

ID	Unique ID	Name	Release	Split	Resource	Qtr 4, 2000				Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002		
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
1	2044	VERSION 2001 Feb. 16th		No																				
2	1462	"CTRL + a" to display all the 3GPP fields		No																				
3	1463	If MS Project crashes, hide the "hyperli		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	Rel4	No	WG RAN3																			
8	12	QoS optimisation for AAL2 connections	Rel4	No	WG RAN3																			
9	1995	Migration to modification procedures	Rel4	No	WG RAN3																			
10	2257	Evolution of transport in UTRAN and GEF	Rel4	No	WG RAN3																			
11	2258	Addition of transport mechanisms other than AT		No	WG RAN3																			
12	2259	Addition of transport mechanisms other than AT		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,	Rel4	No	WG CN4																			
17	1678	Stage 2		No	WG SA2																			
18	1679	Stage 3		No	WG CN4																			
19	2018	CAP		Yes	WG CN2																			
20	2019	MAP		No	WG CN4																			
21	2253	BSSAP+		No	WG CN1																			
22	1513	FS on Transport and control separation		No	WG SA2																			
23	1615	Architectural impacts		No	WG SA2																			
24	1614	Protocol impacts		No	WG CN4																			
25	1216	Improvements of Radio Interface	NA	Yes	TSG RAN																			
26	1470	Improvement of inter-frequency and inter	Rel5	No	WG RAN1																			
27	1471	Base station classification	Rel4	No	WG RAN4																			
28	1476	FDD Base station classification		No	WG RAN4																			
29	1477	TDD Base station classification		No	WG RAN4																			

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30	1217	Hybrid ARQ II/III	Rel5	No	WG RAN2																			
31	1218	Improved usage of downlink resource in	Rel5	No	WG RAN2																			
32	1507	Terminal Power Saving features	Rel4	No	WG RAN1																			
33	1509	UTRA repeater specification (master)	Rel4	No	WG RAN4																			
34	1994	DSCH power control improvement in sol	Rel4	No	WG RAN1																			
35	1996	UMTS 1800	Rel4	No	WG RAN4																			
36	1506	FS on Radio link performance enhancer		No	WG RAN1																			
37	1219	FS on High Speed downlink packet acc		No	WG RAN2																			
38	1221	FS on USTS		No	WG RAN1																			
39	1510	FS on improved common DL channel for		No	WG RAN2																			
40	1997	FS on UE antenna efficiency test method		No	WG RAN4																			
41	1839	Conformance Test Spec. improvements		No	WG T1																			
42	2210	Testing improvement of inter-frequency and inte		No	WG T1																			
43	2211	Testing Hybrid ARQ II/III		No	WG T1																			
44	2212	Testing Improved usage of downlink resource in		No	WG T1																			
45	2213	Testing Terminal Power saving features		No	WG T1																			
46	2214	Testing DSCH power control improvement in sol		No	WG T1																			
47	2215	Testing UMTS 1800		No	WG T1																			
48	1222	Low Chip Rate TDD option	Rel4	No	WG RAN1																			
49	1223	Physical layer		No	WG RAN1																			
50	1224	Layer 2 and layer 3 protocol aspects		No	WG RAN2																			
51	1225	RF radio transmission/reception, system		No	WG RAN4																			
52	1227	UE radio access capability		No	WG RAN2																			
53	1228	Iub/Iur protocol aspects		No	WG RAN3																			
54	2262	Low chiprate TDD interworking with GEF		No																				
55	2263	Handover and Cell Selection / Reselection to UTF		No																				
56	1911	Start Testing		No	MLST																			
57	2103	Conformance Test Aspects - Low Chip R		No	WG T1																			
58	2216	Testing Physical Layer		No	WG T1																			

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59	2217	Testing Layer 2 and layer 3 protocol aspects		No	WG T1																			
60	2218	Testing RF Radio Transmission and Reception		No	WG T1																			
61	2219	Testing UE radio access capability		No	WG T1																			
62	9	RAN improvements	NA	Yes	TSG RAN																			
63	1466	Smart antenna	Rel4	No	WG RAN1																			
64	656	RRM optimization for Iur and Iub	Rel4	No	WG RAN3																			
65	655	Node B synchronisation for TDD	Rel4	No	WG RAN1																			
66	624	RAB support enhancement - no ROHC	Rel5	No	WG RAN2																			
67	2206	RAB support enhancement - ROHC part	Rel4	No	WG RAN2																			
68	1680	Header compression removal/stripping in	Rel5	No	TSG RAN																			
69	1686	Unequal error protection in PS domain in	Rel5	No	TSG RAN																			
70	1912	Start Testing		No	MLST																			
71	2102	Conformance Test Aspects - RAN Improv		No	WG T1																			
72	2220	Testing Smart antenna		No	WG T1																			
73	2221	Testing Node B synchronisation for TDD		No	WG T1																			
74	2222	Testing Radio access bearer support enhance		No	WG T1																			
75	1273	Provisioning of IP-based multimedia se	Rel5	No	WG SA1																			
76	1274	Call control and roaming to support IP-b		No	WG SA2																			
77	1633	Stage 1		No	WG SA1																			
78	1514	Stage 2 (Architecture and Main flows)		No	WG SA2																			
79	1277	FS on Impacts on HSS		No	WG CN4																			
80	2233	SIP Call Control protocol for the IM CN Subsystem		No	WG CN1																			
81	1998	IP multimedia subsystem signalling flows		No	WG CN1																			
82	1278	IP multimedia subsystem stage 3		No	WG CN1																			
83	2255	IP Multimedia (IM) Session Handling; stage 2		No	WG CN1																			
84	1673	MLST: Stage 3 for basic calls		No	MLST																			
85	1804	SIP interactions with the Rel4 Supl Services		No	WG CN1																			
86	1650	Check if any		No	WG SA1																			
87	1651	Stage 3 if applicable		No	WG CN1																			

