3GPP TSG-T (Terminals) Meeting #14
Kyoto, Japan, 12 - 14 December 2001

Tdoc TP-010278

3GPP Work Plan – Cover page

Version 2001, December 12th

Introduction

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

The last version of the Work Plan and all the related documents (cover page, PDF views, etc) are available at:
ftp://ftp.3gpp.org/information/work_plan

For comments on a given WI, contact the MCC support of the given WI's responsible WG/TSG (mapping "WG/TSG to MCC support" and MCC e-mail addresses available at: http://www.3gpp.org/About_3GPP/structure.htm).
For comment on a Feature, contact the feature's responsible MCC support.
For general comments, contact Alain Sultan at: alain.sultan@etsi.fr, mentioning in the e-mail subject "General comment on the Work Plan".

Specific comments for this version

Main changes between version November 24th and December 12th

Inputs have been received from:
S1, S3, S4, N1, N2, N4, T1, T2, GERAN, R2, R3, R4

The following lines have been deleted:
By T1:
2220 Testing Smart antenna
2221 Testing Node B synchronisation for TDD
2251 Start Testing [of Wide Area Data Synchronisation]
1860 UE Conformance test spec. Wide area data sync
1909 Additional signalling tests to cover VHE, OSA, MExE, W/B Telephony AMR & TrFO
1851 Conformance Test Aspects - Facsimile
2216 Testing Physical Layer [of Low Chip Rate TDD]
2219 Testing UE radio access capability
1847 UE Conformance test spec., Bearer independent CS, Protocol
1848 UE Conformance test spec., Bearer independent CS, TTCN

Main changes between version October 11th and November 24th

Inputs have been received from:
S2, N4, R1, R4

The VHE feature has been widely restructured, as proposed in S2-013060:
SA2 # 20 decided to delete the following Building Blocks:

Interaction between toolkits to enable IMS (UID 2108, Rel5, WG SA2)
Transparent roaming for services (UID 2112, Rel5, WG SA2)
Charging [for VHE] (UID 2532, Rel5, WG SA2)
Other VHE Enhancements (UID 2535, Rel5, WG SA2)

2104 (name changed) Extensions to OSA to support VHE

Other deleted lines:
Number portability in IMS (UID 1732) deleted by N4 and CN plenary
"Bearer Independence and codec control issues" (UID 1332) bellow the feature "Enable bearer independent CS architecture" (cleaned up)
UID 34005: "AMR-WB" under "Tandem Free AMR" under "Tandem Free aspects for 3G and between 2G and 3G systems", deleted by N4
UID 2099: UE triggered authentication during connections (should have been deleted some time ago)
UID 2529: UE Functionality Split deleted (duplicated with UID 31013 UE Functionality Split)

Comments

The following Features need to be restructure:

- VHE/OSA

Detailed changes

The detailed changes are provided in the "notes" field of the modified WIs.

General recurrent information

This paragraph contains recurrent information provided to the reader not familiar with the 3GPP Work Plan.

General description

The Work Plan is a living document, aiming at providing co-operations between all the 3GPP TSGs and WGs to help them reaching common targets.
These targets are called "**Features**", and are new or substantially enhanced functionality which represents added value to the existing system. A feature should normally embody an improved service to the customer and / or increased revenue generation potential to the supplier. The features are divided into "**Building Blocks"**, a BB being a set of technical functionality which would generally be expected to reside in a single system element, i.e. a single physical or logical entity or a single protocol. The Building Blocks are divided into "**Work Tasks"**, a WT being by definition handled by a single Working Group. The output of a work task is the creation of one or more new Technical Specifications (or Reports) and / or Change Requests to existing TSs / TRs.
These definitions are extracted from SP-000109.

This tree structure is established to ease the monitoring of the 3GPP work progress for R00, and to make explicit the purpose of the work assigned to one WG in the global system.

A **Work item** is a generic term to refer to a *feature*, *building block* or *work task*, i.e. all the lines of the Work Plan are work items. A full description of the a work item can be found in the 3GPP Working Procedures, available at http://www.3gpp.org/About_3GPP/3gpp_wp.zip .

The Work Plan is provided in the form of a Gantt chart: the left part contains the names and attributes of the Work Items, the right part contains a calendar view reflecting the work progress (blue and grey lines apply to foreseen tasks, black lines for completed tasks).
The indentation of WI names reflects the hierarchical level in the tree structure (Features, Building Blocks, and Work Tasks).
A "Tracking Gantt" is used (since version 2001, July the 11th) instead of the "simple" Gantt used before. This means that bellow each Gantt line (horizontal blue line in the right part of the document), there is a thin horizontal black line showing the previously foreseen start and end dates. This enables tracking the slipping of dates. This is reset after each plenary.

Attributes applicable to a WI

From the Work Plan perspective, a WI is fully characterised by the following set of attributes:

1. Unique ID
2. Name
3. Release (based on the completion date). It applies to non-splitable features. If the feature is splitable, it applies to each individual Building Block composing the feature, provided that the Building Blocks are non-splitable. It does not apply to Feasibility Studies, Testing nor Charging Activities.
4. Splitable: defines whether the WI has to be considered as a single block or if it can be realised onto different releases
5. Acronym
6. Resource name: defines the responsible WG or TSG
7. Modified (see next section)
8. Modified since last TSG (see next section)
9. Start
10. Finish
11. % completed
12. Impacted TS and TR
13. Approval Level: MCC<CHAIR<WG<TSG. Each level can delete the proposal from the levels bellow. Only TSG Approved Wis are officially approved. All the other Wis are proposals, more or less stable according to the approval level.
14. Last modif, containing the date of the last modification. Note: this field has been recently added. The value has been initialised to April, 1st.
15. Hyperlink (to the proposed/approved WI coversheet)

16. WI rapporteur name
17. WI rapporteur e-mail
18. MCC responsible: defines who in MCC is responsible in monitoring the overall Feature.
19. Notes (free field).

The fields Start, Finish and % completed are calculated for summary tasks.
For better readability, only some of these attributes are shown in the PDF views.

How the changes on the Work Plan are tracked?

The changes are tracked at two level: a global one, stressing out the overall changes of the Work Plan, and a more detailed one, making use of the "notes" field.

Global level

The global level is a text of some paragraphs listing the main changes. For readability reasons, the global level is not part of the MS Project Work Plan but is contained in this present Work Plan cover page.
The global level shall at least:

- Report creation and deletion of Features and Building Blocks. It is not requested to mention the creation and deletion of Work Tasks (but this can be done if judged relevant by the MCC responsible person).

The global level is updated before each set of plenary meetings.

Detailed level

The detailed level is a set of comments provided in the "notes" field text of each modified WI (a WI is identified by its Unique ID).
Even at the "detailed level", not all the modifications have to be mentioned: some fields are by nature subject to constant updates (e.g. "% completed"), so it would be a waste of time to keep track of these changes.
The fields subject to change tracking are the following ones:

- Name
- Release
- Splitable (defines whether the WI has to be considered as a single block or if it can be realised onto different releases)
- Acronym
- Resource name (defines the responsible WG or TSG)
- Finish date

The other ones -listed bellow- are not subject of change tracking. Change tracking on these ones is up to the MCC responsible person. These are:

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

The detailed level is updated each time a line is modified or created. In addition, a new field called "last modif" has been created (initialised to April, 1st) to provide the date of the latest modification of the WI.

History

This section is reset after each plenary meeting.

Main changes between version October 9th and October 11th

The missing approved WIs at SA#13 from S1 have been included:
Digital Right Management (UID 31010)
UMTS-WLAN interworking (UID 31012)
UE Split (UID 31013)

as well as
Priority Service (UID 30000).

The complete Work Plan has been rearranged: all the Features applicable to Rel4 only have been put at the end of the Plan, to improve the readability.

The N1 task on WB-AMR has been reintroduced (UID 1656), in addition to the task from N4 added in the previous version.

The N1 and N4 tasks on Iu-flex has been reintroduced (UID 2248 and 2249), whereas the UID 10000 (general CN work on Iu-flex) has been deleted.

Main changes between version September 19th and October 9th

Inputs have been received from:
S1, S2, S4, S5, N1, N2, N3, N4, N5, T1, T2, T3, R2, R4, GERAN

The IMS feature has been widely restructured, as proposed in SP-010550.

UID 2126 (Open SMLC-SRNC Interface within the UTRAN to support A-GPS Positioning, Stage 3 RAN2) has been deleted by RAN2.

UID 2245 (RAN work of Iu-flex) is deleted, replaced by 20000 (Stage 3: RAN node selecting CN node)

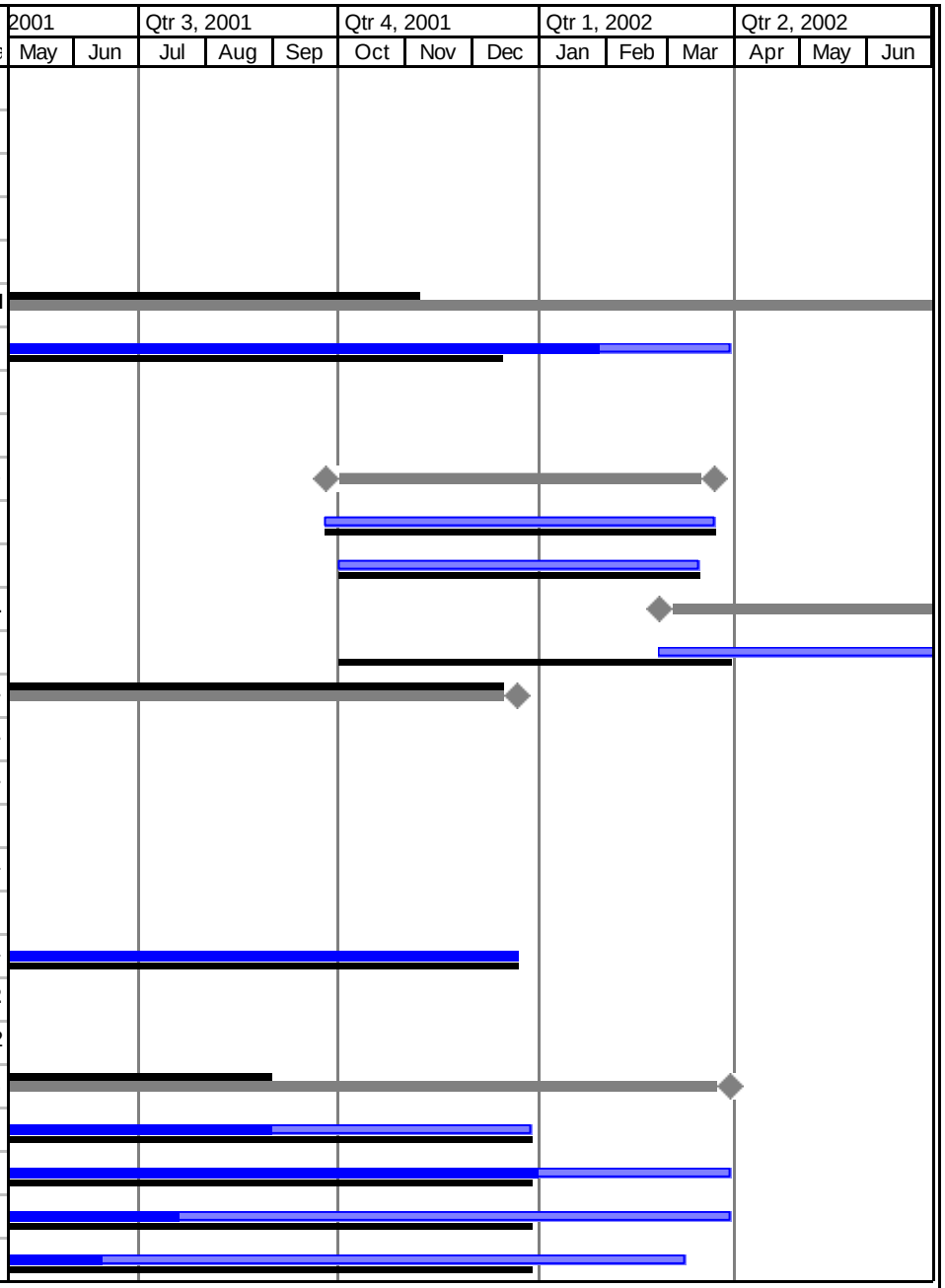
UID 2247 (CN work of Iu-flex) is deleted, replaced by 10000 (Stage 3: CN node selection at inter-CN node change)

UID 1809 (Terminal aspects of GTT) is deleted by T2.

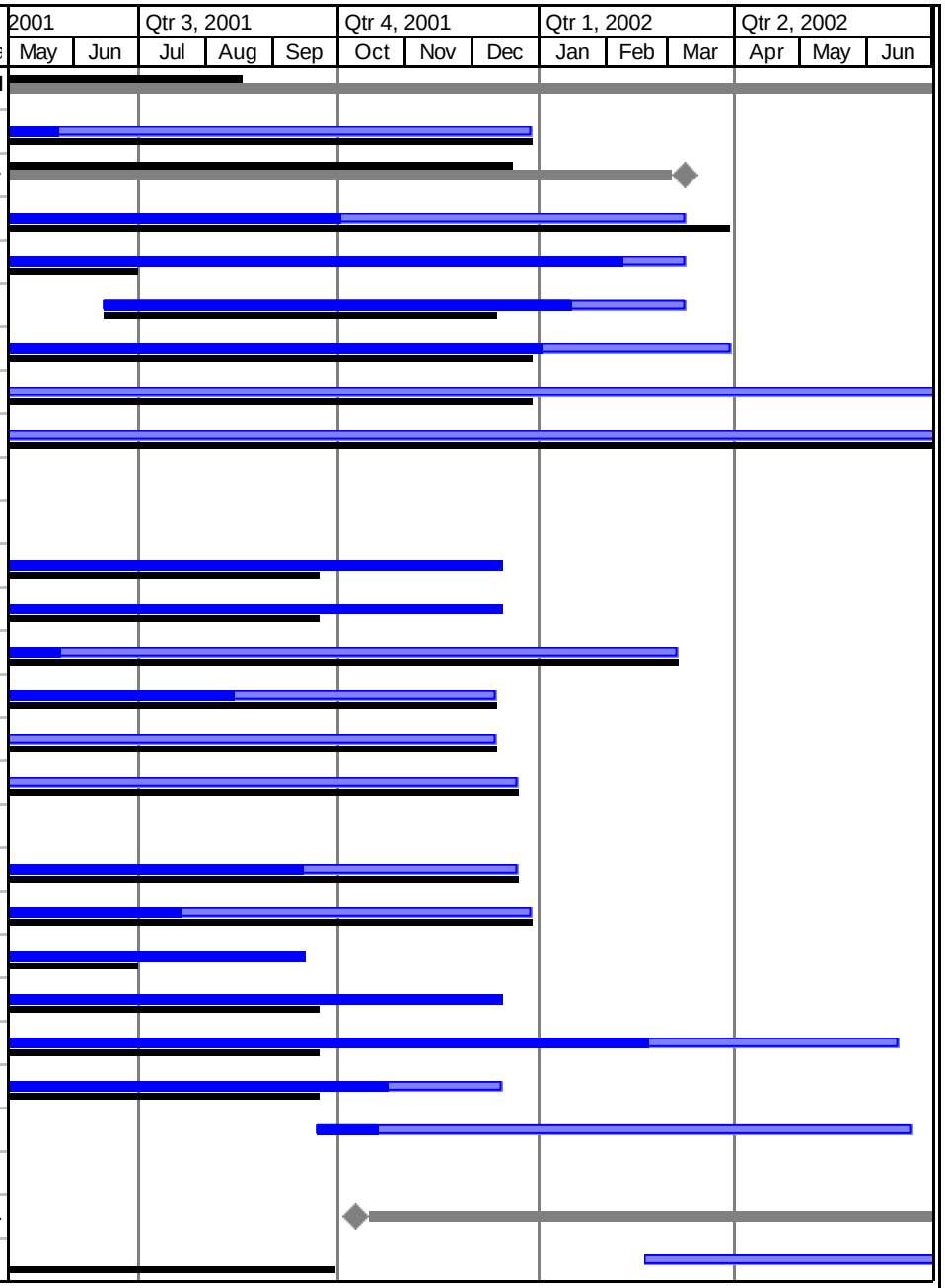
Two new features have been added:
Speech Recognition and Speech Enabled Services
and
Generic User Profile

(detailed inputs available at: ftp://ftp.3gpp.org/Information/WORK_PLAN/inputs_considered)

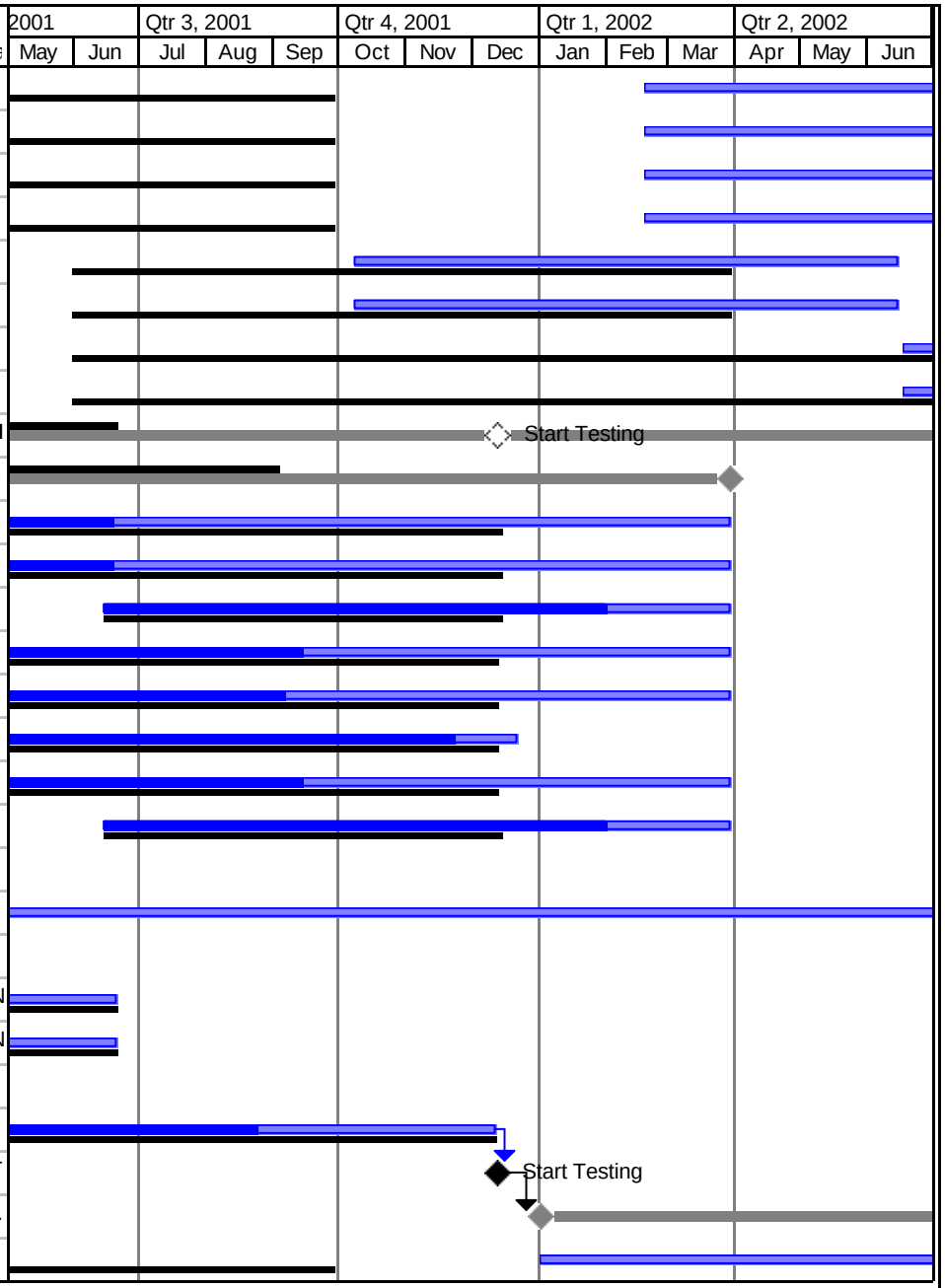
ID	Unique_II	Name	Release	Splita	Resource Na
1	2044	**VERSION 2001 December 12th**		No	
2	1462	**"CTRL + a" to display all the 3GPP fields**		No	
3	2058	**Content of Rel4 frozen. Rel5 and after not froz**		No	
4					
5	96			No	
6	**2**	**Evolutions of the transport in the UTRAN**	**NA**	**Yes**	**TSG RAN**
7	625	**IP transport in the UTRAN**	Rel5	No	WG RAN3
8	12	**QoS optimisation for AAL2 connections over Iub**	Rel4	No	WG RAN3
9	1995	**Transport bearer modification procedure on Iub**	Rel4	No	WG RAN3
10	**2257**	**Evolution of transport in UTRAN and GERAN**	**Rel5**	**No**	**WG RAN3**
11	2258	Addition of transport mechanisms other than ATM for Iu - I		No	WG RAN3
12	2259	Addition of transport mechanisms other than ATM for Iu -		No	WG RAN3
13	**1834**	**Conformance Test Aspects**		**No**	**WG T1**
14	2208	Testing RAB support enhancements		No	WG T1
15	**4**	**Evolutions of the transport in the CN**	**NA**	**Yes**	**WG CN4**
16	**859**	**IP Transport of CN protocols (e.g., CAP, MAP)**	**Rel4**	**No**	**WG CN4**
17	**1679**	Stage 3		**No**	**WG CN4**
18	2018	CAP		Yes	WG CN2
19	2019	MAP		No	WG CN4
20	2253	BSSAP+		No	WG CN1
21	2455	**FS on Usage of SUA**	Rel5	No	WG CN4
22	**1513**	**FS on Transport and control separation in the P**	**Rel4**	**No**	**WG SA2**
23	1615	Architectural impacts		No	WG SA2
24	**2476**	**High Speed Downlink Packet Access**	**Rel5**	**No**	**WG RAN2**
25	2477	**Physical Layer**		No	WG RAN1
26	2478	**Layer 2 and 3 aspects**		No	WG RAN2
27	2479	**Iub/Iur protocol aspects**		No	WG RAN3
28	2480	**RF Radio Transmission/ Reception, System Perf**		No	WG RAN4



