3GPP Work Plan – Cover page
Version 2001, June 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 March 30th and June 12th

QoS split into Rel4 and Rel5 parts

Deletion of:
GTT Interworking [UID=1524]
IWF at the Edge (CN border) [UID=2205]
MExE interactions [UID=1916]

Addition of:
Inclusion of ODB data in the CSE-HLR interface
Location information during an ongoing call (Handover DP)
GPRS Any Time Interrogation

Comments

Separate proposal at SA#12 to restructure the following Features:
- GTT
- IMS
- LCS

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).

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.

ID	Unique ID	Name	Release	Splitable	Resource Na	Qtr 1, 2001	Qtr 2, 2001	Qtr 3, 2001	Qtr 4, 2001	Qtr 1, 2002
1	2044	**VERSION 2001 June 12th**		No						
2	1462	**"CTRL + a" to display all the 3GPP fields**		No						
3	1463	**If MS Project crashes, hide the "hyperlink" field**		No						
4	2058			No						
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 and**	Rel4	No	WG RAN3					
9	1995	**Transport bearer modification procedure on Iub, Iur,**	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 - Identifi		No	WG RAN3					
12	2259	Addition of transport mechanisms other than ATM for Iu - Specif		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	Rel-5	No	WG CN4					
22	1513	**FS on Transport and control separation in the PS CN**		**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**	Rel5	No	WG RAN3					
28	2480	**RF Radio Transmission/ Reception, System Performa**		No	WG RAN4					
29	2481	**Enhancement of Broadcast and Introduction of Mul**	Rel5	No	WG RAN2					

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30	**1216**	**Improvements of Radio Interface**	**NA**	**Yes**	**TSG RAN**					
31	1470	Improvement of inter-frequency and inter-system me	Rel5	No	WG RAN1					
32	**1471**	**Base station classification**	**Rel5**	**No**	**WG RAN4**					
33	1476	FDD Base station classification		No	WG RAN4					
34	1477	TDD Base station classification		No	WG RAN4					
35	1217	**Hybrid ARQ II/III**	Rel5	No	WG RAN2					
36	1218	**Improved usage of downlink resource in FDD for CCT**	Rel5	No	WG RAN2					
37	1507	**Terminal Power Saving features**	Rel5	No	WG RAN1					
38	1509	**UTRA repeater specification (master)**	Rel4	No	WG RAN4					
39	1994	**DSCH power control improvement in soft handover**	Rel4	No	WG RAN1					
40	1996	**UMTS 1800**	Rel4	No	WG RAN4					
41	2467	**UMTS 1900**	Rel5	No	WG RAN4					
42	2468	**Multiple Input Multiple Output antennas (MIMO)**	Rel5	No	WG RAN1					
43	2469	**Enhancement on the DSCH hard split mode**	Rel5	No	WG RAN1					
44	2470	**Gated DPCCH Transmission**	Rel5	No	WG RAN1					
45	2471	**FS on Fast Cell Selection (FCS) for HS-DSCH**	Rel5	No	WG RAN1					
46	1506	**FS on Radio link performance enhancements**	Rel5	No	WG RAN1					
47	1219	**FS on High Speed downlink packet access**		No	WG RAN2					
48	1221	**FS on USTS**	Rel5	No	WG RAN1					
49	1510	**FS on improved common DL channel for Cell-FACH s**		No	WG RAN2					
50	1997	**FS on UE antenna efficency test method performanc**		No	WG RAN4					
51	2494	**FS on the re-introduction of the downlink SIR measu**	Rel5	No	WG RAN4					
52	2493	**FS on mitigating the effect of CPICH interference at**	Rel5	No	WG RAN4					
53	**1839**	**Conformance Test Spec. improvements in Radio Inte**		**No**	**WG T1**					
54	2210	Testing improvement of inter-frequency and inter-system measu		No	WG T1					
55	2211	Testing Hybrid ARQ II/III		No	WG T1					
56	2212	Testing Improved usage of downlink resource in FDD for CCTrC		No	WG T1					
57	2213	Testing Terminal Power saving features		No	WG T1					
58	2214	Testing DSCH power control improvement in soft handover		No	WG T1					

ID	Unique ID	Name	Release	Splitable	Resource Na
59	2215	Testing UMTS 1800/1900		No	WG T1
60	2561	Testing UMTS 1800/1900 - TTCN		No	WG T1
61	1222	**Low Chip Rate TDD option**	**Rel4**	**No**	**WG RAN1**
62	1223	**Physical layer**		No	WG RAN1
63	1224	**Layer 2 and layer 3 protocol aspects**		No	WG RAN2
64	1225	**RF radio transmission/reception, system performanc**		No	WG RAN4
65	1227	**UE radio access capability**		No	WG RAN2
66	1228	**Iub/Iur protocol aspects**	Rel4	No	WG RAN3
67	2262	**Low chiprate TDD interworking with GERAN**		**No**	
68	2263	Handover and Cell Selection / Reselection to UTRA 1.28 Mcps TD		No	
69	1911	**Start Testing**		No	MLST
70	2103	**Conformance Test Aspects - Low Chip Rate TDD**		**No**	**WG T1**
71	2216	Testing Physical Layer		No	WG T1
72	2217	Testing Layer 2 and layer 3 protocol aspects		No	WG T1
73	2562	Testing Layer 2 and layer 3 protocol aspects - TTCN		No	WG T1
74	2218	Testing RF Radio Transmission and Reception		No	WG T1
75	2219	Testing UE radio access capability		No	WG T1
76	9	**RAN improvements**	**NA**	**Yes**	**TSG RAN**
77	656	**RRM optimization for Iur and Iub**	Rel4	No	WG RAN3
78	2488	**RL Timing Adjustment**	Rel5	No	WG RAN3
79	2489	**Separation of resource reservation and radio link ac**	Rel5	No	WG RAN3
80	2490	**Improvement of Radio Resource Management across**	Rel5	No	WG RAN3
81	2491	**Traffic Termination Point Swapping**	Rel5	No	WG RAN3
82	655	**Node B synchronisation for TDD**	Rel4	No	WG RAN1
83	624	**RAB support enhancement - except Robust Header C**	Rel5	No	WG RAN2
84	2206	**RAB support enhancement - Robust Header Compres**	Rel4	No	WG RAN2
85	1680	**Header compression removal/stripping in the RAN**	Rel5	No	TSG RAN
86	1686	**Unequal error protection in PS domain in the RAN**	Rel5	No	TSG RAN
87	2472	**Node B Synchronisation for 1.28 Mcps TDD**	Rel5	No	WG RAN1