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88	1280	SIP SS and relationship to Mg, Mw and Cx		No	WG CN4																			
89	1281	Multimedia Capabilities		No	WG CN1																			
90	1282	Terminal capabilities		No	WG CN1																			
91	1806	Terminal capabilities and Interactions on run		No	WG T2																			
92	1805	Network capabilities		No	WG CN1																			
93	1285	Network capabilities (N4 aspects)		No	WG CN4																			
94	1286	CSCF – HSS (Cx) applications and services (SCI		No	WG SA2																			
95	1515	Stage 2 flows		No	WG SA2																			
96	2021	Stage 2 flows (N4) (see note)		No	WG CN4																			
97	2023	Impacts from CAMEL		No	WG CN4																			
98	1288	Impact on Camel Stage 3		No	WG CN2																			
99	1289	Impact on MAP		No	WG CN4																			
100	2024	Stage 3 protocol on Cx		No	WG CN4																			
101	1290	Addressing, Identities		No	WG SA2																			
102	1291	Architectural issues		No	WG SA2																			
103	1292	Impact on HSS		No	WG CN4																			
104	1294	Interworking with other multimedia protocols		No	WG CN3																			
105	1295	Requirements		No	WG SA1																			
106	1296	Impact on MM/CC/SM		No	WG CN1																			
107	2047	Multimedia domain and CS networks Interw		No	WG CN3																			
108	2048	Multimedia domain and IP networks Interwo		No	WG CN3																			
109	1913	Start Testing		No	MLST																			
110	1844	Conformance Test Aspects - Provisionin		No	WG T1																			
111	1298	Access Security for IP-multimedia servic		No	WG SA3																			
112	1299	Lawful interception		No	WG SA3																			
113	1300	RAN improvements and evolution of the		No	TSG RAN																			
114	1597	(Copy) Ensure reliable QoS for PS doma		No	WG SA2																			
115	1303	(Copy) Charging and OAM&P		No	WG SA5																			
116	1598	(Copy) AMR-WB		No	WG SA4																			

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117	1305	Roaming between IP multimedia and CS		No	WG CN4																			
118	1457	Roaming requirements		No	WG SA1																			
119	1306	Stage 2		No	WG SA2																			
120	1307	Stage 2 review		No	WG CN4																			
121	1456	Internetwork roaming aspects		No	?																			
122	2227	MExE interactions		No	WG T2																			
123	2228	MMS interactions		No	WG T2																			
124	1310	Support of VHE/OSA by Rel4 network en		No	WG CN5																			
125	1732	Number portability in IM subsystem		No	WG CN4																			
126	2036	Multimedia codecs and protocols for cor		No	WG SA4																			
127	2039	Codecs		No	WG SA4																			
128	2040	performance characterisation of codec		No	WG SA4																			
129	2038	protocols		No	WG SA4																			
130	1539	Transparent End-to-End PS mobile stre	Rel4	No	WG SA4																			
131	1652	Emergency call enhancements	NA	Yes	WG CN1																			
132	1653	For IP & PS based calls	Rel5	No	WG CN1																			
133	1314	Service Requirements for IP-based emergency c		No	WG SA1																			
134	1315	SIP emergency calls and packet emergency call		No	WG CN1																			
135	1316	Stage 2 for emergency calls and packet emerge		No	WG SA2																			
136	1317	Distinction of emergency call types to different e		No	WG CN1																			
137	1646	Stage 3 for emergency calls and packet emerge		No	WG CN1																			
138	1605	(Copy2) Ensure reliable QoS for PS domain and		No	WG SA2																			
139	1654	For CS based calls	Rel4	No	WG CN1																			
140	1320	Distinction in CS domain of emergency call type		No	WG SA1																			
141	1999	Distinction in CS domain of emergency calls to c		No	WG CN1																			
142	2224	Conformance Test Aspects - Emergency		No	WG T1																			
143	2225	Testing Stage 3 for emergency calls and packet		No	WG T1																			
144	2226	Testing CS based emergency calls		No	WG T1																			
145	1322	Enable bearer independent CS architec	Rel4	No	WG SA2																			