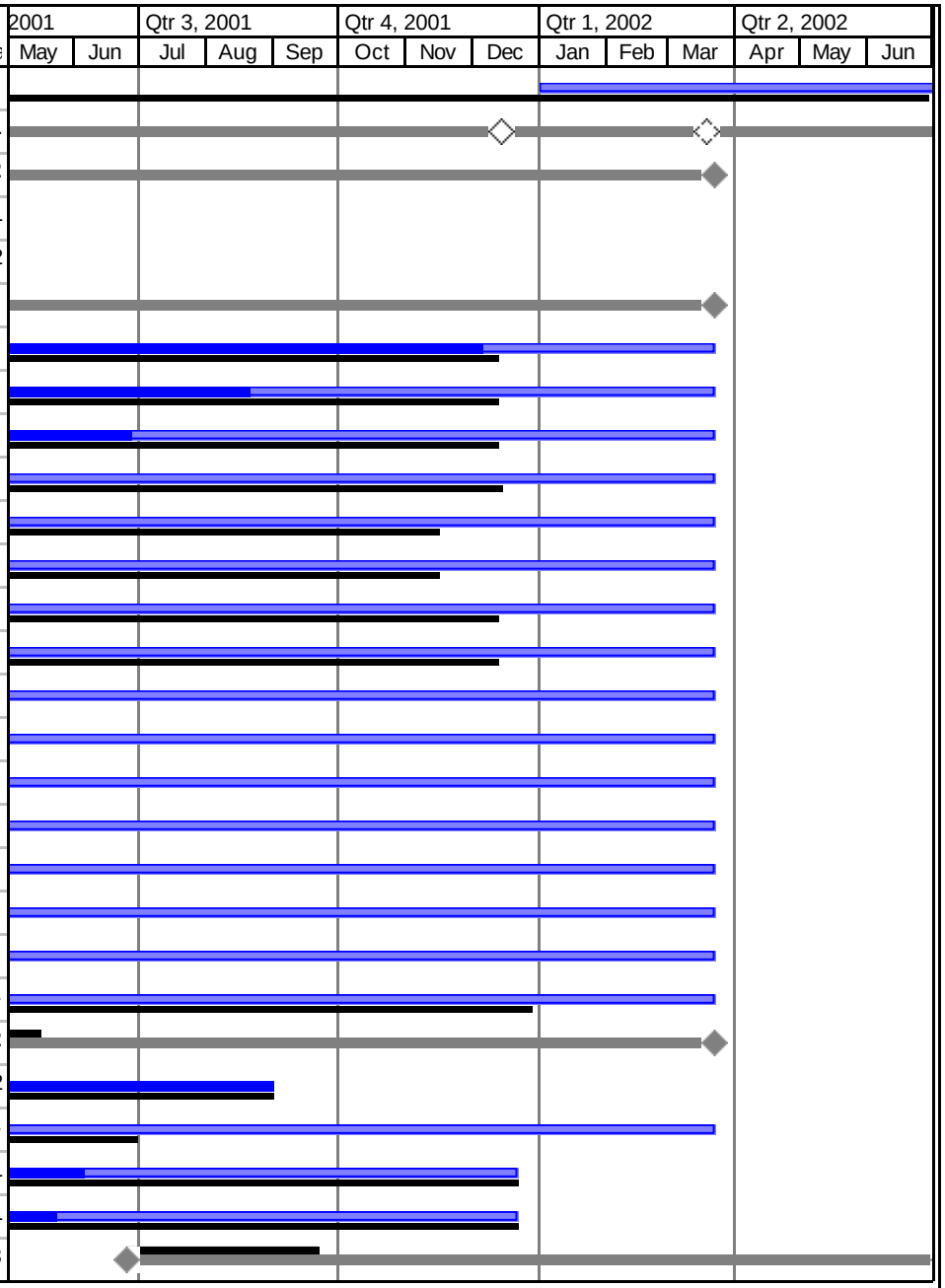
ID	Unique_ID	Name	Release	Split	Resource Name
29	**1216**	**Improvements of Radio Interface**	**NA**	**Yes**	**TSG RAN**
30	1470	**Improvement of inter-frequency and inter-syste**	Rel5	No	WG RAN1
31	**1471**	**Base station classification**	**Rel5**	**No**	**WG RAN4**
32	1476	FDD Base station classification		No	WG RAN4
33	1477	TDD Base station classification		No	WG RAN4
34	24002	Base Station Classification for 1.28 Mcps TDD option		No	WG RAN4
35	1217	**Hybrid ARQ II/III**	Rel5	No	WG RAN2
36	1218	**Improved usage of downlink resource in FDD for**		No	WG RAN2
37	1507	**Terminal Power Saving features**		No	WG RAN2
38	1509	**UTRA repeater specification (master)**	Rel4	No	WG RAN4
39	1994	**DSCH power control improvement in soft handc**	Rel4	No	WG RAN1
40	1996	**UMTS 1800**	el indep	No	WG RAN4
41	2467	**UMTS 1900**	el indep	No	WG RAN4
42	2468	**Multiple Input Multiple Output antennas (MIMO)**	Rel6	No	WG RAN1
43	2469	**Enhancement on the DSCH hard split mode**	Rel5	No	WG RAN1
44	2471	**FS on Fast Cell Selection (FCS) for HS-DSCH**	Rel5	No	WG RAN1
45	1506	**FS on Radio link performance enhancements**	Rel5	No	WG RAN1
46	1219	**FS on High Speed downlink packet access**		No	WG RAN2
47	1221	**FS on USTS**	Rel5	No	WG RAN1
48	1510	**FS on improved common DL channel for Cell-FA**		No	WG RAN2
49	1997	**FS on UE antenna efficency test method perforr**	Rel5	No	WG RAN4
50	2494	**FS on the re-introduction of the downlink SIR m**	Rel5	No	WG RAN4
51	24001	**FS on UTRA WideBand Distribution Systems**	Rel5	No	WG RAN4
52	2493	**FS on mitigating the effect of CPICH interferenc**	Rel5	No	WG RAN4
53	24003	FS for the viable deployment of UTRA in additional and diverse	Rel6	No	WG RAN4
54	0	**TO BE COMPLETED: FS on considering deployr**		No	
55	**1839**	**Conformance Test Spec. improvements in Radic**		**No**	**WG T1**
56	2210	Testing improvement of inter-frequency and inter-system r		No	WG T1



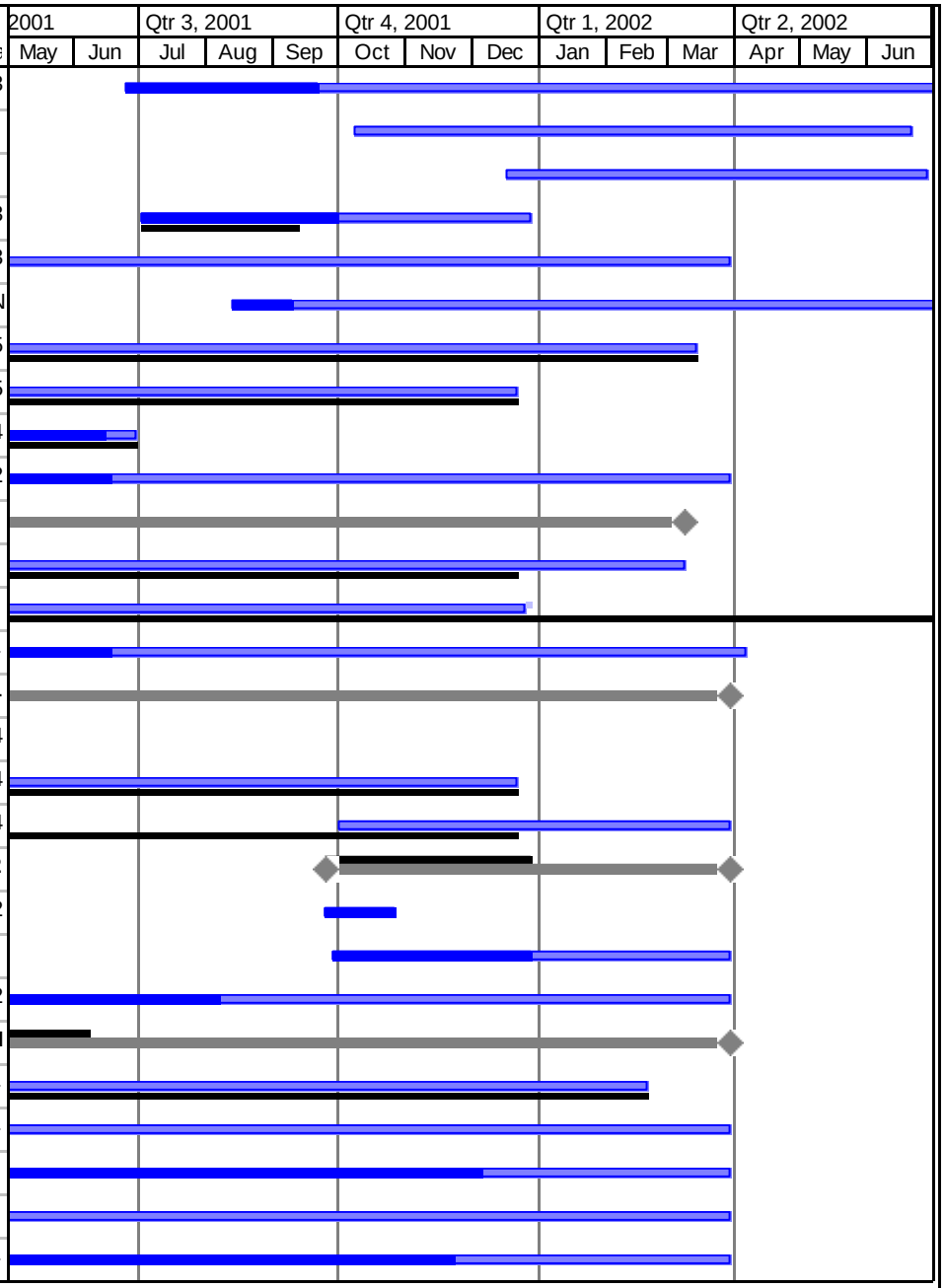
ID	Unique_II	Name	Release	Splita	Resource Na
57	2211	Testing Hybrid ARQ II/III		No	WG T1
58	2212	Testing Improved usage of downlink resource in FDD for C		No	WG T1
59	2213	Testing Terminal Power saving features		No	WG T1
60	2214	Testing DSCH power control improvement in soft handove		No	WG T1
61	2215	Testing UMTS 1800		No	WG T1
62	41000	Testing UMTS 1900		No	WG T1
63	2561	Testing UMTS 1800 - TTCN		No	WG T1
64	41001	Testing UMTS 1900 - TTCN		No	WG T1
65	**9**	**RAN improvements**	**NA**	**Yes**	**TSG RAN**
66	**656**	**RRM optimization for Iur and Iub**	**Rel5**	**No**	**WG RAN3**
67	23000	Iur common transport channel efficiency optimisation		No	WG RAN3
68	23001	Iur neighbouring cell reporting efficiency optimisation		No	WG RAN3
69	23002	Introduction of direct transport bearers between SRNC an		No	WG RAN3
70	2488	**RL Timing Adjustment**	Rel5	No	WG RAN3
71	2489	**Separation of resource reservation and radio lir**	Rel5	No	WG RAN3
72	2490	**Improvement of Radio Resource Management a**	Rel5	No	WG RAN3
73	2491	**Re-arrangements of Iub transport bearers**	Rel5	No	WG RAN3
74	23003	**SRNS Relocation Procedure Enhancement**	Rel5	No	WG RAN3
75	655	**Node B synchronisation for TDD**	Rel4	No	WG RAN1
76	624	**RAB support enhancement - except Robust Heac**		No	WG RAN2
77	2206	**RAB support enhancement - Robust Header Cor**	Rel4	No	WG RAN2
78	1680	**Header compression removal/stripping in the R/**	Rel5	No	TSG RAN
79	1686	**Unequal error protection in PS domain in the R/**	Rel5	No	TSG RAN
80	20999	**Beamforming (to be completed)**		No	
81	2472	**Node B Synchronisation for 1.28 Mcps TDD**	Rel5	No	WG RAN1
82	1912	**Start Testing**		No	MLST
83	**2102**	**Conformance Test Aspects - RAN Improvements**		**No**	**WG T1**
84	2222	Testing Radio access bearer support enhancments		No	WG T1



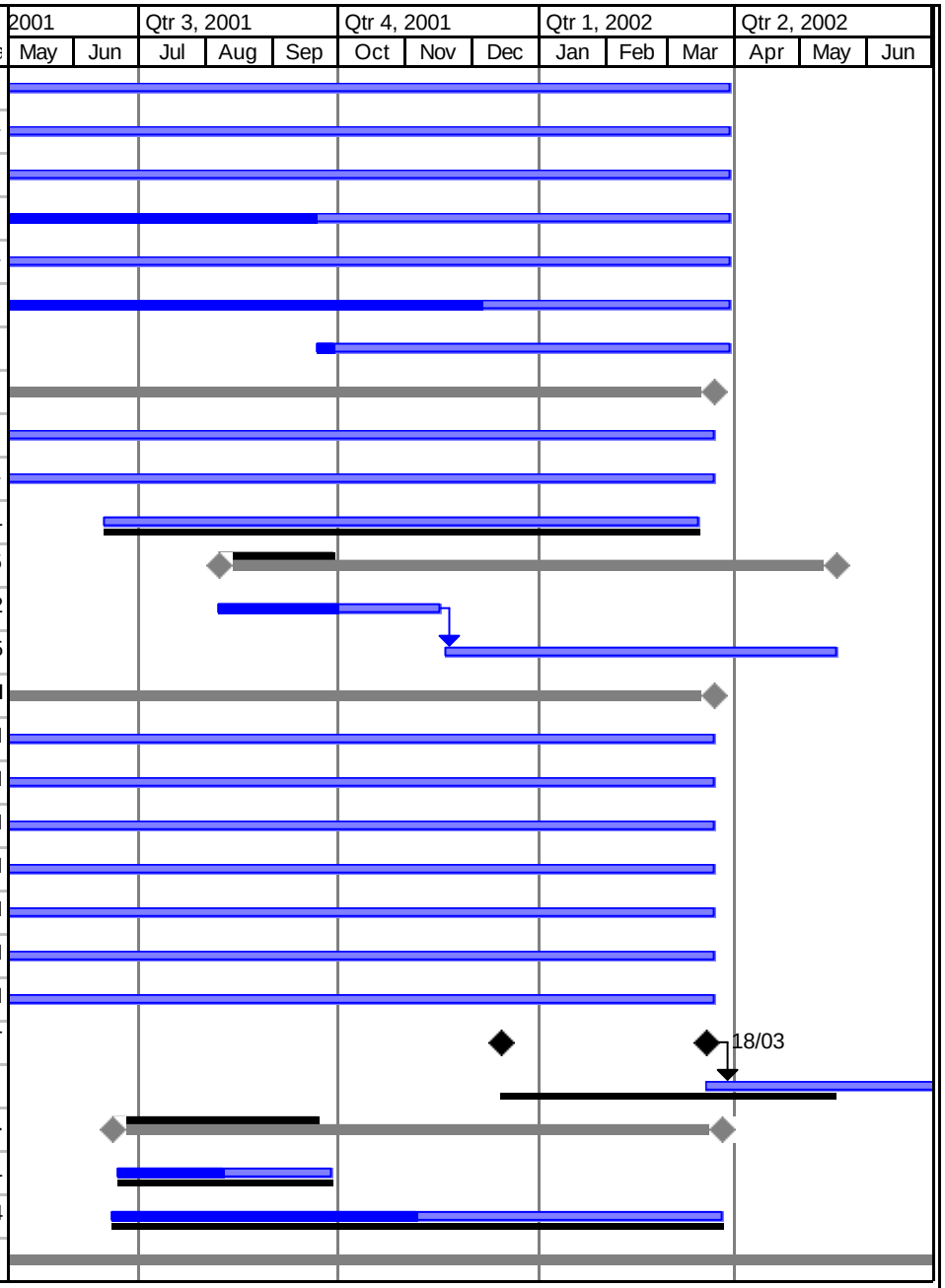
ID	Unique_ID	Name	Release	Split	Resource Name
85	2461	Testing RAB support enhancements-Robust Header Comp		Yes	WG T1
86	**1273**	**Provisioning of IP-based multimedia services**	**NA**	**Yes**	**WG SA1**
87	**1274**	**Call control and roaming to support IMS in UMT**	**Rel5**	**No**	**WG SA2**
88	1633	Stage 1		No	WG SA1
89	1514	Stage 2 (Architecture and Main flows)		No	WG SA2
90	**2233**	SIP Call Control protocol for the IMS		**No**	**WG CN1**
91	1998	IMS signalling flows		No	WG CN1
92	1278	IMS stage 3		No	WG CN1
93	2255	IMS Session Handling; stage 2		No	WG CN1
94	2521	IETF: draft-ietf-sip-rfc2543bis (Session Initiation Proto		No	WG CN1
95	2522	IETF: draft-sip-manyfolks-resource (Without COMET)(		No	WG CN1
96	2523	IETF: draft-ietf-sip-100rel (Reliability of Provisional Res		No	WG CN1
97	2524	IETF: draft-ietf-sip-privacy (SIP extensions for caller i		No	WG CN1
98	2525	IETF: draft-ietf-sip-call-auth (SIP extensions for media		No	WG CN1
99	11000	IETF: draft-ietf-sip-events (specific event notification)		No	WG CN1
100	11001	IETF: draft-ietf-sip-refer (refer method)		No	WG CN1
101	11002	IETF: draft-ietf-sip-dhcp (DHCP options for SIP server		No	WG CN1
102	11003	IETF: draft-biggs-sip-replaces (SIP replaces header)		No	WG CN1
103	11004	IETF: draft-ietf-avt-rtp-amr (AMR and AMR WB RTP ar		No	WG CN1
104	11005	IETF: draft-ietf-mmusic-sdp-new (IPv6 support within		No	WG CN1
105	11006	IETF: draft-ietf-sip-serverfeatures (SIP supported hea		No	WG CN1
106	1280	SIP SS and relationship to Mg, Mw and Cx		No	WG CN4
107	**1290**	Addressing		**No**	**WG SA2**
108	1291	Architectural issues		No	WG SA2
109	1292	Impact on HSS		No	WG CN4
110	2530	Service Examples		Yes	WG SA1
111	2531	IMS Framework Report		Yes	WG SA1
112	**1298**	**Access Security for IMS**	**Rel5**	**No**	**WG SA3**



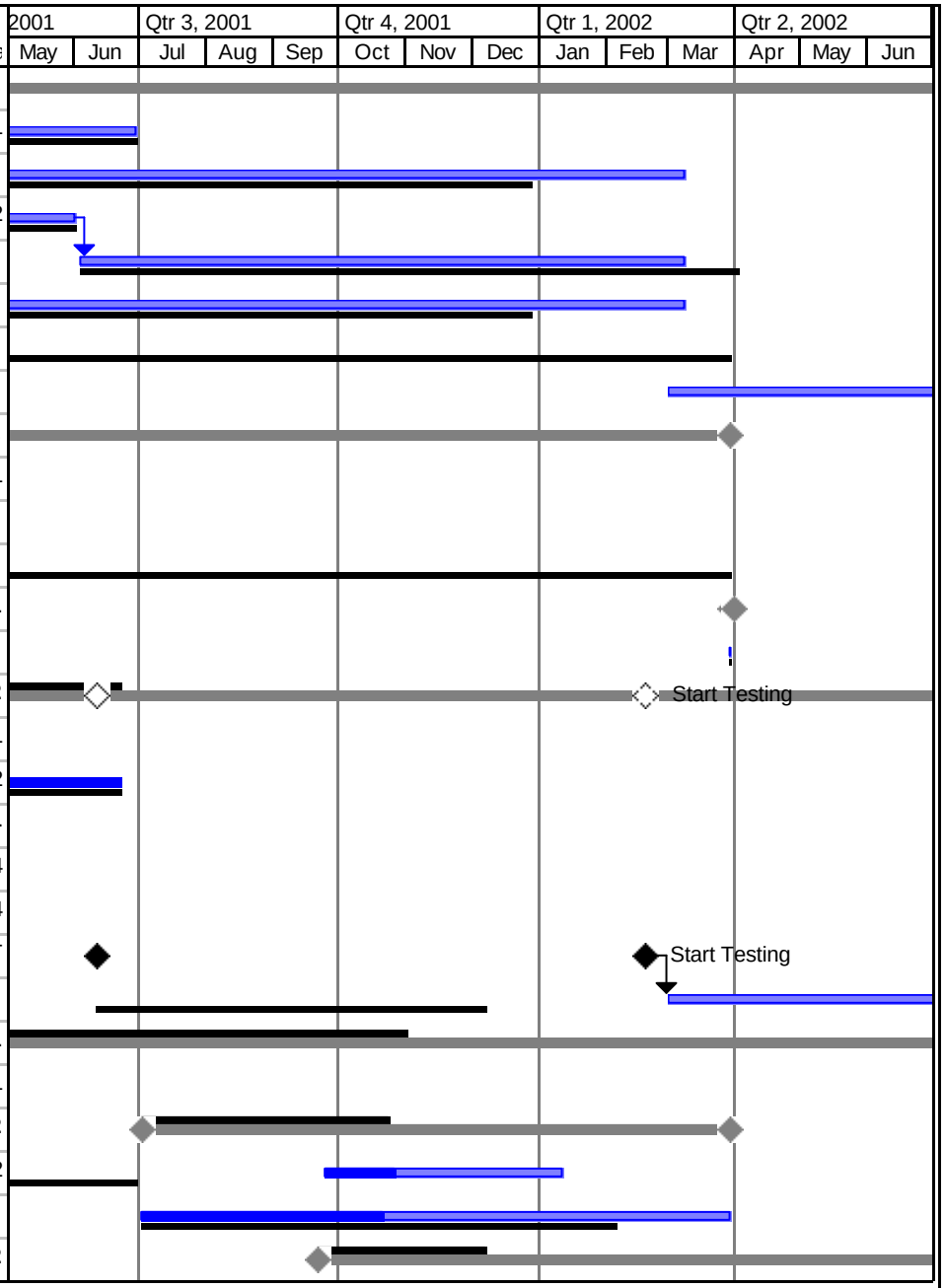
ID	Unique_II	Name	Release	Splita	Resource Na
113	33000	SA3 task		No	WG SA3
114	43000	IMS impacts on UICC		No	WG T3
115	11014	SIP extensions for Integrity protection		No	WG CN1
116	2574	**Security Aspects of Requirement for Network Cc**	Rel5	No	WG SA3
117	1299	**Lawful interception**	?	Yes	WG SA3
118	0	**(copy) GERAN support of IMS**		No	TSG GERAN
119	2242	**Charging Management for IMS**	Rel5	No	WG SA5
120	0	**(copy) Charging and OAM&P**		No	WG SA5
121	0	**(Copy) AMR-WB**	?	Yes	WG SA4
122	0	**(copy) End-to-end QoS**		No	WG SA2
123	**2048**	**Interworking between IMS and IP networks**		**No**	**WG CN3**
124	1296	Impact on MM/CC/SM		No	WG CN1
125	2047	**Interworking between IMS and CS networks**		No	CN4;WG CN3
126	14000	**SIP SS and realtionship to Mg, Mw, Cx**	?	Yes	WG CN4
127	**2036**	**Multimedia codecs and protocols for conversati**		**No**	**WG SA4**
128	2039	Codecs		No	WG SA4
129	2040	performance characterisation of codec	?	Yes	WG SA4
130	34006	recommendation for QoS parameter values for various me		No	WG SA4
131	**32003**	**SIP message compression**		**No**	**WG SA2**
132	32004	Stage 2		No	WG SA2
133	11015	Compression signalling		No	WG CN1
134	32005	**IMS Local services**	?	Yes	WG SA2
135	**10001**	**Stage 3 description of IMS interfaces**		**No**	**TSG CN**
136	1286	Cx interface (HSS to CSCF)		No	WG CN4
137	14001	MC interface (IM-MGW to MGCF) enhancements	?	Yes	WG CN4
138	11016	Mw interface (CSCF to P-CSCF)		No	WG CN1
139	11017	Mm interface (CSCF to external IP multimedia network)		No	WG CN1
140	14002	Mg interface (CSCF to MGCF - interworking with CS)		No	WG CN4