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88	1912	**Start Testing**		No	MLST	◆ Start Testing				
89	**2102**	**Conformance Test Aspects - RAN Improvements**		**No**	**WG T1**					
90	2220	Testing Smart antenna		No	WG T1					
91	2221	Testing Node B synchronisation for TDD		No	WG T1					
92	2222	Testing Radio access bearer support enhancments		No	WG T1					
93	2461	Testing RAB support enhancements-Robust Header Compressic		No	WG T1					
94	**1273**	**Provisioning of IP-based multimedia services**	**Rel5**	**No**	**WG SA1**	MLST: Stage 3 for basic calls			▽ Start Testing	
95	**1274**	**Call control and roaming to support IP-based multim**		**No**	**WG SA2**	MLST: Stage 3 for basic calls				◆
96	1633	Stage 1		No	WG SA1					
97	1514	Stage 2 (Architecture and Main flows)		No	WG SA2					
98	1277	FS on Impacts on HSS		No	WG CN4					
99	**2233**	SIP Call Control protocol for the IM CN Subsystem		**No**	**WG CN1**				◆	
100	1998	IMS signalling flows		No	WG CN1					
101	1278	IMS stage 3		No	WG CN1					
102	2255	IMS Session Handling; stage 2		No	WG CN1					
103	2521	IETF: draft-ietf-sip-rfc2543bis-02 (Session Initiation Protocol		No	WG CN1					
104	2522	IETF: draft-sip-manyfolks-resource-01 (Without COMET)(Inte		No	WG CN1					
105	2523	IETF: draft-ietf-sip-100rel-02 (Reliability of Provisional Respo		No	WG CN1					
106	2524	IETF: draft-ietf-sip-privacy-01 (SIP extensions for caller ider		No	WG CN1					
107	2525	IETF: draft-ietf-sip-call-auth-01 (SIP extensions for media au		No	WG CN1					
108	2526	IETF: draft-roach-sip-subscribe-notify-03 (Event Notification		No	WG CN1					
109	1673	MLST: Stage 3 for basic calls		No	MLST	◆ MLST: Stage 3 for basic calls				
110	1280	SIP SS and relationship to Mg, Mw and Cx		No	WG CN4					
111	**1281**	Multimedia Capabilities		**No**	**WG CN1**				◆	
112	1282	Terminal capabilities		No	WG CN1					
113	1806	Terminal capabilities and Interactions on running multimedia		No	WG T2					
114	1805	Network capabilities		No	WG CN1					
115	1285	Network capabilities (N4 aspects)		No	WG CN4					
116	2529	UE Functionality Split		No	WG SA1					

ID	Unique ID	Name	Release	Splitable	Resource Na	Qtr 1, 2001 Jan Feb Mar	Qtr 2, 2001 Apr May Jun	Qtr 3, 2001 Jul Aug Sep	Qtr 4, 2001 Oct Nov Dec	Qtr 1, 2002 Jan Feb Mar
117	**1286**	CSCF – HSS (Cx) applications and services (SCP)		**No**	**WG SA2**					
118	1515	Stage 2 flows		No	WG SA2					
119	2021	Stage 2 flows (N4) (see note)		No	WG CN4					
120	2023	Impacts from CAMEL		No	WG CN4					
121	1288	Impact on Camel Stage 3		No	WG CN2					
122	1289	Impact on MAP		No	WG CN4					
123	2024	Stage 3 protocol on Cx		No	WG CN4					
124	**1290**	Addressing, Identities		**No**	**WG SA2**					
125	1291	Architectural issues		No	WG SA2					
126	1292	Impact on HSS		No	WG CN4					
127	**1294**	Interworking with other multimedia protocols		**No**	**WG CN3**					
128	1296	Impact on MM/CC/SM		No	WG CN1					
129	2047	Interworking between IM CN subsystem and CS networks		No	WG CN3					
130	2048	Interworking between IM CN subsystem and IP networks		No	WG CN3					
131	2530	Service Examples		No	WG SA1					
132	2531	IMS Framework Report		No	WG SA1					
133	1913	**Start Testing**		No	MLST					◆ Start Testing
134	1844	**Conformance Test Aspects - Provisioning of IP-based**		No	WG T1					
135	1298	**Access Security for IP-based services**		No	WG SA3					
136	2574	**Security Aspects of Requirement for Network Config**		No	WG SA3					
137	1299	**Lawful interception**		No	WG SA3					
138	1300	**RAN improvements and evolution of the bearers on**		No	TSG RAN					
139	1303	**(copy) Charging and OAM&P**	Rel5	No	WG SA5					
140	1598	**(Copy) AMR-WB**		No	WG SA4					
141	**1305**	**Roaming between IMS and CS domain networks (roa**		**No**	**WG CN4**					
142	1457	Roaming requirements		No	WG SA1					
143	1306	Stage 2		No	WG SA2					
144	1307	Stage 2 review		No	WG CN4					
145	1456	Internetwork roaming aspects		No	?					

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ID	Unique ID	Name	Release	Splitable	Resource Na
146	2227	MExE interactions		No	WG T2
147	2228	MMS interactions		No	WG T2
148	1310	**Support of VHE/OSA by Rel4 network entities and prc**		No	WG CN5
149	1732	**Number portability in IMS**		No	WG CN4
150	**2036**	**Multimedia codecs and protocols for conversational**	**No**		**WG SA4**
151	2039	Codecs		No	WG SA4
152	2040	performance characterisation of codec		No	WG SA4
153	2038	protocols		No	WG SA4
154	1539	**Transparent End-to-End PS mobile streaming appl**	Rel4	No	WG SA4
155	**1652**	**Emergency call enhancements**	**NA**	**Yes**	**WG CN1**
156	**1653**	**For IP & PS based calls**	**Rel5**	**No**	**WG CN1**
157	1314	Service Requirements for IP-based emergency calls		No	WG SA1
158	1315	SIP emergency calls and packet emergency calls signalling flow		No	WG CN1
159	1316	Stage 2 for emergency calls and packet emergency calls in gene		No	WG SA2
160	1317	Distinction of emergency call types to different emergency servi		No	WG CN1
161	1646	Stage 3 for emergency calls and packet emergency calls in gene		No	WG CN1
162	1605	(Copy2) Ensure reliable QoS for PS domain and IM subsystem		No	WG SA2
163	**1654**	**For CS based calls**	**Rel4**	**No**	**WG CN1**
164	1320	Distinction in CS domain of emergency call types to different em		No	WG SA1
165	1999	Distinction in CS domain of emergency calls to different emerger		No	WG CN1
166	**2224**	**Conformance Test Aspects - Emergency call enhanc**		**No**	**WG T1**
167	2225	Testing Stage 3 for emergency calls and packet emergency calls		No	WG T1
168	2226	Testing CS based emergency calls		No	WG T1
169	2563	Testing CS based emergency calls - TTCN		No	WG T1
170	**1322**	**Enable bearer independent CS architecture**	**Rel4**	**No**	**WG SA2**
171	**1323**	**Enable bearer-independent call control**		**No**	**WG CN4**
172	1516	Architecture and Stage 2 description on 23.002		No	WG SA2
173	1325	Standardisation of protocols (control & user planes) over Nb int		No	WG CN3
174	1326	Standardisation of protocols over reference points between MS		No	WG CN4