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146	1323	Enable bearer-independent call control		No	WG CN4																			
147	1516	Architecture and Stage 2 description on 23.002		No	WG SA2																			
148	1325	Standardisation of protocols (control & user plan		No	WG CN3																			
149	1326	Standardisation of protocols over reference poi		No	WG CN4																			
150	1616	Standardisation of detailed stage 2 description		No	WG CN4																			
151	1327	Bearer control between MSC server and MGW		No	WG CN4																			
152	1328	stage 3 - protocol issues		No	WG CN4																			
153	1329	stage 3 - parameter value issues		No	WG CN3																			
154	1331	Lawful interception		No	WG SA3																			
155	1332	Bearer Independence and codec control		No	WG SA4																			
156	1918	Start Testing		No	MLST																			
157	2052	Conformance Test Aspects - Enable bea		No	WG T1																			
158	1847	UE Conformance test spec., Bearer independent		No	WG T1																			
159	1848	UE Conformance test spec., Bearer independent		No	WG T1																			
160	1333	CS multimedia services	Rel4	No	WG SA2																			
161	1338	Stage 1		No	WG SA1																			
162	1339	Stage 2 (has it to be handled? H.324 M ‘		No	WG SA2																			
163	1655	Circuit-switched multimedia swap and f		No	WG CN3																			
164	1335	Call control and signalling aspects		No	WG CN1																			
165	1336	Transport aspects		No	WG CN3																			
166	1337	inband signalling		No	WG CN3																			
167	1920	Start Testing		No	MLST																			
168	2056	Conformance Test Aspects - CS multime		No	WG T1																			
169	1849	UE Conformance test spec. CS multimedia servi		No	WG T1																			
170	1850	UE Conformance test spec. CS multimedia servic		No	WG T1																			
171	1340	Facsimile	Rel4	No	WG SA1																			
172	1341	Real Time Fax		No	WG SA2																			
173	1808	Terminal capabilities, AT commands		No	WG T2																			
174	1343	Signalling aspects (e.g. ICM)		No	WG CN1																			

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175	1648	Service provision		No	WG CN3																			
176	1345	Review whether service/stage 1 aspects need t		No	WG SA1																			
177	1346	Review whether architecture/stage 2 aspects n		No	WG SA2																			
178	2041	Start Testing		No	MLST	ing																		
179	1851	Conformance Test Aspects - Facsimile		No	WG T1																			
180	1517	Global Text Telephony	NA	Yes	WG SA2											Start Testing								
181	2240	Minimum solution	Rel4	No																				
182	1634	Stage 1		No	WG SA1																			
183	1519	Stage 2		No	WG SA2																			
184	2234	Specification of Cellular Text telephone Modem		No	WG SA4																			
185	2238	General description and C-code		No	WG SA4																			
186	2237	Minimum Performance requirements		No	WG SA4																			
187	2239	Improvements of GTT	Rel5	No												Start Testing								
188	1350	Activation and transport		No	WG SA2																			
189	1520	SIP and H.324 Activation and transport		No	WG SA2																			
190	1521	Data Channel Activation and transport		No	WG SA2																			
191	1523	Selection of transport method		No	WG SA2																			
192	1524	Interworking		No	WG CN3																			
193	1809	Terminal Aspects		No	WG T2																			
194	1357	USIM Aspects		No	WG T3																			
195	2096	GTT using CS multimedia telephony		No	WG SA4																			
196	1915	Start Testing		No	MLST																			
197	1852	Conformance Test Aspects - Global Text teleph		No	WG T1																			
198	1526	Bearer Modification without pre-notifica	Rel4	No	WG SA1											Start Testing								
199	2223	Testing Support of Bearer modification v		No	WG T1																			
200	1635	Stage 1		No	WG SA1																			
201	1359	Service Modification without pre-notifica		No	WG CN3																			
202	1361	Interworking function, TAF		No	WG CN3																			
203	1362	Out of band Transcoder Control		No	WG CN4																			

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204	1363	AT commands		No	WG T2																			
205	1364	Bearer Modification because of radio co		No	WG SA2																			
206	1921	Start Testing		No	MLST																			
207	2057	Conformance Test Aspects		No	WG T1																			
208	1853	UE Conformance test spec. Bearer modification,		No	WG T1																			
209	1857	UE Conformance test spec. Bearer modification,		No	WG T1																			
210	1367	VHE enhancements	NA	Yes	WG SA1																			
211	1368	Detailed definition of the VHE user profil	Rel5	No	WG SA2																			
212	1373	Stage 1		No	WG SA1																			
213	1404	Stage 2		No	WG SA2																			
214	2123	Enhanced UserProfileManagement		No	WG CN5																			
215	2104	Extensions to existing (and possibly new	Rel5	Yes	WG SA2																			
216	2105	Stage 1		No	WG SA1																			
217	2106	Stage 2		No	WG SA2																			
218	2107	Stage 3 (wait for stage 2)		No																				
219	2108	Interaction between toolkits to enable IF	Rel5	Yes	WG SA2																			
220	2109	Stage 1		No	WG SA1																			
221	2110	Stage 2		No	WG SA2																			
222	2111	Stage 3 (wait for stage 2)		No																				
223	2112	Transparent roaming for services	Rel5	Yes	WG SA2																			
224	2113	Stage 1		No	WG SA1																			
225	2114	Stage 2		No	WG SA2																			
226	2115	Stage 3 (wait for stage 2)		No																				
227	1637	OSA enhancements	NA	Yes	WG SA1																			
228	2120	General Stage 2		No	WG SA2																			
229	1424	Interactions OSA - e-commerce	Rel4	No	WG SA2																			
230	1425	Stage 1		No	WG SA1																			
231	1529	Stages 2 and 3		No	WG CN5																			
232	1429	OSA APIs for MuMa CC	Rel5	No	WG SA2																			