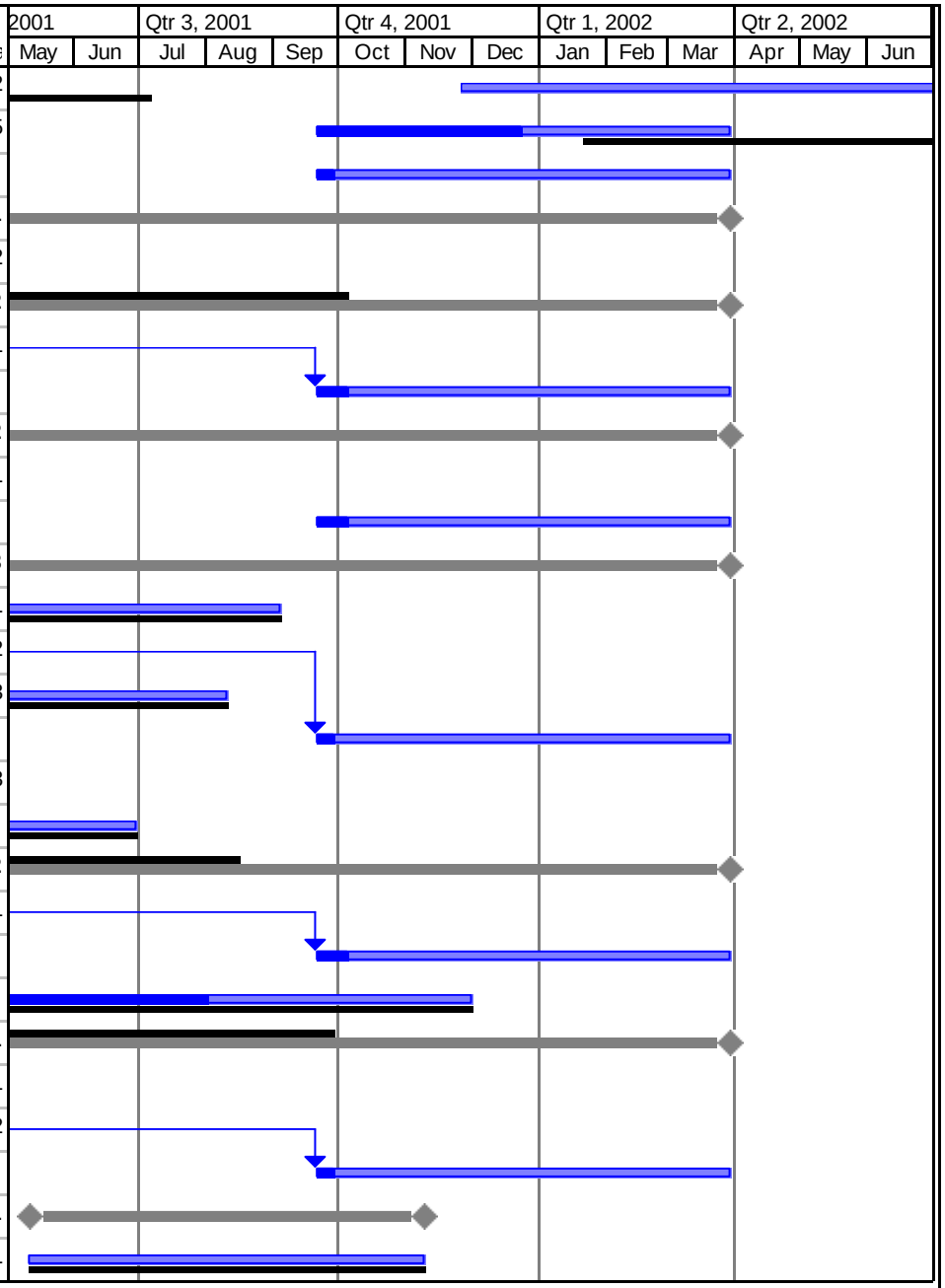
ID	Unique_II	Name	Release	Splita	Resource Na
141	11018	Mr interface (CSCF to MRF)		No	WG CN1
142	14003	Dx interface (I-CSCF to SLF)	?	Yes	WG CN4
143	13001	Go interface (GGSN to PCF)		No	WG CN3
144	11019	ISC (IMS Service Control) Interface		No	WG CN1
145	14006	Sh interface (HSS to AS)	?	Yes	WG CN4
146	11020	Gm interface (UE to CSCF)		No	WG CN1
147	1310	**Support of VHE/OSA by entities and protocols o**	?	Yes	WG CN5
148	**12000**	**Support of CAMEL by the IMS**	**?**	**Yes**	**WG CN2**
149	12001	General issues	?	Yes	WG CN2
150	14004	SDM issues for CAMEL control of IMS	?	Yes	WG CN4
151	31002	**Pre-pay/real-time charging in IMS**		No	WG SA1
152	**35005**	**Charging**		**No**	**WG SA5**
153	32006	Charging Implications of IMS architecture		No	WG SA2
154	35006	Charging management for IMS		No	WG SA5
155	**10002**	**Other IETF depencies**		**No**	**TSG CN**
156	11007	IETF: draft-ietf-sip-session-timer		No	TSG CN
157	11008	IETF: draft-agrawal-sip-h323-interwrkng-reqs		No	TSG CN
158	11009	IETF: draft-ietf-sip-callerprefs		No	TSG CN
159	11010	IETF: draft-ietf-sip-state		No	TSG CN
160	11011	IETF: draft-ietf-aaa-diameter		No	TSG CN
161	11012	IETF: draft-ietf-sip-isup		No	TSG CN
162	11013	IETF: draft-ietf-sip-isup-header		No	TSG CN
163	1913	**Start Testing**		No	MLST
164	1844	**Conformance Test Aspects - Provisioning of IMS**		No	WG T1
165	**34001**	**Extended Transparent End-to-End PS Streami**	**Rel5**	**No**	**WG SA4**
166	34002	**Stage 1**		No	WG SA1
167	34003	**Stage 2 (version Rel5 of TS 26.234)**		No	WG SA4
168	**1652**	**Emergency call enhancements**	**NA**	**Yes**	**WG CN1**



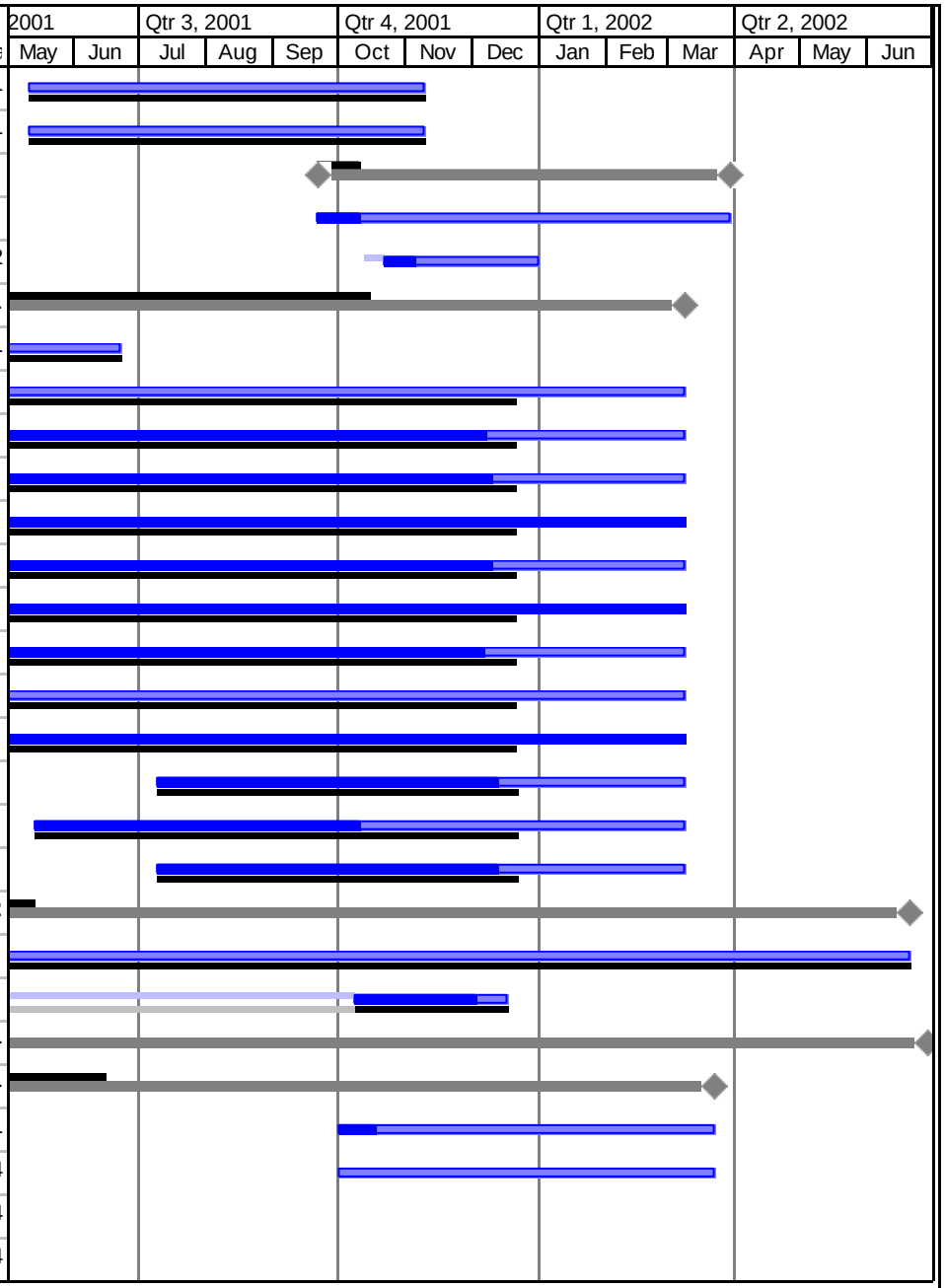
ID	Unique_ID	Name	Release	Splita	Resource Na
169	**1653**	**For IP & PS based calls**	**Rel5**	**No**	**WG CN1**
170	1314	Service Requirements for IP-based emergency calls		No	WG SA1
171	1315	SIP emergency calls and packet emergency calls signallin		No	WG CN1
172	1316	Stage 2 for emergency calls and packet emergency calls i		No	WG SA2
173	1317	Distinction of emergency call types to different emergency		No	WG CN1
174	1646	Stage 3 for emergency calls and packet emergency calls i		No	WG CN1
175	2224	Conformance Test Aspects - Emergency call enhancemer		No	WG T1
176	2225	Testing Stage 3 for emergency calls and packet emergenc		No	WG T1
177	**1654**	**For CS based calls**	**Rel4**	**No**	**WG CN1**
178	1320	Distinction in CS domain of emergency call types to differe		No	WG SA1
179	1999	Distinction in CS domain of emergency calls to different er		No	WG CN1
180	2224	Conformance Test Aspects - Emergency call enhancemer		No	WG T1
181	**2226**	Testing CS based emergency calls		**No**	**WG T1**
182	2563	Testing CS based emergency calls - TTCN		No	WG T1
183	**1517**	**Global Text Telephony**	**Rel5**	**No**	**WG SA2**
184	1634	**Stage 1**		No	WG SA1
185	1519	**Stage 2**		No	WG SA2
186	**2234**	**Specification of Cellular Text telephone Modem**		**No**	**WG SA4**
187	2238	General description and C-code		No	WG SA4
188	2237	Minimum Performance requirements		No	WG SA4
189	1915	**Start Testing**		No	MLST
190	1852	**Conformance Test Aspects - Global Text telephc**		No	WG T1
191	**1367**	**VHE enhancements**	**NA**	**Yes**	**WG SA1**
192	2498	**Global Stage 1 for VHE Enhancements**		No	WG SA1
193	**2104**	**Extensions to OSA to support VHE**	**Rel5**	**No**	**WG SA2**
194	2106	Overall Stage 2		No	WG SA2
195	2107	Detailed Stage2 and Stage 3		No	WG CN5
196	**1368**	**Detailed definition of the VHE user profile**	**Rel6**	**No**	**WG SA2**



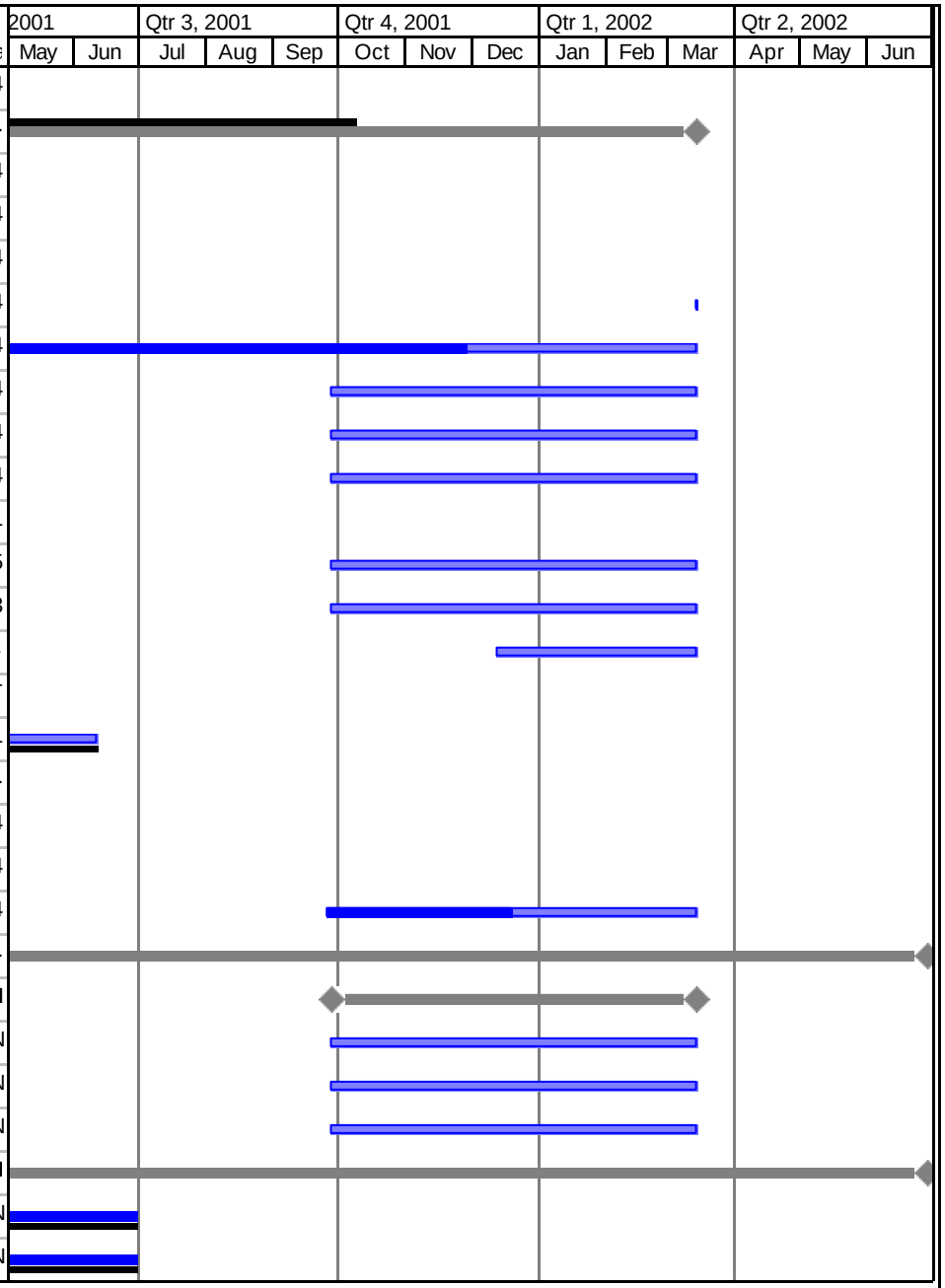
ID	Unique_II	Name	Release	Splita	Resource Na
197	1404	Stage 2		No	WG SA2
198	2123	Enhanced Subscription Management & User Profile	Rel5	No	WG SA5
199	0	**(copy) OSA Stage 3**	Rel5	No	WG CN5
200	**1637**	**OSA enhancements**	**NA**	**Yes**	**WG SA1**
201	2120	**General Stage 2 for Rel4**		No	WG SA2
202	**1424**	**Interactions OSA - e-commerce**	**Rel5**	**No**	**WG SA2**
203	1425	Stage 1		No	WG SA1
204	1529	Stages 2 and 3		No	WG CN5
205	**1429**	**OSA APIs for MuMa CC**	**Rel5**	**No**	**WG SA2**
206	1430	Stage 1		No	WG SA1
207	1530	Stages 2 and 3		No	WG CN5
208	**1419**	**OSA security**	**Rel5**	**No**	**WG SA3**
209	2121	Stage 1		No	WG SA1
210	1420	Stage 2		No	WG SA2
211	1421	Stage 3		No	WG SA3
212	1422	security related SCF(s) definition		No	WG CN5
213	1423	(possibly) changes required from supporting platforms, e.g		No	WG SA3
214	1621	impact on terminal		No	WG T2
215	**1433**	**Retrieval of Terminal capabilities**	**Rel5**	**No**	**WG SA2**
216	1434	Stage 1		No	WG SA1
217	1436	Stages 2 and 3		No	WG CN5
218	2122	Provisionning of the terminal capabilities		No	WG T2
219	**1786**	**LCS - OSA interfaces**	**Rel5**	**No**	**WG SA1**
220	1787	Stage 1		No	WG SA1
221	2124	Stage 2		No	WG SA2
222	1788	Stage 3		No	WG CN5
223	**2538**	**Interaction with Rel-5 features**	**Rel5**	**No**	**WG SA1**
224	2539	Access to Presence information		No	WG SA1



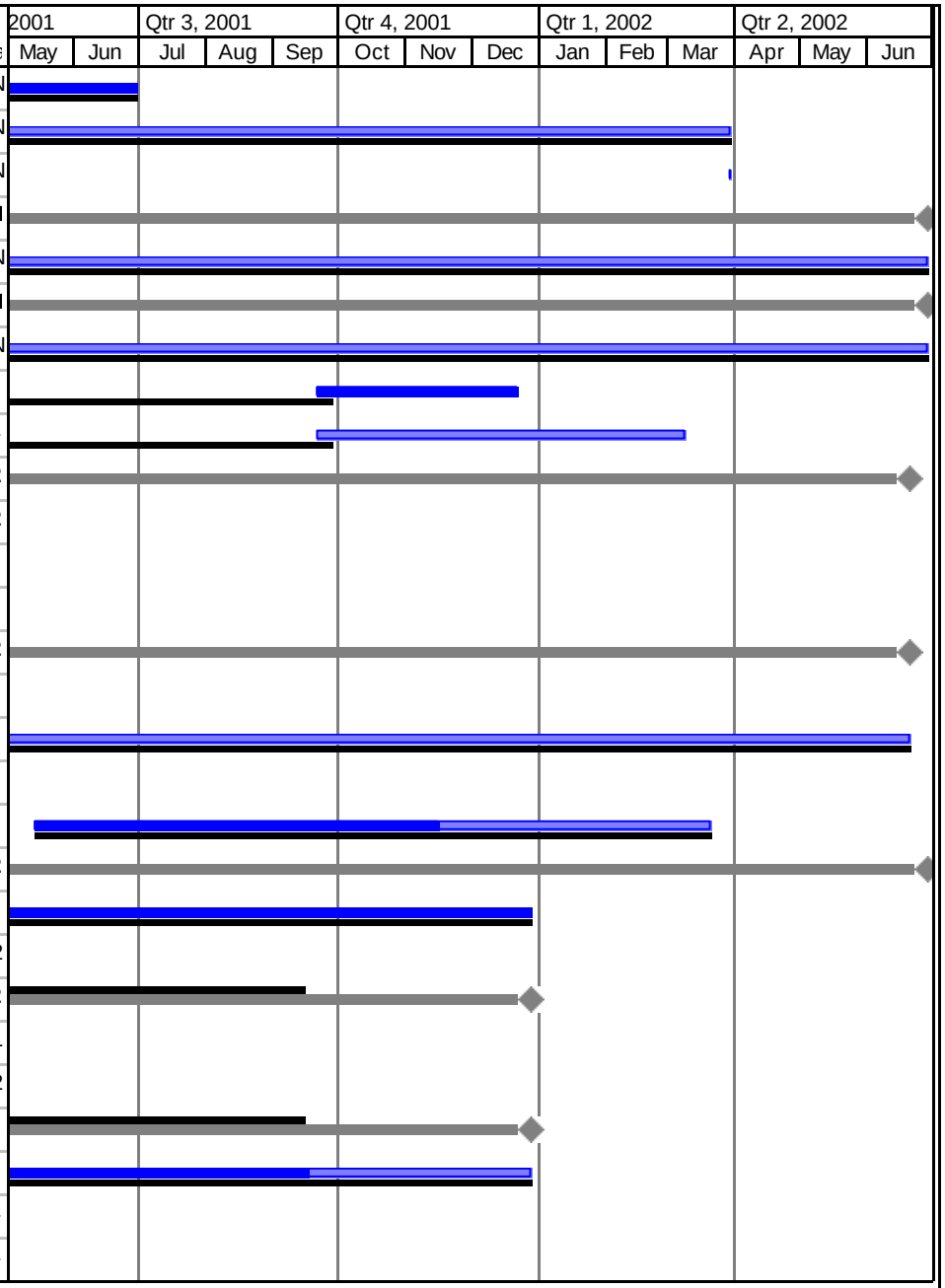
ID	Unique_ID	Name	Release	Split	Resource Name
225	2540	Access to User Profile		No	WG SA1
226	2541	Policy Management		No	WG SA1
227	**2519**	**OSA Stage 3**	**Rel5**	**No**	**WG CN5**
228	15000	OSA evolution - Stages 2 and 3	Rel5	No	WG CN5
229	0	**General Stage 2 for Rel5**		No	WG SA2
230	**1638**	**CAMEL phase 4**	**Rel5**	**No**	**WG SA1**
231	1461	**Service requirements**		No	WG SA1
232	2011	**Charging notification to the CSE**		No	WG CN2
233	2012	**Call Party Handling**		No	WG CN2
234	2013	**Mid call procedure for MO and MT calls**		No	WG CN2
235	2014	**Interactions with Optimal Routing**		No	WG CN2
236	2015	**Inclusion of flexible tone injection**		No	WG CN2
237	2016	**CSE control over MT SMS**		No	WG CN2
238	2460	**Notification of GPRS mobility management to C**		No	WG CN2
239	2459	**Enhancement of dialled services**		No	WG CN2
240	2458	**Provision of location information of called subs**		No	WG CN2
241	2514	**Inclusion of ODB data in the CSE_HLR interface**		No	WG CN2
242	2515	**Location information during an ongoing call (Ha**		No	WG CN2
243	2516	**GPRS Any Time Interrogation**		No	WG CN2
244	**2464**	**MExE enhancements Rel-5**	**Rel5**	**No**	**WG T2**
245	2465	**MExE Rel-5 Security Analyisis**		No	WG T2
246	2466	**MExE Rel-5 Improvements and Investigations**		No	WG T2
247	**1625**	**Wideband Telephony Service - AMR**	**Rel5**	**No**	**WG SA4**
248	**62**	**Specification**		**No**	**WG SA4**
249	31005	Stage 1		No	WG SA1
250	32007	Stage 2		No	WG SA4
251	1459	Design Constraints		No	WG SA4
252	1460	General Description		No	WG SA4