Start Testing

ID	Unique ID	Name	Release	Splitable	Resource Na	Qtr 1, 2001 Jan Feb Mar	Qtr 2, 2001 Apr May Jun	Qtr 3, 2001 Jul Aug Sep	Qtr 4, 2001 Oct Nov Dec	Qtr 1, 2002 Jan Feb Mar
175	1616	Standardisation of detailed stage 2 description		No	WG CN4					
176	**1327**	Bearer control between MSC server and MGW		**No**	**WG CN4**					
177	1328	stage 3 - protocol issues		No	WG CN4					
178	1329	stage 3 - parameter value issues		No	WG CN3					
179	1331	**Lawful interception**		No	WG SA3					
180	1332	**Bearer Independence and codec control issues**		No	WG SA4					
181	1918	**Start Testing**		No	MLST	◆ Start Testing				
182	**2052**	**Conformance Test Aspects - Enable bearer independ**		**No**	**WG T1**					
183	1847	UE Conformance test spec., Bearer independent CS, Protocol		No	WG T1					
184	1848	UE Conformance test spec., Bearer independent CS, TTCN		No	WG T1					
185	**1340**	**Facsimile**	Rel4	No	**WG SA1**					
186	**1341**	**Real Time Fax**		**No**	**WG SA2**					
187	1808	Terminal capabilities, AT commands		No	WG T2					
188	1343	Signalling aspects (e.g. ICM)		No	WG CN1					
189	1648	Service provision		No	WG CN3					
190	1345	Review whether service/stage 1 aspects need to be aligned		No	WG SA1					
191	1346	Review whether architecture/stage 2 aspects need to be aligne		No	WG SA2					
192	2041	**Start Testing**		No	MLST					
193	1851	**Conformance Test Aspects - Facsimile**		No	WG T1					
194	**1517**	**Global Text Telephony**	NA	Yes	**WG SA2**	▽ Start Testing				
195	**2240**	**Minimum solution**	Rel5	No	**WG SA2**					
196	1634	Stage 1		No	WG SA1					
197	1519	Stage 2		No	WG SA2					
198	**2234**	Specification of Cellular Text telephone Modem		**No**	**WG SA4**					
199	2238	General description and C-code		No	WG SA4					
200	2237	Minimum Performance requirements		No	WG SA4					
201	**2239**	**Improvements of GTT**	Rel5	No	**WG SA2**	▽ Start Testing				
202	**1350**	Activation and transport		**No**	**WG SA2**					
203	1520	SIP and H.324 Activation and transport		No	WG SA2					

ID	Unique ID	Name	Release	Splitable	Resource Na	Qtr 1, 2001	Qtr 2, 2001	Qtr 3, 2001	Qtr 4, 2001	Qtr 1, 2002
						Jan Feb Mar	Apr May Jun	Jul Aug Sep	Oct Nov Dec	Jan Feb Mar
204	1521	Data Channel Activation and transport		No	WG SA2					
205	1523	Selection of transport method		No	WG SA2					
206	1809	Terminal Aspects		No	WG T2					
207	1357	USIM Aspects		No	WG T3					
208	2096	GTT using CS multimedia telephony		No	WG SA4					
209	1915	Start Testing		No	MLST		◆ Start Testing			
210	1852	Conformance Test Aspects - Global Text telephony		No	WG T1					
211	1367	**VHE enhancements**	**NA**	**Yes**	**WG SA1**					
212	2498	**Global Stage 1 for VHE Enhancements**		No	WG SA1					
213	1368	**Detailed definition of the VHE user profile**	Rel5	No	WG SA2					
214	1404	Stage 2		No	WG SA2					
215	2123	Enhanced Subscription Management & User Profile		No	WG SA5					
216	2104	**Extensions to existing (and possibly new) toolkits**	Rel5	No	WG SA2					
217	2106	Stage 2		No	WG SA2					
218	2107	Stage 3 (wait for stage 2)		No						
219	2108	**Interaction between toolkits to enable IP multimedia**	Rel5	No	WG SA2					
220	2110	Stage 2		No	WG SA2					
221	2111	Stage 3 (wait for stage 2)		No						
222	2112	**Transparent roaming for services**	Rel5	No	WG SA2					
223	2114	Stage 2		No	WG SA2					
224	2115	Stage 3 (wait for stage 2)		No						
225	2532	**Charging**	**Rel5**	**Yes**	**WG SA2**					
226	2533	Stage 2		No	WG SA2					
227	2534	Stage 3		No	WG SA5					
228	2535	**Other VHE Enhancements**	**Rel5**	**Yes**	**WG SA2**					
229	2536	Stage 2		No	WG SA2					
230	2537	Stage 3		No	WG SA2					
231	1637	**OSA enhancements**	**NA**	**Yes**	**WG SA1**					
232	2120	**General Stage 2**		No	WG SA2					