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233	1430	Stage 1		No	WG SA1																			
234	1530	Stages 2 and 3		No	WG CN5																			
235	1419	OSA security (!)	Rel5	No	WG SA3																			
236	2121	Stage 1		No	WG SA1																			
237	1420	Stage 2		No	WG SA2																			
238	1421	Stage 3		No	WG SA3																			
239	1422	security related SCF(s) definition		No	WG CN5																			
240	1423	(possibly) changes required from supporting plat		No	WG SA3																			
241	1621	impact on terminal		No	WG T2																			
242	1433	Retrieval of Terminal capabilities	Rel5	No	WG SA2																			
243	1434	Stage 1		No	WG SA1																			
244	1436	Stages 2 and 3		No	WG CN5																			
245	2122	Provisioning of the terminal capabilities		No	WG T2																			
246	1786	LCS - OSA interfaces (!)		No	WG SA1																			
247	1787	Stage 1		No	WG SA1																			
248	2124	Stage 2		No	WG SA2																			
249	1788	Stage 3		No	WG CN5																			
250	2116	(copy) Charging and OAM&P (!)		No	WG SA5																			
251	1638	CAMEL phase 4	Rel5	No	WG SA1																			
252	1461	Service requirements		No	WG SA1																			
253	2011	Charging notification to the CSE		No	WG CN2																			
254	2012	Call Party Handling		No	WG CN2																			
255	2013	Mid call procedure for MO and MT calls		No	WG CN2																			
256	2014	Interactions with Optimal Routing		No	WG CN2																			
257	2015	Inclusion of flexible tone injection		No	WG CN2																			
258	2016	CSE control over MT SMS		No	WG CN2																			
259	2017	CAMEL applicability to media streams li		No	WG CN2																			
260	1445	MExE enhancements	NA	Yes	WG T2																			
261	1447	MExE Security	Rel4	No	WG SA3																			

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262	2045	Stage 3		No	WG SA3																			
263	1448	Terminal aspects		No	WG T2																			
264	1810	MExE Rel4 Improvements and Investigat	Rel4	No	WG T2																			
265	1812	3rd MExE classmark		No	WG T2																			
266	1814	FS on Secure download mechanism and capabil		No	WG T2																			
267	1815	FS on Support of MP3/MPEG4 content		No	WG T2																			
268	1816	FS on Support of (U)SAT/OSA/CAMEL interacti		No	WG T2																			
269	1813	FS on AT command support		No	WG T2																			
270	1811	Support of the Terminal parts of the VHE /User F		No	WG T2																			
271	1625	Wideband Telephony Service - AMR (M	Rel4	No	WG SA4																			
272	62	Specification		No	WG SA4																			
273	1459	Design Constraints		No	WG SA4																			
274	1460	General Description		No	WG SA4																			
275	1626	Feasibility Study		No	WG SA4																			
276	67	Codec issues		No	WG SA4																			
277	1627	Codec qualification		No	WG SA4																			
278	74	Codec selection tests		No	WG SA4																			
279	891	Codec selection		No	WG SA4																			
280	890	Other codec issues (verif., characterisation)		No	WG SA4																			
281	1989	Start Testing		No	MLST																			
282	1855	Conformance tests (CRs to 34 series)		No	WG T1																			
283	76	Terminal Acoustic Characteristics		No	WG SA4																			
284	1628	Definition		No	WG SA4																			
285	1629	Test specification		No	WG SA4																			
286	889	Implementation		No	WG SA4																			
287	893	In UTRAN		No	TSG RAN																			
288	80	Support of AMR-WB in GERAN		No	SG GERAN																			
289	2265	GMSK and 8PSK WB FR / HR support - Ch		No	SG GERAN																			
290	2266	GMSK and 8PSK WB FR / HR support - Sig		No	SG GERAN																			