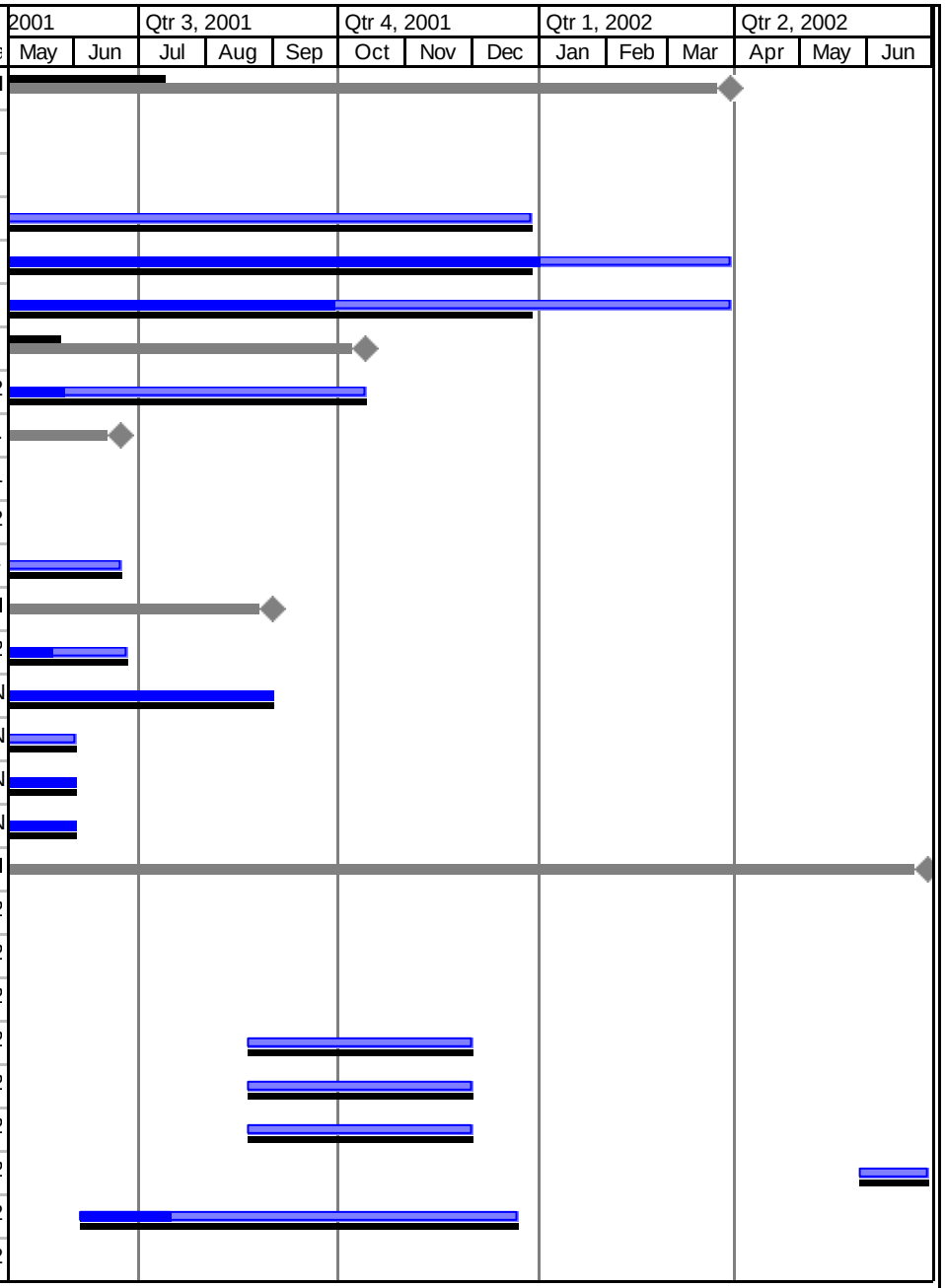
ID	Unique_II	Name	Release	Splita	Resource Na
253	1626	Feasibility Study		No	WG SA4
254	**67**	Codec issues		**No**	**WG SA4**
255	1627	Codec qualification		No	WG SA4
256	74	Codec selection tests		No	WG SA4
257	891	Codec selection		No	WG SA4
258	34007	TFO AMR-WB		No	WG SA4
259	890	Other codec issues (verif., caracterisation)		No	WG SA4
260	34008	AMR-WB and narrrowband interworking		No	WG SA4
261	34009	Interworking with fixed broadband networks		No	WG SA4
262	34010	Tones and announcements		No	WG SA4
263	34011	WB Conferencing and WB Voice Group calls		No	WG SA1
264	34012	Billing, accounting and call detail record aspects		No	WG SA5
265	34013	Legal interception		No	WG SA3
266	14999	Introduction of AMR-WB speech service		No	WG CN4
267	1989	Start Testing		No	MLST
268	1855	Conformance tests (CRs to 34 series)		No	WG SA1
269	**76**	Terminal Acoustic Characteristics		**No**	**WG SA4**
270	1628	Definition		No	WG SA4
271	1629	Test specification		No	WG SA4
272	34004	**Floating-point ANSI-C code for the AMR-WB spe**		No	WG SA4
273	**889**	**Implementation**		**No**	**WG SA4**
274	**893**	In UTRAN		**No**	**TSG RAN**
275	34014	Codec selection and GSM-UTRAN interworking		No	TSG RAN
276	34015	Radio Access Bearer optimisation		No	TSG RAN
277	34016	Radio Access Bearer renegotiation (impact at least o		No	TSG RAN
278	**80**	Support of AMR-WB in GERAN		**No**	**TSG GERAN**
279	2265	GMSK and 8PSK WB FR / HR support - Channel codir		No	TSG GERAN
280	2266	GMSK and 8PSK WB FR / HR support - Signalling for		No	TSG GERAN



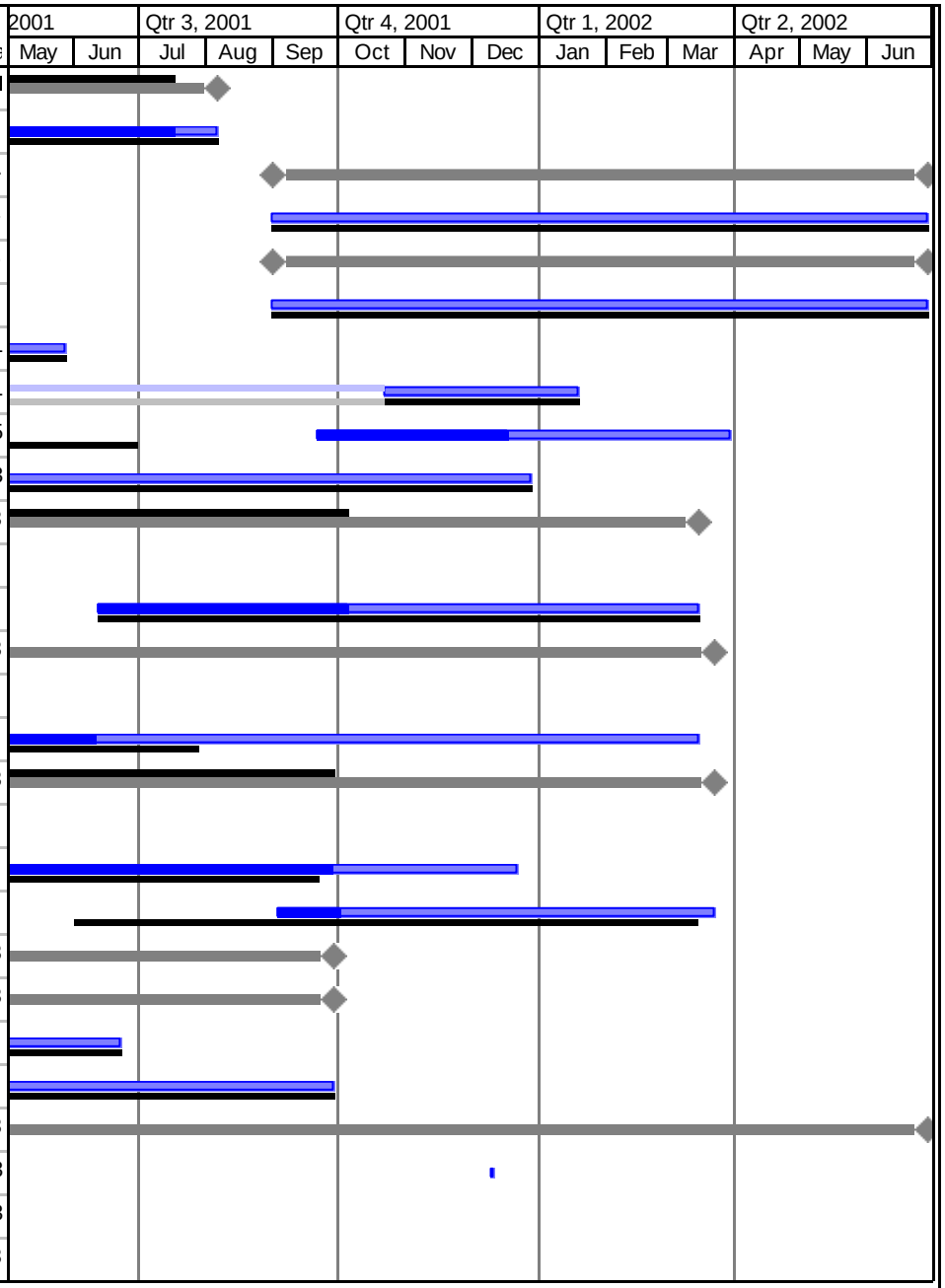
ID	Unique_II	Name	Release	Splita	Resource Na
281	2267	GMSK and 8PSK WB FR / HR support - Signalling for I		No	TSG GERAN
282	2268	Receiver performance in TS 45.005		No	TSG GERAN
283	50000	Adaptation of subscriber data in HLR/VLR		No	TSG GERAN
284	**2269**	GERAN MS conformance test for AMR-WB		**No**	**TSG GERAN**
285	2270	MS test		No	TSG GERAN
286	**2271**	GERAN BTS conformance test for AMR-WB		**No**	**TSG GERAN**
287	2272	BTS test		No	TSG GERAN
288	1656	N1 Aspects		No	WG CN1
289	14005	N4 work		No	WG CN4
290	**1826**	**Terminal interfaces**	**NA**	**Yes**	**WG T2**
291	**1827**	**AT commands enhancements**	**Rel4**	**No**	**WG T2**
292	1828	Specification of AT commands for new services		No	WG T2
293	1858	UE Conformance test spec. AT command		No	WG T1
294	**1829**	**Wide Area Data Synchronisation**	**NA**	**Yes**	**WG T2**
295	1830	Continues evolution of Synchronisation protocol	Rel4	No	WG T2
296	1831	vObjects and Other Constructs for Use in Data Synchroni	Rel5	No	WG T2
297	1832	**Terminal local model**	Rel4	No	WG T2
298	2573	**Terminal local model enhancements**	Rel5	No	WG T2
299	**1536**	**Location Services enhancements**	**NA**	**Yes**	**WG SA2**
300	2229	**CBS interactions**	Rel4	No	WG T2
301	523	**LCS support in the CS domain**	Rel4	No	WG SA2
302	**525**	**LCS support in the PS domain**	**Rel4**	**No**	**WG SA2**
303	1642	Stage 1		No	WG SA1
304	1181	Stage 2		No	WG SA2
305	**1180**	Stage 3		**No**	**WG CN1**
306	526	Layer 3 LCS signaling UE (MS) -SGSN (UMTS PS and		No	WG CN1
307	2462	MAP impacts of LCS		No	WG CN4
308	527	GTP signaling for LCS		No	WG CN4



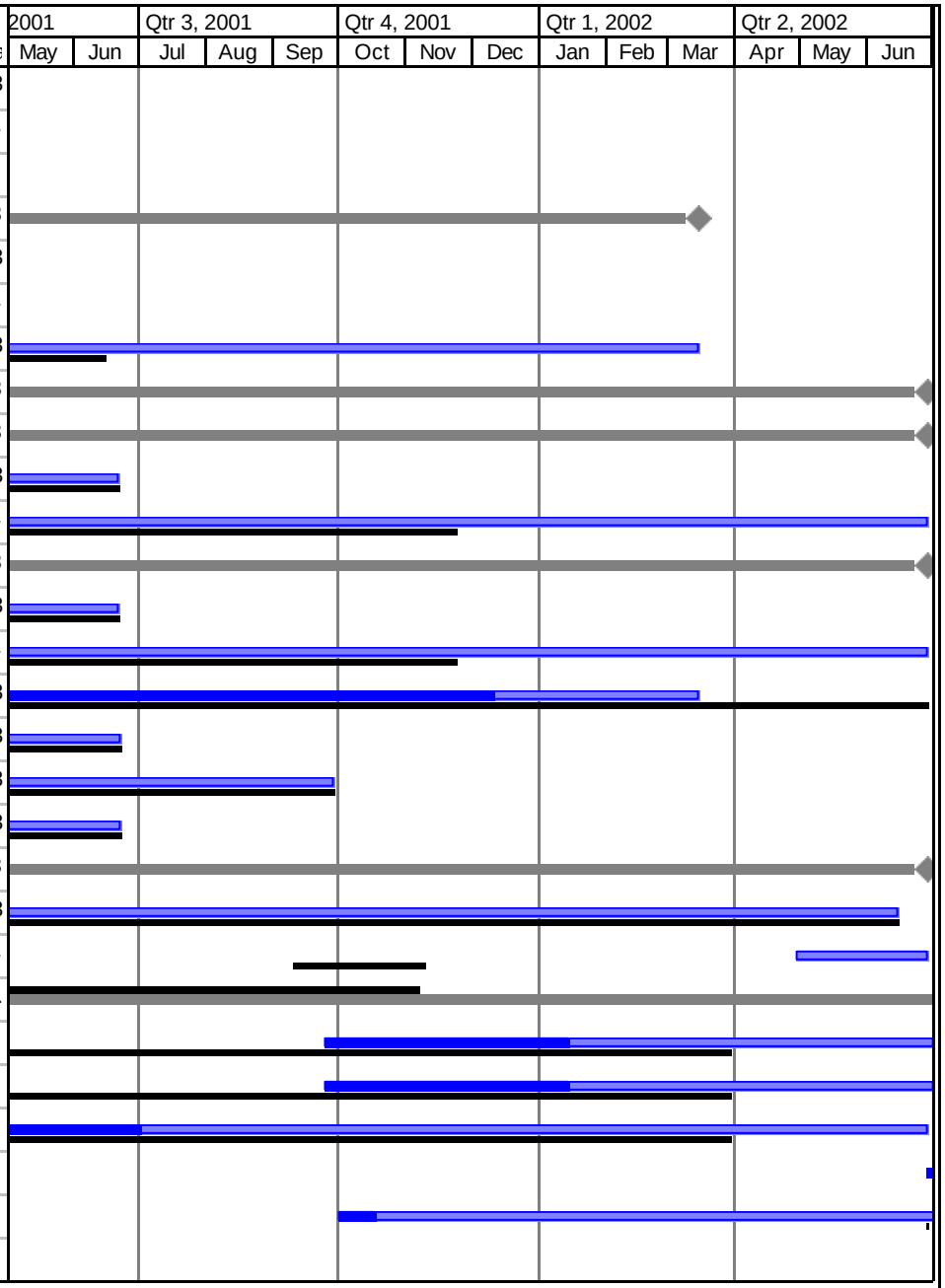
ID	Unique_ID	Name	Release	Split	Resource Na
309	**1600**	**UE positioning**	**NA**	**No**	**TSG RAN**
310	1601	Iub/Iur interfaces for methods Rel 99	Rel4	No	WG RAN3
311	1602	UE positioning enhancements - IPDL for TDD	Rel4	No	WG RAN2
312	2457	UE positioning enhancements - other methods	Rel5	No	WG RAN2
313	2474	UE positioning enhancements for 1.28 Mcps TDD	Rel5	No	WG RAN2
314	2475	Open SMLC-SRNC Interface within the UTRAN to support I	Rel5	No	WG RAN2
315	**2125**	Open SMLC-SRNC Interface within the UTRAN to support /	**Rel5**	**No**	**WG RAN2**
316	2127	Stage 2		No	WG SA2
317	**1171**	**Event based and Periodic LCS**	**Rel5**	**No**	**WG SA1**
318	1641	Stage 1		No	WG SA1
319	1538	Stage 2 specification		No	WG SA2
320	1179	Impact on MAP		No	WG CN4
321	**2436**	**Location Services for GERAN in A/Gb Mode**	**Rel5**	**No**	**TSG GERAN**
322	2437	GERAN LCS Stage 2 (first release)		No	AN2;WG SA2
323	2438	Gb interface support for LCS		No	TSG GERAN
324	2439	RLC/MAC protocol support for LCS		No	TSG GERAN
325	2440	L3 protocol support for LCS		No	TSG GERAN
326	2441	Stage 3 specifications		No	TSG GERAN
327	**2442**	**Location Services for GERAN in Iu Mode**	**Rel5**	**No**	**TSG GERAN**
328	2443	GERAN LCS Stage 2 (second release)		No	AN3;WG SA2
329	2444	Iu-ps interface support for LCS		No	AN3;WG SA2
330	2445	Iu-cs interface support for LCS		No	AN3;WG SA2
331	2446	Iur-g interface support for LCS		No	AN3;WG SA2
332	2447	RRC protocol support for LCS		No	AN3;WG SA2
333	2448	Additional impacts on Broadcast of LCS data on packet ch		No	AN3;WG SA2
334	2449	Stage 3 specifications		No	AN3;WG SA2
335	32001	**Enhanced support for user privacy and subscrib**	Rel5	No	WG SA2
336	544	**LCS interoperation stage 2 aspects**		No	WG SA2