ID	Unique ID	Name	Release	Splitable	Resource Na	Qtr 1, 2001	Qtr 2, 2001	Qtr 3, 2001	Qtr 4, 2001	Qtr 1, 2002
233	1424	**Interactions OSA - e-commerce**	Rel4	No	WG SA2					
234	1425	Stage 1		No	WG SA1					
235	1529	Stages 2 and 3		No	WG CN5					
236	1429	**OSA APIs for MuMa CC**	Rel5	No	WG SA2					
237	1430	Stage 1		No	WG SA1					
238	1530	Stages 2 and 3		No	WG CN5					
239	1419	**OSA security**	Rel5	No	WG SA3					
240	2121	Stage 1		No	WG SA1					
241	1420	Stage 2		No	WG SA2					
242	1421	Stage 3		No	WG SA3					
243	1422	security related SCF(s) definition		No	WG CN5					
244	1423	(possibly) changes required from supporting platforms, e.g. gsmS		No	WG SA3					
245	1621	impact on terminal		No	WG T2					
246	1433	**Retrieval of Terminal capabilities**	Rel5	No	WG SA2					
247	1434	Stage 1		No	WG SA1					
248	1436	Stages 2 and 3		No	WG CN5					
249	2122	Provisionning of the terminal capabilities		No	WG T2					
250	1786	**LCS - OSA interfaces**	Rel4	No	WG SA1					
251	1787	Stage 1		No	WG SA1					
252	2124	Stage 2		No	WG SA2					
253	1788	Stage 3		No	WG CN5					
254	**2538**	**Interaction with Rel-5 features**	**Rel5**	**No**	**WG SA1**					
255	2539	Access to Presence information		No	WG SA1					
256	2540	Access to User Profile		No	WG SA1					
257	2541	Policy Management		No	WG SA1					
258	2519	**OSA Stage 3**	Rel5	No	WG CN5					
259	2116	**(copy) Charging and OAM&P (!)**	Rel5	No	WG SA5					
260	**1638**	**CAMEL phase 4**	**Rel5**	**No**	**WG SA1**					
261	1461	**Service requirements**		No	WG SA1					

ID	Unique ID	Name	Release	Splitable	Resource Na	Qtr 1, 2001	Qtr 2, 2001	Qtr 3, 2001	Qtr 4, 2001	Qtr 1, 2002
						Jan Feb Mar	Apr May Jun	Jul Aug Sep	Oct Nov Dec	Jan Feb Mar
262	2011	**Charging notification to the CSE**		No	WG CN2					
263	2012	**Call Party Handling**		No	WG CN2					
264	2013	**Mid call procedure for MO and MT calls**		No	WG CN2					
265	2014	**Interactions with Optimal Routing**		No	WG CN2					
266	2015	**Inclusion of flexible tone injection**		No	WG CN2					
267	2016	**CSE control over MT SMS**		No	WG CN2					
268	2017	**CAMEL applicability to media streams like VoIP**		No	WG CN2					
269	2460	**Notification of GPRS mobility management to CSE**		No	WG CN2					
270	2459	**Enhancement of dialled services**		No	WG CN2					
271	2458	**Provision of location information of called subscribe**		No	WG CN2					
272	2514	**Inclusion of ODB data in the CSE_HLR interface**		No	WG CN2					
273	2515	**Location information during an ongoing call (Handov**		No	WG CN2					
274	2516	**GPRS Any Time Interrogation**		No	WG CN2					
275	**1445**	**MExE enhancements Rel-4**	**NA**	**No**	**WG T2**					
276	**1447**	**MExE Security Analysis Activity**	**Rel5**	**No**	**WG SA3**					
277	2045	Stage 3		No	WG SA3					
278	1448	Terminal aspects		No	WG T2					
279	**1810**	**MExE Rel4 Improvements and Investigations**	**Rel4**	**No**	**WG T2**					
280	1812	3rd MExE classmark		No	WG T2					
281	1814	FS on Secure download mechanism and capabilities to support S		No	WG T2					
282	1815	FS on Support of MP3/MPEG4 content		No	WG T2					
283	**2464**	**MExE enhancements Rel-5**	**NA**	**No**	**WG T2**					
284	2465	**MExE Rel-5 Security Analyisis**	Rel5	No	WG T2					
285	2466	**MExE Rel-5 Improvements and Investigations**	Rel5	No	WG T2					
286	**1625**	**Wideband Telephony Service - AMR**	**Rel5**	**No**	**WG SA4**	tart Testing				
287	**62**	**Specification**		**No**	**WG SA4**	art Testing				
288	1459	Design Constraints		No	WG SA4					
289	1460	General Description		No	WG SA4					
290	1626	Feasibility Study		No	WG SA4					

ID	Unique ID	Name	Release	Splitable	Resource Na
291	**67**	Codec issues		**No**	**WG SA4**
292	1627	Codec qualification		No	WG SA4
293	74	Codec selection tests		No	WG SA4
294	891	Codec selection		No	WG SA4
295	890	Other codec issues (verif., caracterisation)		No	WG SA4
296	1989	Start Testing		No	MLST
297	1855	Conformance tests (CRs to 34 series)		No	WG T1
298	**76**	Terminal Acoustic Characteristics		**No**	**WG SA4**
299	1628	Definition		No	WG SA4
300	1629	Test specification		No	WG SA4
301	**889**	**Implementation**		**No**	**WG SA4**
302	893	In UTRAN		No	TSG RAN
303	**80**	Support of AMR-WB in GERAN		**No**	**TSG GERAN**
304	2265	GMSK and 8PSK WB FR / HR support - Channel coding in 4!		No	TSG GERAN
305	2266	GMSK and 8PSK WB FR / HR support - Signalling for the A		No	TSG GERAN
306	2267	GMSK and 8PSK WB FR / HR support - Signalling for Iu		No	TSG GERAN
307	2268	GMSK and 8PSK WB FR / HR support - Link adaptation in 45		No	TSG GERAN
308	**2269**	GERAN MS conformance test for AMR-WB		**No**	**TSG GERAN**
309	2270	MS test		No	TSG GERAN
310	**2271**	GERAN BTS conformance test for AMR-WB		**No**	**TSG GERAN**
311	2272	BTS test		No	TSG GERAN
312	1656	In CN, see notes		No	WG CN1
313	**1541**	**Transcoder-Free Operation**	**Rel4**	**No**	**WG CN4**
314	**112**	**OoBTC solution**		**No**	**WG CN4**
315	1512	implementation in UTRAN	Rel4	No	WG RAN3
316	896	Impact on architecture, Principles and Terminology		No	WG SA2
317	1657	Codec Negotiation between UE and MSC		No	WG CN1
318	115	Codec Negotiation inter MSC		No	WG CN4
319	894	Bearer establishment inter MSC		No	WG CN4

