-03		NP-020601	27/11/2002 KK: WID approved at CN#18 (NP-020601)...	10%	9-Jun-03
110	Building Block	31036	Study of subscriber and operators relationship in IMS and related ISIM requirements for Rel 6"		Rel-6	S1	15-Nov-02	12-Dec-02				100 %	4-Jul-03
111	Building Block	33012	Lawful Interception in the 3GPP Rel-6 architecture	SEC1-LI	Rel-6	S3	9-Dec-02	18-Dec-03		SP-030106		10%	27-Mar-03
112	Building Block	31042	IMS Subscription and access scenarios		Rel-6	S1	16-Dec-02	13-Jun-03				58%	28-Mar-03
113	Feature	11032	Interoperability and Commonality between IMS using different "IP-connectivity Networks"	IMSCOOP	Rel-6	S2	16-Sep-02	12-Dec-03	Sang-Ui			42 %	4-Jul-03
114	Building Block	32028	Stage 2 for Interoperability		Rel-6	S2	16-Sep-02	19-Sep-03		SP-020543		79%	15-Sep-03
115	Building Block	32061	Stage 2 for commonality		Rel-6	S2	16-Sep-02	19-Sep-03		SP-020543		100 %	15-Sep-03
116	Building Block	11033	Stage 3		Rel-6	N1	14-Oct-02	12-Dec-03		NP-020572		0%	4-Jul-03

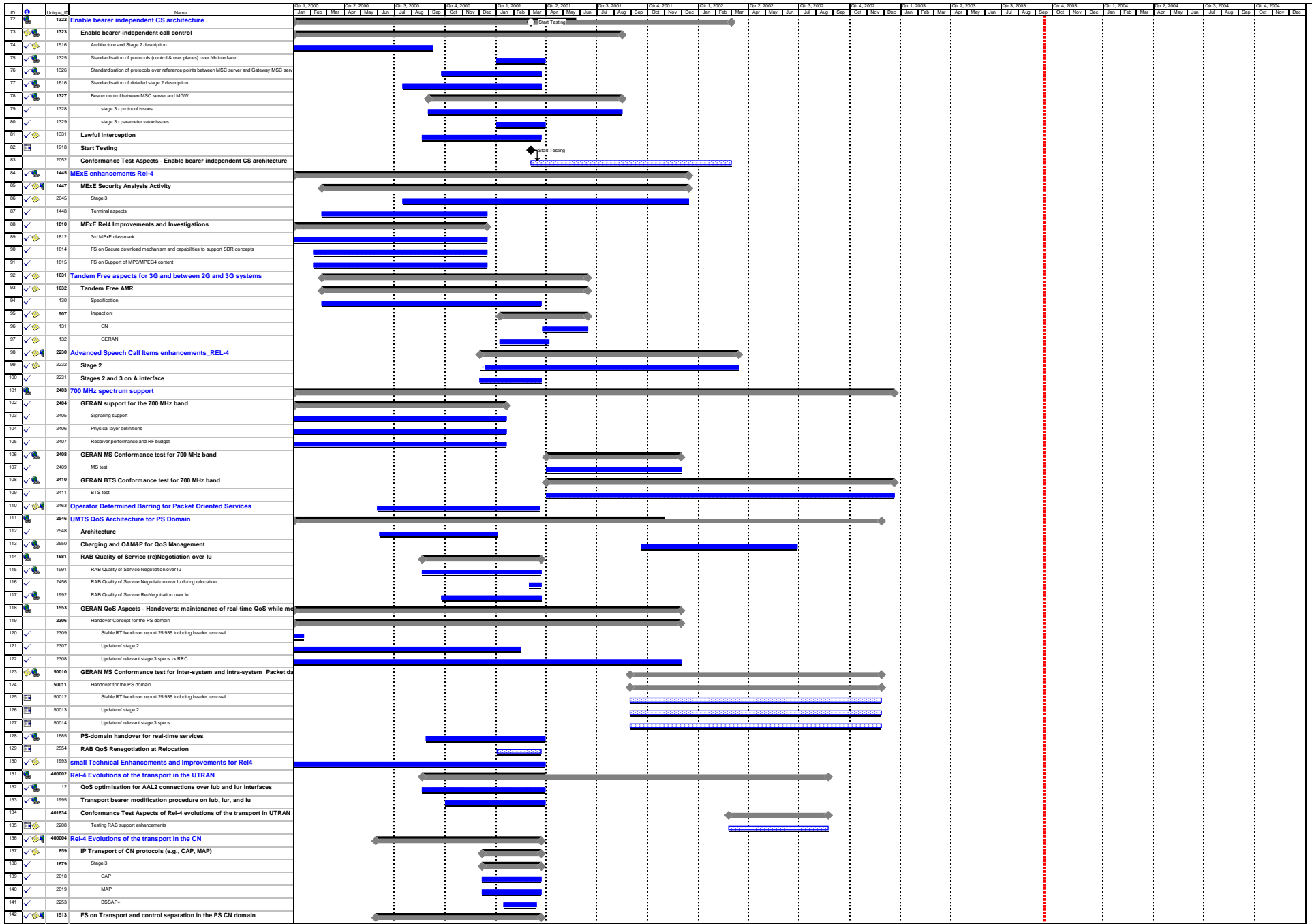
Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	WG	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
117	Feature	1365	Support of Push Services	PUSH	Rel-6	S1	3-Jan-01	26-Dec-03	Sang-Ui	SP-000669	AS: Changed from FS to actual support of Push	48 %	28-Feb-02
118	Building Block	31004	Stage 1		Rel-6	S1	3-Jan-01	14-Jun-02				100 %	4-Jul-03
119	Building Block	32000	TR on feasibility study		Rel-6	S2	3-Jan-01	7-Sep-01			Stage 2 on hold, waiting for requirements.	100 %	24-Nov-01
120	Building Block	32701	TR 23.976 on Push Architecture		Rel-6	S2	11-Nov-02	26-Dec-03		SP-030126		58%	23-Jul-03
121	Feature	42009	Multimedia Messaging (MMS) enhancements	MMS6	Rel-6	T2	15-Aug-02	10-Mar-04	Friedhelm	TP-030116		32 %	26-Sep-02
122	Building Block	42010	Definition of service requirements	MMS6-SR	Rel-6	S1	15-Nov-02	20-Dec-03				75%	4-Jul-03
123	Work Task	31031	Definition of service requirements charging		Rel-6	S1	15-Nov-02	20-Dec-03				75%	4-Jul-03
124	Building Block	42011	Technical realization		Rel-6	T2	15-Aug-02	10-Dec-03				20%	9-Jun-03
125	Building Block	42012	OMA dependencies		Rel-6	T2	15-Aug-02	10-Mar-04				0%	27-Mar-03
126	Building Block	42013	MMS formats and codecs		Rel-6	S4	15-Aug-02	18-Dec-03	Paolo			20%	4-Jul-03
127	Feature	42005	Rel-6 MExE enhancements	MEXE6	Rel-6	T2	8-Mar-02	6-Jun-03	Friedhelm			100 %	21-Mar-02
128	Building Block	42006	MExE Rel-6 Improvements and Investigations	MEXE6-ENHANC	Rel-6	T2	8-Mar-02	12-Mar-03		TP-020017		100 %	27-Mar-03
129	Building Block	42007	MExE Run-Time Independent Framework Feasibility Study	MEXE6-RTIF	Rel-6	T2	8-Mar-02	6-Jun-03		TP-020086		100 %	13-Jan-03
130	Feature	2062	Subscription Management	SM	Rel-6	S5	29-Dec-00	19-Mar-04	Adrian	SP-020448	az: TSG appr. 9/03=>3/04. New TSs 32.171/2. Changed Rapp: Michael Eder (Nokia)=> Istvan ABA (T-Mobile Austria).	60 %	25-Jul-03
131	Feature	2499	Support of Presence Capability	PRESNC	Rel-6	S1	19-Mar-01	19-Dec-03	Michael	SP-010064	A Sultan merged "Presence Service Enhancements" (UID31028, PRES1) to this feature as no answer was provided on why Presence and Presence Enmnts had same target completion date	72 %	28-Feb-02
132	Building Block	2501	Stage 1		Rel-6	S1	19-Mar-01	18-Jul-03				95%	14-Mar-03
133	Building Block	2502	Stage 2		Rel-6	S2	12-Sep-01	20-Sep-02		SP-010517		100 %	15-Jan-03
134	Building Block	2503	Stage 3		Rel-6	N1	1-Apr-02	19-Dec-03		NP-030302		65%	4-Jul-03
135	Building Block	34025	Media Codecs and Formats for IMS Messaging and Presence	COFIMP	Rel-6	S4	12-Jun-03	18-Dec-03	Paolo	SP-030212	Also for 31022 IMS Messaging	10%	16-Sep-03
136	Building Block	2504	Security issues		Rel-6	S3	26-Aug-02	12-Dec-02		SP-020514	LSS handled in SA3. WID approved SA#17 Contribution at S3#25 & following e-mail discussion.	20%	8-Nov-02
137	Building Block	2505	USIM issues		Rel-6	T3	4-Mar-02	20-Jun-02				0%	30-Mar-01
138	Feature	50056	Enhanced A/Gb feasibility study	AGbEnFS	Rel-6	GP	30-Aug-02	8-Nov-02	Paolo	GP-022565	Closed	78 %	27-Mar-03
139	Building Block	50057	Feasibility study on A/Gb enhancements	AGbEnFS-FS	Rel-6	G2	30-Aug-02	8-Nov-02				78%	27-Mar-03
140	Work Task	50080	Requirements for the support of conversational services		Rel-6	GP	30-Aug-02	8-Nov-02				100 %	13-Feb-03
141	Work Task	50084	Identification of the different building blocks for the provision of conversational services on the existing A/Gb protocol stack		Rel-6	GP	30-Aug-02	8-Nov-02				100 %	13-Feb-03
142	Work Task	50093	Outline of impact and feasibility of these building blocks and their different solutions		Rel-6	GP	30-Aug-02	8-Nov-02				100 %	13-Feb-03
143	Work Task	52081	Identification of the different building blocks for the provision of conversational services on the existing A/Gb protocol stack		Rel-6	G2	30-Aug-02	8-Nov-02				0%	26-Sep-02
144	Work Task	52082	Outline of impact and feasibility of these building blocks and their different solutions		Rel-6	G2	30-Aug-02	8-Nov-02				0%	26-Sep-02
145	Work Task	50081	Impact on 3GPP architecture and requirement to co-ordinate with other TSGs (CN, SA)		Rel-6	GP	30-Aug-02	8-Nov-02				100 %	13-Feb-03
146	Work Task	50082	Standardisation effort		Rel-6	GP	30-Aug-02	8-Nov-02				100 %	13-Feb-03
147	Work Task	50083	Dependency to other features		Rel-6	GP	30-Aug-02	8-Nov-02				100 %	13-Feb-03
148	Feature	50063	Flexible Layer One for GERAN	FLOGGER	Rel-6	GP	3-Jan-00	30-Jan-04	Paolo	GP-021018	Nokia, Ericsson, Siemens, Telia	38 %	16-Sep-03
149	Building Block	50064	Realisation of a Flexible Layer One	FLOGGER-Real	Rel-6	GP	3-Jan-00	21-Nov-03		GP-021019	Started	58%	16-Sep-03
150	Work Task	50065	Technical Report		Rel-6	GP	19-Apr-02	21-Nov-03				65%	16-Sep-03
151	Work Task	51002	Architecture in 45.001 and 43.051		Rel-6	G1	19-Apr-02	21-Nov-03				65%	16-Sep-03
152	Work Task	51003	Multiplexing in 45.002		Rel-6	G1	19-Apr-02	21-Nov-03				65%	16-Sep-03
153	Work Task	51004	Channel Coding in 45.003		Rel-6	G1	19-Apr-02	21-Nov-03				65%	16-Sep-03
154	Work Task	51005	Performance Requirements in 45.005		Rel-6	G1	3-Jan-00	21-Nov-03				65%	16-Sep-03
155	Work Task	51006	Radio subsystem link control in 45.008		Rel-6	G1	19-Apr-02	21-Nov-03				65%	16-Sep-03
156	Work Task	52071	Requirements in 44.004		Rel-6	G2	19-Apr-02	21-Nov-03				65%	16-Sep-03
157	Building Block	52072	Signalling and protocol support for a Flexible Layer One	FLOGGER-SigPro	Rel-6	G2	19-Apr-02	21-Nov-03		GP-021020	Started	30%	16-Sep-03
158	Work Task	52073	Modifications to RLC/MAC in 44.060 and 44.160		Rel-6	G2	19-Apr-02	21-Nov-03				30%	13-Feb-03
159	Work Task	52074	Modifications to RRC in 44.118 and 44.018		Rel-6	G2	19-Apr-02	21-Nov-03				30%	13-Feb-03
160	Building Block	52075	Security for a Flexible Layer One	FLOGGER-SecFLO	Rel-6	S3, G2	19-Apr-02	29-Aug-03		GP-021021	Started	52%	16-Sep-03
161	Work Task	52076	Ciphering in 44.160,44.118, 44.060 and 44.018		Rel-6	S3, G2	19-Apr-02	29-Aug-03				100 %	16-Sep-03
162	Building Block	55077	GERAN MS Conformance test for the Flexible Layer One	FLOGGER-Msconf	Rel-6	G4, G5	22-Nov-02	30-Jan-04		GP-021022	Not started	0%	16-Sep-03
163	Work Task	55078	MS Test in 51.010		Rel-6	G4, G5	22-Nov-02	30-Jan-04				0%	24-Apr-03
164	Building Block	55079	GERAN BTS Conformance test for the Flexible Layer One	FLOGGER-BTSconf	Rel-6	G3	19-Apr-02	30-Jan-04		GP-021023	Not started	0%	16-Sep-03
165	Work Task	53080	BTS Test in 51.021		Rel-6	G3	19-Apr-02	30-Jan-04				0%	24-Apr-03
166	Feature	50041	Uplink TDOA feasibility study	TDOAF	Rel-6	GP	30-Nov-01	28-Jun-02	Paolo	GP-012794		100 %	24-Apr-03
167	Feature	2544	Multimedia Broadcast and Multicast Service	MBMS	Rel-6	S1	11-May-01	19-Mar-04	Michael		Title renamed at SA#13	24 %	24-Nov-01
168	Building Block	2545	Stage 1		Rel-6	S1	11-May-01	1-Apr-02			This may or may not be a separate stage 1. In the meantime, CRs are proposed for 22.101	100 %	4-Jul-03
169	Building Block	32002	Stage 2		Rel-6	S2	24-Sep-01	31-Dec-03		SP-010516		60%	30-May-02
170	Work Task	32702	TR on Architectural Study		Rel-6	S2	24-Sep-01	23-Aug-02				100 %	15-Jan-03

Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	WG	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
171	Work Task	32703	Stage 2 Specification Work		Rel-6	S2	19-Aug-02	31-Dec-03				85%	15-Sep-03
172	Building Block	2481	Introduction of MBMS in RAN	MBMS-RAN	Rel-6	R2	1-Jan-02	19-Mar-04		RAN_Wis		20%	4-Jul-03
173	Building Block	11030	Support of the MBMS in CN protocols		Rel-6	N1	18-Jun-02	12-Dec-03		NP-030288		10%	4-Jul-03
174	Building Block	33008	Security Aspects of Multimedia Broadcast/Multicast Service (MBMS)	MBMS	Rel-6	S3	1-Jul-02	28-Feb-03		SP-020514	WID approved SA#17	20%	8-Nov-02
175	Building Block	50085	Support of MBMS in GERAN	MBMS-GERAN	Rel-6	GP	30-Aug-02	6-Feb-04		GP-022566		14%	24-Apr-03
176	Work Task	50086	Impact on the logical and physical channels		Rel-6	GP	30-Aug-02	6-Feb-04				20%	24-Apr-03
177	Work Task	51085	Simultaneous support of MBMS services		Rel-6	G1	30-Aug-02	27-Jun-03				0%	26-Sep-02
178	Work Task	51086	Simultaneous support of MBMS and non-MBMS services		Rel-6	G1	30-Aug-02	27-Jun-03				0%	26-Sep-02
179	Work Task	52085	Re-synchronisation at cell change		Rel-6	G2	30-Aug-02	27-Jun-03				0%	26-Sep-02
180	Work Task	50087	Decision making process between point-to-point or point-to-multipoint configurations		Rel-6	GP	30-Aug-02	6-Feb-04				20%	24-Apr-03
181	Work Task	50088	MBMS channel allocations procedures to multiple MSs		Rel-6	GP	30-Aug-02	6-Feb-04				20%	24-Apr-03
182	Work Task	50089	Changes to the Gb interface		Rel-6	GP	30-Aug-02	6-Feb-04				20%	24-Apr-03
183	Work Task	50090	GERAN specific changes to the lu-ps interface		Rel-6	GP	30-Aug-02	6-Feb-04				20%	24-Apr-03
184	Work Task	50091	Interaction between MBMS and lu-flex		Rel-6	GP	30-Aug-02	6-Feb-04				20%	24-Apr-03
185	Work Task	50092	Security aspects		Rel-6	GP	30-Aug-02	6-Feb-04				20%	24-Apr-03
186	Work Task	55091	MS conformance tests		Rel-6	G5	30-Aug-02	27-Jun-03				0%	26-Sep-02
187	Feature	31006	Speech Recognition and Speech Enabled Services	SRSES	Rel-6	S1	8-Oct-01	30-Apr-04	Michael	SP-010572		32%	28-Feb-02
188	Building Block	31007	Speech Enabled Services Based on Distributed Speech Recognition (DSR)	DSR	Rel-6	S1	8-Oct-01	15-Mar-02		SP-010581		95%	4-Jul-03
189	Building Block	32999	TR on Architectural impacts		Rel-6	S2	12-May-03	30-Apr-04				25%	15-Sep-03
190	Building Block	11021	SES codec negotiation at SDP		Rel-6	N1	23-Sep-02	4-Jun-03			renamed according to Hannu's indication	0%	13-Jan-03
191	Building Block	34700	Codec Work to Support Speech Recognition Framework for Automated Voice Services	SRSES-Codec	Rel-6	S4	15-Oct-02	26-Sep-03		SP-020687		35%	4-Jul-03
192	Feature	31008	Generic User Profile	GUP	Rel-6	S1	8-Oct-01	12-Dec-03	Michael	SP-020577		41%	28-Mar-03
193	Building Block	31009	Stage 1 - Requirements		Rel-6	S1	8-Oct-01	30-May-03		SP-020163		88%	28-Mar-03
194	Building Block	42002	Stage 2 - Data Description Method		Rel-6	T2	8-Oct-01	10-Dec-03		TP-020275		20%	9-Jun-03
195	Building Block	32008	Stage 2 - Architecture		Rel-6	S2	28-Jan-02	6-Jun-03		SP-020539		100%	23-Jul-03
196	Building Block	42003	Stage 3 - Common objects		Rel-6	T2	8-Oct-01	10-Dec-03		TP-020275		10%	9-Jun-03
197	Building Block	14008	Stage 3 - Network		Rel-6	N4	19-May-03	12-Dec-03			17 May no activity in CN4...	15%	9-Jun-03
198	Building Block	33009	Security Aspects		Rel-6	S3	16-Jul-02	18-Sep-03		SP-030109	WID approved SA#17. SA WG3 progress slow, depends on progress in other groups.	15%	27-Mar-03
199	Feature	31010	Digital Rights Management	DRM	Rel-6	S1	8-Oct-01	21-Mar-03	Michael	SP-010577	Foreseen start and completion dates introduced by MCC (no indication at all on the WID)	49%	11-Oct-01
200	Building Block	31011	Requirements		Rel-6	S1	8-Oct-01	13-Jun-02				100%	4-Jul-03
201	Building Block	31037	Monitoring of Stages 2 and 3 progress (actual work to be done by OMA)		Rel-6	S1	19-Aug-02	21-Mar-03				0%	28-Mar-03
202	Building Block	33001	Security		Rel-6	S3	17-Jun-02	3-Mar-03			SA3 acknowledge role in WI at SA3#20. Active contribution S3#24, S3#25. S3 WID approved SA#17	40%	8-Nov-02
203	Feature	31012	WLAN-UMTS Interworking	WLAN	Rel-6	S1	3-Jan-00	31-Dec-03	Michael	SP-020574		79%	8-Nov-02
204	Building Block	31020	Technical Report	WLAN-TR	Rel-6	S1	3-Jan-00	13-Jun-03		SP-020066		99%	4-Jul-03
205	Building Block	31035	CRs to implement WLAN	WLAN-CR	Rel-6	S1	3-Jan-00	13-Jun-03				85%	4-Jul-03
206	Building Block	32018	Architecture Definition		Rel-6	S2	25-Mar-02	31-Dec-03		SP-020542		86%	15-Sep-03
207	Building Block	32704	Security		Rel-6	S3	30-Sep-02	21-Mar-03		SP-020514	Active contribution S3#24, S3#25. WID approved SA#17	30%	8-Nov-02
208	Building Block	14013	Stage 3 - CN4 aspects	WLAN-IW	Rel-6	N4	23-May-03	12-Dec-03		NP-030116	WID approved at CN#19...	15%	9-Jun-03
209	Building Block	11042	WLAN interworking- stage 3		Rel-6	N1	23-May-03	12-Dec-03				2%	4-Jul-03
210	Feature	31015	Priority Service	PRIOR	Rel-6	S1	30-May-02	26-Sep-03	Michael			52%	28-Mar-03
211	Building Block	31016	Feasibility Study	PRIOR-FS	Rel-6	S1	14-Jun-02	14-Jun-02	Michael	SP-010523		100%	4-Jul-03
212	Building Block	31017	Stage 1 - Requirements	PRIOR-SR	Rel-6	S1	30-May-02	17-Sep-03	Michael			85%	4-Jul-03
213	Building Block	31041	Priority Multimedia Service		Rel-6	S1	28-Mar-03	26-Sep-03		SP-030039		0%	28-Mar-03
214	Building Block	31043	Priority service implementation guide		Rel-6	S1	28-Mar-03	26-Sep-03				20%	4-Jul-03
215	Feature	31018	Network Sharing	NTShar	Rel-6	S1	20-Jan-03	19-Dec-03	Michael			66%	28-Mar-03
216	Building Block	31019	Technical Report	NTShar-TR	Rel-6	S1	20-Jan-03	19-Dec-03	Michael			99%	4-Jul-03
217	Building Block	31038	Stage 1 - CRs to implement Network Sharing	NTShar-CR	Rel-6	S1	20-Jan-03	19-Dec-03				95%	4-Jul-03
218	Building Block	32044	Stage 2		Rel-6	S2	27-Feb-03	19-Dec-03		SP-030123		43%	15-Sep-03
219	Building Block	11043	Network sharing - stage 3		Rel-6	N1	23-May-03	12-Dec-03				0%	4-Jul-03
220	Feature	32016	QoS Improvements	QoS1	Rel-6	S2	15-Jul-02	19-Dec-03	Sang-Ui	SP-010719		64%	24-Jan-02
221	Building Block	32017	FS on Dynamic Policy control enhancements for end-to-end QoS	QoS1	Rel-6	S2	15-Jul-02	19-Dec-03		SP-020540		75%	15-Sep-03
222	Building Block	32059	Definition of the Gq interface		Rel-6	S2	1-Jul-03	19-Dec-03		SP-030306		30%	15-Sep-03
223	Feature	33002	Support for subscriber certificates	SEC1-SC	Rel-6	S3	25-Feb-02	14-Nov-02	Maurice	SP-010622	Approved at SA#14. This may require BBs from CN1, CN4, SA5 and T3	49%	24-Jan-02
224	Building Block	32705	Stage 1		Rel-6	S3	25-Feb-02	12-Sep-02			Contribution received S3#24, S3#25	40%	8-Nov-02
225	Building Block	32706	Architecture review		Rel-6	S2	14-Oct-02	14-Nov-02				100%	15-Jan-03

Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	WG	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
226	Feature	15010	Rel-6 OSA enhancements	OSA3	Rel-6	S1	27-Feb-02	26-Mar-04	Adrian	NP-030036	NP-030036 Rev WID replaces SP-020573.	38 %	25-Jul-03
227	Building Block	31040	Scope of the Open Service Access Release 6		Rel-6	S1	28-Mar-03	27-Jun-03		SP-030038		90%	4-Jul-03
228	Building Block	15016	User Data Management / User data security management (Stage 1)		Rel-6	S1	27-Feb-02	6-Jan-03				100 %	19-Feb-03
229	Building Block	15022	User Data Management / User data security management (Stage 3)		Rel-6	N5	14-Mar-02	19-Dec-03			N5#24: Completion 60%>0%. Reason: No support from SA2.	0%	15-Sep-03
230	Building Block	15024	Retrieval of Visited Network capabilities		Rel-6	N5	31-Oct-02	19-Dec-03				60%	15-Sep-03
231	Building Block	15025	Access to IP Session information		Rel-6	N5	31-Oct-02	19-Dec-03			N5#24: Completion 60%>0%. Reason: No support from SA2.	0%	15-Sep-03
232	Building Block	15026	Multi Media Messaging function		Rel-6	N5	31-Oct-02	26-Mar-04			N5#24: Completion 60%>50%. Completion 12/03->03/04.	50%	15-Sep-03
233	Building Block	15027	Enhanced user privacy in LCS		Rel-6	N5	31-Oct-02	19-Dec-03			N5#24: Completion 60%>0%. Reason: No contributions. N5 suggests SA1 to remove requirement	0%	15-Sep-03
234	Building Block	15028	Policy management extensions		Rel-6	N5	31-Oct-02	26-Mar-04			N5#24: Completion 60%>40%. Completion 12/03->03/04.	40%	15-Sep-03
235	Building Block	15029	Presence and Availability Management (from the PRESNC WI)		Rel-6	N5	31-Oct-02	26-Mar-04			N5#24: Completion 60%>40%. Completion 12/03->03/04.	40%	15-Sep-03
236	Building Block	15032	OSA interfaces at different levels of abstractions (Parlay X, Web services)		Rel-6	N5	14-Mar-03	26-Mar-04			N5#24: Completion 40%>80%. Completion 12/03->03/04.	80%	15-Sep-03
237	Building Block	15033	Introduction of migration support mechanism		Rel-6	N5	14-Mar-03	19-Dec-03			N5#24: Completion 60%>90%.	90%	15-Sep-03
238	Building Block	15034	User Profile		Rel-6	N5	14-Mar-03	19-Dec-03			N5#24: Completion 60%>0%. Reason: No contributions. N5 suggests SA1 to remove requirement	0%	15-Sep-03
239	Building Block	15035	Network functions for end-user/application interaction support		Rel-6	N5	14-Mar-03	19-Dec-03			N5#24: Completion 60%>0%. Reason: SA1 requirement may disappear	0%	15-Sep-03
240	Building Block	15036	Framework Function for Federation		Rel-6	N5	14-Mar-03	19-Dec-03			N5#24: Completion 60%>90%. N5 believes that current FW supports this requirement without changes.	90%	15-Sep-03
241	Building Block	15037	Enhancements to IP Session Function in OSA for the control and monitor of IP Flows		Rel-6	N5	14-Mar-03	19-Dec-03			N5#24: Completion 60%>0%. Reason: No reply from SA1, SA2	0%	15-Sep-03
242	Feature	50401	Addition of frequency bands to GSM	TAPS	Rel-6	GP	28-Jun-02	21-Nov-03	Paolo	GP-022072		7%	16-Sep-03
243	Building Block	50094	Addition of frequency bands to GSM – Changes to core specs	TAPS-Specs	Rel-6	G1	15-Nov-02	20-Dec-02		GP-022073	Ready	100 %	13-Feb-03
244	Work Task	51102	Changes to core specs		Rel-6	G1	15-Nov-02	20-Dec-02				100 %	13-Feb-03
245	Building Block	54102	Addition of frequency bands to GSM – Changes for conformance tests	TAPS-Conf	Rel-6	G4	28-Jun-02	21-Nov-03		GP-022074	Not started	0%	24-Apr-03
246	Work Task	54103	51.010-1 Add testing		Rel-6	G4	28-Jun-02	21-Nov-03				0%	24-Apr-03
247	Feature	50130	Seamless support of streaming services in A/Gb mode	SSStrea	Rel-6	GP	3-Jan-00	30-Jan-04	Paolo	GP-022561		66 %	16-Sep-03
248	Building Block	51131	Identification of requirements for streaming		Rel-6	G1	27-Jun-03	29-Aug-03		GP-022564	Started	51%	16-Sep-03
249	Work Task	51133	Requirements		Rel-6	G1	27-Jun-03	29-Aug-03				100 %	16-Sep-03
250	Building Block	51132	Performance study of cell change mechanisms		Rel-6	G1	3-Jan-00	29-Aug-03		GP-022562	Started	75%	16-Sep-03
251	Work Task	51134	Performance of NACC		Rel-6	G1	3-Jan-00	29-Aug-03				100 %	16-Sep-03
252	Work Task	51135	Performance of cell change in DTM for the PS domain		Rel-6	G1	3-Jan-00	29-Aug-03				100 %	16-Sep-03
253	Work Task	51136	Handover		Rel-6	G1	3-Jan-00	29-Aug-03				100 %	16-Sep-03
254	Building Block	52131	Reduction of service interruption times and packet loss during mobility procedures		Rel-6	G2	27-Jun-03	21-Nov-03		GP-022563	Started	31%	16-Sep-03
255	Work Task	52133	Optimisations of existing mechanisms/procedures		Rel-6	G2	27-Jun-03	21-Nov-03				39%	16-Sep-03
256	Work Task	52134	Inter-system NACC		Rel-6	G2	27-Jun-03	21-Nov-03				39%	16-Sep-03
257	Work Task	52135	PS Handover (within GERAN and between GERAN and UTRAN)		Rel-6	G2	27-Jun-03	21-Nov-03				39%	16-Sep-03
258	Work Task	52136	Dependency to other features		Rel-6	G2	27-Jun-03	21-Nov-03				39%	16-Sep-03
259	Building Block	54131	MS conformance testing		Rel-6	G4, G5	19-Dec-03	30-Jan-04		GP-023424	Not started	0%	16-Sep-03
260	Work Task	54132	MS conformance tests		Rel-6	G4, G5	19-Dec-03	30-Jan-04				0%	24-Apr-03
261	Building Block	33013	GERAN A/Gb mode security enhancements		Rel-6	S3	26-Sep-02	25-Sep-03		SP-030107	Possible changes to 33.102 or new specification needed.	10%	27-Mar-03
262	Feature	34300	Performance characterisation of default codecs for PS conversational multimedia application	CODCAR	Rel-6	S4	13-Sep-02	26-Sep-03	Paolo	SP-020433		35 %	16-Sep-03
263	Feature	31029	Study of Feature Interactions Requirements	FINTER	Rel-6	S1	8-Nov-02	3-Mar-03	Michael	SP-020578		20 %	14-Mar-03
264	Feature	31030	Study on Privacy Capability	PrivCap	Rel-6	S1	8-Nov-02	3-Mar-03	Michael	SP-020579		15 %	13-Jan-03
265	Feature	35010	OAM&P	OAM	Rel-6	S5	21-May-02	31-Mar-04	Adrian	SP-020445		25 %	25-Jul-03
266	Building Block	35011	Principles, high level Requirements and Architecture	OAM-AR	Rel-6	S5	12-Sep-02	18-Mar-04		SP-020446		45%	25-Jul-03
267	Building Block	35012	Performance Management	OAM-PM	Rel-6	S5	12-Sep-02	18-Mar-04		SP-020499		40%	25-Jul-03
268	Building Block	35013	User Equipment Management	OAM-UEM	Rel-6	S5	21-May-02	18-Mar-04		SP-020447	az: No role for T2. SA5 awaiting progress in OMA. Rapp resigned: John Mudge (Vodafone)	14%	25-Jul-03
269	Work Task	35020	UEM requirements and architecture: Stages 1 and 2		Rel-6	S5	12-Sep-02	18-Mar-04			az: Rapp resigned: John Mudge (Vodafone)	30%	25-Jul-03
270	Work Task	35021	UEM protocol specification; Stage 3		Rel-6	OMA	21-May-02	25-Sep-03			az: No role for T2/T (work to be done in OMA)	0%	25-Jul-03
271	Work Task	33014	Release 6 User Equipment Management: Security aspects	OAM-UEM-SEC	Rel-6	S3	1-Aug-02	25-Sep-03		S3-020432		10%	25-Jul-03
272	Building Block	35014	Network Infrastructure Management	OAM-NIM	Rel-6	S5	12-Sep-02	18-Mar-04		SP-020754		35%	25-Jul-03
273	Building Block	35015	Trace Management	OAM-Trace	Rel-6	S5	6-Jun-03	31-Mar-04		SP-020332		19%	16-Sep-03
274	Work Task	23013	Subscriber and equipment trace support in UTRAN	OAM-Trace-RAN	Rel-6	R3	6-Jun-03	31-Mar-04		RAN_Wis		15%	16-Sep-03
275	Feature	35016	Charging Management	CH	Rel-6	S5	21-Nov-02	18-Mar-04	Adrian	SP-030047		35 %	25-Jul-03
276	Building Block	35017	Charging Management for Bearer level	CH-BC	Rel-6	S5	22-Nov-02	18-Mar-04		SP-030048		25%	25-Jul-03
277	Building Block	35018	Charging Management for the IMS	CH-IC	Rel-6	S5	22-Nov-02	18-Mar-04		SP-030049		25%	25-Jul-03
278	Building Block	35019	Charging Management for the Service domain	CH-SC	Rel-6	S5	22-Nov-02	18-Mar-04		SP-030050		25%	25-Jul-03
279	Building Block	32030	Overall architectural aspects of IP flow based bearer level charging		Rel-6	S2	21-Nov-02	31-Dec-03		SP-020796		70%	15-Sep-03