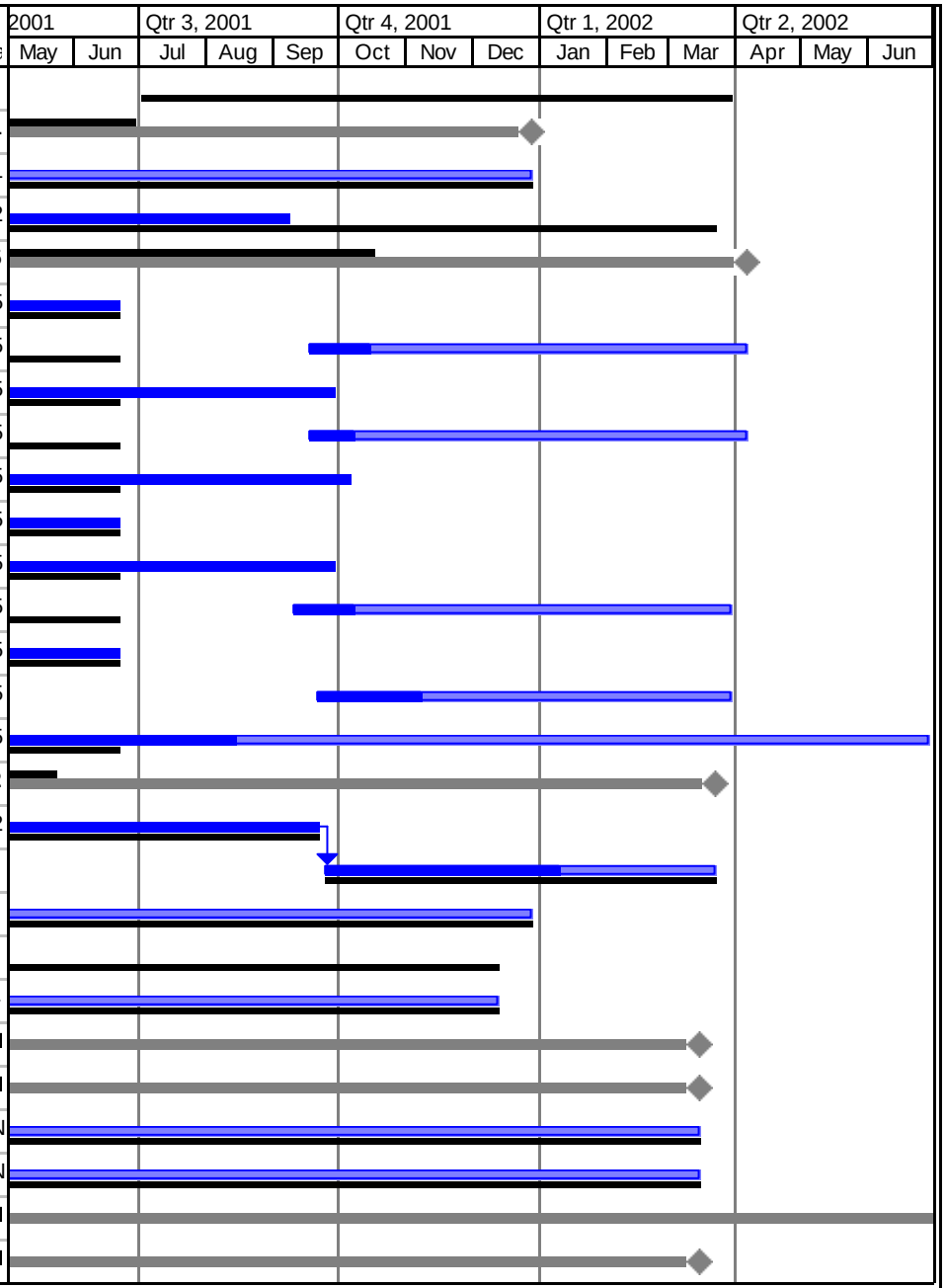
ID	Unique_II	Name	Release	Splita	Resource Na
337	**2434**	**LCS interoperability aspects to GERAN**		**No**	**TSG GERAN**
338	2435	Co-ordinated development of GSM LCS Phase 2 and UMTS		No	VG GERAN1
339	**2450**	**GERAN MS Conformance test for LCS**		**No**	**/G GERAN4**
340	2451	MS test		No	/G GERAN4
341	**2452**	**GERAN BTS Conformance test for LCS**		**No**	**/G GERAN3**
342	2453	BTS test		No	/G GERAN3
343	0	**(Copy) LCS application interfaces (LCS-OSA)**		No	WG SA1
344	1183	**FS on LCS support in the IMS**		No	WG SA1
345	0	**(copy) Charging and OAM&P**	Rel5	No	WG SA5
346	521	**New security aspects of LCS (not identified)**	Rel5	No	WG SA3
347	**1560**	**UICC/(U)SIM enhancements and interworking**	**NA**	**Yes**	**WG T3**
348	1799	**Common PCN Handset Specification (CPHS)**	Rel4	No	WG T3
349	2517	**UICC/USIM Transport Protocol**	Rel5	No	WG T3
350	**1800**	**(U)SIM toolkit enhancements**	**NA**	**Yes**	**WG T3**
351	2034	**USAT local link**	Rel4	No	WG T3
352	1566	**Enhancements to (U)SIM toolkit secure messagi**	Rel5	No	WG T3
353	**1801**	**Protocol Standardisation of a SIM Toolkit Interp**	**Rel5**	**No**	**WG T3**
354	2497	Stage 1	Rel5	No	WG T3
355	2496	Stage 2 and 3	Rel5	No	WG T3
356	2518	Test specification	Rel5	No	WG T3
357	**1802**	**UICC API**	**NA**	**Yes**	**WG T3**
358	**2031**	C SIM API	**Rel5**	**No**	**WG T3**
359	2032	Specification		No	WG T3
360	2033	Test specification		No	WG T3
361	**1571**	**Security enhancements**	**NA**	**No**	**WG SA3**
362	2099	**New: UE triggered authentication during connec**	Rel4	No	WG SA3
363	1587	**Evolution of GSM CS algorithms (e.g. A5/3 deve**	Rel4	No	WG SA3
364	**1588**	**Evolution of GSM PS algorithms (e.g. GEA 2 dep**	**Rel4**	**No**	**WG SA3**



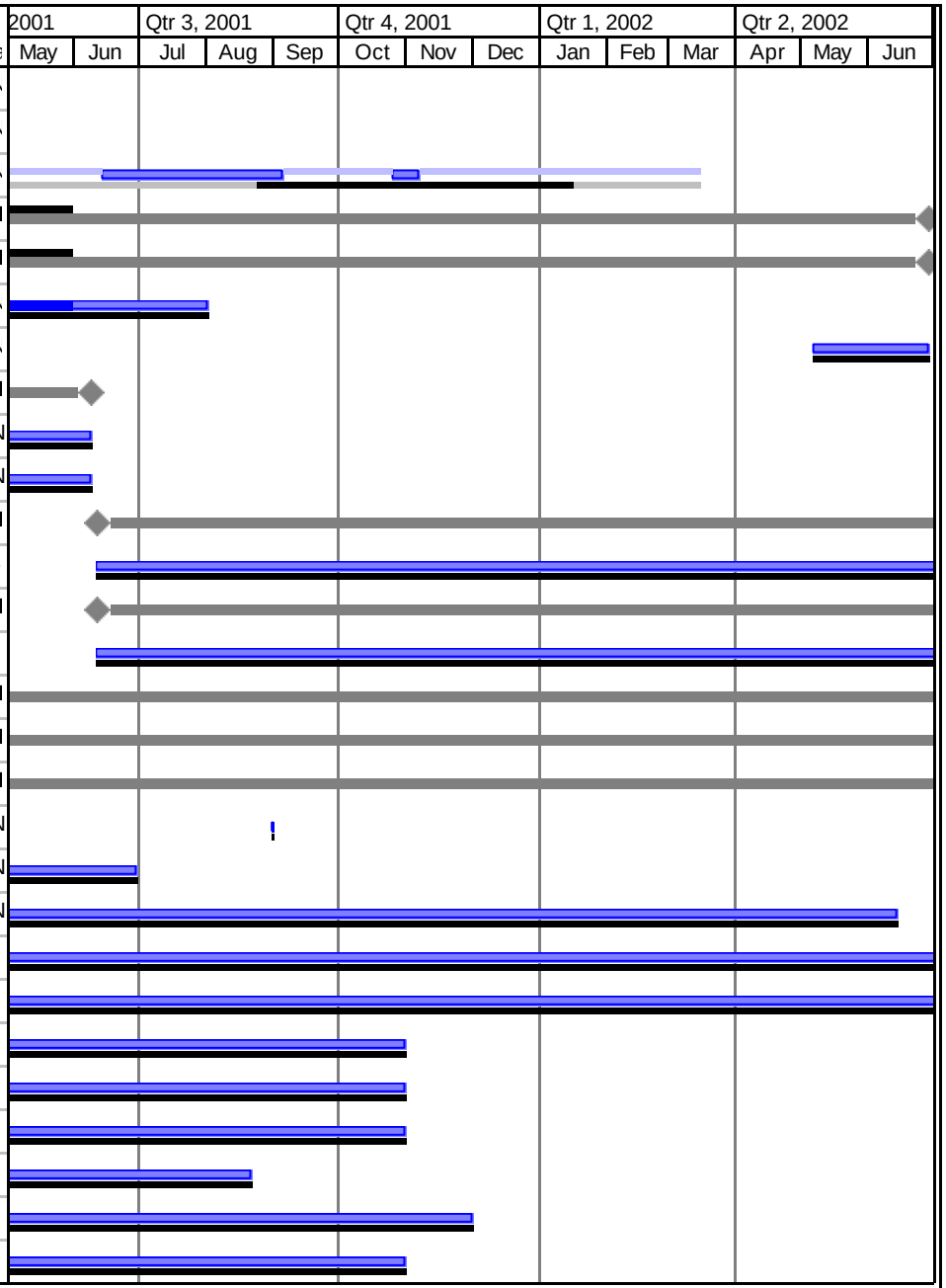
ID	Unique_II	Name	Release	Splita	Resource Na
365	1589	Main aspects		No	WG SA3
366	1618	Impact on GTP		No	WG CN4
367	1661	GEA capability indication in MS CM		No	WG CN1
368	**1583**	**MAP application layer security**	**Rel4**	**Yes**	**WG SA3**
369	1584	Main aspects		No	WG SA3
370	2025	Other stage 3 aspects		No	WG CN4
371	1594	Visibility and Configurability of security	Rel5	No	WG SA3
372	**1576**	**Network domain security**	**Rel5**	**Yes**	**WG SA3**
373	**1577**	Control plane protection in core network (e.g., GTP, CAP, M		**No**	**WG SA3**
374	1578	Main aspects		No	WG SA3
375	1579	Integration of GTP signalling security architecture		No	WG CN4
376	**1580**	User plane protection in core network (e.g., provided by IF		**No**	**WG SA3**
377	1581	Main aspects		No	WG SA3
378	1582	Integration of GTP signalling security architecture		No	WG CN4
379	2576	IP network layer security (NDS/IP)		No	WG SA3
380	1586	Key management for core network security		No	WG SA3
381	2098	Study of network-based denial of service		No	WG SA3
382	1595	**FIGS**	Rel5	No	WG SA3
383	**2026**	**Enhanced HE control of security (including posi**	**Rel6**	**No**	**WG SA3**
384	2027	Stage 2		No	WG SA3
385	2028	FS on Network impacts		No	WG CN4
386	**1861**	**Miscelleneous UE Conformance Testing Activ**	**NA**	**Yes**	**WG T1**
387	1862	**Optimisation of Test Time, RF Aspects (FDD)**		No	WG T1
388	1863	**Optimisation of Test Time, RF Aspects (TDD)**		No	WG T1
389	1907	**Extensions to R99 Test cases**		No	WG T1
390	2564	**Extension to R99 Test cases - TTCN**		No	WG T1
391	2565	**Creation of R99 TCs for TDD - prose**		No	WG T1
392	2566	**Creation of R99 TCs for TDD - TTCN**		No	WG T1



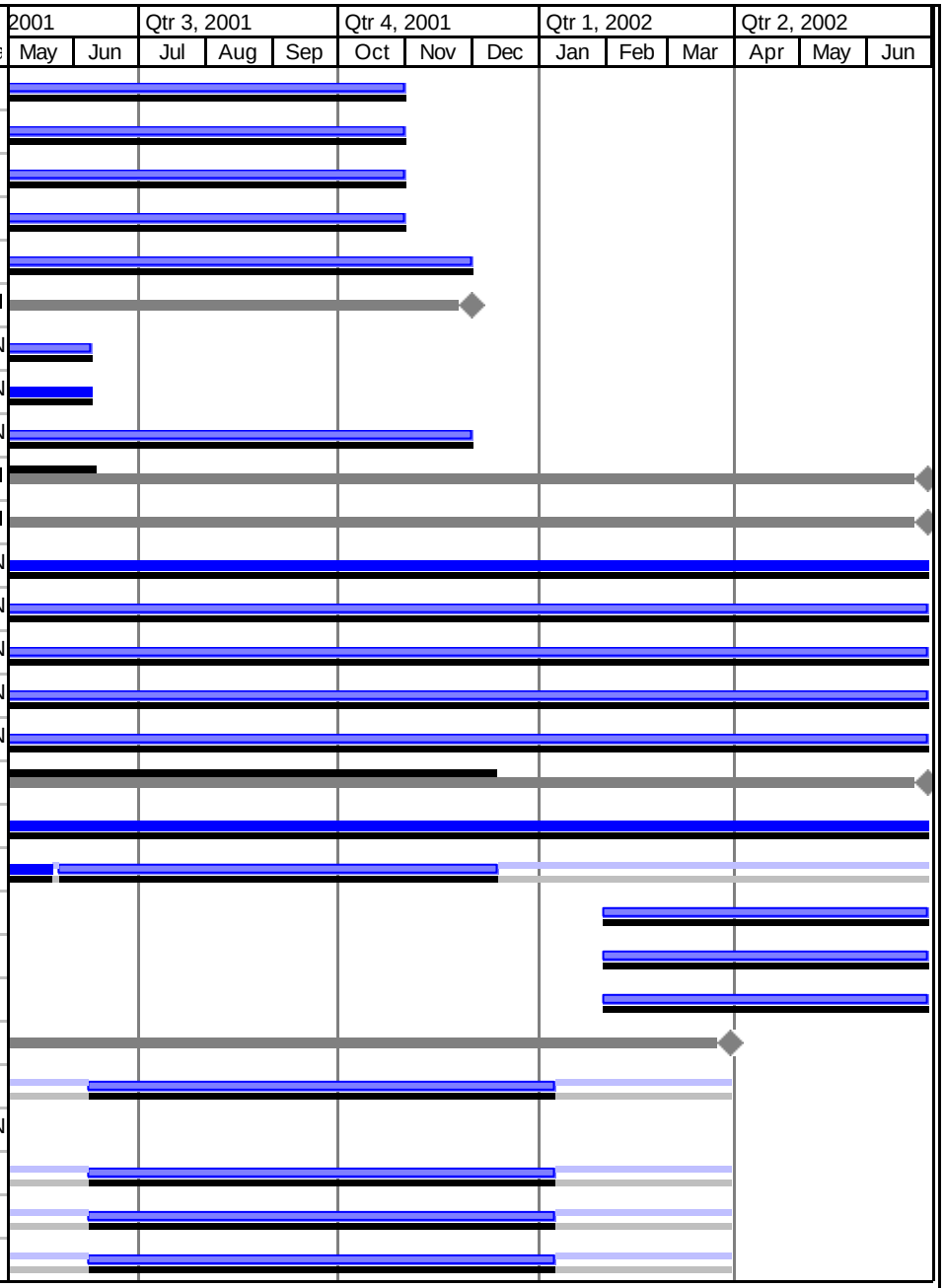
ID	Unique_ID	Name	Release	Splita	Resource Na
393	1908	**Review all other work items for impact on new c**		No	WG T1
394	**1365**	**Support of Push Services**	**Rel5**	**No**	**A2;WG SA1**
395	31004	**Stage 1**		No	WG SA1
396	32000	**TR on feasibility study**		No	WG SA2
397	**1142**	**Charging and OAM&P (Master)**	**NA**	**No**	**WG SA5**
398	2089	**Rel4 Principles, high level Requirements and Ar**	Rel4	No	WG SA5
399	35002	**Rel5 Principles, high level Requirements and Ar**	Rel5	No	WG SA5
400	2088	**Rel4 Performance Management**	Rel4	No	WG SA5
401	35003	**Rel5 Performance Management**	Rel5	No	WG SA5
402	2081	**Fault Management**	Rel4	No	WG SA5
403	2082	**Configuration Management**	Rel4	No	WG SA5
404	2083	**Rel4 Charging Management**	Rel4	No	WG SA5
405	35004	**Rel5 Charging Management**	Rel5	No	WG SA5
406	2071	**UTRAN Operations and Maintenance procedure**	Rel4	No	WG SA5
407	35001	**Network Infrastructure Management**	Rel5	No	WG SA5
408	2062	**Subscription Management**	Rel5	No	WG SA5
409	**2243**	**Intra Domain Connection of RAN Nodes to Mu**	**Rel5**	**No**	**WG SA2**
410	2244	**Overall System Architecture**		No	WG SA2
411	20000	**Stage 3: RAN node selecting CN node**		No	WG RAN3
412	2246	**GERAN work**		No	WG GERAN2
413	2248	**N1 work**		No	WG CN1
414	2249	**N4 work**		No	WG CN4
415	**2320**	**GERAN improvements 3 (new transport layer c**	**Rel5**	**No**	**TSG GERAN**
416	**2321**	**Evolution of the transport for A**		**No**	**TSG GERAN**
417	2322	Definition of a new A/Ater interface Transport Layer optio		No	TSG GERAN
418	2323	Adaptation of the Layer 3 BSSMAP procedures as require		No	TSG GERAN
419	**2330**	**GERAN support for IMS**	**Rel5**	**No**	**TSG GERAN**
420	**2331**	**GERAN Header adaptation**		**No**	**A2;TSG RAN**



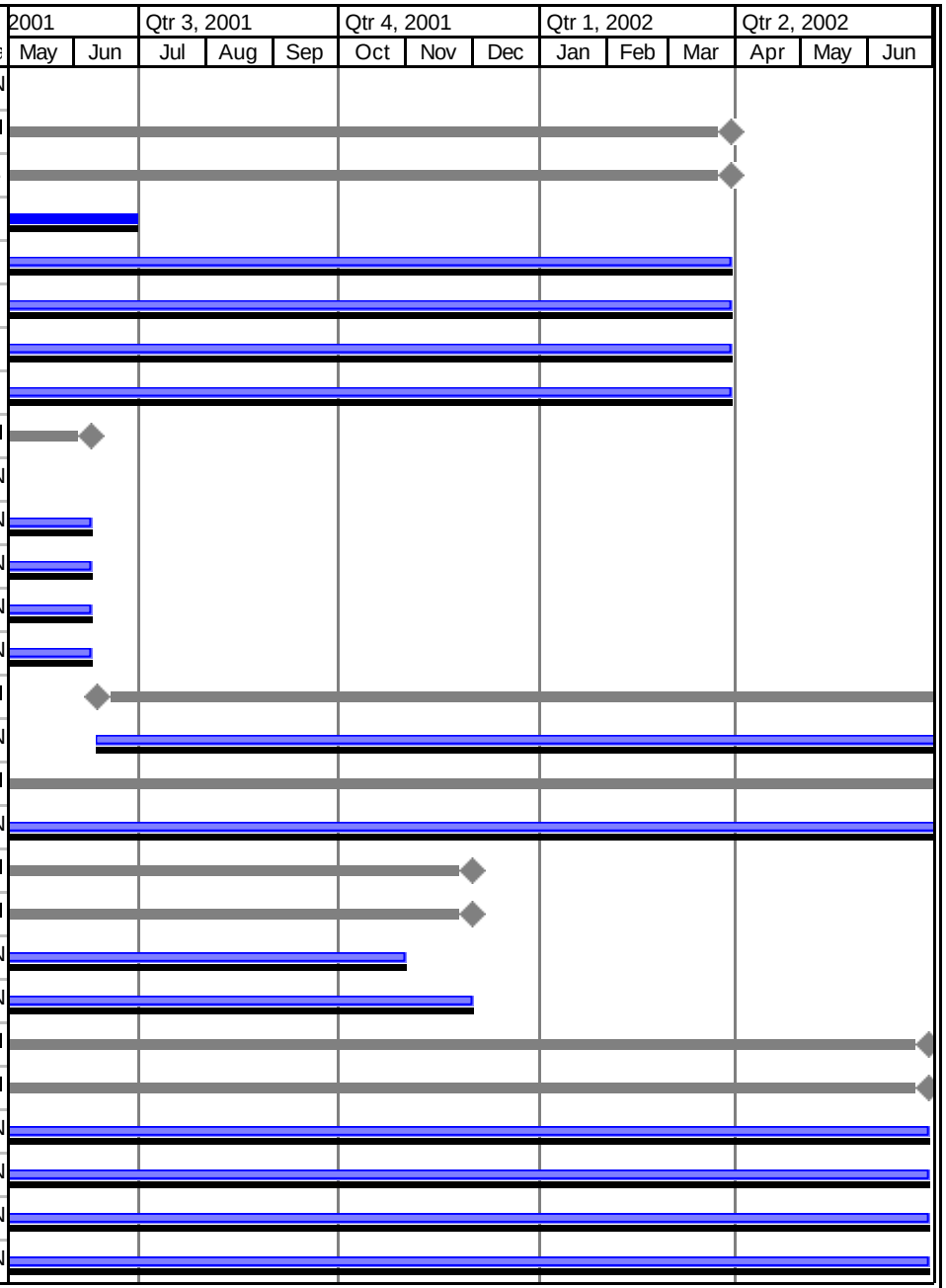
ID	Unique_ID	Name	Release	Splita	Resource Na
421	2332	Definition of compression and removal modes for PDCP pr		No	A2;TSG RAN
422	2333	Conceptual description in stage 2		No	A2;TSG RAN
423	2334	Necessary changes on stage 3 regarding header removal		No	A2;TSG RAN
424	**2335**	**GERAN Radio access bearer design for IMS**		**No**	**A2;TSG RAN**
425	**2422**	MuM control signalling for conversational multimedia servic		**No**	**A2;TSG RAN**
426	2431	Identification of requirements		No	A2;TSG RAN
427	2337	Necessary modifications due to SIP		No	A2;TSG RAN
428	**2338**	**Physical layer multiplexing**		**No**	**TSG GERAN**
429	2339	Stage 2		No	TSG GERAN
430	2432	Stage 3		No	TSG GERAN
431	**2341**	**GERAN MS Conformance test for support of IMS**		**No**	**TSG GERAN**
432	2342	MS test		No	WG GERAN4
433	**2343**	**GERAN BTS Conformance test for support of IMS**		**No**	**TSG GERAN**
434	2344	BTS test		No	WG GERAN3
435	**2345**	**Alignment of 3G functional split and Iu**	**Rel5**	**No**	**TSG GERAN**
436	**2346**	**GERAN user / control plane**		**No**	**TSG GERAN**
437	**2347**	Alignment with UMTS bearer concept		**No**	**TSG GERAN**
438	50300	Enhanced power control		No	TSG GERAN
439	2423	Stage 2		No	TSG GERAN
440	2348	Adoption of the UTRAN PDCP		No	TSG GERAN
441	2349	Development of RLC / MAC		No	WG GERAN2
442	2350	Development of GERAN RRC		No	WG GERAN2
443	2351	Ciphering and integrity protection Concept paper		No	WG GERAN2
444	50302	Multiple TBF or equivalent Concept paper		No	WG GERAN2
445	50303	Paging concept		No	WG GERAN2
446	2352	Dedicated physical subchannels. Includes traffic and		No	WG GERAN1
447	2353	Iu support and broadcast concept		No	WG GERAN2
448	2354	Impact of using RLC instead of LAPDm concept		No	WG GERAN2