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291	2267	GMSK and 8PSK WB FR / HR support - Sigr		No	SG GERAN																			
292	2268	GMSK and 8PSK WB FR / HR support - Lin		No	SG GERAN																			
293	2269	GERAN MS conformance test for AMR-WB		No	SG GERAN																			
294	2270	MS test		No	SG GERAN																			
295	2271	GERAN BTS conformance test for AMR-WB		No	SG GERAN																			
296	2272	BTS test		No	SG GERAN																			
297	1656	In CN, see notes		No	WG CN1																			
298	1541	Transcoder-Free Operation	Rel4	No	WG CN4																			
299	112	OoBTC solution		No	WG CN4																			
300	1512	implementation in UTRAN	Rel4	No	WG RAN3																			
301	896	Impact on architecture, Principles and Terminology		No	WG SA2																			
302	1657	Codec Negotiation between UE and MSC		No	WG CN1																			
303	115	Codec Negotiation inter MSC		No	WG CN4																			
304	894	Bearer establishment inter MSC		No	WG CN4																			
305	1617	Prevention of user fraud		No	WG SA3																			
306	905	Speech Transcoder: Location and Contr		No	WG SA2																			
307	124	Transcoder at Edge		No	TSG CN																			
308	2205	IWF at the Edge (CN border)		No	WG CN3																			
309	1631	Tandem Free aspects for 3G and betwe	Rel4	No	WG SA4																			
310	1632	Tandem Free AMR		No	WG SA4																			
311	130	Specification		No	WG SA4																			
312	907	Implementation		No	TSG CN																			
313	131	in CN		No	TSG CN																			
314	132	in GERAN		No	SG GERAN																			
315	1818	Multimedia Messaging	Rel4	No	WG T2																			
316	136	Definition of service requirements		No	WG SA1																			
317	1819	Review of definition of service requirem		No	WG T2																			
318	1820	Technical Realisation		No	WG T2																			
319	1532	Definition of reference Achitecture model (Martir		No	WG SA2																			

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320	1821	Review of definition of reference Architecture m		No	WG T2																			
321	1822	"Fulfill Requirements of Stage 1"		No	WG T2																			
322	1823	Definition of MMS primitives in Stage 2		No	WG T2																			
323	1826	Terminal interfaces	NA	Yes	WG T2																			
324	1827	AT commands enhancements	Rel4	No	WG T2																			
325	1828	Specification of AT commands for new services		No	WG T2																			
326	917	Alternatives to AT commands (TBD)		No	WG T2																			
327	1858	UE Conformance test spec. AT command		No	WG T1																			
328	1829	Wide Area Data Synchronisation	Rel4	No	WG T2																			
329	1830	Continues evolution of Synchronisation protocol		No	WG T2																			
330	1831	vObjects and Other Constructs for Use in Data S		No	WG T2																			
331	2251	Start Testing		No	MLST																			
332	1860	UE Conformance test spec. Wide area data syn		No	WG T1																			
333	1832	Terminal local model	Rel4	No	WG T2																			
334	1536	Location Services enhancements	NA	Yes	WG SA2																			
335	1171	Event based and Periodic LCS	Rel5	No	WG SA1																			
336	1641	Stage 1		No	WG SA1																			
337	1538	Stage 2 specification		No	WG SA2																			
338	1179	Impact on MAP		No	WG CN4																			
339	519	(copy) Charging and OAM&P (!)		No	WG SA5																			
340	521	New security aspects of LCS (not identifi		No	WG SA3																			
341	523	LCS support in the CS domain	Rel4	No	WG SA2																			
342	525	LCS support in the PS domain	Rel4	No	WG SA2																			
343	1642	Stage 1		No	WG SA1																			
344	1181	Stage 2		No	WG SA2																			
345	1180	Stage 3		No	WG CN1																			
346	526	Layer 3 LCS signaling UE (MS) -SGSN (UMT		No	WG CN1																			
347	527	GTP signaling for LCS		No	WG CN4																			
348	544	LCS interoperation stage 2 aspects		No	WG SA2																			

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349	2434	LCS interoperation stage 2 aspects to GE		No	SG GERAN																			
350	2435	Co-ordinated development of GSM LCS Phase 2		No	SG GERAN																			
351	2436	Location Services for GERAN in A/Gb Mo		No	SG GERAN																			
352	2437	GERAN LCS Stage 2 (first release)		No	SG GERAN																			
353	2438	Gb interface support for LCS		No	SG GERAN																			
354	2439	RLC/MAC protocol support for LCS		No	SG GERAN																			
355	2440	L3 protocol support for LCS		No	SG GERAN																			
356	2441	Stage 3 specifications		No	SG GERAN																			
357	2442	Location Services for GERAN in Iu Mode		No	SG GERAN																			
358	2443	GERAN LCS Stage 2 (second release)		No	SG GERAN																			
359	2444	Iu-ps interface support for LCS		No	SG GERAN																			
360	2445	Iu-cs interface support for LCS		No	SG GERAN																			
361	2446	Iur-g interface support for LCS		No	SG GERAN																			
362	2447	RRC protocol support for LCS		No	SG GERAN																			
363	2448	Additional impacts on Broadcast of LCS data on		No	SG GERAN																			
364	2449	Stage 3 specifications		No	SG GERAN																			
365	2450	GERAN MS Conformance test for LCS		No	G GERAN4																			
366	2451	MS test		No	G GERAN4																			
367	2452	GERAN BTS Conformance test for LCS		No	G GERAN3																			
368	2453	BTS test		No	G GERAN3																			
369	2229	CBS interactions	Rel4	No	WG T2																			
370	1916	MExE interactions	Rel4	No	WG T2																			
371	1600	UE positioning	Rel4	No	TSG RAN																			
372	1601	Iub/Iur interfaces for methods Rel 99	Rel4	No	WG RAN3																			
373	1602	UE positioning enhancements		No	WG RAN2																			
374	1603	(Copy) UTRA repeater specification		No	WG RAN4																			
375	1796	(Copy) LCS application interfaces (LCS-C		No	WG SA1																			
376	1183	FS on LCS support in the IM CN subsystem		No	WG SA1																			
377	2125	Open LCS interfaces in UMTS and GERA	Rel5	No	WG SA2																			