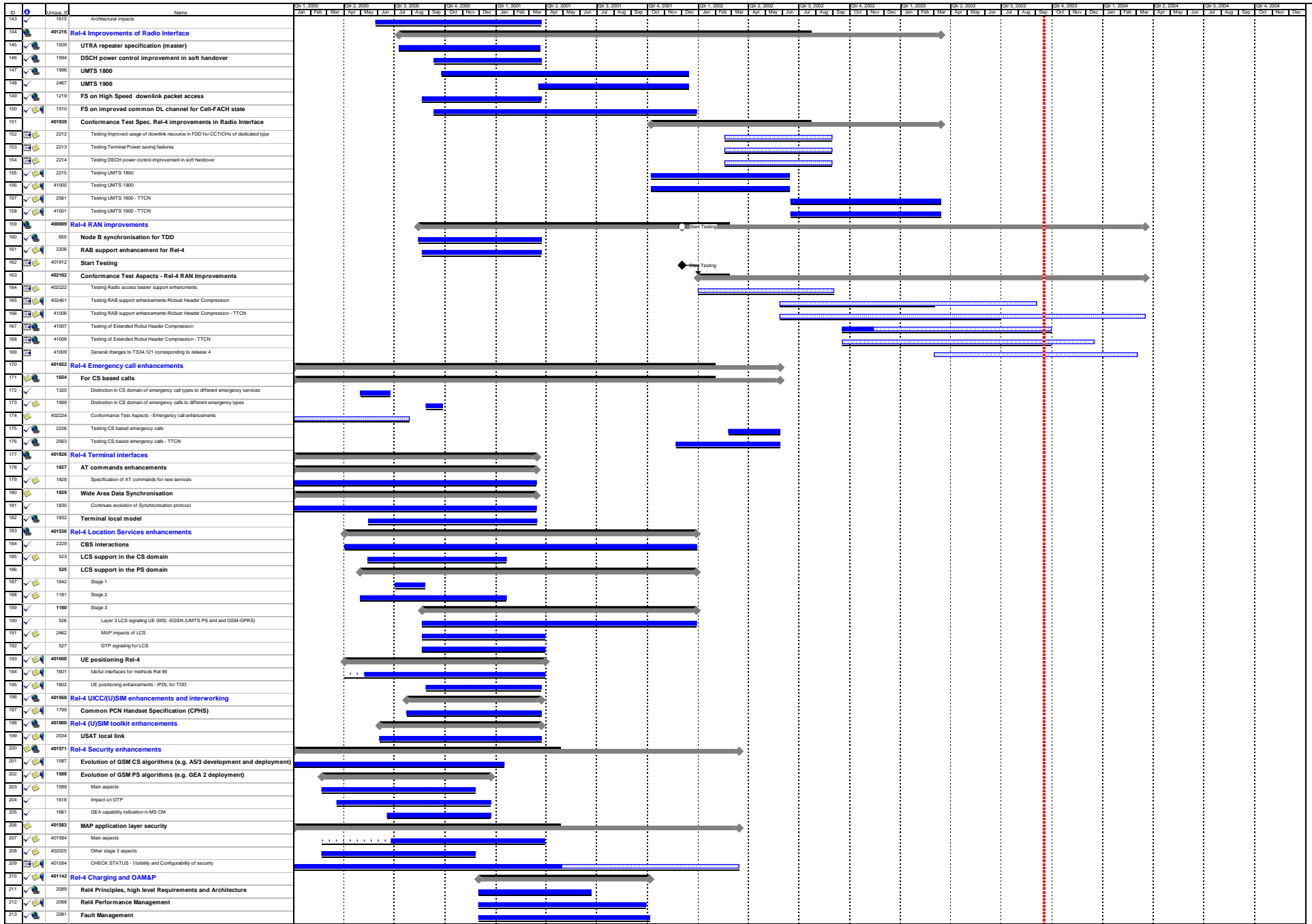
Rec #	WI Type	Unique ID	Task Name	Acronym	Rel	WG	Start	End	MCC Resp	HLink	Notes	% Cplt	Last Mod
280	Feature	1800	Rel-6 UICC/USIM enhancements and interworking	USAT1	Rel-6	T3	25-Sep-00	8-Dec-03	Claus	not needed		81 %	1-Dec-00
281	Building Block	1802	UICC API	USAT1-API	Rel-6	T3	20-Mar-02	8-Dec-03			8/3/2001: test spec is based on R99 core spec, so deleted from Workplan	93%	12-Mar-01
282	Work Task	43001	Java API Test specification		Rel-6	T3	20-Mar-02	10-Jun-02		TP-020029		100 %	16-Sep-03
283	Work Task	43003	Java API Test specification (TS 43.019 Rel-5)		Rel-6	T3	30-May-02	9-Jun-03		TP-020122		100 %	16-Sep-03
284	Work Task	43006	2G/3G Java Card™ API based applet interworking	USAT1-API	Rel-6	T3	17-Mar-03	8-Dec-03	Claus	TP-030031		80%	16-Sep-03
285	Building Block	43004	Rel-6 USIM toolkit enhancements		Rel-6	T3	25-Sep-00	27-Sep-02	Claus			71%	28-Mar-03
286	Work Task	502031	C SIM API	USAT1-API- MULTOS	Rel-6	T3	25-Sep-00	27-Sep-02		TP-000155		91%	16-Sep-03
287	Work Task	502032	Specification		Rel-6	T3	25-Sep-00	27-Sep-02		TP-000155		100 %	16-Sep-03
288	Work Task	502033	Test specification		Rel-6	T3	1-Jan-01	28-Sep-01		TP-000155		100 %	16-Sep-03
289	Feature	34022	Packet Switched Streaming Services Rel-6	PSSrel6	Rel-6	S4	18-Nov-02	18-Mar-04	Paolo	SP-020685		44 %	4-Jul-03
290	Building Block	31039	Stage 1		Rel-6	S1	18-Nov-02	17-Mar-03			2nd resp SA4	80%	14-Mar-03
291	Building Block	34024	Stage 3	PSSrel6	Rel-6	S4	13-Dec-02	18-Mar-04	Paolo			35%	16-Sep-03
292	Feature	33017	Network Domain Security; Authentication Framework (NDS/AF)	SEC1-NDS-AF	Rel-6	S3	15-Feb-02	19-Dec-03		SP-030108	WID approved SA#19. Work started after FS approved SA#18	10 %	27-Mar-03
293	Feature	34023	AMR-WB extension for high audio quality	AMRWB+	Rel-6	S4	13-Dec-02	18-Mar-04	Paolo	SP-030083		35 %	16-Sep-03
294	Feature	51101	Single Antenna Receiver Interference Cancellation (SAIC)	SAIC	Rel-6	GP; G1	15-Nov-02	21-Nov-03		GP-023400		60 %	16-Sep-03
295	Feature	50500	Support of Conversational Services in A/Gb mode via the PS domain	SCSAGB	Rel-6	GP	7-Feb-03	27-Aug-04		GP-030443		6%	16-Sep-03
296	Building Block	50501	Creation of a TR	SCSAGB-TR	Rel-6	GP	7-Feb-03	21-Nov-03		GP-030444		40%	16-Sep-03
297	Building Block	50502	Stage 2	SCSAGB-Stage2	Rel-6	GP	21-Nov-03	23-Apr-04		GP-030445	Not started	0%	16-Sep-03
298	Building Block	50503	Radio Channel Support	SCSAGB-RCS	Rel-6	GP	6-Feb-04	27-Aug-04		GP-030446	Not started	0%	16-Sep-03
299	Building Block	50504	Definition of radio resource management functionality	SCSAGB-RRM	Rel-6	GP; G2	6-Feb-04	27-Aug-04		GP-030447	Not started	0%	16-Sep-03
300	Building Block	50505	PS Handover	SCSAGB-PSH	Rel-6	GP	6-Feb-04	27-Aug-04		GP-030448	Not started	0%	16-Sep-03
301	Building Block	50506	Modifications to FLO	SCSAGB-FLO	Rel-6	GP; G2	6-Feb-04	27-Aug-04		GP-030449	Not started	0%	16-Sep-03
302	Feature	12006	Enhancement of dialled service for CAMEL	EDCAMEL	Rel-6	S1	28-Mar-03	19-Sep-03	Andrijana	SP-020818		90 %	27-Mar-03
303	Building Block	12007	Stages 2 and 3		Rel-6	N2	28-Mar-03	19-Sep-03		NP-030153		90%	9-Jun-03
304	Feature	34026	Definition of teleservice using Multimedia Broadcast/Multicast Service	TSMBMS	Rel-6	S4	12-Jun-03	18-Mar-04		SP-030347		5%	16-Sep-03
305	Feature	32060	Bandwidth and resource savings in CS networks		Rel-6	S2	23-Jun-03	25-Mar-04				20 %	15-Sep-03
306	Feature	33018	FS on (U)SIM Security Reuse by Peripheral Devices on Local Interfaces		Rel-6	S3	3-Jul-03	26-Dec-03	Maurice	SP-030341		0%	NA
307	Feature	50600	Multiple TBF in A/Gb mode	MULTBF	Rel-6	GP; G2	5-Apr-02	30-Jan-04	Paolo	GP-021263		74 %	16-Sep-03
308	Building Block	50601	Multiple TBF in A/Gb mode	MULTBF-Agbmode	Rel-6	GP; G2	5-Apr-02	29-Aug-03		GP-021263		94%	16-Sep-03
309	Work Task	50602	Multiple TBF Concept paper		Rel-6	GP; G2	5-Apr-02	29-Aug-03				100 %	16-Sep-03
310	Work Task	50603	Multiple TBF Stage 2 (43.064) CRs		Rel-6	GP; G2	5-Apr-02	29-Aug-03				100 %	16-Sep-03
311	Work Task	50604	Multiple TBF Stage 3 (44.060) CRs		Rel-6	GP; G2	5-Apr-02	29-Aug-03			Not started	100 %	16-Sep-03
312	Building Block	50605	Multiple TBF in A/Gb mode – MS testing	MULTBF-Testing	Rel-6	GP- G2	5-Apr-02	30-Jan-04	Paolo	GP-022098		0%	16-Sep-03
313	Feature	50081	Alignment between the test-regimes for GERAN capable MS	ALTERE	Rel-6	G3	29-Aug-03	21-Nov-03	Michael	GP-032236		0%	16-Sep-03
314	Building Block	50082	Determine the controversial test cases in the different test regimes and align them with 3GPP GERAN test specifications. Such test cases to be added to TS 51.010.	ALTERE-TC	Rel-6	G3	29-Aug-03	21-Nov-03				0%	NA

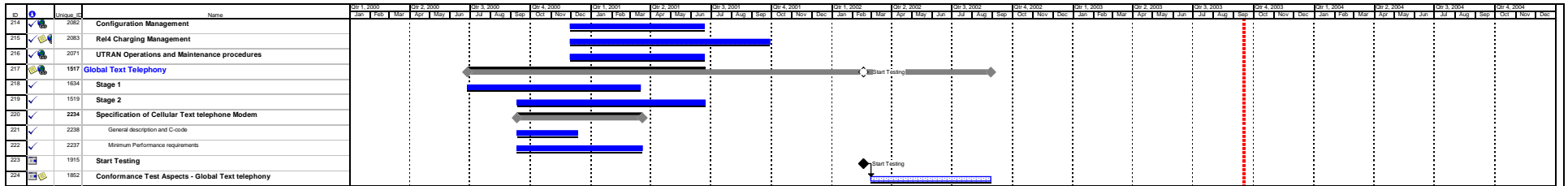


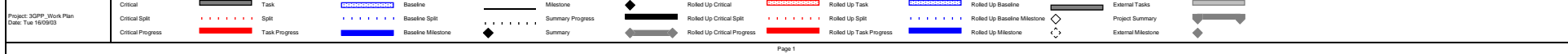
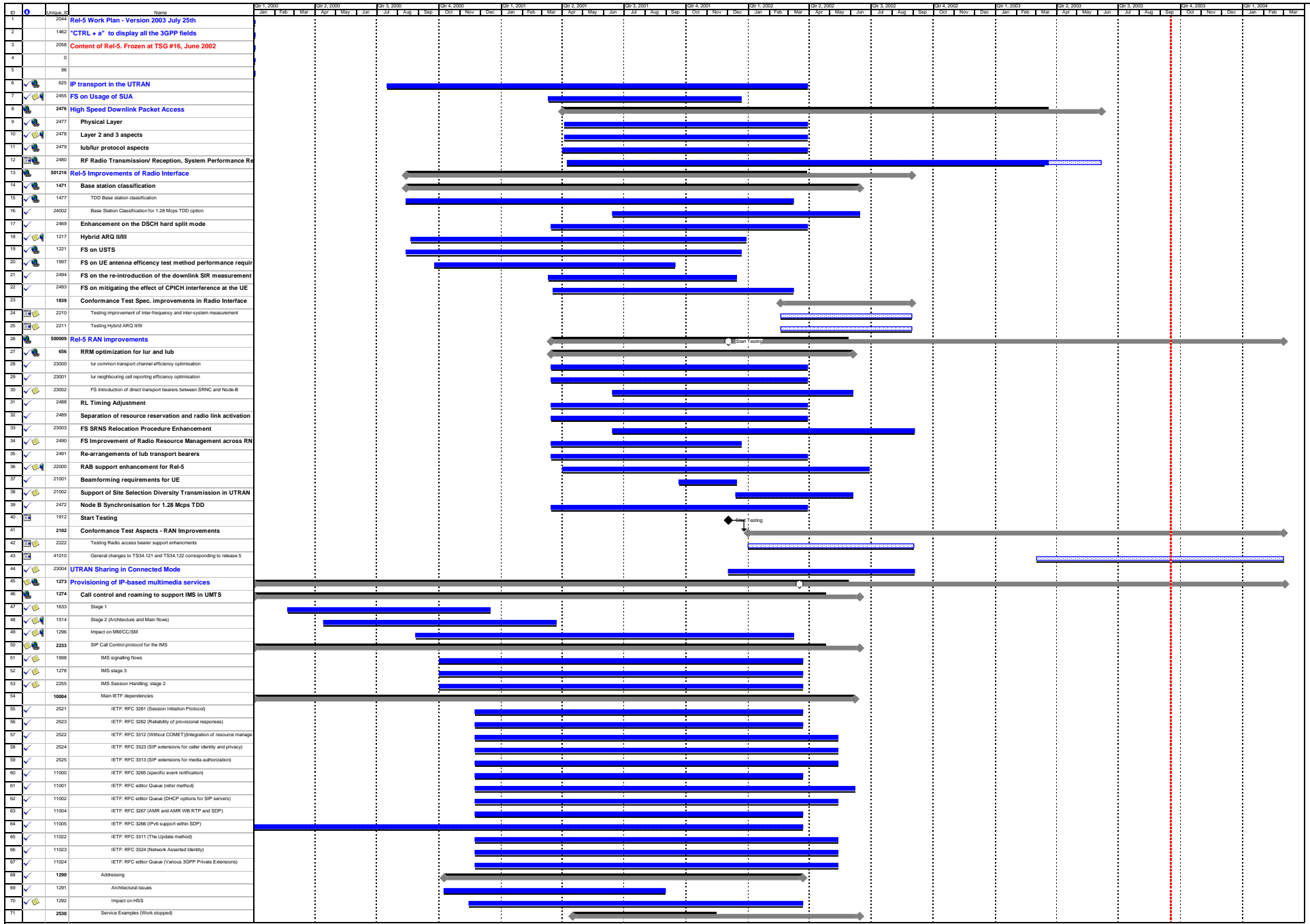