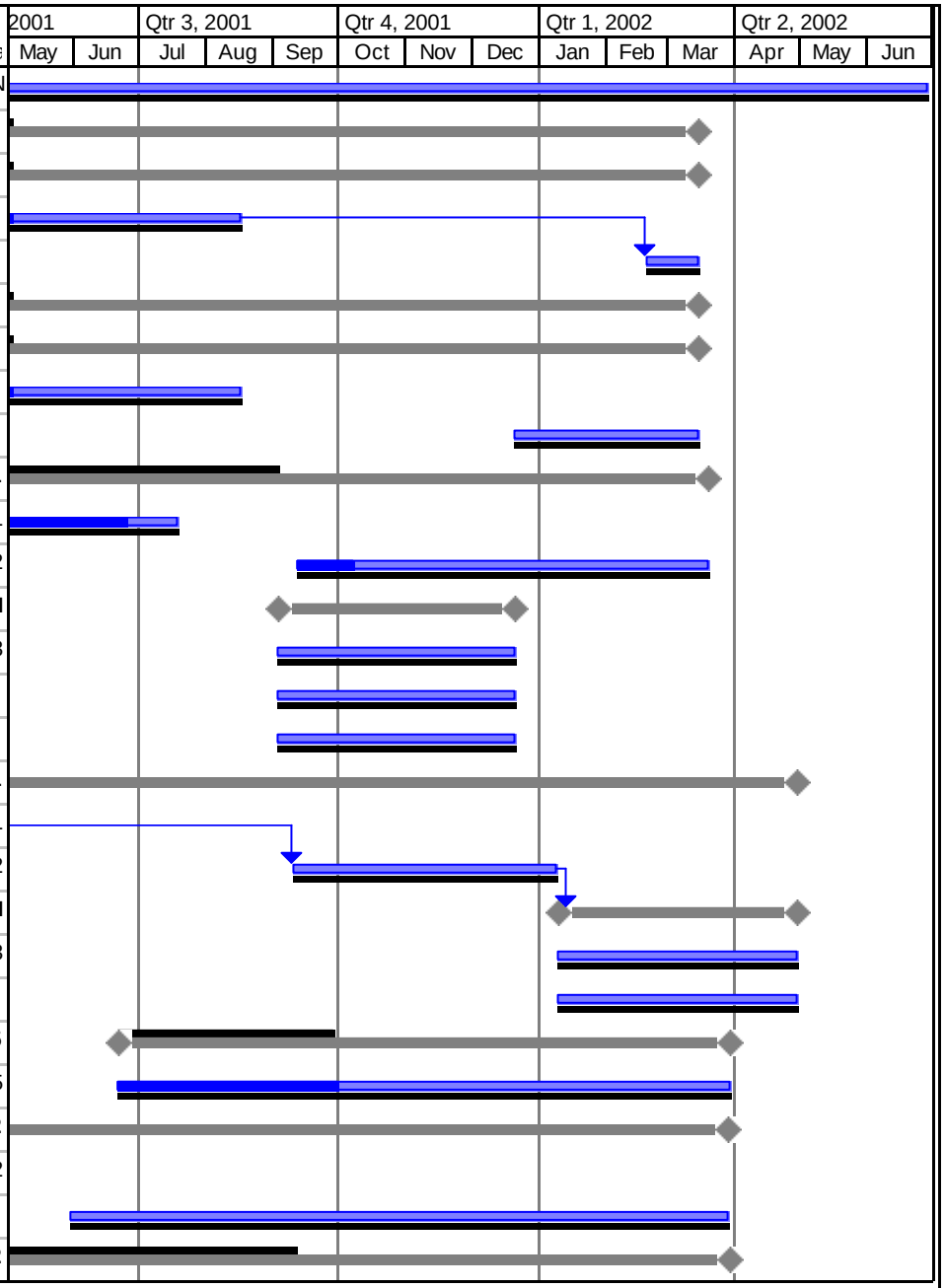
ID	Unique_II	Name	Release	Splita	Resource Na
449	2355	Contention resolution, mobile station identity, and acc		No	/G GERAN2
450	50304	PDCP concept		No	/G GERAN2
451	50305	Downlink delayedTBF release		No	/G GERAN2
452	50306	Add transparent RLC Concept		No	/G GERAN2
453	50307	Handover concept		No	/G GERAN2
454	**2424**	Physical layer alignment with UMTS bearer concept		**No**	**TSG GERAN**
455	2356	PDTCH/TCH in 45.003		No	TSG GERAN
456	2357	Control channels in 45.003		No	TSG GERAN
457	2358	Receiver performance in 45.005 for PDTCH/TCH and		No	TSG GERAN
458	**2359**	**Iu rg interface**		**No**	**TSG GERAN**
459	**2425**	Inter BSS interface		**No**	**TSG GERAN**
460	2360	Identification of requirements		No	TSG GERAN
461	2361	Stage 2		No	TSG GERAN
462	2362	Adoption of relevant parts from Iur		No	TSG GERAN
463	2363	Complementation with GERAN specifics		No	TSG GERAN
464	2364	New stage 3		No	TSG GERAN
465	**2426**	Inter BSS-RNS interface		**No**	**N;WG RAN3**
466	2365	Identification of requirements		No	N;WG RAN3
467	2366	Stage 2		No	N;WG RAN3
468	2367	Adoption of relevant parts from Iur		No	N;WG RAN3
469	2368	Complementation with GERAN specifics		No	N;WG RAN3
470	2369	New stage 3		No	N;WG RAN3
471	**2370**	**Voice over GERAN PS and CS concept**		**No**	**N;WG RAN3**
472	2371	Architecture for A, Iu cs and Iu ps		No	N;WG RAN3
473	2372	Transcoder position/operation		No	TSG GERAN
474	2373	Handover		No	N;WG RAN3
475	2374	RTP payload		No	N;WG RAN3
476	2375	Codec renegotiation concept		No	N;WG RAN3



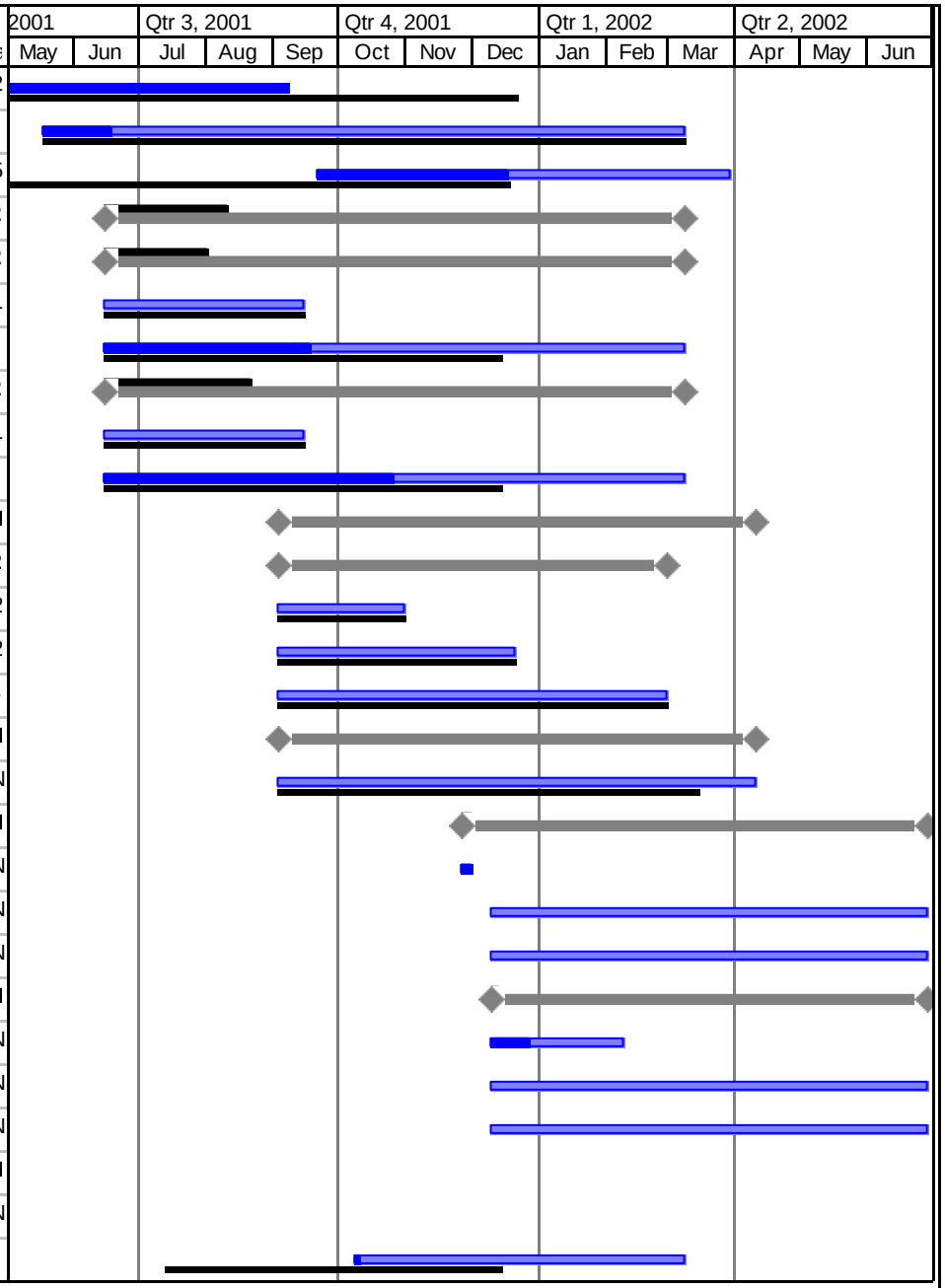
ID	Unique_II	Name	Release	Splita	Resource Na
477	2376	LA		No	TSG GERAN
478	**2377**	**GERAN Narrowband speech realization**		**No**	**TSG GERAN**
479	**2427**	8-PSK NB HR		**No**	**WG GERAN1**
480	2378	Channel coding in 45.003		No	WG GERAN1
481	2379	Signallimg for A interface		No	WG GERAN1
482	2380	Signallimg for Iu		No	WG GERAN1
483	2381	Link adaptation in 45.009		No	WG GERAN1
484	2382	Receiver performance in 45.005		No	WG GERAN1
485	**2428**	8-PSK NB QR		**No**	**TSG GERAN**
486	2383	Channel coding in 45.003		No	TSG GERAN
487	2384	Signallimg for A interface		No	TSG GERAN
488	2385	Signallimg for Iu		No	TSG GERAN
489	2386	Link adaptation in 45.009		No	TSG GERAN
490	2387	Receiver performance in 45.005		No	TSG GERAN
491	**2388**	**GERAN MS Conformance test for GERAN interfa**		**No**	**TSG GERAN**
492	2389	MS test		No	TSG GERAN
493	**2390**	**GERAN MS Conformance test for GERAN interfa**		**No**	**TSG GERAN**
494	2391	BSS test		No	TSG GERAN
495	**2392**	**GERAN enhancements for streaming services**	**Rel5**	**No**	**TSG GERAN**
496	**2393**	**GERAN enhancements for streaming services 1**		**No**	**TSG GERAN**
497	2394	Concept		No	TSG GERAN
498	2395	RLC protocol enhancement (SDU Discard)		No	TSG GERAN
499	**2396**	**GERAN enhancements for streaming services**	**Rel5**	**No**	**TSG GERAN**
500	**2397**	**GERAN enhancements for streaming services 2**		**No**	**TSG GERAN**
501	2398	Usage of ECSD Concept		No	TSG GERAN
502	2399	Stage 2		No	TSG GERAN
503	2400	Stage 3		No	TSG GERAN
504	2401	RLC PDU formats		No	TSG GERAN



ID	Unique_II	Name	Release	Splita	Resource Na
505	2402	MAC header		No	TSG GERAN
506	**2412**	**GERAN/UTRAN interface evolution 1 (evolutio**	**Rel5**	**No**	**N;WG RAN3**
507	**2413**	**Evolution of Iu ps**		**No**	**N;WG RAN3**
508	2414	Identification of GERAN requirements on Iu ps		No	N;WG RAN3
509	2415	Update of specifications		No	N;WG RAN3
510	**2416**	**GERAN/UTRAN interface evolution 2 (evolutio**	**Rel5**	**No**	**N;WG RAN3**
511	**2417**	**Evolution of Iu cs**		**No**	**N;WG RAN3**
512	2418	Identification of GERAN requirements on Iu cs		No	N;WG RAN3
513	2419	Update of specifications		No	N;WG RAN3
514	**2499**	**Support of Presence Capability**	**Rel5**	**No**	**WG SA1**
515	2501	**Stage 1**		No	WG SA1
516	2502	**Stage 2**		No	WG SA2
517	**2503**	**Stage 3**		**No**	**TSG CN**
518	2504	Security issues		No	WG SA3
519	2505	USIM issues		No	WG T3
520	2506	UE issues		No	WG T2
521	**2507**	**Display of Service Provider name on UE**	**Rel5**	**No**	**WG SA1**
522	2508	**Stage 1**		No	WG SA1
523	2509	**del if not in WID - Stage 2**		No	WG SA2
524	**2510**	**Stage 3**		**No**	**TSG CN**
525	2511	Security issues		No	WG SA3
526	2512	USIM issues		No	WG T3
527	**2520**	**User Equipment Management**	**Rel5**	**No**	**WG SA5**
528	35000	**FS on User Equipment (UE) Management**		No	WG SA5
529	**2527**	**Emergency calls without UICC/SIM in netw. wi**	**Rel5**	**No**	**WG SA2**
530	0	**Stage 2**		No	WG SA2
531	2528	**Stage 3 work for CN1**		No	WG CN1
532	**2556**	**End to End QoS for PS Domain including IMS**	**Rel5**	**No**	**WG SA2**

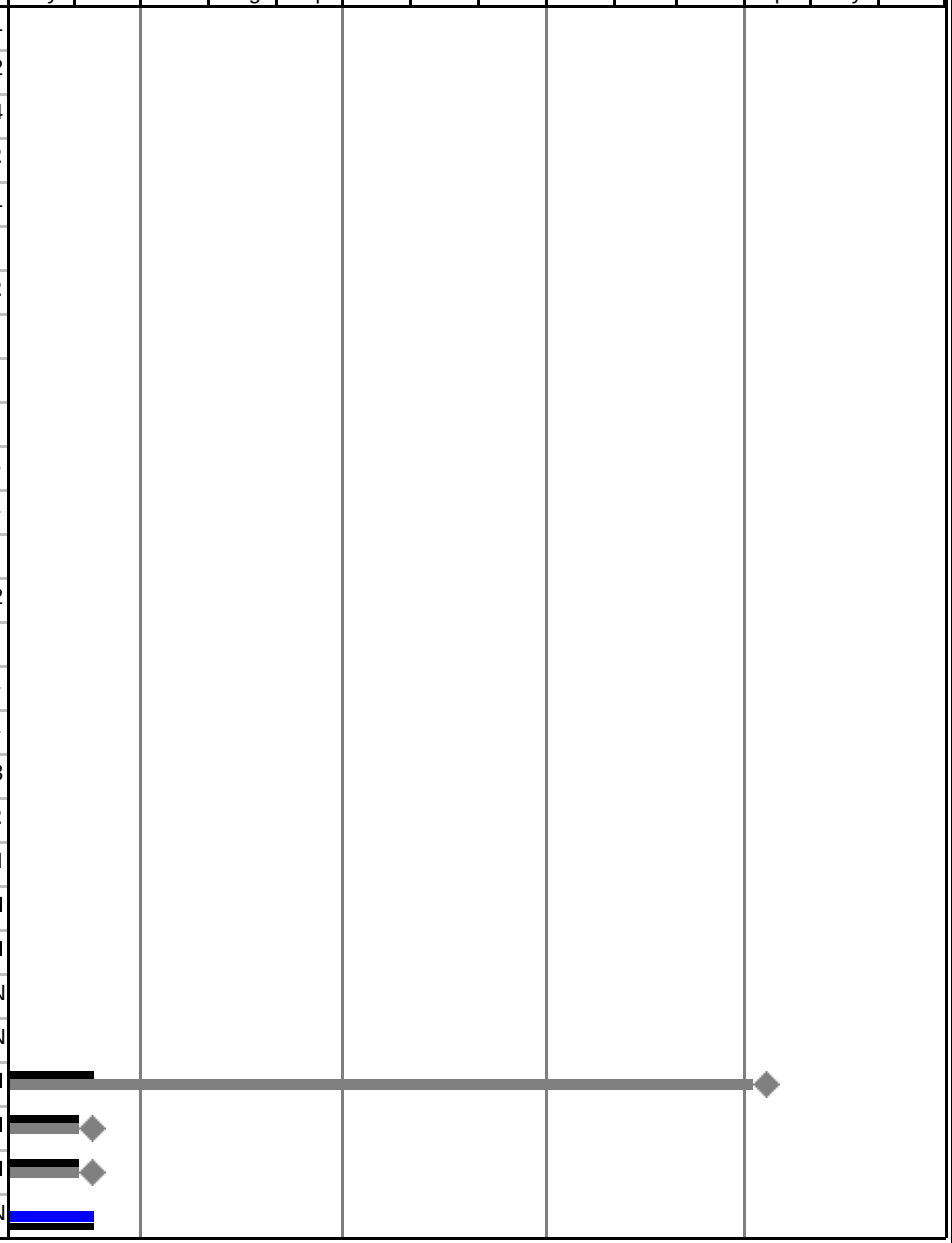


ID	Unique_ID	Name	Release	Splita	Resource Na
533	2557	**E2E QoSConcept and Architecture**		No	WG SA2
534	2558	**E2E QoS interworking**		No	WG CN3
535	2559	**QoS Management (Provisioning and Monitoring**		No	WG SA5
536	**2569**	**Messaging enhancements Rel-5**	**Rel5**	**No**	**WG T2**
537	**2571**	**Multimedia Messaging (MMS) enhancements**		**No**	**WG T2**
538	31000	Definition of service requirements		No	WG SA1
539	42000	Technical realization		No	WG T2
540	**2572**	**Enhanced Messaging Service (EMS) enhanceme**		**No**	**WG T2**
541	31001	Definition of service requirements		No	WG SA1
542	42001	Technical realization		No	WG T2
543	**50001**	**GERAN Inter BSC NACC improvements over t**	**Rel 5**	**No**	**TSG GERAN**
544	**14501**	**Modification of core network protocols for GERA**		**No**	**:N4;WG SA2**
545	32502	Stage 2 - Concept		No	:N4;WG SA2
546	14502	Stage 2 - 23.060 change - Definition of Inter BSC NACC		No	:N4;WG SA2
547	14503	Stage 3 (changes to TS 29.060)		No	WG CN4
548	**50002**	**Modification of Gb protocols for GERAN Inter BS**		**No**	**TSG GERAN**
549	50003	Stage 3 (changes to TS 48.018)		No	TSG GERAN
550	**50033**	**Enhanced Power Control**	**Rel5**	**No**	**TSG GERAN**
551	50034	**Realization of Enhanced power control and sign**		No	TSG GERAN
552	50035	**GERAN MS Conformance test for Enhanced Pow**		No	TSG GERAN
553	50036	**GERAN BTS Conformance test for Enhanced Po**		No	TSG GERAN
554	**50037**	**8PSK AMR HR**	**Rel5**	**No**	**TSG GERAN**
555	50038	**Definition of channel coding, performance requi**		No	TSG GERAN
556	50039	**GERAN MS Conformance test for 8PSK HR**		No	TSG GERAN
557	50040	**GERAN BTS Conformance test for 8PSK HR**		No	TSG GERAN
558	**50041**	**Uplink TDOA feasibility study**	**Rel5**	**No**	**TSG GERAN**
559	50042	**Performing a feasibility study**		No	TSG GERAN
560	13000	**Service Change and UDI Fallback**	Rel5	No	WG CN3

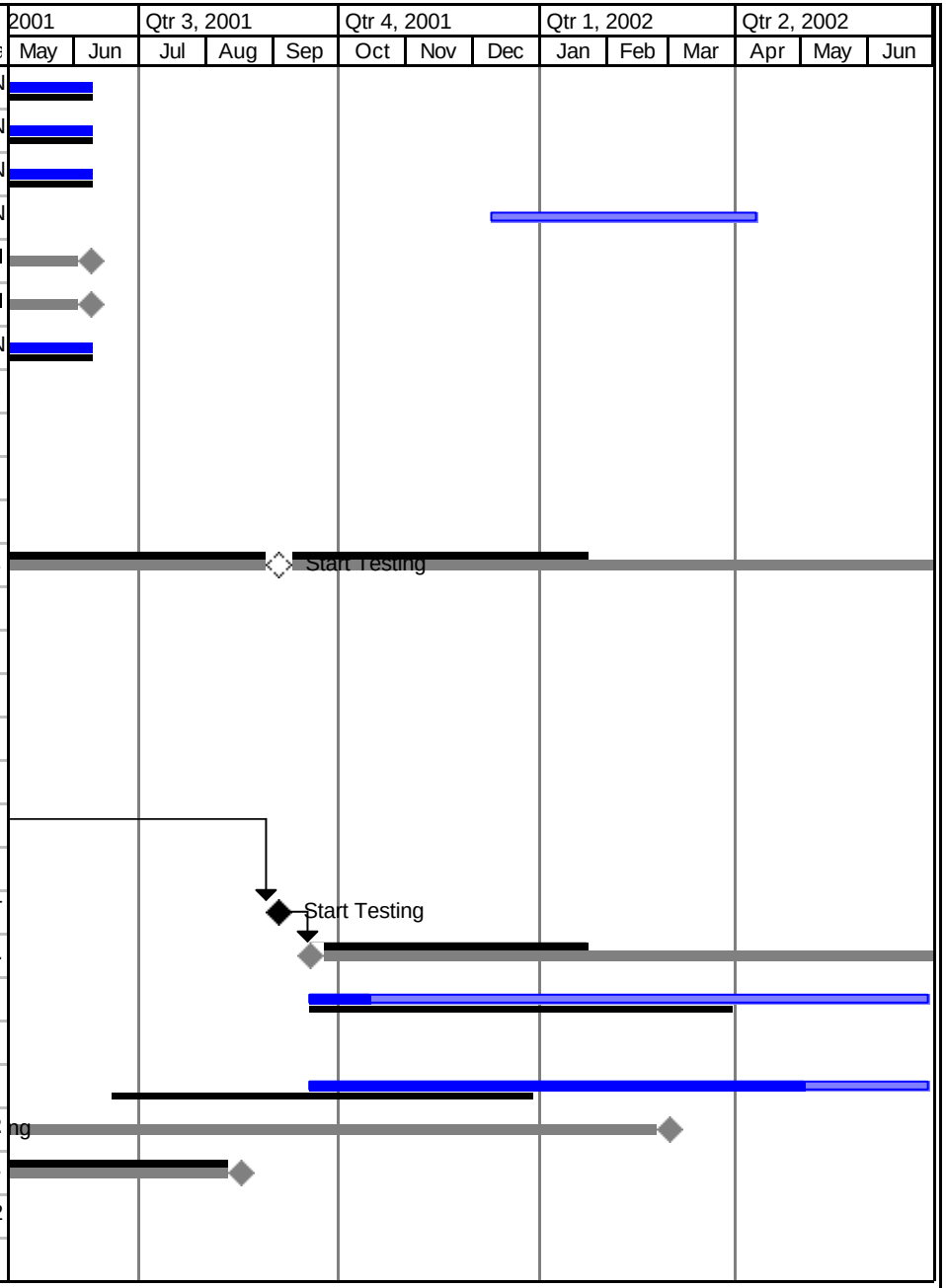


ID	Unique_ID	Name	Release	Split	Resource Na
561	**2544**	**Multimedia Broadcast and Multimedia Service**	**Rel6**	**No**	**WG SA1**
562	2545	**Stage 1**		No	WG SA1
563	32002	**Stage 2**		No	WG SA2
564	2481	**Enhancement of Broadcast and Introduction of I**		No	WG RAN2
565	**31006**	**Speech Recognition and Speech Enabled Ser**	**?**	**No**	**WG SA1**
566	31007	**Speech Enabled Services Based on Distributed**		No	WG SA1
567	32999	**Stage 2 of DSR**		No	WG SA2
568	0	**SDP protocols extension to include DSR**		No	TSG CN
569	**31008**	**Generic User Profile**	**Rel6**	**No**	**WG SA1**
570	31009	**Stage 1 - Requirements**		No	WG SA1
571	42002	**Stage 2 - Data description framework**		No	WG T2
572	32008	**Stage 2 - Architecture**		No	WG SA2
573	42003	**Stage 3 - Common objects**		No	WG T2
574	**31010**	**Digital Rights Management**	**Rel6**	**No**	**WG SA1**
575	31011	**Requirements**		No	WG SA1
576	32009	**Architecture**		No	WG SA2
577	33001	**Security**		No	WG SA3
578	34017	**Codec Aspects**		No	WG SA4
579	42004	**Terminal Aspects**		No	WG T2
580	31012	**FS on WLAN-UMTS Interworking**	Rel6	No	WG SA1
581	30000	**FS on Priority Service**	Rel6	No	TSG SA
582	**31013**	**UE Functionality Split**	**Rel6**	**No**	**WG SA1**
583	0	**Stage 2**		No	WG SA2
584	**1340**	**Facsimile**	**Rel4**	**No**	**WG SA1**
585	**1341**	**Real Time Fax**		**No**	**WG SA2**
586	1808	Terminal capabilities, AT commands		No	WG T2
587	1343	Signalling aspects (e.g. ICM)		No	WG CN1
588	1648	Service provision		No	WG CN3