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378	2127	Stage 2		No	WG SA2																			
379	2126	Stage 3		No																				
380	1542	Ensure reliable QoS for PS domain (Ma	Rel4	No	WG SA2																			
381	1543	stage 2 for End-to-end QoS (re)negotiation		No	WG SA2																			
382	1658	stage 3 for End-to-end QoS (re)negotiation		No	WG CN1																			
383	1545	GMM and SM aspects		No	WG CN1																			
384	1546	GTP aspects		No	WG CN4																			
385	1547	Mapping of end to end QoS parameters		No	WG SA2																			
386	1548	Impacts on N4 documents		No	WG CN4																			
387	1549	Impacts on N3 documents		No	WG CN3																			
388	1681	RAB Quality of Service (re)Negotiation over Iu	Rel4	No	WG RAN3																			
389	1991	RAB Quality of Service Negotiation over Iu	Rel4	No	WG RAN3																			
390	1992	RAB Quality of Service Re-Negotiation over	Rel4	No	WG RAN3																			
391	1685	PS-domain handover for real-time service	Rel4	No	WG RAN3																			
392	1550	Interactions between external mechanisms		No	WG CN3																			
393	1551	Possible new code points in QoS IE from		No	WG CN1																			
394	1659	Possible new code points in QoS IE for I		No	WG CN1																			
395	1660	Mapping between the QoS UMTS point c		No	WG CN1																			
396	1552	(Copy) Charging Management		No	WG SA5																			
397	1624	Security aspects		No	WG SA3																			
398	1619	Application aspects, multi-mode aspects		No	WG T2																			
399	1553	GERAN QoS Aspects - Handovers: main		No	SG GERAN																			
400	2306	Handover for the PS domain		No	SG GERAN																			
401	2309	Stable RT handover report 25.936 including		No	SG GERAN																			
402	2307	Update of stage 2		No	SG GERAN																			
403	2308	Update of relevant stage 3 specs		No	SG GERAN																			
404	1554	Evolution of maximum SDU size		No	WG SA2																			
405	1555	Impacts on CN protocols (e.g., GTP, MAP)		No	WG CN4																			
406	1556	Impact on interworking over GTP e.g. PPP		No	WG CN3																			

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407	1611	Admission control function triggers	NA	No	WG RAN3																			
408	1557	QoS for CS services at HOs (inter-MSC	Rel4	No	WG SA2																			
409	1559	GERAN aspects		No	SG GERAN																			
410	1560	UICC/(U)SIM enhancements and interw	NA	Yes	WG T3																			
411	1798	FS on UICC/ME Performance Enhancem		No	WG T3																			
412	1562	UICC/USIM database specification	Rel4	No	WG T3																			
413	1799	Common PCN Handset Specification (CF	Rel4	No	WG T3																			
414	1564	report on SIM/USIM Interworking		No	WG T3																			
415	1800	(U)SIM toolkit enhancements	NA	Yes	WG T3																			
416	1566	Enhancements to (U)SIM toolkit secure n	Rel4	No	WG T3																			
417	1801	Protocol Standardisation of a SIM Toolk	Rel4	No	WG T3																			
418	2034	USAT local link	Rel4	No	WG T3																			
419	1802	UICC API	NA	Yes	WG T3																			
420	2029	Java API	Rel4	No	WG T3																			
421	1803	Test specification		No	WG T3																			
422	2031	Multos API	Rel5	No	WG T3																			
423	2032	Specification		No	WG T3																			
424	2033	Test specification		No	WG T3																			
425	2100	USIM Toolkit security		No	WG SA3																			
426	1571	Security enhancements	NA	No	WG SA3																			
427	2099	UE triggered authentication during conn	Rel4	No	WG SA3																			
428	2254	Stage3		No	WG CN1																			
429	1587	Evolution of GSM CS algorithms (e.g. A	Rel4	No	WG SA3																			
430	1588	Evolution of GSM PS algorithms (e.g. GE	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																			