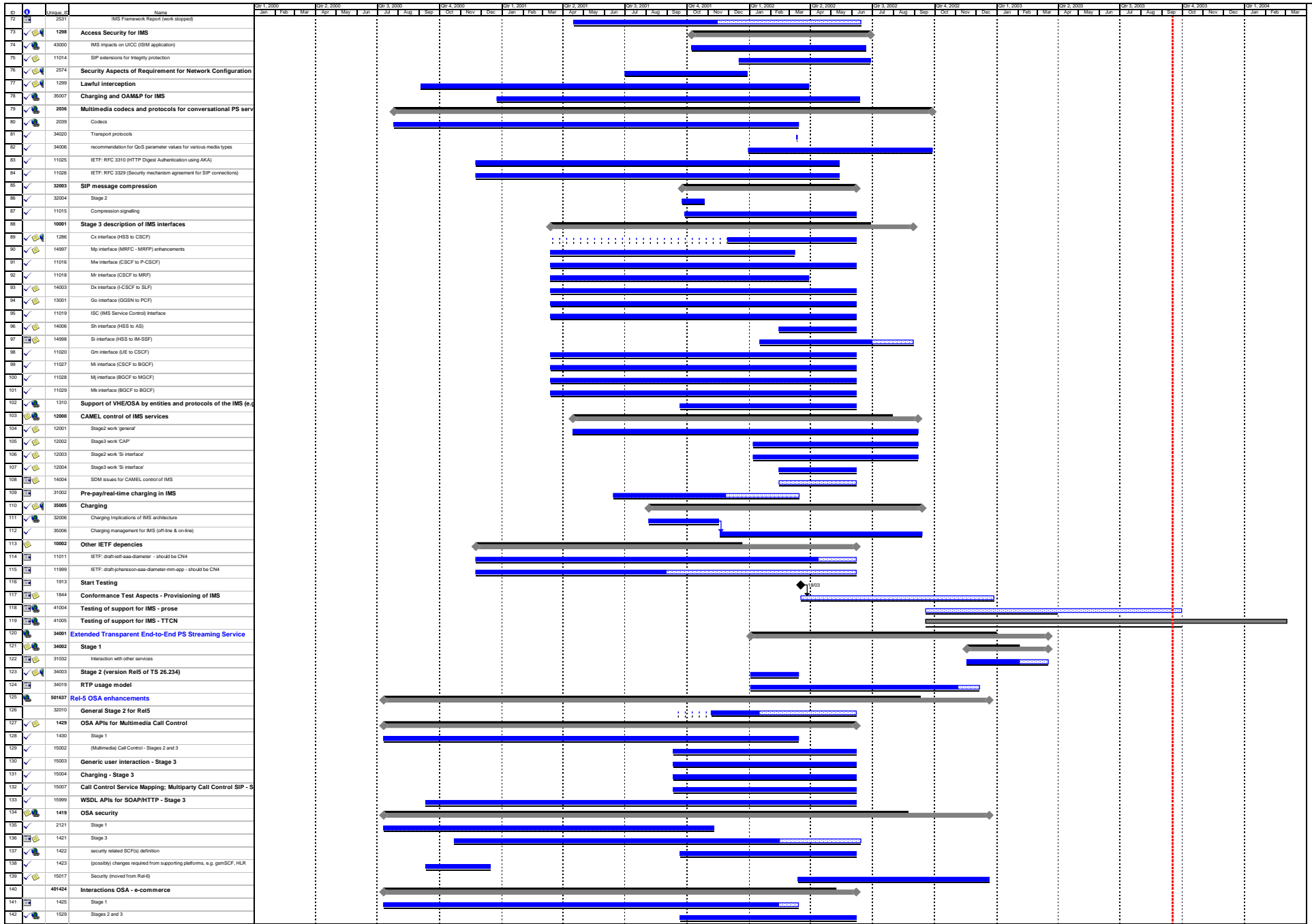
Project: 3GPP_Work Plan
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	Task		Baseline		Milestone		Summary Progress		Rolled Up Critical		Rolled Up Task		Rolled Up Baseline		External Task
	Critical Split		Split		Baseline Split		Summary		Rolled Up Critical Split		Rolled Up Split		Rolled Up Baseline Milestone		Project Summary
	Critical Progress		Task Progress		Baseline Milestone		Summary		Rolled Up Critical Progress		Rolled Up Task Progress		Rolled Up Milestone		External Milestone





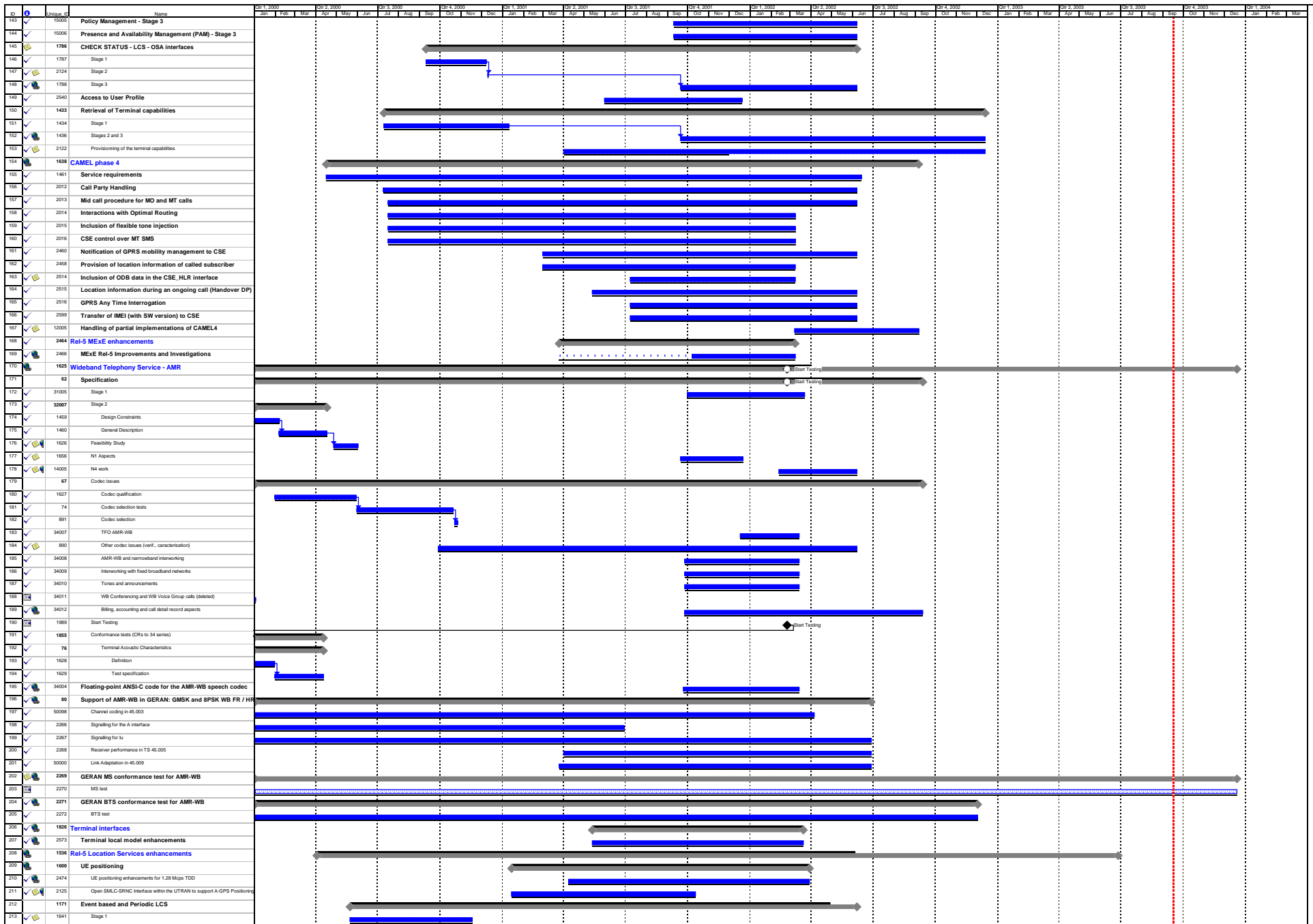




Project: 3GPP_Work Plan
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Critical	Critical Split	Critical Progress	Task	Split	Task Progress	Baseline	Baseline Split	Baseline Milestone	Milestone	Summary Progress	Summary	Rolled Up Critical	Rolled Up Critical Split	Rolled Up Critical Progress	Rolled Up Task	Rolled Up Task Progress	Rolled Up Split	Rolled Up Milestone	Rolled Up Milestone	External Tasks	Project Summary	External Milestone
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Critical Task (thick black bar)
 Critical Split (dashed black bar)
 Critical Progress (red bar)

Baseline (blue bar)
 Baseline Split (dashed blue bar)
 Baseline Milestone (blue bar with diamond)

Milestone (black bar with diamond)
 Summary Progress (grey bar with diamond)
 Summary (black bar with diamond)

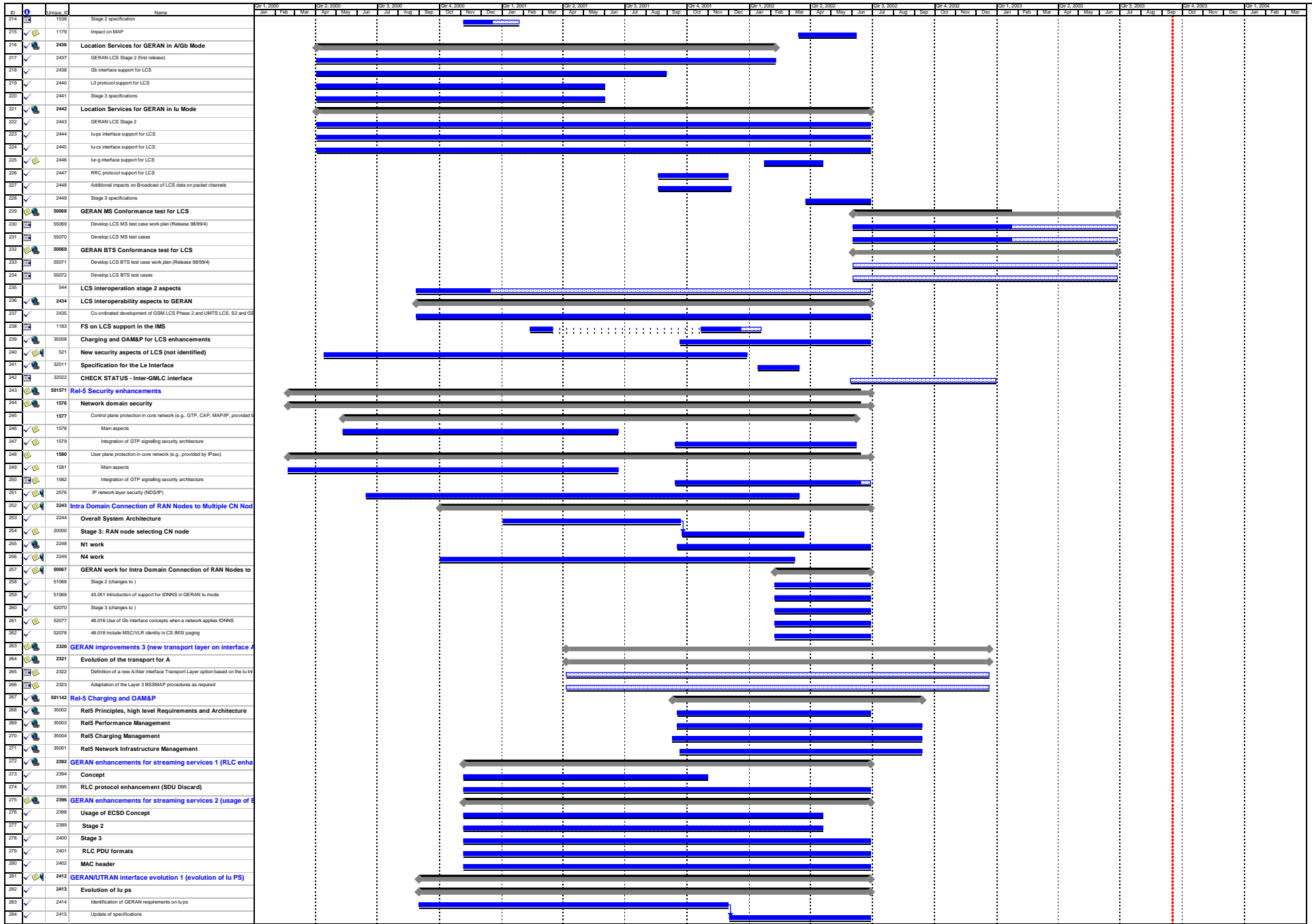
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 Rolled Up Critical Progress (thick black bar with diamond)