ID	Unique ID	Name	Release	Splitable	Resource Name	Schedule
320	1617	Prevention of user fraud		No	WG SA3	
321	905	**Speech Transcoder: Location and Control at the UM**		**No**	**WG SA2**	
322	124	Transcoder at Edge		No	TSG CN	
323	1631	**Tandem Free aspects for 3G and between 2G and 3**	**Rel4**	**No**	**WG SA4**	
324	1632	**Tandem Free AMR**		**No**	**WG SA4**	
325	130	Specification		No	WG SA4	
326	907	Impact on:		**No**	**TSG CN**	
327	131	CN		No	TSG CN	
328	132	GERAN		No	TSG GERAN	
329	1818	**Multimedia Messaging**	**Rel4**	**No**	**WG T2**	
330	136	**Definition of service requirements**		No	WG SA1	
331	1819	**Review of definition of service requirements**		No	WG T2	
332	1820	**Technical Realisation**		**No**	**WG T2**	
333	1821	Review of definition of reference Achitecture model		No	WG T2	
334	1822	"Fulfill Requirements of Stage 1"		No	WG T2	
335	1823	Definition of MMS primitives in Stage 2		No	WG T2	
336	1826	**Terminal interfaces**	**NA**	**Yes**	**WG T2**	Start Testing
337	1827	**AT commands enhancements**	**Rel4**	**No**	**WG T2**	
338	1828	Specification of AT commands for new services		No	WG T2	
339	1858	UE Conformance test spec. AT command		No	WG T1	
340	1829	**Wide Area Data Synchronisation**	**NA**	**Yes**	**WG T2**	Start Testing
341	1830	Continues evolution of Synchronisation protocol	Rel4	No	WG T2	
342	1831	vObjects and Other Constructs for Use in Data Synchronisation	Rel5	No	WG T2	
343	2251	Start Testing		No	MLST	◆ Start Testing
344	1860	UE Conformance test spec. Wide area data sync		No	WG T1	
345	1832	**Terminal local model**	Rel4	No	WG T2	
346	2573	**Terminal local model enhancements**	Rel5	No	WG T2	
347	1536	**Location Services enhancements**	**NA**	**Yes**	**WG SA2**	
348	1171	**Event based and Periodic LCS**	**Rel5**	**No**	**WG SA1**	

ID	Unique ID	Name	Release	Splitable	Resource Na	Qtr 1, 2001 Jan	Feb	Mar	Qtr 2, 2001 Apr	May	Jun	Qtr 3, 2001 Jul	Aug	Sep	Qtr 4, 2001 Oct	Nov	Dec	Qtr 1, 2002 Jan	Feb	Mar
349	1641	Stage 1		No	WG SA1															
350	1538	Stage 2 specification		No	WG SA2															
351	1179	Impact on MAP		No	WG CN4															
352	519	**(copy) Charging and OAM&P (!)**	Rel5	No	WG SA5															
353	521	**New security aspects of LCS (not identified)**		No	WG SA3															
354	523	**LCS support in the CS domain**	Rel4	No	WG SA2															
355	**525**	**LCS support in the PS domain**	**Rel4**	**No**	**WG SA2**															
356	1642	Stage 1		No	WG SA1															
357	1181	Stage 2		No	WG SA2															
358	**1180**	Stage 3		**No**	**WG CN1**															
359	526	Layer 3 LCS signaling UE (MS) -SGSN (UMTS PS and and G		No	WG CN1															
360	2462	MAP impacts of LCS		No	WG CN4															
361	527	GTP signaling for LCS		No	WG CN4															
362	544	**LCS interoperation stage 2 aspects**		No	WG SA2															
363	**2434**	**LCS interoperation stage 2 aspects to GERAN**		**No**	**TSG GERAN**															
364	2435	Co-ordinated development of GSM LCS Phase 2and UMTS LCS,		No	TSG GERAN															
365	**2436**	**Location Services for GERAN in A/Gb Mode**		**No**	**TSG GERAN**															
366	2437	GERAN LCS Stage 2 (first release)		No	TSG GERAN															
367	2438	Gb interface support for LCS		No	TSG GERAN															
368	2439	RLC/MAC protocol support for LCS		No	TSG GERAN															
369	2440	L3 protocol support for LCS		No	TSG GERAN															
370	2441	Stage 3 specifications		No	TSG GERAN															
371	**2442**	**Location Services for GERAN in Iu Mode**		**No**	**TSG GERAN**															
372	2443	GERAN LCS Stage 2 (second release)		No	TSG GERAN															
373	2444	Iu-ps interface support for LCS		No	TSG GERAN															
374	2445	Iu-cs interface support for LCS		No	TSG GERAN															
375	2446	Iur-g interface support for LCS		No	TSG GERAN															
376	2447	RRC protocol support for LCS		No	TSG GERAN															
377	2448	Additional impacts on Broadcast of LCS data on packet channels		No	TSG GERAN															

ID	Unique ID	Name	Release	Splitable	Resource Na	Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002		
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
378	2449	Stage 3 specifications		No	TSG GERAN															
379	**2450**	**GERAN MS Conformance test for LCS**		**No**	**WG GERAN4**															
380	2451	MS test		No	WG GERAN4															
381	**2452**	**GERAN BTS Conformance test for LCS**		**No**	**WG GERAN3**															
382	2453	BTS test		No	WG GERAN3															
383	2229	**CBS interactions**	Rel4	No	WG T2															
384	**1600**	**UE positioning**	**Rel5**	**No**	**TSG RAN**															
385	1601	Iub/Iur interfaces for methods Rel 99	Rel4	No	WG RAN3															
386	1602	UE positioning enhancements - IPDL for TDD	Rel4	No	WG RAN2															
387	2457	UE positioning enhancements - other methods	Rel5	No	WG RAN2															
388	2474	UE positioning enhancements for 1.28 Mcps TDD	Rel5	No	WG RAN2															
389	2475	Open SMLC-SRNC Interface within the UTRAN to support UTRAN	Rel5	No	WG RAN2															
390	1603	(Copy) UTRA repeater specification		No	WG RAN4															
391	1796	**(Copy) LCS application interfaces (LCS-OSA)**		No	WG SA1															
392	1183	**FS on LCS support in the IM CN subsystem**		No	WG SA1															
393	**2125**	**Open SMLC-SRNC Interface within the UTRAN to sup**	**Rel5**	**No**	**WG RAN2**															
394	2127	Stage 2		No	WG SA2															
395	2126	Stage 3		No																
396	**1542**	**TO BE DELETED- Ensure reliable QoS for PS dom**	**Rel4**	**No**	**WG SA2**															
397	1543	**stage 2 for End-to-end QoS (re)negotiation and reser**		No	WG SA2															
398	**1658**	**stage 3 for End-to-end QoS (re)negotiation and reser**		**No**	**WG CN1**															
399	1545	GMM and SM aspects		No	WG CN1															
400	1546	GTP aspects		No	WG CN4															
401	**1547**	**Mapping of end to end QoS parameters on each inte**		**No**	**WG SA2**															
402	1548	Impacts on N4 documents		No	WG CN4															
403	1549	End to End QoS Stage 3	Rel5	No	WG CN3															
404	1550	**Interactions between external mechanisms and UMT**		Yes	WG CN3															
405	1660	**Mapping between the QoS UMTS point codes and th**		No	WG CN3															
406	1552	**(copy) Charging Management**	Rel5	No	WG SA5															