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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)	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., protocol)	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	Rel4	No	WG SA3																			
446	1584	Main aspects		No	WG SA3																			
447	2025	Other stage 3 aspects		No	WG CN4																			
448	1586	Key management for core network security		No	WG SA3																			
449	1594	Visibility and Configurability of security	Rel4	No	WG SA3																			
450	1595	FIGS	Rel5	No	WG SA3																			
451	1612	General security issues	?	No	WG SA3																			
452	2026	Enhanced HE control of security (including)	?	No	WG SA3																			
453	2027	Stage 2		No	WG SA3																			
454	2028	FS on Network impacts		No	WG CN4																			
455	1861	Miscellaneous UE Conformance Testing	NA	Yes	WG T1																			
456	1862	Optimisation of Test Time, RF Aspects (F)		No	WG T1																			
457	1863	Optimisation of Test Time, RF Aspects (T)		No	WG T1																			
458	1907	Extensions to R99 Test cases		No	WG T1																			
459	1908	Review all other work items for impact on		No	WG T1																			
460	1909	Additional signalling tests to cover VHE,		No	WG T1																			
461	1365	Support of Push Services	Rel5	No	WG SA2																			
462	1142	Charging and OAM&P (Master)	Rel4	No	WG SA5																			
463	2089	Principles, high level Requirements and		No	WG SA5																			
464	2088	Performance Management (PM) (Master)		No	WG SA5																			

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465	2081	Fault Management (FM) (Master)		No	WG SA5																			
466	2082	Configuration Management (CM) (Master)		No	WG SA5																			
467	2242	Charging Management for all-IP UMTS n		No	WG SA5																			
468	2083	Charging Management (CH) (Master)		No	WG SA5																			
469	2062	Subscription Management	Rel4	No	WG SA5																			
470	2071	UTRAN Operations and Maintenance p	Rel4	No	WG SA5																			
471	1993	small Technical Enhancements and Imp	Rel4	No	Generic																			
472	2230	Advanced Speech Call Items enhancem	Rel4	No	WG CN1																			
473	2232	Stage 2		No	WG CN4																			
474	2231	Stages 2 and 3 on A interface		No	WG CN1																			
475	2243	Intra Domain Connection of RAN Nodes	Rel5	No	WG SA2																			
476	2244	Overall System Architecture		No	WG SA2																			
477	2245	RAN work		No	WG RAN3																			
478	2246	GERAN work		No	WG GERAN2																			
479	2247	CN work		No	WG CN1																			
480	2248	N1 work		No	WG CN1																			
481	2249	N4 work		No	WG CN4																			
482	2310	GERAN improvements 1	Rel4	No	SG GERAN																			
483	2311	Gb over IP (Ip-fication of Gb)		No	SG GERAN																			
484	2312	Concept		No	SG GERAN																			
485	2313	Changes to 08.16, 08.18		No	SG GERAN																			
486	2314	GERAN improvements 2	Rel4	No	SG GERAN																			
487	2315	Gb enhancements		No	SG GERAN																			
488	2316	NACC (network Assisted Cell Change)		No	SG GERAN																			
489	2420	Concept		No	SG GERAN																			
490	2317	Changes in 03.64		No	SG GERAN																			
491	2318	Changes in 04.60		No	SG GERAN																			
492	2319	Changes in 44.008		No	SG GERAN																			
493	2320	GERAN improvements 3	Rel5	No	SG GERAN																			






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494	2321	Evolution of the transport for A		No	SG GERAN																			
495	2322	Definition of a new A interface Transport Layer		No	SG GERAN																			
496	2323	Adaptation of the Layer 3 BSSMAP procedures		No	SG GERAN																			
497	2324	GERAN improvements 4	Rel4	No	SG GERAN																			
498	2325	Gb enhancements 2		No	SG GERAN																			
499	2429	stage 2		No	SG GERAN																			
500	2421	Stage 3 (changes in 44.060)		No	G GERAN2																			
501	2327	Definition of enhanced countdown procedu		No	G GERAN2																			
502	2328	Definition of enhanced TBF release procedi		No	G GERAN2																			
503	2329	Definition of USF=FREE type polling mechan		No	G GERAN2																			
504	2330	GERAN support for IP multimedia	Rel5	No	SG GERAN																			
505	2331	GERAN Header adaptation		No	SG GERAN																			
506	2332	Definition of compression and removal modes fo		No	SG GERAN																			
507	2333	Conceptual description in stage 2		No	SG GERAN																			
508	2334	Necessary changes on stage 3 regarding heade		No	SG GERAN																			
509	2335	GERAN Radio access bearer design for l		No	SG GERAN																			
510	2422	MuM control signalling for conversational multim		No	SG GERAN																			
511	2431	Identification of requirements		No	SG GERAN																			
512	2337	Necessary modifications due to SIP		No	SG GERAN																			
513	2338	Physical layer multiplexing		No	SG GERAN																			
514	2339	Stage 2		No	SG GERAN																			
515	2432	Stage 3		No	SG GERAN																			
516	2341	GERAN MS Conformance test for suppor		No	SG GERAN																			
517	2342	MS test		No	G GERAN4																			
518	2343	GERAN BTS Conformance test for suppc		No	SG GERAN																			
519	2344	BTS test		No	G GERAN3																			
520	2345	Alignment of 3G functional split and lu	Rel5	No	SG GERAN																			
521	2346	GERAN user / control plane		No	SG GERAN																			
522	2347	Alignment with UMTS bearer concept		No	SG GERAN																			