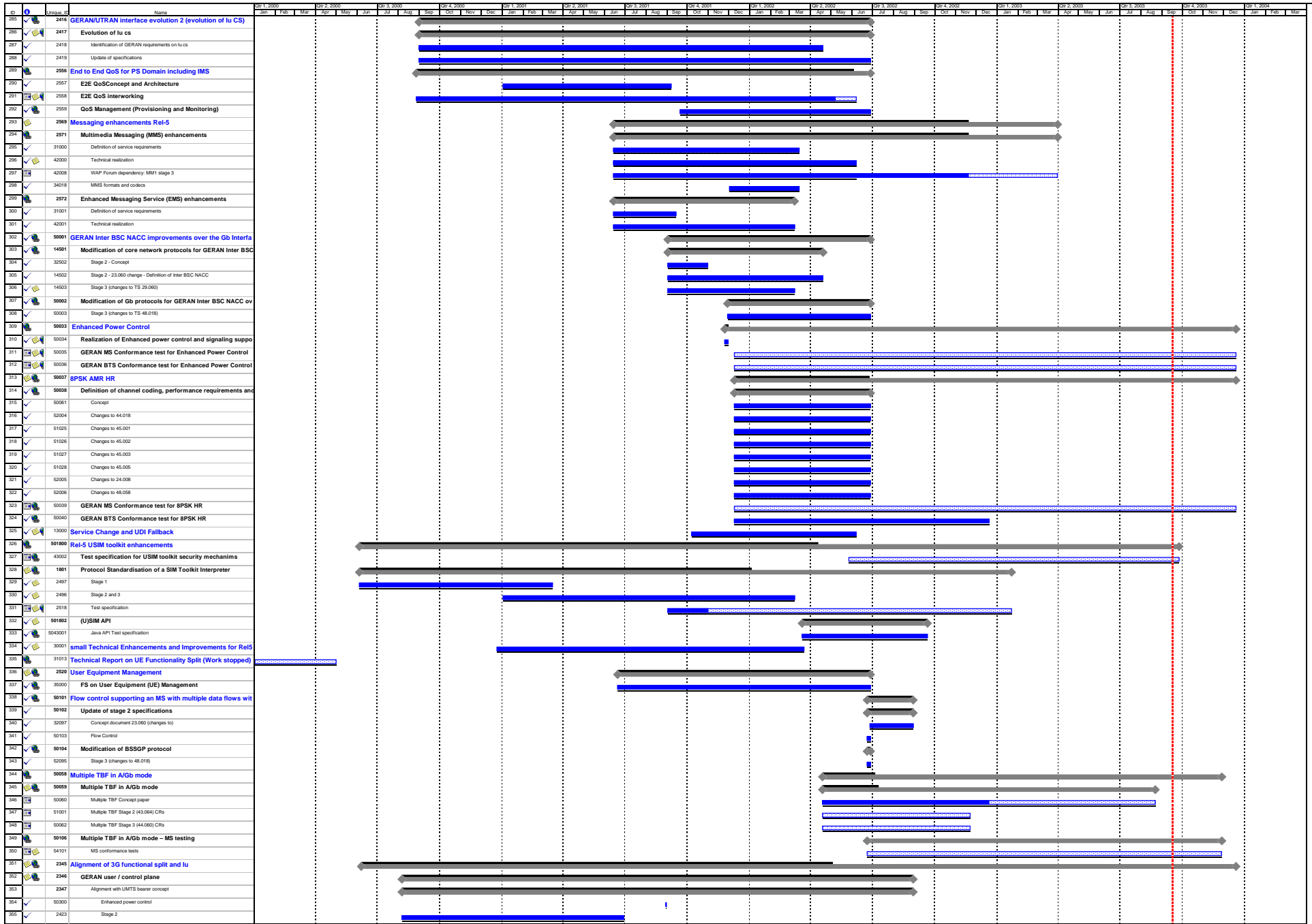
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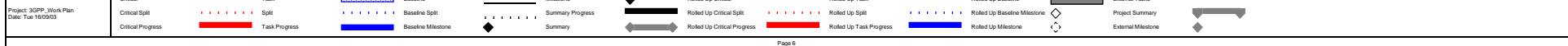
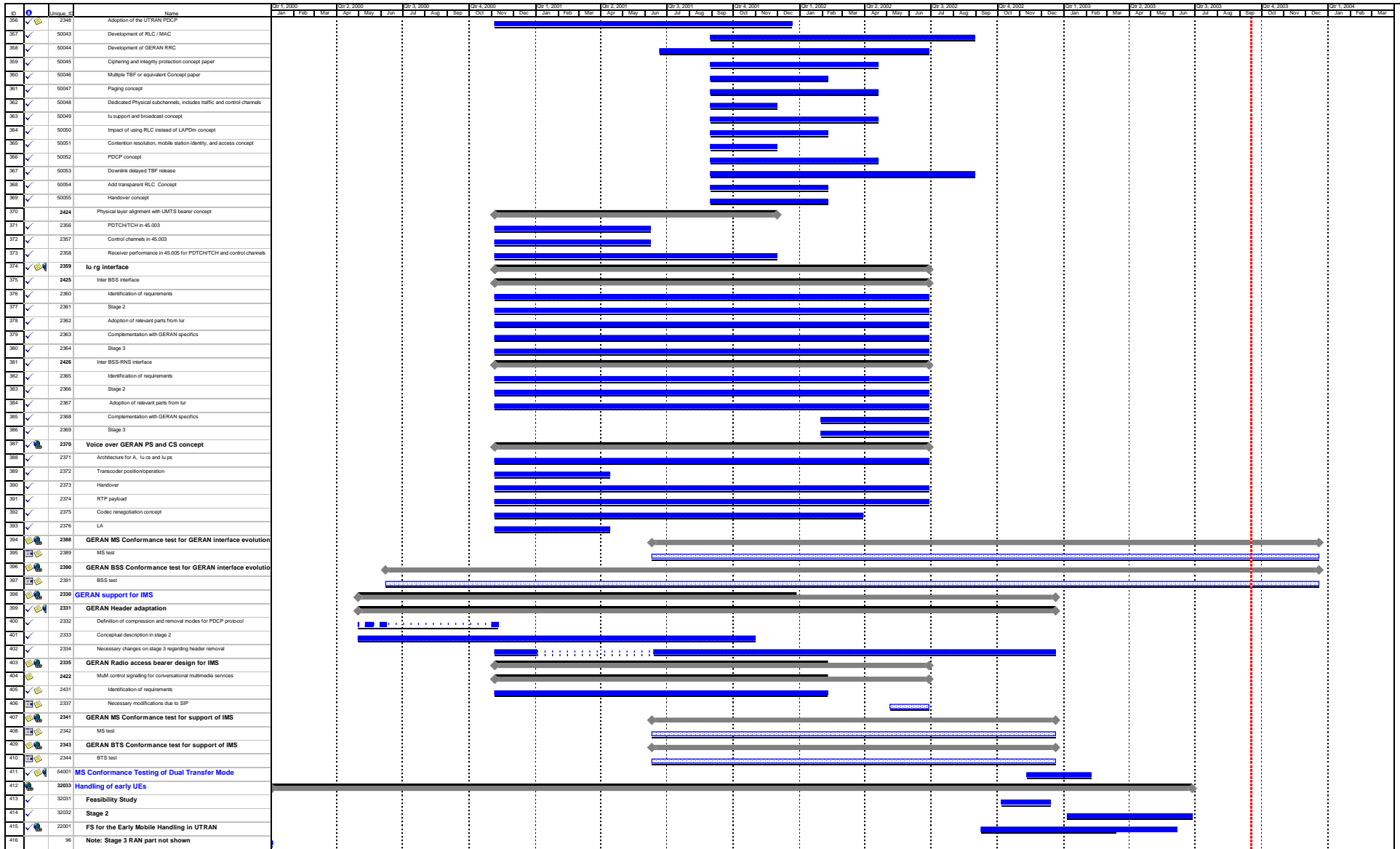
Rolled Up Baseline (thick blue bar)
 Rolled Up Baseline Milestone (thick blue bar with diamond)
 Rolled Up Milestone (thick blue bar with diamond)

External Tasks (grey bar)
 Project Summary (grey bar with diamond)
 External Milestone (grey bar with diamond)

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ID	Unique	Name	Releas	Resour	Qtr 1, 2003			Qtr 3, 2003			Qtr 1, 2004	
					Jan	Mar	May	Jul	Sep	Nov	Jan	Mar
1	2044	VERSION 2003 September 16th	Rel									
2	1462	"CTRL + a" to display all the 3GPP fields										
3	2058	Content of Rel-6 and after. Not frozen.	Rel									
4	0		Rel									
5	2	Evolutions of the transport in the UTRAN	NA	Yes								
6	1216	Improvements of Radio Interface	Rel-6	RP								
7	24006	Improving Receiver Performance Requirements for the FDD UE	Rel-6	R4								
8	1470	Improvement of inter-frequency and inter-system measurement	Rel-6	R1								
9	24004	Base station classification	Rel-6	R4								
10	1476	FDD Base station classification	Rel-6	R4								
11	24007	UMTS-850	Rel-6	R4								
12	24009	DS-CDMA introduction in the 800 MHz band	Rel-6	R4								
13	24010	UMTS 1.7/2.1 GHz	Rel-6	R4								
14	24003	FS for the viable deployment of UTRA in additional and diverse sp	Rel-6	R4								
15	24005	FS on UE antenna efficiency test methods performance requirem	Rel-6	R4								
16	1506	FS on Radio link performance enhancements	Rel-6	R1								
17	24001	FS on UTRA WideBand Distribution Systems	Rel-6	R4								
18	21000	FS on Improvement of inter-frequency and inter-system measure	Rel-6	R1								
19	21003	FS for the analysis of OFDM for UTRAN enhancements	Rel-6	R1								
20	21004	FS on Uplink Enhancements for Dedicated Transport Channels	Rel-6	R1								
21	21005	FS on Analysis on Higher Chip Rates for UTRA TDD evolutions	Rel-6	R1								
22	24011	FS on Low Output Powers for general purpose FDD BSs	Rel-6	R4								
23	21007	FS on Uplink enhancements for UTRA TDD	Rel-6	R1								
24	2468	Multiple Input Multiple Output antennas (MIMO)	Rel-6	R1								
25	21006	Multiple Input Multiple Output antennas - Physical layer	Rel-6	R1								
26	22003	Multiple Input Multiple Output antennas - Layer 2,3 aspects	Rel-6	R2								
27	23008	Multiple Input Multiple Output antennas - lub/lur Protocol Aspects	Rel-6	R3								
28	24008	Multiple Input Multiple Output antennas - RF Radio Transmission/	Rel-6	R4								
29	9	RAN improvements	Rel-6	RP								
30	20999	Beamforming Enhancements	Rel-6	R1								
31	624	RAB support enhancement	Rel-6	R2								
32	23009	Iu enhancements for IMS support in RAN	Rel-6	R3								
33	23005	Improvement of RRM across RNS and RNS/BSS	Rel-6	R3								
34	23006	FS on the evolution of the UTRAN architecture	Rel-6	R3								
35	23012	Rel6 RRM optimization for lur and lub	Rel-6	R3								
36	23007	FS of the improved access to UE measurement data for CRNC to support	Rel-6	R3								
37	23010	Remote Control of Electrical Tilting Antennas	Rel-6	R3								
38	23011	Network Assisted Cell Change (NACC) from UTRAN to GERAN - ne	Rel-6	R3								
39	32045	PS domain and IMS impacts for supporting IMS Emergency	Rel-6	S2								