ID	Unique ID	Name	Release	Splitable	Resource Na
407	1619	**Application aspects, multi-mode aspects**		No	WG T2
408	**1554**	**Evolution of maximum SDU size**		**No**	**WG SA2**
409	1555	Impacts on CN protocols (e.g., GTP, MAP)		No	WG CN4
410	1556	Impact on interworking over GTP e.g. PPP		No	WG CN3
411	1611	**Admission control function triggers**	NA	No	WG RAN3
412	**1560**	**UICC/(U)SIM enhancements and interworking**	**NA**	**Yes**	**WG T3**
413	1799	**Common PCN Handset Specification (CPHS)**	Rel4	No	WG T3
414	2517	**UICC/USIM Transport Protocol**	Rel5	No	WG T3
415	**1800**	**(U)SIM toolkit enhancements**	**NA**	**Yes**	**WG T3**
416	1566	**Enhancements to (U)SIM toolkit secure messaging**	Rel5	No	WG T3
417	**1801**	**Protocol Standardisation of a SIM Toolkit Interpreter**	**Rel5**	**No**	**WG T3**
418	2497	Stage 1		No	WG T3
419	2496	Stage 2 and 3		No	WG T3
420	2518	Test specification		No	WG T3
421	2034	**USAT local link**	Rel4	No	WG T3
422	**1802**	**UICC API**	**NA**	**Yes**	**WG T3**
423	**2031**	Multos API	**Rel5**	**No**	**WG T3**
424	2032	Specification		No	WG T3
425	2033	Test specification		No	WG T3
426	**1571**	**Security enhancements**	**NA**	**No**	**WG SA3**
427	**2099**	**UE triggered authentication during connections**	**Rel4**	**No**	**WG SA3**
428	2254	Stage3		No	WG CN1
429	1587	**Evolution of GSM CS algorithms (e.g. A5/3 developm**	Rel4	No	WG SA3
430	**1588**	**Evolution of GSM PS algorithms (e.g. GEA 2 deploym**	**Rel4**	**No**	**WG SA3**
431	1589	Main aspects		No	WG SA3
432	1618	Impact on GTP		No	WG CN4
433	1661	GEA capability indication in MS CM		No	WG CN1
434	**1572**	**Protection for user plane data**	**Rel5**	**Yes**	**WG SA3**
435	1573	Integrity protection in access network		No	WG SA3

ID	Unique ID	Name	Release	Splitable	Resource Na	Qtr 1, 2001	Qtr 2, 2001	Qtr 3, 2001	Qtr 4, 2001	Qtr 1, 2002
436	1575	Network based end-to-end security		No	WG SA3					
437	**1576**	**Network domain security**		**Yes**	**WG SA3**					
438	**1577**	Control plane protection in core network (e.g., GTP, CAP, MAP/IF	**Rel5**	**No**	**WG SA3**					
439	1578	Main aspects		No	WG SA3					
440	1579	Integration of GTP signalling security architecture		No	WG CN4					
441	**1580**	User plane protection in core network (e.g., provided by IPsec)	**Rel5**	**No**	**WG SA3**					
442	1581	Main aspects		No	WG SA3					
443	1582	Integration of GTP signalling security architecture		No	WG CN4					
444	2098	Study of network-based denial of service		No	WG SA3					
445	**1583**	**MAP application layer security**	**NA**	**Yes**	**WG SA3**					
446	2575	Network Domain Security; MAP application layer security	Rel4	No	WG SA3					
447	2576	Network Domain Security; IP network layer security (NDS/IP)	Rel5	No	WG SA3					
448	1584	Main aspects		No	WG SA3					
449	2025	Other stage 3 aspects		No	WG CN4					
450	1586	**Key management for core network security**		No	WG SA3					
451	1594	**Visibility and Configurability of security**	Rel4	No	WG SA3					
452	1595	**FIGS**	Rel5	No	WG SA3					
453	**2026**	**Enhanced HE control of security (including positive a**	**Rel6**	**No**	**WG SA3**					
454	2027	Stage 2		No	WG SA3					
455	2028	FS on Network impacts		No	WG CN4					
456	**1861**	**Miscelleneous UE Conformance Testing Activities**	**NA**	**Yes**	**WG T1**					
457	1862	**Optimisation of Test Time, RF Aspects (FDD)**		No	WG T1					
458	1863	**Optimisation of Test Time, RF Aspects (TDD)**		No	WG T1					
459	1907	**Extensions to R99 Test cases**		No	WG T1					
460	2564	**Extension to R99 Test cases - TTCN**		No	WG T1					
461	2565	**Creation of R99 TCs for TDD - prose**		No	WG T1					
462	2566	**Creation of R99 TCs for TDD - TTCN**		No	WG T1					
463	1908	**Review all other work items for impact on new or exi**		No	WG T1					
464	1909	**Additional signalling tests to cover VHE, OSA, MExE,**		No	WG T1					

ID	Unique ID	Name	Release	Splitable	Resource Na
465	1365	**Support of Push Services**	Rel5	No	WG SA2
466	1142	**Charging and OAM&P (Master)**	**Rel4/5**	**No**	**WG SA5**
467	2089	**Principles, high level Requirements and Architecture**	Rel4	No	WG SA5
468	2088	**Performance Management (PM) (Master)**	Rel4	No	WG SA5
469	2081	**Fault Management (FM) (Master)**	Rel4	No	WG SA5
470	2082	**Configuration Management (CM) (Master)**	Rel4	No	WG SA5
471	2242	**Charging Management for IMS (Master)**	Rel5	No	WG SA5
472	2083	**Charging Management (CH) (Master)**	Rel4	No	WG SA5
473	2062	**Subscription Management**	Rel5	No	WG SA5
474	2071	**UTRAN Operations and Maintenance procedures**	Rel4	No	WG SA5
475	1993	**small Technical Enhancements and Improvements**	Rel4	No	Generic
476	2230	**Advanced Speech Call Items enhancements_REL-4**	Rel4	**No**	**WG CN1**
477	2232	**Stage 2**		No	WG CN4
478	2231	**Stages 2 and 3 on A interface**		No	WG CN1
479	2243	**Intra Domain Connection of RAN Nodes to Multiple**	Rel5	**No**	**WG SA2**
480	2244	**Overall System Architecture**		No	WG SA2
481	2245	**RAN work**		No	WG RAN3
482	2246	**GERAN work**		No	WG GERAN2
483	2247	**CN work**		**No**	**WG CN1**
484	2248	N1 work		No	WG CN1
485	2249	N4 work		No	WG CN4
486	2310	**GERAN improvements 1**	Rel4	**No**	**TSG GERAN**
487	2311	**Gb over IP (Ip-fication of Gb)**		**No**	**TSG GERAN**
488	2312	Concept		No	TSG GERAN
489	2313	Changes to 08.16, 08.18		No	TSG GERAN
490	2314	**GERAN improvements 2**	Rel4	**No**	**TSG GERAN**
491	2315	**Gb enhancements**		**No**	**TSG GERAN**
492	2316	NACC (network Assisted Cell Change)		**No**	**TSG GERAN**
493	2420	Concept		No	TSG GERAN