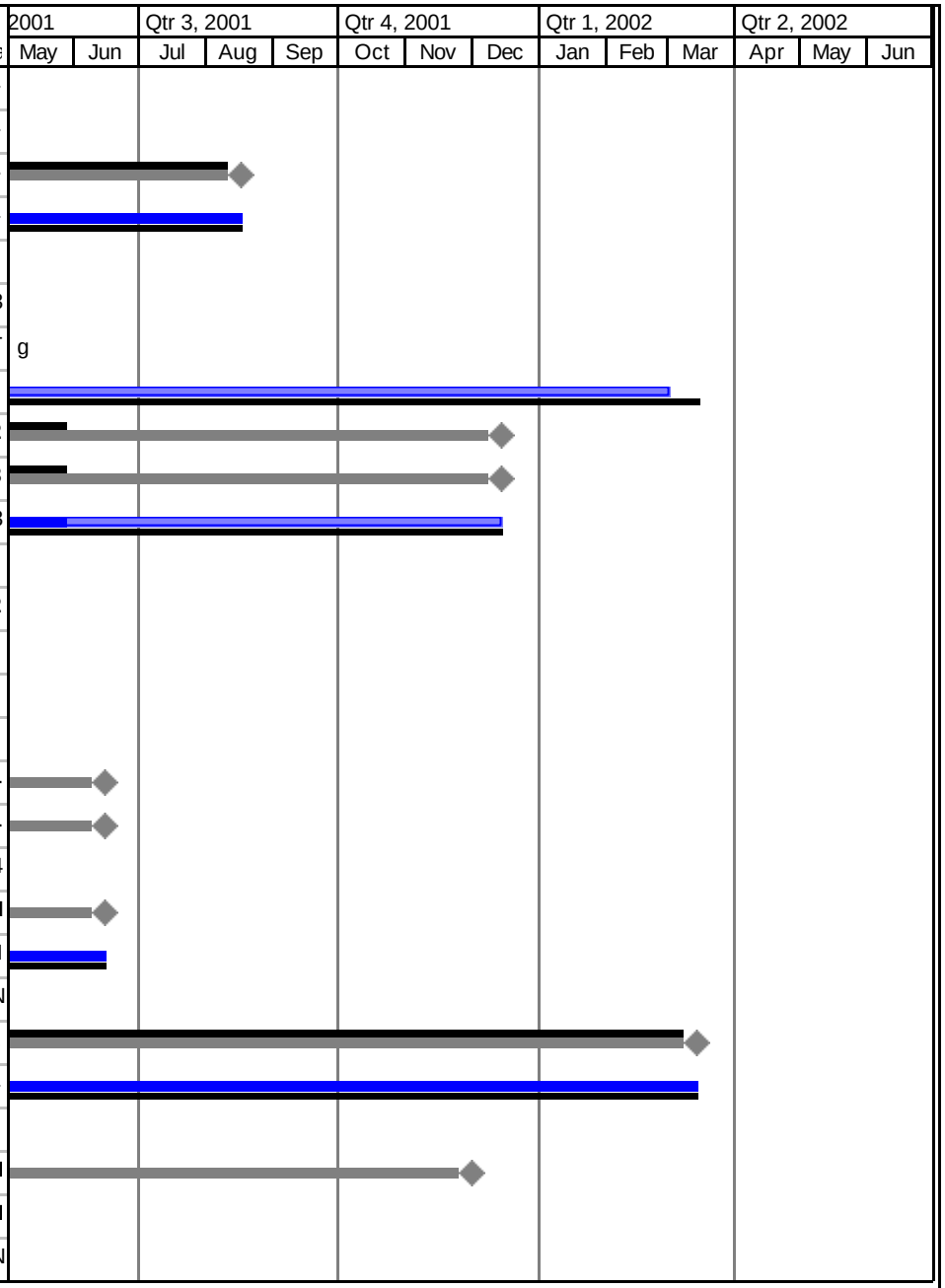
ID	Unique_II	Name	Release	Splita	Resource Na
589	1345	Review whether service/stage 1 aspects need to be align		No	WG SA1
590	1346	Review whether architecture/stage 2 aspects need to be		No	WG SA2
591	1539	**Transparent End-to-End PS mobile streaming**	Rel4	No	WG SA4
592	**1818**	**Multimedia Messaging**	**Rel4**	**No**	**WG T2**
593	136	**Definition of service requirements**		No	WG SA1
594	1819	**Review of definition of service requirements**		No	WG T2
595	**1820**	**Technical Realisation**		**No**	**WG T2**
596	1821	Review of definition of reference Achitecture model		No	WG T2
597	1822	"Fulfill Requirements of Stage 1"		No	WG T2
598	1823	Definition of MMS primitives in Stage 2		No	WG T2
599	**1541**	**Transcoder-Free Operation**	**Rel4**	**No**	**WG CN4**
600	**112**	**OoBTC solution**		**No**	**WG CN4**
601	1512	implementation in UTRAN		No	WG RAN3
602	896	Impact on architecture, Principles and Terminology		No	WG SA2
603	1657	Codec Negotiation between UE and MSC		No	WG CN1
604	115	Codec Negotiation inter MSC		No	WG CN4
605	894	Bearer establishment inter MSC		No	WG CN4
606	1617	Prevention of user fraud		No	WG SA3
607	**905**	**Speech Transcoder: Location and Control at the**		**No**	**WG SA2**
608	124	Transcoder at Edge		No	TSG CN
609	**2310**	**GERAN improvements 1 (Gb over IP)**	**Rel4**	**No**	**TSG GERAN**
610	**2311**	**Gb over IP (Ip-fication of Gb)**		**No**	**TSG GERAN**
611	2312	Concept		No	TSG GERAN
612	2313	Changes to 08.16, 08.18		No	TSG GERAN
613	**2314**	**GERAN improvements 2 (NACC)**	**Rel4**	**No**	**TSG GERAN**
614	**2315**	**Gb enhancements**		**No**	**TSG GERAN**
615	**2316**	NACC (Network Assisted Cell Change)		**No**	**TSG GERAN**
616	2420	Concept		No	TSG GERAN



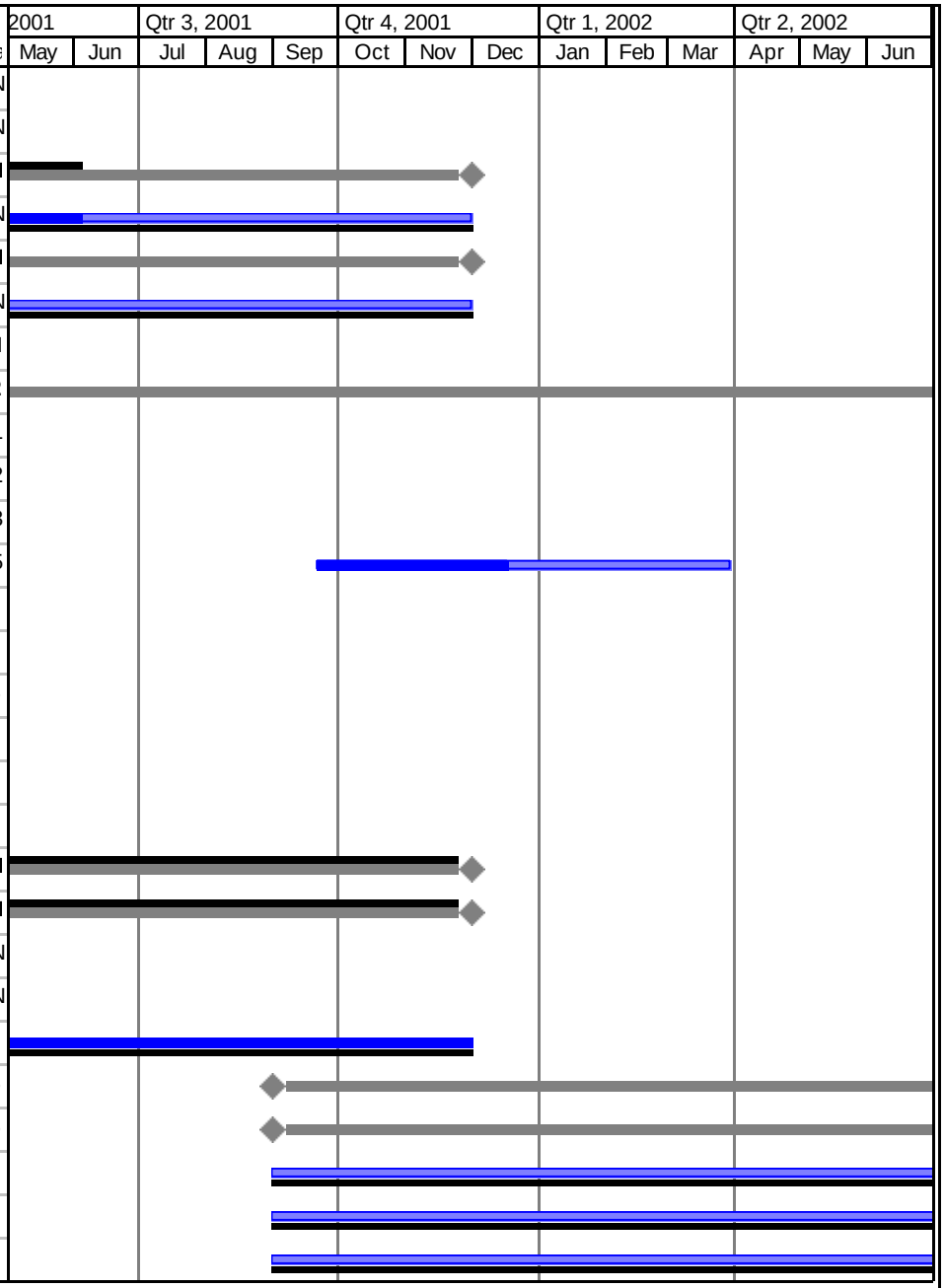
ID	Unique_ID	Name	Release	Splita	Resource Na
617	2317	Changes in 03.64		No	TSG GERAN
618	2318	Changes in 04.60		No	TSG GERAN
619	2319	Changes in 44.008		No	TSG GERAN
620	50030	**NMS conformance test for Intra BSC NACC**		No	TSG GERAN
621	**2324**	**GERAN improvements 4 (Delayed TBF)**	**Rel4**	**No**	**TSG GERAN**
622	**2325**	**Gb enhancements 2**		**No**	**TSG GERAN**
623	2429	stage 2		No	TSG GERAN
624	**2421**	Stage 3 (changes in 44.060)		**No**	**WG GERAN2**
625	2327	Definition of enhanced countdown procedure		No	WG GERAN2
626	2328	Definition of enhanced TBF release procedure		No	WG GERAN2
627	2329	Definition of USF=FREE type polling mechanism on PD		No	WG GERAN2
628	**1222**	**Low Chip Rate TDD option**	**Rel4**	**No**	**WG RAN1**
629	1223	**Physical layer**		No	WG RAN1
630	1224	**Layer 2 and layer 3 protocol aspects**		No	WG RAN2
631	1225	**RF radio transmission/reception, system perforr**		No	WG RAN4
632	1227	**UE radio access capability**		No	WG RAN2
633	1228	**Iub/Iur protocol aspects**		No	WG RAN3
634	**2262**	**Low chiprate TDD interworking with GERAN**		**No**	
635	2263	Handover and Cell Selection / Reselection to UTRA 1.28 M		No	
636	1911	**Start Testing**		No	MLST
637	**2103**	**Conformance Test Aspects - Low Chip Rate TDD**		**No**	**WG T1**
638	2217	Testing Layer 2 and layer 3 protocol aspects		No	WG T1
639	2562	Testing Layer 2 and layer 3 protocol aspects - TTCN		No	WG T1
640	2218	Testing RF Radio Transmission and Reception		No	WG T1
641	**1322**	**Enable bearer independent CS architecture**	**Rel4**	**No**	**WG SA2**
642	**1323**	**Enable bearer-independent call control**		**No**	**WG CN4**
643	1516	Architecture and Stage 2 description		No	WG SA2
644	1325	Standardisation of protocols (control & user planes) over		No	WG CN3



ID	Unique_II	Name	Release	Splita	Resource Na
645	1326	Standardisation of protocols over reference points betwee		No	WG CN4
646	1616	Standardisation of detailed stage 2 description		No	WG CN4
647	**1327**	Bearer control between MSC server and MGW		**No**	**WG CN4**
648	1328	stage 3 - protocol issues		No	WG CN4
649	1329	stage 3 - parameter value issues		No	WG CN3
650	1331	**Lawful interception**		No	WG SA3
651	1918	**Start Testing**		No	MLST
652	2052	**Conformance Test Aspects - Enable bearer inde**		No	WG T1
653	**1445**	**MExE enhancements Rel-4**	**Rel4**	**No**	**WG T2**
654	**1447**	**MExE Security Analysis Activity**		**No**	**WG SA3**
655	2045	Stage 3		No	WG SA3
656	1448	Terminal aspects		No	WG T2
657	**1810**	**MExE Rel4 Improvements and Investigations**		**No**	**WG T2**
658	1812	3rd MExE classmark		No	WG T2
659	1814	FS on Secure download mechanism and capabilities to su		No	WG T2
660	1815	FS on Support of MP3/MPEG4 content		No	WG T2
661	**1631**	**Tandem Free aspects for 3G and between 2G a**	**Rel4**	**No**	**WG SA4**
662	**1632**	**Tandem Free AMR**		**No**	**WG SA4**
663	130	Specification		No	WG SA4
664	**907**	Impact on:		**No**	**TSG CN**
665	131	CN		No	TSG CN
666	132	GERAN		No	TSG GERAN
667	**2230**	**Advanced Speech Call Items enhancements_F**	**Rel4**	**No**	**WG CN1**
668	2232	**Stage 2**		No	WG CN4
669	2231	**Stages 2 and 3 on A interface**		No	WG CN1
670	**2403**	**700 MHz spectrum support**	**Rel4**	**No**	**TSG GERAN**
671	**2404**	**GERAN support for the 700 MHz band**		**No**	**TSG GERAN**
672	2405	Signalling support		No	TSG GERAN

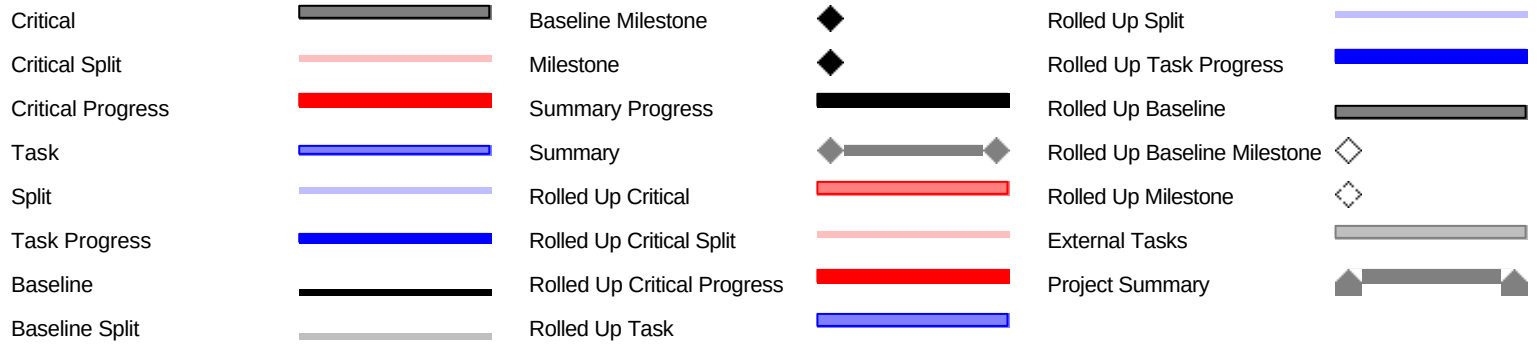


ID	Unique_ID	Name	Release	Split	Resource Name
673	2406	Physical layer definitions		No	TSG GERAN
674	2407	Receiver performance and RF budget		No	TSG GERAN
675	**2408**	**GERAN MS Conformance test for 700 MHz band**		**No**	**TSG GERAN**
676	2409	MS test		No	TSG GERAN
677	**2410**	**GERAN BTS Conformance test for 700 MHz band**		**No**	**TSG GERAN**
678	2411	BTS test		No	TSG GERAN
679	2463	**Operator Determined Barring for Packet Orier**	Rel4	No	TSG CN
680	**2546**	**UMTS QoS Architecture for PS Domain**	**Rel4**	**No**	**WG SA2**
681	2547	**Requirements**		No	WG SA1
682	2548	**Architecture**		No	WG SA2
683	1624	**Security aspects**		No	WG SA3
684	2550	**Charging and QoS Management**		No	WG SA5
685	2551	**IE for QoS PS Domain**		No	WG CN1
686	2552	**Interwork with External Networks**		No	WG CN3
687	**1681**	**RAB Quality of Service (re)Negotiation over Iu**		**No**	**WG RAN3**
688	1991	RAB Quality of Service Negotiation over Iu		No	WG RAN3
689	2456	RAB Quality of Service Negotiation over Iu during relocatic		No	WG RAN3
690	1992	RAB Quality of Service Re-Negotiation over Iu		No	WG RAN3
691	**1553**	**GERAN QoS Aspects - Handovers: maintenance**		**No**	**TSG GERAN**
692	**2306**	Handover Concept for the PS domain		**No**	**TSG GERAN**
693	2309	Stable RT handover report 25.936 including header re		No	TSG GERAN
694	2307	Update of stage 2		No	TSG GERAN
695	2308	Update of relevant stage 3 specs -> RRC		No	WG GERAN2
696	**50010**	**GERAN MS Conformance test for inter-system a**		**No**	**RAN4;RAN3**
697	**50011**	Handover for the PS domain		**No**	**RAN4;RAN3**
698	50012	Stable RT handover report 25.936 including header re		No	RAN4;RAN3
699	50013	Update of stage 2		No	RAN4;RAN3
700	50014	Update of relevant stage 3 specs		No	RAN4;RAN3