ID	Unique_	Name	Releas	Resour	Qtr 1, 2003			Qtr 3, 2003			Qtr 1, 2004	
					Jan	Mar	May	Jul	Sep	Nov	Jan	Mar
40	1314	Service Requirements for IP-based emergency calls	Rel-6	S1	[Progress bar]							
41	32046	Stage 2	Rel-6	S2	[Progress bar]			[Progress bar]				
42	1653	Emergency Call Enhancements for IP& PS Based Calls – stage 3	Rel-6	N1	[Progress bar]							
43	1315	SIP emergency calls and packet emergency calls signalling flows	Rel-6	N1	[Progress bar]							
44	1646	Stage 3 for emergency calls and packet emergency calls in general	Rel-6	N1	[Progress bar]							
45	32023	Location Services enhancements 2	Rel-6	S2	[Progress bar]							
46	32024	Improvement on Le interface	Rel-6	S2	[Progress bar]							
47	32051	Stage 2	Rel-6	S2	[Progress bar]							
48	32053	Stage 3 in OMA - it impacts Mobile Location Protocol (MLP)	Rel-6	OMA				[Progress bar]				
49	32001	Enhanced support for anonymity and user privacy	Rel-6	S2	[Progress bar]							
50	32047	Stage 2	Rel-6	S2	[Progress bar]							
51	32054	Stage 3 in OMA (it impacts MLP and RLP)	Rel-6	OMA				[Progress bar]				
52	32025	Enhanced inter-GMLC interface	Rel-6	S2	[Progress bar]							
53	32048	Stage 2	Rel-6	S2	[Progress bar]							
54	32055	Stage 3 in OMA (definition of RLP and PCP)	Rel-6	OMA	[Progress bar]			[Progress bar]				
55	32012	Location Services support for IMS public identities	Rel-6	S2	[Progress bar]							
56	32049	Stage 2	Rel-6	S2	[Progress bar]							
57	32056	Stage 3 in OMA (impacts MLP, RLP and PCP)	Rel-6	OMA	[Progress bar]			[Progress bar]				
58	32026	New area event for location service triggering reports	Rel-6	S2	[Progress bar]							
59	32050	Stage 2	Rel-6	S2	[Progress bar]							
60	14015	Stage 3 for UE-CN signalling	Rel-6	N4				[Progress bar]				
61	32057	Stage 3 in OMA (impacts MLP, RLP and PCP)	Rel-6	OMA				[Progress bar]				
62	32029	FS on applicability of GALILEO for LCS	Rel-6	S2	[Progress bar]							
63	32058	TR on Stage 2	Rel-6	S2	[Progress bar]							
64	50095	GERAN review of the TR	Rel-6	GP				[Progress bar]				
65	20001	UE positioning	Rel-6	RP	[Progress bar]							
66	2457	UE positioning enhancements - other methods	Rel-6	R2	[Progress bar]							
67	22002	FS on Enhancements to OTDOA Positioning using advanced blanking rr	Rel-6	R2	[Progress bar]							
68	2475	Open SMLC-SRNC Interface within the UTRAN to support UTRAN Rel4	Rel-6	R2	[Progress bar]							
69	24012	A-GPS minimum performance specification	Rel-6	R4				[Progress bar]				
70	50541	Uplink TDOA location determination for GSM/GPRS	Rel-6	GP	[Progress bar]			[Progress bar]				
71	50542	Addition of U-TDOA in the CS domain	Rel-6	GP	[Progress bar]			[Progress bar]				
72	50543	Addition of U-TDOA in the PS domain	Rel-6	GP	[Progress bar]			[Progress bar]				
73	1571	Security enhancements	Rel-6	S3	[Progress bar]							
74	2026	Enhanced HE control of security (including positive authentication	Rel-6	S3	[Progress bar]							
75	2027	Stage 2	Rel-6	S3	[Progress bar]							
76	33006	Network domain security	Rel-6	S3	[Progress bar]							
77	33007	IP network layer security (NDS/IP)	Rel-6	S3	[Progress bar]							
78	32021	IMS Phase 2	Rel-6	S1	[Progress bar]							
79	32027	Stage 2 of IMS Phase 2	Rel-6	S2	[Progress bar]							

ID	Unique_	Name	Releas	Resour	Qtr 1, 2003			Qtr 3, 2003			Qtr 1, 2004	
					Jan	Mar	May	Jul	Sep	Nov	Jan	Mar
80	14014	Enhancements to the Cx and Sh interfaces	Rel-6	N4								
81	31025	IMS Group Management	Rel-6	S1								
82	31026	Stage 1 - TS on IMS group management	Rel-6	S1								
83	32036	Stage 2	Rel-6	S2								
84	11036	Stage 3 for IMS Group management (e.g. chat)		N1								
85	11037	IMS Conferencing	Rel-6	N1								
86	32037	Stage 2	Rel-6	S2								
87	32038	Stage 3		N1								
88	31022	IMS Messaging	Rel-6	S1								
89	31023	TR on support of messaging in the IMS	Rel-6	S1								
90	31034	Stage 1 22.340	Rel-6	S1								
91	31024	CRs to existing 22-series specifications	Rel-6	S1								
92	31033	CRs to 22.140 & 22.228	Rel-6	S1								
93	32700	Stage 2	Rel-6	S2								
94	11039	Stage 3 for IMS Messaging		N1								
95	32005	IMS Local services	Rel-6	S2								
96	32019	Stage 2	Rel-6	S2								
97	11035	Stage 3 for IMS Local services		N1								
98	11040	Additional SIP Capabilities support not covered by Rel-5	Rel-6	N1								
99	32041	Stage 2 for add SIP cap (e.g. forking)	Rel-6	S2								
100	32042	Stage 3 for Additional SIP Capabilities		N1								
101	11041	Review additional SIP Capabilities against IMS		N1								
102	2048	Interworking between IMS and IP networks	Rel-6	N3								
103	13004	Interworking for 3GPP_SIP and IETF_SIP	Rel-6	N3								
104	13005	Interworking for IPv6 to IPv4	Rel-6	N3								
105	13011	Mm interface (CSCF to external IP multimedia network) -- NOT CN3	Rel-6	N1								
106	11017	CN1 part	Rel-6	N1								
107	2047	Interworking between IMS and CS networks	Rel-6	N3								
108	14001	Mn interface (IM-MGW to MGCF) enhancements	Rel-6	N4								
109	14012	Mp (MRFC - MRFP) interface protocol definitions	Rel-6	N4								
110	31036	Study of subscriber and operators relationship in IMS and related	Rel-6	S1								
111	33012	Lawful Interception in the 3GPP Rel-6 architecture	Rel-6	S3								
112	31042	IMS Subscription and access scenarios	Rel-6	S1								
113	11032	Interoperability and Commonality between IMS using differ	Rel-6	S2								
114	32028	Stage 2 for Interoperability	Rel-6	S2								
115	32061	Stage 2 for commonality	Rel-6	S2								
116	11033	Stage 3	Rel-6	N1								
117	1365	Support of Push Services	Rel-6	S1								
118	31004	Stage 1	Rel-6	S1								
119	32000	TR on feasibility study	Rel-6	S2								

ID	Unique	Name	Releas	Resour	Qtr 1, 2003			Qtr 3, 2003			Qtr 1, 2004	
					Jan	Mar	May	Jul	Sep	Nov	Jan	Mar
120	32701	TR 23.976 on Push Architecture	Rel-6	S2	[Bar]			[Bar]				
121	42009	Multimedia Messaging (MMS) enhancements	Rel-6	T2	[Bar]			[Bar]			◆	
122	42010	Definition of service requirements	Rel-6	S1	[Bar]			[Bar]			◆	
123	31031	Definition of service requirements charging	Rel-6	S1	[Bar]			[Bar]				
124	42011	Technical realization	Rel-6	T2	[Bar]			[Bar]				
125	42012	OMA dependencies	Rel-6	T2	[Bar]			[Bar]				
126	42013	MMS formats and codecs	Rel-6	S4	[Bar]			[Bar]				
127	42005	Rel-6 MExE enhancements	Rel-6	T2	[Bar]			[Bar]			◆	
128	42006	MExE Rel-6 Improvements and Investigations	Rel-6	T2	[Bar]			[Bar]				
129	42007	MExE Run-Time Independent Framework Feasibility Study	Rel-6	T2	[Bar]			[Bar]				
130	2062	Subscription Management	Rel-6	S5	[Bar]			[Bar]				
131	2499	Support of Presence Capability	Rel-6	S1	[Bar]			[Bar]			◆	
132	2501	Stage 1	Rel-6	S1	[Bar]			[Bar]				
133	2502	Stage 2	Rel-6	S2	[Bar]			[Bar]				
134	2503	Stage 3	Rel-6	N1	[Bar]			[Bar]				
135	34025	Media Codecs and Formats for IMS Messaging and Presence	Rel-6	S4	[Bar]			[Bar]				
136	2504	Security issues	Rel-6	S3	[Bar]			[Bar]				
137	2505	USIM issues	Rel-6	T3	[Bar]			[Bar]				
138	50056	Enhanced A/Gb feasibility study	Rel-6	GP	[Bar]			[Bar]				
139	50057	Feasibility study on A/Gb enhancements	Rel-6	G2	[Bar]			[Bar]				
140	50080	Requirements for the support of conversational services	Rel-6	GP	[Bar]			[Bar]				
141	50084	Identification of the different building blocks for the provision of conversa	Rel-6	GP	[Bar]			[Bar]				
142	50093	Outline of impact and feasibility of these building blocks and their differe	Rel-6	GP	[Bar]			[Bar]				
143	52081	Identification of the different building blocks for the provision of conversa	Rel-6	G2	[Bar]			[Bar]				
144	52082	Outline of impact and feasibility of these building blocks and their differe	Rel-6	G2	[Bar]			[Bar]				
145	50081	Impact on 3GPP architecture and requirement to co-ordinatge with other	Rel-6	GP	[Bar]			[Bar]				
146	50082	Standardisation effort	Rel-6	GP	[Bar]			[Bar]				
147	50083	Dependency to other features	Rel-6	GP	[Bar]			[Bar]				
148	50063	Flexible Layer One for GERAN	Rel-6	GP	[Bar]			[Bar]			◆	
149	50064	Realisation of a Flexible Layer One	Rel-6	GP	[Bar]			[Bar]			◆	
150	50065	Technical Report	Rel-6	GP	[Bar]			[Bar]				
151	51002	Architecture in 45.001 and 43.051	Rel-6	G1	[Bar]			[Bar]				
152	51003	Multiplexing in 45.002	Rel-6	G1	[Bar]			[Bar]				
153	51004	Channel Coding in 45.003	Rel-6	G1	[Bar]			[Bar]				
154	51005	Performance Requirements in 45.005	Rel-6	G1	[Bar]			[Bar]				
155	51006	Radio subsystem link control in 45.008	Rel-6	G1	[Bar]			[Bar]				
156	52071	Requirements in 44.004	Rel-6	G2	[Bar]			[Bar]				
157	52072	Signalling and protocol support for a Flexible Layer One	Rel-6	G2	[Bar]			[Bar]			◆	
158	52073	Modifications to RLC/MAC in 44.060 and 44.160	Rel-6	G2	[Bar]			[Bar]				

