ID	Unique ID	Name	Release	Splitable	Resource Na
494	2317	Changes in 03.64		No	TSG GERAN
495	2318	Changes in 04.60		No	TSG GERAN
496	2319	Changes in 44.008		No	TSG GERAN
497	2320	**GERAN improvements 3**	**Rel5**	**No**	**TSG GERAN**
498	2321	**Evolution of the transport for A**		**No**	**TSG GERAN**
499	2322	Definition of a new A interface Transport Layer option based on		No	TSG GERAN
500	2323	Adaptation of the Layer 3 BSSMAP procedures as required		No	TSG GERAN
501	2324	**GERAN improvements 4**	**Rel4**	**No**	**TSG GERAN**
502	2325	**Gb enhancements 2**		**No**	**TSG GERAN**
503	2429	stage 2		No	TSG GERAN
504	2421	Stage 3 (changes in 44.060)		**No**	**NG GERAN2**
505	2327	Definition of enhanced countdown procedure		No	NG GERAN2
506	2328	Definition of enhanced TBF release procedure		No	NG GERAN2
507	2329	Definition of USF=FREE type polling mechanism on PDCH		No	NG GERAN2
508	2330	**GERAN support for IP multimedia**	**Rel5**	**No**	**TSG GERAN**
509	2331	**GERAN Header adaptation**		**No**	**TSG GERAN**
510	2332	Definition of compression and removal modes for PDCP protocol		No	TSG GERAN
511	2333	Conceptual description in stage 2		No	TSG GERAN
512	2334	Necessary changes on stage 3 regarding header removal		No	TSG GERAN
513	2335	**GERAN Radio access bearer design for IP multimedi**		**No**	**TSG GERAN**
514	2422	**MuM control signalling for conversational multimedia services**		**No**	**TSG GERAN**
515	2431	Identification of requirements		No	TSG GERAN
516	2337	Necessary modifications due to SIP		No	TSG GERAN
517	2338	**Physical layer multiplexing**		**No**	**TSG GERAN**
518	2339	Stage 2		No	TSG GERAN
519	2432	Stage 3		No	TSG GERAN
520	2341	**GERAN MS Conformance test for support of IP multir**		**No**	**TSG GERAN**
521	2342	MS test		No	NG GERAN4
522	2343	**GERAN BTS Conformance test for support of IP multi**		**No**	**TSG GERAN**

ID	Unique ID	Name	Release	Splitable	Resource Name	Qtr 1, 2001 Jan Feb Mar	Qtr 2, 2001 Apr May Jun	Qtr 3, 2001 Jul Aug Sep	Qtr 4, 2001 Oct Nov Dec	Qtr 1, 2002 Jan Feb Mar
523	2344	BTS test		No	WG GERAN3					
524	**2345**	**Alignment of 3G functional split and Iu**	**Rel5**	No	TSG GERAN					
525	**2346**	**GERAN user / control plane**		No	TSG GERAN					
526	**2347**	Alignment with UMTS bearer concept		No	TSG GERAN					
527	2423	Stage 2		No	TSG GERAN					
528	2348	Adoption of the UTRAN PDCP		No	TSG GERAN					
529	2349	Development of RLC / MAC		No	TSG GERAN					
530	2350	Development of GERAN RR		No	TSG GERAN					
531	2351	Ciphering and integrity protection		No	TSG GERAN					
532	2352	Logical and physical channel realization TCH, PDTCH, contr		No	TSG GERAN					
533	2353	Use of stealing bits		No	TSG GERAN					
534	2354	Fast access		No	TSG GERAN					
535	2355	Fast power control		No	TSG GERAN					
536	**2424**	Physical layer alignment with UMTS bearer concept		**No**	TSG GERAN					
537	2356	PDTCH/TCH in 45.003		No	TSG GERAN					
538	2357	Control channels in 45.003		No	TSG GERAN					
539	2358	Receiver performance in 45.005 for PDTCH/TCH and contro		No	TSG GERAN					
540	**2359**	**Iu rg interface**		No	TSG GERAN					
541	**2425**	Inter BSS interface		**No**	TSG GERAN					
542	2360	Identification of requirements		No	TSG GERAN					
543	2361	Stage 2		No	TSG GERAN					
544	2362	Adoption of relevant parts from Iur		No	TSG GERAN					
545	2363	Complementation with GERAN specifics		No	TSG GERAN					
546	2364	New stage 3		No	TSG GERAN					
547	**2426**	Inter BSS-RNS interface		**No**	TSG GERAN					
548	2365	Identification of requirements		No	TSG GERAN					
549	2366	Stage 2		No	TSG GERAN					
550	2367	Adoption of relevant parts from Iur		No	TSG GERAN					
551	2368	Complementation with GERAN specifics		No	TSG GERAN					

ID	Unique ID	Name	Release	Splitable	Resource Na	Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002		
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
552	2369	New stage 3		No	TSG GERAN															
553	**2370**	**Voice over GERAN PS and CS concept**		**No**	**TSG GERAN**															
554	2371	Architecture for A, Iu cs and Iu ps		No	TSG GERAN															
555	2372	Transcoder position/operation		No	TSG GERAN															
556	2373	Handover		No	TSG GERAN															
557	2374	RTP payload		No	TSG GERAN															
558	2375	FPC		No	TSG GERAN															
559	2376	LA		No	TSG GERAN															
560	**2377**	**GERAN Narrowband speech realization**		**No**	**TSG GERAN**															
561	**2427**	8-PSK NB HR		**No**	**TSG GERAN**															
562	2378	Channel coding in 45.003		No	TSG GERAN															
563	2379	Signallimg for A interface		No	TSG GERAN															
564	2380	Signallimg for Iu		No	TSG GERAN															
565	2381	Link adaptation in 45.009		No	TSG GERAN															
566	2382	Receiver performance in 45.005		No	TSG GERAN															
567	**2428**	8-PSK NB QR		**No**	**TSG GERAN**															
568	2383	Channel coding in 45.003		No	TSG GERAN															
569	2384	Signallimg for A interface		No	TSG GERAN															
570	2385	Signallimg for Iu		No	TSG GERAN															
571	2386	Link adaptation in 45.009		No	TSG GERAN															
572	2387	Receiver performance in 45.005		No	TSG GERAN															
573	**2388**	**GERAN MS Conformance test for GERAN interface ev**		**No**	**TSG GERAN**															
574	2389	MS test		No	TSG GERAN															
575	**2390**	**GERAN MS Conformance test for GERAN interface ev**		**No**	**TSG GERAN**															
576	2391	BSS test		No	TSG GERAN															
577	**2392**	**GERAN enhancements for streaming services 1**	Rel5	**No**	**TSG GERAN**															
578	**2393**	**GERAN enhancements for streaming services 1**		**No**	**TSG GERAN**															
579	2394	Concept		No	TSG GERAN															
580	2395	RLC protocol enhancement		No	TSG GERAN															