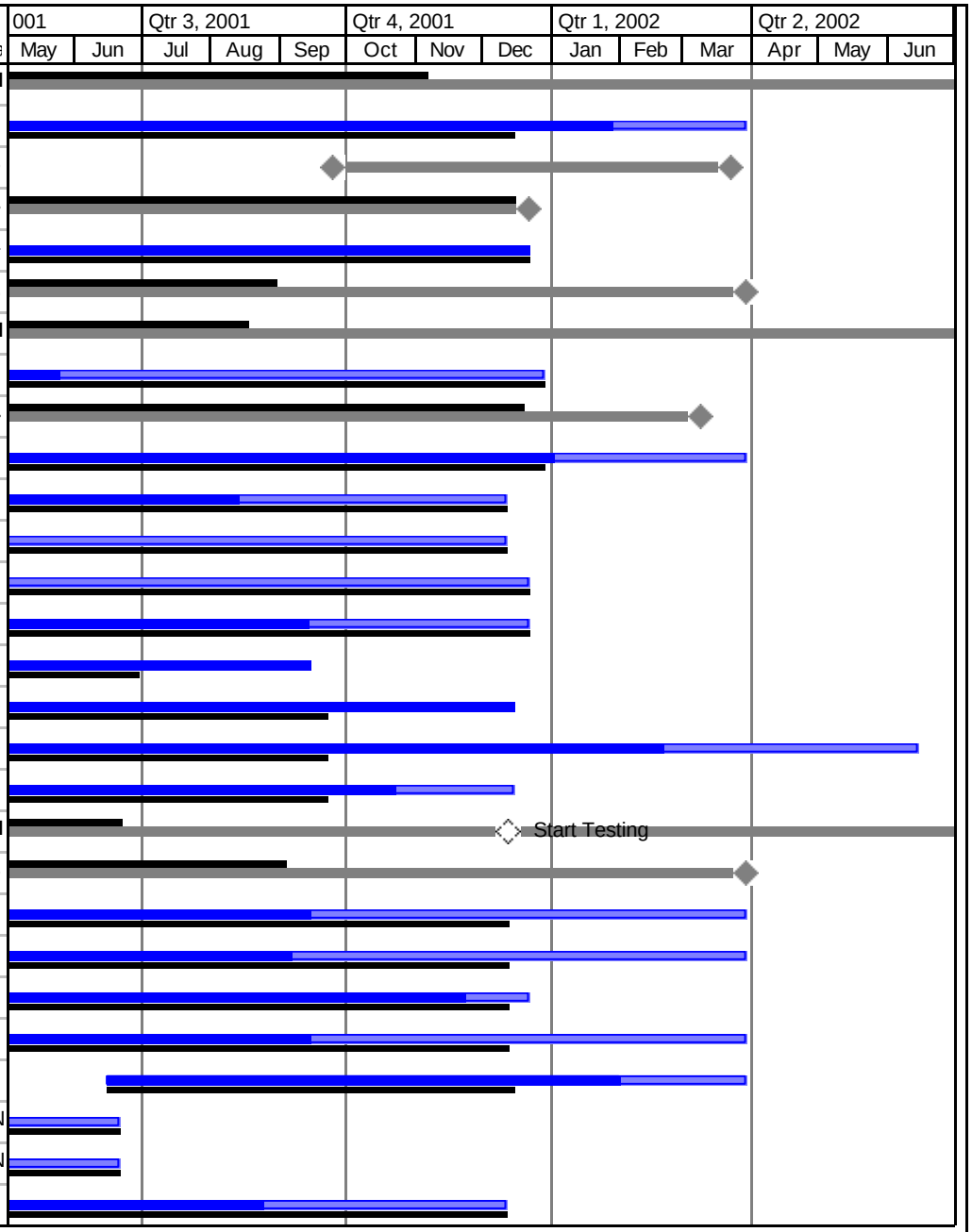


ID	Unique_ID	Name	Release	Splita	Resource Na	2001		Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002			Qtr 2, 2002		
						May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
701	1685	**PS-domain handover for real-time services**		No	WG RAN3														
702	2554	**RAB QoS Renegotiation at Relocation**		No	WG RAN3														
703	1993	**small Technical Enhancements and Improvem**	Rel4	No	Generic														

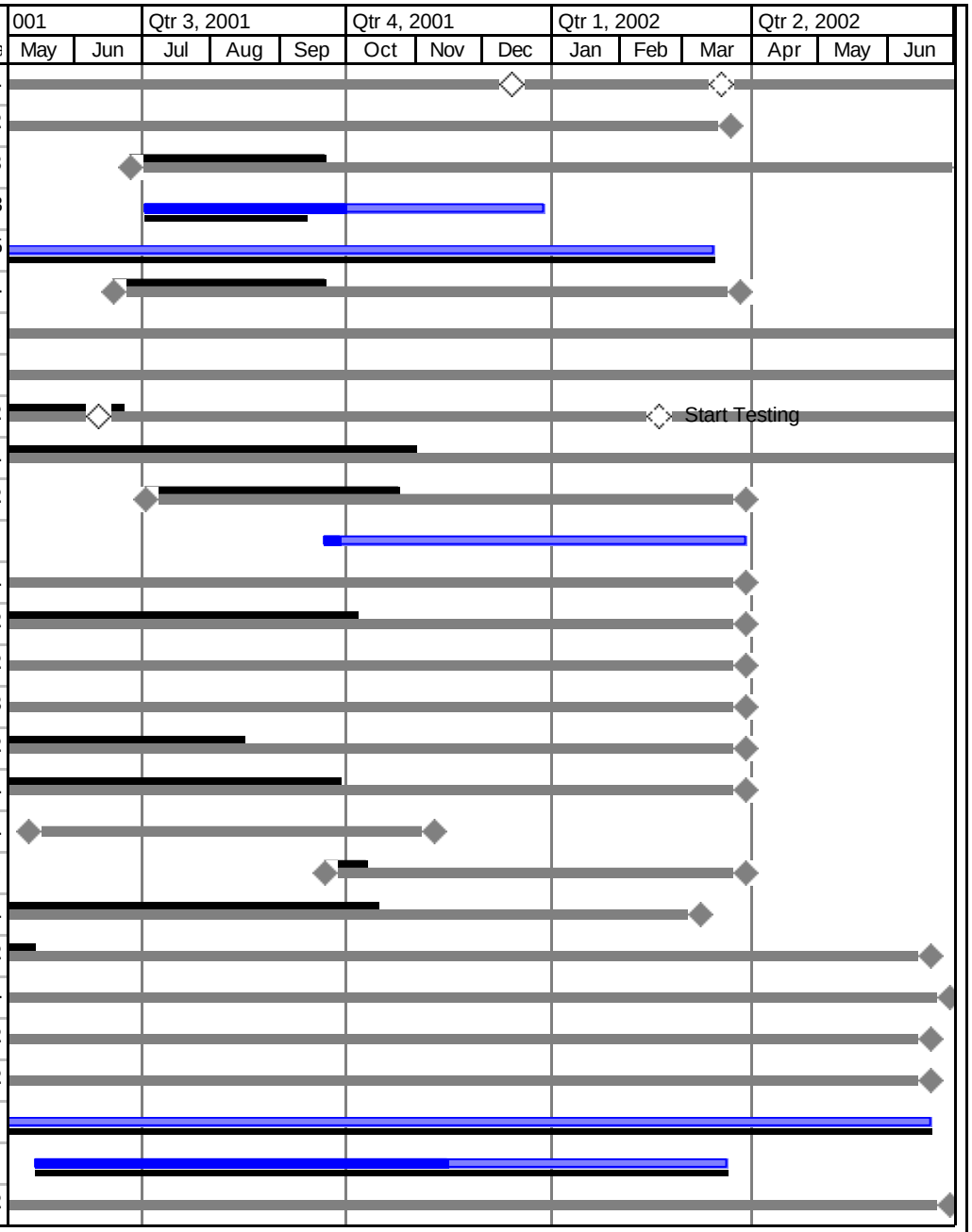
Project: 3GPP_Work Plan
Date: Wed 12/12/01



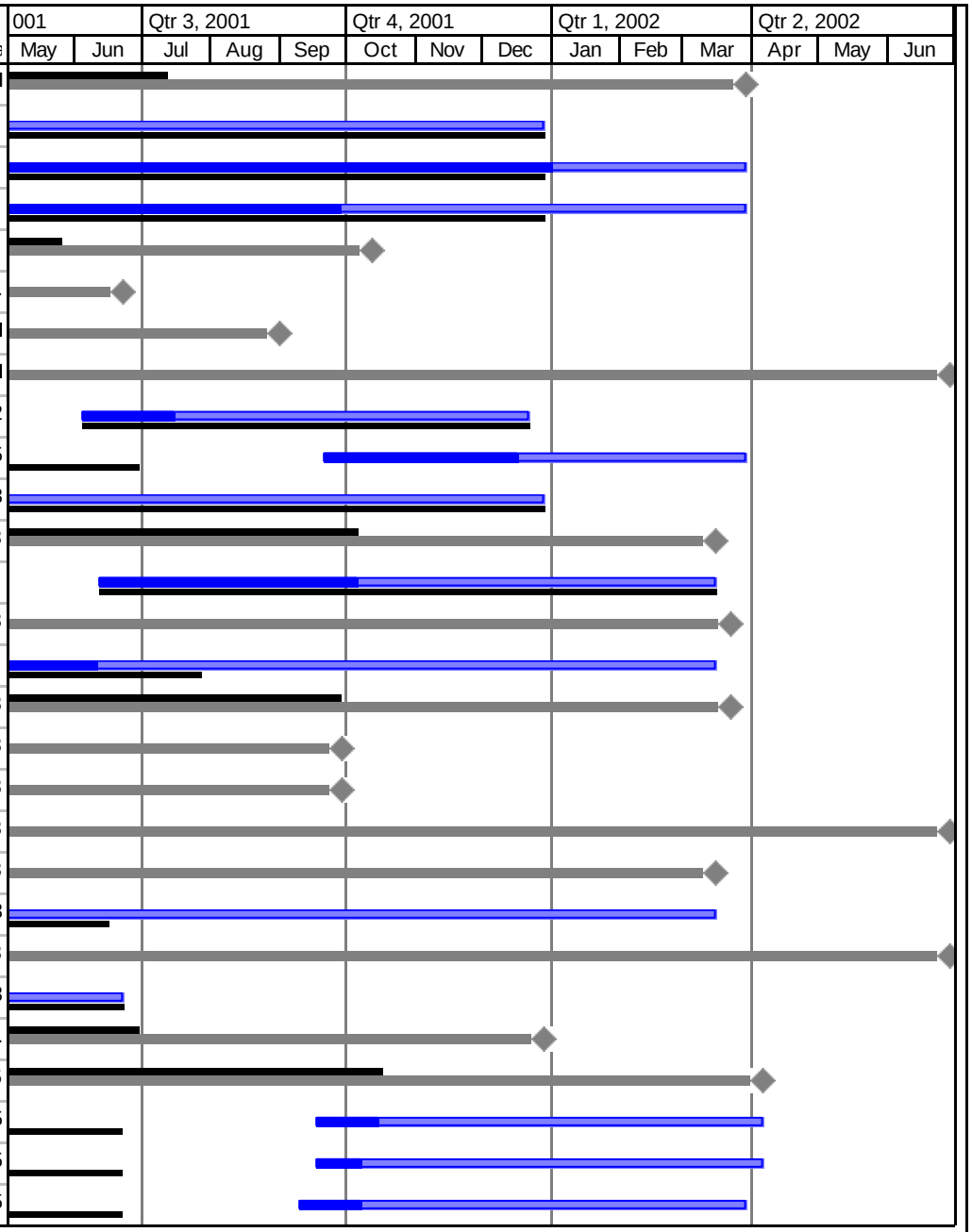
ID	Unique_II	Name	Release	Splitable	Resource Na
6	**2**	**Evolutions of the transport in the UTR/**	**NA**	**Yes**	**TSG RAN**
7	625	**IP transport in the UTRAN**	Rel5	No	WG RAN3
10	**2257**	**Evolution of transport in UTRAN and GE**	**Rel5**	**No**	**WG RAN3**
15	**4**	**Evolutions of the transport in the CN**	**NA**	**Yes**	**WG CN4**
21	2455	**FS on Usage of SUA**	Rel5	No	WG CN4
24	**2476**	**High Speed Downlink Packet Access**	**Rel5**	**No**	**WG RAN2**
29	**1216**	**Improvements of Radio Interface**	**NA**	**Yes**	**TSG RAN**
30	1470	**Improvement of inter-frequency and in**	Rel5	No	WG RAN1
31	**1471**	**Base station classification**	**Rel5**	**No**	**WG RAN4**
35	1217	**Hybrid ARQ II/III**	Rel5	No	WG RAN2
43	2469	**Enhancement on the DSCH hard split m**	Rel5	No	WG RAN1
44	2471	**FS on Fast Cell Selection (FCS) for HS-I**	Rel5	No	WG RAN1
45	1506	**FS on Radio link performance enhance**	Rel5	No	WG RAN1
47	1221	**FS on USTS**	Rel5	No	WG RAN1
49	1997	**FS on UE antenna efficency test metho**	Rel5	No	WG RAN4
50	2494	**FS on the re-introduction of the downli**	Rel5	No	WG RAN4
51	24001	**FS on UTRA WideBand Distribution Sys**	Rel5	No	WG RAN4
52	2493	**FS on mitigating the effect of CPICH int**	Rel5	No	WG RAN4
65	**9**	**RAN improvements**	**NA**	**Yes**	**TSG RAN**
66	**656**	**RRM optimization for Iur and Iub**	**Rel5**	**No**	**WG RAN3**
70	2488	**RL Timing Adjustment**	Rel5	No	WG RAN3
71	2489	**Separation of resource reservation and**	Rel5	No	WG RAN3
72	2490	**Improvement of Radio Resource Manag**	Rel5	No	WG RAN3
73	2491	**Re-arrangements of Iub transport beare**	Rel5	No	WG RAN3
74	23003	**SRNS Relocation Procedure Enhancem**	Rel5	No	WG RAN3
78	1680	**Header compression removal/stripping**	Rel5	No	TSG RAN
79	1686	**Unequal error protection in PS domain**	Rel5	No	TSG RAN
81	2472	**Node B Synchronisation for 1.28 Mcps T**	Rel5	No	WG RAN1



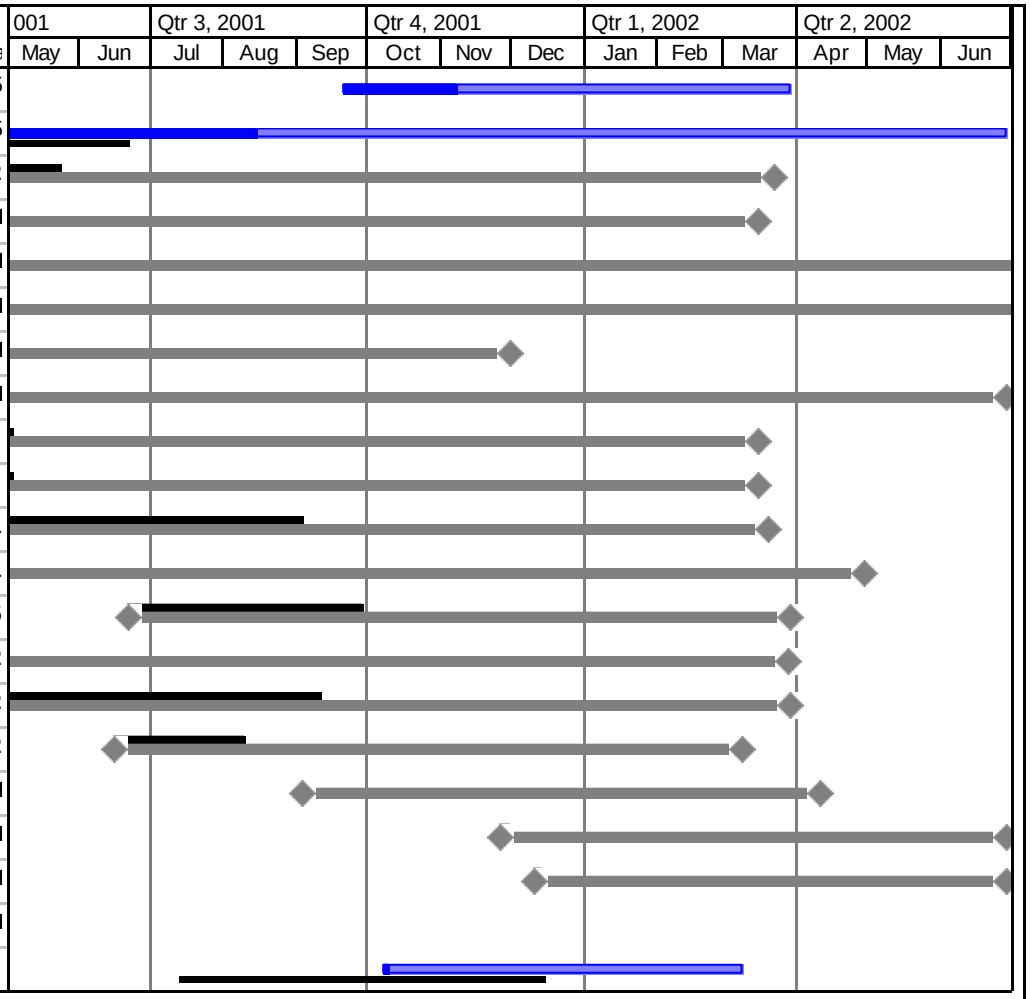
ID	Unique_ID	Name	Release	Splitable	Resource Name
86	1273	**Provisioning of IP-based multimedia s**	NA	Yes	WG SA1
87	1274	**Call control and roaming to support IMS**	Rel5	No	WG SA2
112	1298	**Access Security for IMS**	Rel5	No	WG SA3
116	2574	**Security Aspects of Requirement for Ne**	Rel5	No	WG SA3
119	2242	**Charging Management for IMS**	Rel5	No	WG SA5
165	34001	**Extended Transparent End-to-End PS**	Rel5	No	WG SA4
168	1652	**Emergency call enhancements**	NA	Yes	WG CN1
169	1653	**For IP & PS based calls**	Rel5	No	WG CN1
183	1517	**Global Text Telephony**	Rel5	No	WG SA2
191	1367	**VHE enhancements**	NA	Yes	WG SA1
193	2104	**Extensions to OSA to support VHE**	Rel5	No	WG SA2
199	0	**(copy) OSA Stage 3**	Rel5	No	WG CN5
200	1637	**OSA enhancements**	NA	Yes	WG SA1
202	1424	**Interactions OSA - e-commerce**	Rel5	No	WG SA2
205	1429	**OSA APIs for MuMa CC**	Rel5	No	WG SA2
208	1419	**OSA security**	Rel5	No	WG SA3
215	1433	**Retrieval of Terminal capabilities**	Rel5	No	WG SA2
219	1786	**LCS - OSA interfaces**	Rel5	No	WG SA1
223	2538	**Interaction with Rel-5 features**	Rel5	No	WG SA1
227	2519	**OSA Stage 3**	Rel5	No	WG CN5
230	1638	**CAMEL phase 4**	Rel5	No	WG SA1
244	2464	**MExE enhancements Rel-5**	Rel5	No	WG T2
247	1625	**Wideband Telephony Service - AMR**	Rel5	No	WG SA4
290	1826	**Terminal interfaces**	NA	Yes	WG T2
294	1829	**Wide Area Data Synchronisation**	NA	Yes	WG T2
296	1831	vObjects and Other Constructs for Use in Data	Rel5	No	WG T2
298	2573	**Terminal local model enhancements**	Rel5	No	WG T2
299	1536	**Location Services enhancements**	NA	Yes	WG SA2



ID	Unique_II	Name	Release	Splitable	Resource Na
309	**1600**	**UE positioning**	**NA**	**No**	**TSG RAN**
312	2457	UE positioning enhancements - other methods	Rel5	No	WG RAN2
313	2474	UE positioning enhancements for 1.28 Mcps TD	Rel5	No	WG RAN2
314	2475	Open SMLC-SRNC Interface within the UTRAN	Rel5	No	WG RAN2
315	**2125**	Open SMLC-SRNC Interface within the UTRAN	**Rel5**	**No**	**WG RAN2**
317	**1171**	**Event based and Periodic LCS**	**Rel5**	**No**	**WG SA1**
321	**2436**	**Location Services for GERAN in A/Gb M**	**Rel5**	**No**	**TSG GERAN**
327	**2442**	**Location Services for GERAN in Iu Mod**	**Rel5**	**No**	**TSG GERAN**
335	32001	**Enhanced support for user privacy and**	Rel5	No	WG SA2
345	0	**(copy) Charging and OAM&P**	Rel5	No	WG SA5
346	521	**New security aspects of LCS (not identi**	Rel5	No	WG SA3
347	**1560**	**UICC/(U)SIM enhancements and interw**	**NA**	**Yes**	**WG T3**
349	2517	**UICC/USIM Transport Protocol**	Rel5	No	WG T3
350	**1800**	**(U)SIM toolkit enhancements**	**NA**	**Yes**	**WG T3**
352	1566	**Enhancements to (U)SIM toolkit secure**	Rel5	No	WG T3
353	**1801**	**Protocol Standardisation of a SIM Tool**	**Rel5**	**No**	**WG T3**
357	**1802**	**UICC API**	**NA**	**Yes**	**WG T3**
358	**2031**	C SIM API	**Rel5**	**No**	**WG T3**
361	**1571**	**Security enhancements**	**NA**	**No**	**WG SA3**
368	**1583**	**MAP application layer security**	**Rel4**	**Yes**	**WG SA3**
371	1594	Visibility and Configurability of security	Rel5	No	WG SA3
372	**1576**	**Network domain security**	**Rel5**	**Yes**	**WG SA3**
382	1595	**FIGS**	Rel5	No	WG SA3
394	**1365**	**Support of Push Services**	**Rel5**	**No**	**SA2;WG SA1**
397	**1142**	**Charging and OAM&P (Master)**	**NA**	**No**	**WG SA5**
399	35002	**Rel5 Principles, high level Requirement**	Rel5	No	WG SA5
401	35003	**Rel5 Performance Management**	Rel5	No	WG SA5
405	35004	**Rel5 Charging Management**	Rel5	No	WG SA5



ID	Unique_II	Name	Release	Splitable	Resource Na
407	35001	**Network Infrastructure Management**	Rel5	No	WG SA5
408	2062	**Subscription Management**	Rel5	No	WG SA5
409	**2243**	**Intra Domain Connection of RAN Node**	**Rel5**	**No**	**WG SA2**
415	**2320**	**GERAN improvements 3 (new transpor**	**Rel5**	**No**	**TSG GERAN**
419	**2330**	**GERAN support for IMS**	**Rel5**	**No**	**TSG GERAN**
435	**2345**	**Alignment of 3G functional split and Iu**	**Rel5**	**No**	**TSG GERAN**
495	**2392**	**GERAN enhancements for streaming s**	**Rel5**	**No**	**TSG GERAN**
499	**2396**	**GERAN enhancements for streaming s**	**Rel5**	**No**	**TSG GERAN**
506	**2412**	**GERAN/UTRAN interface evolution 1 (**	**Rel5**	**No**	**N;WG RAN3**
510	**2416**	**GERAN/UTRAN interface evolution 2 (**	**Rel5**	**No**	**N;WG RAN3**
514	**2499**	**Support of Presence Capability**	**Rel5**	**No**	**WG SA1**
521	**2507**	**Display of Service Provider name on U**	**Rel5**	**No**	**WG SA1**
527	**2520**	**User Equipment Management**	**Rel5**	**No**	**WG SA5**
529	**2527**	**Emergency calls without UICC/SIM in r**	**Rel5**	**No**	**WG SA2**
532	**2556**	**End to End QoS for PS Domain includi**	**Rel5**	**No**	**WG SA2**
536	**2569**	**Messaging enhancements Rel-5**	**Rel5**	**No**	**WG T2**
543	**50001**	**GERAN Inter BSC NACC improvement**	**Rel5**	**No**	**TSG GERAN**
550	**50033**	**Enhanced Power Control**	**Rel5**	**No**	**TSG GERAN**
554	**50037**	**8PSK AMR HR**	**Rel5**	**No**	**TSG GERAN**
558	**50041**	**Uplink TDOA feasibility study**	**Rel5**	**No**	**TSG GERAN**
560	13000	**Service Change and UDI Fallback**	Rel5	No	WG CN3



Project: 3GPP_Work Plan
Date: Wed 12/12/01