ID	Unique_	Name	Releas	Resour	Qtr 1, 2003			Qtr 3, 2003			Qtr 1, 2004	
					Jan	Mar	May	Jul	Sep	Nov	Jan	Mar
160	52075	Security for a Flexible Layer One	Rel-6	S3, G2								
161	52076	Ciphering in 44.160,44.118, 44.060 and 44.018	Rel-6	S3, G2								
162	55077	GERAN MS Conformance test for the Flexible Layer One	Rel-6	G4;G5								
163	55078	MS Test in 51.010	Rel-6	G4;G5								
164	55079	GERAN BTS Conformance test for the Flexible Layer One	Rel-6	G3								
165	53080	BTS Test in 51.021	Rel-6	G3								
166	50041	Uplink TDOA feasibility study	Rel-6	GP								
167	2544	Multimedia Broadcast and Multicast Service	Rel-6	S1								
168	2545	Stage 1	Rel-6	S1								
169	32002	Stage 2	Rel-6	S2								
170	32702	TR on Architectural Study	Rel-6	S2								
171	32703	Stage 2 Specification Work	Rel-6	S2								
172	2481	Introduction of MBMS in RAN	Rel-6	R2								
173	11030	Support of the MBMS in CN protocols	Rel-6	N1								
174	33008	Security Aspects of Multimedia Broadcast/Multicast Service (MBM	Rel-6	S3								
175	50085	Support of MBMS in GERAN	Rel-6	GP								
176	50086	Impact on the logical and physical channels	Rel-6	GP								
177	51085	Simultaneous support of MBMS services	Rel-6	G1								
178	51086	Simultaneous support of MBMS and non-MBMS services	Rel-6	G1								
179	52085	Re-synchronisation at cell change	Rel-6	G2								
180	50087	Decision making process between point-to-point or pont-to-multipoint cor	Rel-6	GP								
181	50088	MBMS channel allocations procedures to multiple MSs	Rel-6	GP								
182	50089	Changes to the Gb interface	Rel-6	GP								
183	50090	GERAN specific changes to the lu-ps interface	Rel-6	GP								
184	50091	Interaction between MBMS and lu-flex	Rel-6	GP								
185	50092	Security aspects	Rel-6	GP								
186	55091	MS conformance tests	Rel-6	G5								
187	31006	Speech Recognition and Speech Enabled Services	Rel-6	S1								
188	31007	Speech Enabled Services Based on Distributed Speech Recognitio	Rel-6	S1								
189	32999	TR on Architectural impacts	Rel-6	S2								
190	11021	SES codec negotiation at SDP	Rel-6	N1								
191	34700	Codec Work to Support Speech Recognition Framework for Autor	Rel-6	S4								
192	31008	Generic User Profile	Rel-6	S1								
193	31009	Stage 1 - Requirements	Rel-6	S1								
194	42002	Stage 2 - Data Description Method	Rel-6	T2								
195	32008	Stage 2 - Architecture	Rel-6	S2								
196	42003	Stage 3 - Common objects	Rel-6	T2								
197	14008	Stage 3 - Network	Rel-6	N4								
198	33009	Security Aspects	Rel-6	S3								
199	31010	Digital Rights Management	Rel-6	S1								

ID	Unique_	Name	Releas	Resour	Qtr 1, 2003			Qtr 3, 2003			Qtr 1, 2004	
					Jan	Mar	May	Jul	Sep	Nov	Jan	Mar
200	31011	Requirements	Rel-6	S1								
201	31037	Monitoring of Stages 2 and 3 progress (actual work to be done by	Rel-6	S1	■	■						
202	33001	Security	Rel-6	S3	■	■						
203	31012	WLAN-UMTS Interworking	Rel-6	S1	■	■	■	■	■	■	■	■
204	31020	Technical Report	Rel-6	S1	■	■	■	■	■	■	■	■
205	31035	CRs to implement WLAN	Rel-6	S1	■	■	■	■	■	■	■	■
206	32018	Architecture Definition	Rel-6	S2	■	■	■	■	■	■	■	■
207	32704	Security	Rel-6	S3	■	■						
208	14013	Stage 3 - CN4 aspects	Rel-6	N4			■	■	■	■	■	■
209	11042	WLAN interworking- stage 3	Rel-6	N1			■	■	■	■	■	■
210	31015	Priority Service	Rel-6	S1	■	■	■	■	■	■	■	■
211	31016	Feasibility Study	Rel-6	S1								
212	31017	Stage 1 - Requirements	Rel-6	S1	■	■	■	■	■	■	■	■
213	31041	Priority Multimedia Service	Rel-6	S1		■	■	■	■	■	■	■
214	31043	Priority service implementation guide	Rel-6	S1		■	■	■	■	■	■	■
215	31018	Network Sharing	Rel-6	S1	■	■	■	■	■	■	■	■
216	31019	Technical Report	Rel-6	S1	■	■	■	■	■	■	■	■
217	31038	Stage 1 - CRs to implement Network Sharing	Rel-6	S1	■	■	■	■	■	■	■	■
218	32044	Stage 2	Rel-6	S2		■	■	■	■	■	■	■
219	11043	Network sharing - stage 3	Rel-6	N1			■	■	■	■	■	■
220	32016	QoS Improvements	Rel-6	S2	■	■	■	■	■	■	■	■
221	32017	FS on Dynamic Policy control enhancements for end-to-end QoS	Rel-6	S2	■	■	■	■	■	■	■	■
222	32059	Definition of the Gq interface	Rel-6	S2				■	■	■	■	■
223	33002	Support for subscriber certificates	Rel-6	S3								
224	32705	Stage 1	Rel-6	S3								
225	32706	Architecture review	Rel-6	S2								
226	15010	Rel-6 OSA enhancements	Rel-6	S1	■	■	■	■	■	■	■	■
227	31040	Scope of the Open Service Access Release 6	Rel-6	S1		■	■					
228	15016	User Data Management / User data security management (Stage 1	Rel-6	S1	■							
229	15022	User Data Management / User data security management (Stage 3	Rel-6	N5	■	■	■	■	■	■	■	■
230	15024	Retrieval of Visited Network capabilities	Rel-6	N5	■	■	■	■	■	■	■	■
231	15025	Access to IP Session information	Rel-6	N5	■	■	■	■	■	■	■	■
232	15026	Multi Media Messaging function	Rel-6	N5	■	■	■	■	■	■	■	■
233	15027	Enhanced user privacy in LCS	Rel-6	N5	■	■	■	■	■	■	■	■
234	15028	Policy management extensions	Rel-6	N5	■	■	■	■	■	■	■	■
235	15029	Presence and Availability Management (from the PRESNC WI)	Rel-6	N5	■	■	■	■	■	■	■	■
236	15032	OSA interfaces at different levels of abstractions (Parlay X, Web s	Rel-6	N5		■	■	■	■	■	■	■
237	15033	Introduction of migration support mechanism	Rel-6	N5		■	■	■	■	■	■	■
238	15034	User Profile	Rel-6	N5		■	■	■	■	■	■	■

ID	Unique_	Name	Releas	Resour	Qtr 1, 2003			Qtr 3, 2003			Qtr 1, 2004	
					Jan	Mar	May	Jul	Sep	Nov	Jan	Mar
240	15036	Framework Function for Federation	Rel-6	N5								
241	15037	Enhancements to IP Session Function in OSA for the control and r	Rel-6	N5								
242	50401	Addition of frequency bands to GSM	Rel-6	GP								
243	50094	Addition of frequency bands to GSM – Changes to core specs	Rel-6	G1								
244	51102	Changes to core specs	Rel-6	G1								
245	54102	Addition of frequency bands to GSM – Changes for conformance 1	Rel-6	G4								
246	54103	51.010-1 Add testing	Rel-6	G4								
247	50130	Seamless support of streaming services in A/Gb mode	Rel-6	GP								
248	51131	Identification of requirements for streaming	Rel-6	G1								
249	51133	Requirements	Rel-6	G1								
250	51132	Performance study of cell change mechanisms	Rel-6	G1								
251	51134	Performance of NACC	Rel-6	G1								
252	51135	Performance of cell change in DTM for the PS domain	Rel-6	G1								
253	51136	Handover	Rel-6	G1								
254	52131	Reduction of service interruption times and packet loss during m	Rel-6	G2								
255	52133	Optimisations of existing mechanisms/procedures	Rel-6	G2								
256	52134	Inter-system NACC	Rel-6	G2								
257	52135	PS Handover (within GERAN and between GERAN and UTRAN)	Rel-6	G2								
258	52136	Dependency to other features	Rel-6	G2								
259	54131	MS conformance testing	Rel-6	G4,G5								
260	54132	MS conformance tests	Rel-6	G4,G5								
261	33013	GERAN A/Gb mode security enhancements	Rel-6	S3								
262	34300	Performance characterisation of default codecs for PS conv	Rel-6	S4								
263	31029	Study of Feature Interactions Requirements	Rel-6	S1								
264	31030	Study on Privacy Capability	Rel-6	S1								
265	35010	OAM&P	Rel-6	S5								
266	35011	Principles, high level Requirements and Architecture	Rel-6	S5								
267	35012	Performance Management	Rel-6	S5								
268	35013	User Equipment Management	Rel-6	S5								
269	35020	UEM requirements and architecture; Stages 1 and 2	Rel-6	S5								
270	35021	UEM protocol specification; Stage 3	Rel-6	OMA								
271	33014	Release 6 User Equipment Management: Security aspects	Rel-6	S3								
272	35014	Network Infrastructure Management	Rel-6	S5								
273	35015	Trace Management	Rel-6	S5								
274	23013	Subscriber and equipment trace support in UTRAN	Rel-6	R3								
275	35016	Charging Management	Rel-6	S5								
276	35017	Charging Management for Bearer level	Rel-6	S5								
277	35018	Charging Management for the IMS	Rel-6	S5								
278	35019	Charging Management for the Service domain	Rel-6	S5								

ID	Unique	Name	Releas	Resour	Qtr 1, 2003			Qtr 3, 2003			Qtr 1, 2004	
					Jan	Mar	May	Jul	Sep	Nov	Jan	Mar
280	1800	Rel-6 UICC/USIM enhancements and interworking	Rel-6	T3								
281	1802	UICC API	Rel-6	T3								
282	43001	Java API Test specification	Rel-6	T3								
283	43003	Java API Test specification (TS 43.019 Rel-5)	Rel-6	T3								
284	43006	2G/3G Java Card™ API based applet interworking	Rel-6	T3								
285	43004	Rel-6 USIM toolkit enhancements	Rel-6	T3								
286	502031	C SIM API	Rel-6	T3								
287	502032	Specification	Rel-6	T3								
288	502033	Test specification	Rel-6	T3								
289	34022	Packet Switched Streaming Services Rel-6	Rel-6	S4								
290	31039	Stage 1	Rel-6	S1								
291	34024	Stage 3	Rel-6	S4								
292	33017	Network Domain Security; Authentication Framework (NDS/A	Rel-6	S3								
293	34023	AMR-WB extension for high audio quality	Rel-6	S4								
294	51101	Single Antenna Receiver Interference Cancellation (SAIC)	Rel-6	GP;G1								
295	50500	Support of Conversational Services in A/Gb mode via the PS	Rel-6	GP								
296	50501	Creation of a TR	Rel-6	GP								
297	50502	Stage 2	Rel-6	GP								
298	50503	Radio Channel Support	Rel-6	GP								
299	50504	Definition of radio resource management functionality	Rel-6	GP;G2								
300	50505	PS Handover	Rel-6	GP								
301	50506	Modifications to FLO	Rel-6	GP;G2								
302	12006	Enhancement of dialled service for CAMEL	Rel-6	S1								
303	12007	Stages 2 and 3	Rel-6	N2								
304	34026	Definition of teleservice using Multimedia Broadcast/Multica:	Rel-6	S4								
305	32060	Bandwidth and resource savings in CS networks	Rel-6	S2								
306	33018	FS on (U)SIM Security Reuse by Peripheral Devices on Loca	Rel-6	S3								
307	50600	Multiple TBF in A/Gb mode	Rel-6	GP;G2								
308	50601	Multiple TBF in A/Gb mode	Rel-6	GP;G2								
309	50602	Multiple TBF Concept paper	Rel-6	GP;G2								
310	50603	Multiple TBF Stage 2 (43.064) CRs	Rel-6	GP;G2								
311	50604	Multiple TBF Stage 3 (44.060) CRs	Rel-6	GP;G2								
312	50605	Multiple TBF in A/Gb mode – MS testing	Rel-6	GP-G2								
313	50081	Alignment between the test-regimes for GERAN capable MS	Rel-6	G3								
314	50082	Determine the controversial test cases in the different test regimes and align t	Rel-6	G3								

Project: 3GPP_Work Plan
 Date: Tue 16/09/03

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