ID	Unique ID	Name	Release	Splitable	Resource Name
581	**2396**	**GERAN enhancements for streaming services 2**	**Rel5**	**No**	**TSG GERAN**
582	**2397**	**GERAN enhancements for streaming services 2**		**No**	**TSG GERAN**
583	2398	Usage of ECSD		No	TSG GERAN
584	2399	Stage 2		No	TSG GERAN
585	2400	Stage 3		No	TSG GERAN
586	2401	RLC PDU formats		No	TSG GERAN
587	2402	MAC header		No	TSG GERAN
588	**2403**	**700 MHz spectrum support**	**Rel4**	**No**	**TSG GERAN**
589	**2404**	**GERAN support for the 700 MHz band**		**No**	**TSG GERAN**
590	2405	Signalling support		No	TSG GERAN
591	2406	Physical layer definitions		No	TSG GERAN
592	2407	Receiver performance and RF budget		No	TSG GERAN
593	**2408**	**GERAN MS Conformance test for 700 MHz band**		**No**	**TSG GERAN**
594	2409	MS test		No	TSG GERAN
595	**2410**	**GERAN BTS Conformance test for 700 MHz band**		**No**	**TSG GERAN**
596	2411	BTS test		No	TSG GERAN
597	**2412**	**GERAN/UTRAN interface evolution 1**	**Rel5**	**No**	**TSG GERAN**
598	**2413**	**Evolution of Iu ps**		**No**	**TSG GERAN**
599	2414	Identification of GERAN requirements on Iu ps		No	TSG GERAN
600	2415	Update of specifications		No	TSG GERAN
601	**2416**	**GERAN/UTRAN interface evolution 2**	**Rel5**	**No**	**TSG GERAN**
602	**2417**	**Evolution of Iu cs**		**No**	**TSG GERAN**
603	2418	Identification of GERAN requirements on Iu cs		No	TSG GERAN
604	2419	Update of specifications		No	TSG GERAN
605	2463	**Operator Determined Barring for Packet Oriented**	Rel4	No	TSG CN
606	**2499**	**Support of Presence Capability**	**Rel5**	**No**	**WG SA1**
607	2501	**Stage 1**		No	WG SA1
608	2502	**Stage 2**		No	WG SA2
609	**2503**	**Stage 3**		**No**	**TSG CN**

ID	Unique ID	Name	Release	Splitable	Resource Na
610	2504	Security issues		No	WG SA3
611	2505	USIM issues		No	WG T3
612	2506	UE issues		No	WG T2
613	2507	**Display of Service Provider name on UE**	**Rel5**	**No**	**WG SA1**
614	2508	**Stage 1**		No	WG SA1
615	2509	**Stage 2**		No	WG SA2
616	2510	**Stage 3**		**No**	**TSG CN**
617	2511	Security issues		No	WG SA3
618	2512	USIM issues		No	WG T3
619	2513	UE issues		No	WG T2
620	2520	**User Equipment Management**	Rel5	No	WG SA5
621	2527	**Emergency calls without UICC/SIM in netw. with IM**	**Rel5**	**No**	**WG SA2**
622	2528	**Stage 3 work for CN1**		No	WG CN1
623	2542	**Streaming Service**		**No**	**WG SA1**
624	2543	**Stage 1**		No	WG SA1
625	2544	**Broadcast/Multicast MM**		**No**	**WG SA1**
626	2545	**Stage 1**		No	WG SA1
627	2546	**UMTS QoS Architecture for PS Domain**	**Rel4**	**No**	**WG SA2**
628	2547	**Requirements**		No	WG SA1
629	2548	**Architecture**		No	WG SA2
630	1624	**Security aspects**		No	WG SA3
631	2550	**Charging and QoS Management**		No	WG SA5
632	2551	**IE for QoS PS Domain**		No	WG CN1
633	2552	**Interwork with External Networks**		No	WG CN3
634	1681	**RAB Quality of Service (re)Negotiation over Iu**		**No**	**WG RAN3**
635	1991	RAB Quality of Service Negotiation over Iu		No	WG RAN3
636	2456	RAB Quality of Service Negotiation over Iu during relocation		No	WG RAN3
637	1992	RAB Quality of Service Re-Negotiation over Iu		No	WG RAN3
638	1553	**GERAN QoS Aspects - Handovers: maintenance of re**		**No**	**TSG GERAN**

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639	**2306**	Handover for the PS domain		**No**	**TSG GERAN**															
640	2309	Stable RT handover report 25.936 including header removal		No	TSG GERAN															
641	2307	Update of stage 2		No	TSG GERAN															
642	2308	Update of relevant stage 3 specs		No	TSG GERAN															
643	1685	**PS-domain handover for real-time services**		No	WG RAN3															
644	2554	**RAB QoS Renegotiation at Relocation**		No	WG RAN4															
645	2556	**End to End QoS for PS Domain (including IMS)**	**Rel5**	**No**	**WG SA2**															
646	2557	**E2E QoSConcept and Architecture**		No	WG SA2															
647	2558	**E2E QoS interworking**		No	WG CN3															
648	2559	**QoS Management (Provisioning and Monitoring)**		No	WG SA5															
649	2569	**Messaging enhancements Rel-5**	**Rel5**	**No**	**WG T2**															
650	2570	**Definition of service requirements**		No	WG SA1															
651	2571	**Multimedia Messaging (MMS) enhancements**	Rel5	No	WG T2															
652	2572	**Enhanced Messaging Service (EMS) enhancements**	Rel5	No	WG T2															