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523	2423	Stage 2		No	SG GERAN																			
524	2348	Adoption of the UTRAN PDCP		No	SG GERAN																			
525	2349	Development of RLC / MAC		No	SG GERAN																			
526	2350	Development of GERAN RR		No	SG GERAN																			
527	2351	Ciphering and integrity protection		No	SG GERAN																			
528	2352	Logical and physical channel realization TCI		No	SG GERAN																			
529	2353	Use of stealing bits		No	SG GERAN																			
530	2354	Fast access		No	SG GERAN																			
531	2355	Fast power control		No	SG GERAN																			
532	2424	Physical layer alignment with UMTS bearer conc		No	SG GERAN																			
533	2356	PDTCH/TCH in 45.003		No	SG GERAN																			
534	2357	Control channels in 45.003		No	SG GERAN																			
535	2358	Receiver performance in 45.005 for PDTCH		No	SG GERAN																			
536	2359	lu rg interface		No	SG GERAN																			
537	2425	Inter BSS interface		No	SG GERAN																			
538	2360	Identification of requirements		No	SG GERAN																			
539	2361	Stage 2		No	SG GERAN																			
540	2362	Adoption of relevant parts from lur		No	SG GERAN																			
541	2363	Complementation with GERAN specifics		No	SG GERAN																			
542	2364	New stage 3		No	SG GERAN																			
543	2426	Inter BSS-RNS interface		No	SG GERAN																			
544	2365	Identification of requirements		No	SG GERAN																			
545	2366	Stage 2		No	SG GERAN																			
546	2367	Adoption of relevant parts from lur		No	SG GERAN																			
547	2368	Complementation with GERAN specifics		No	SG GERAN																			
548	2369	New stage 3		No	SG GERAN																			
549	2370	Voice over GERAN PS and CS concept		No	SG GERAN																			
550	2371	Architecture for A, lu cs and lu ps		No	SG GERAN																			
551	2372	Transcoder position/operation		No	SG GERAN																			




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552	2373	Handover		No	SG GERAN																			
553	2374	RTP payload		No	SG GERAN																			
554	2375	FPC		No	SG GERAN																			
555	2376	LA		No	SG GERAN																			
556	2377	GERAN Narrowband speech realization		No	SG GERAN																			
557	2427	8-PSK NB HR		No	SG GERAN																			
558	2378	Channel coding in 45.003		No	SG GERAN																			
559	2379	Signalling for A interface		No	SG GERAN																			
560	2380	Signalling for lu		No	SG GERAN																			
561	2381	Link adaptation in 45.009		No	SG GERAN																			
562	2382	Receiver performance in 45.005		No	SG GERAN																			
563	2428	8-PSK NB QR		No	SG GERAN																			
564	2383	Channel coding in 45.003		No	SG GERAN																			
565	2384	Signalling for A interface		No	SG GERAN																			
566	2385	Signalling for lu		No	SG GERAN																			
567	2386	Link adaptation in 45.009		No	SG GERAN																			
568	2387	Receiver performance in 45.005		No	SG GERAN																			
569	2388	GERAN MS Conformance test for GERAN		No	SG GERAN																			
570	2389	MS test		No	SG GERAN																			
571	2390	GERAN MS Conformance test for GERAN		No	SG GERAN																			
572	2391	BSS test		No	SG GERAN																			
573	2392	GERAN enhancements for streaming service	Rel5	No	SG GERAN																			
574	2393	GERAN enhancements for streaming service		No	SG GERAN																			
575	2394	Concept		No	SG GERAN																			
576	2395	RLC protocol enhancement		No	SG GERAN																			
577	2396	GERAN enhancements for streaming service	Rel5	No	SG GERAN																			
578	2397	GERAN enhancements for streaming service		No	SG GERAN																			
579	2398	Usage of ECSD		No	SG GERAN																			
580	2399	Stage 2		No	SG GERAN																			

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581	2400	Stage 3		No	SG GERAN																			
582	2401	RLC PDU formats		No	SG GERAN																			
583	2402	MAC header		No	SG GERAN																			
584	2403	700 MHz spectrum support	Rel4	No	SG GERAN																			
585	2404	GERAN support for the 700 MHz band		No	SG GERAN																			
586	2405	Signalling support		No	SG GERAN																			
587	2406	Physical layer definitions		No	SG GERAN																			
588	2407	Receiver performance and RF budget		No	SG GERAN																			
589	2408	GERAN MS Conformance test for 700 MHz		No	SG GERAN																			
590	2409	MS test		No	SG GERAN																			
591	2410	GERAN BTS Conformance test for 700 MHz		No	SG GERAN																			
592	2411	BTS test		No	SG GERAN																			
593	2412	GERAN/UTRAN interface evolution 1	Rel5	No	SG GERAN																			
594	2413	Evolution of lu ps		No	SG GERAN																			
595	2414	Identification of GERAN requirements on lu ps		No	SG GERAN																			
596	2415	Update of specifications		No	SG GERAN																			
597	2416	GERAN/UTRAN interface evolution 2	Rel5	No	SG GERAN																			
598	2417	Evolution of lu cs		No	SG GERAN																			
599	2418	Identification of GERAN requirements on lu cs		No	SG GERAN																			
600	2419	Update of specifications		No	SG GERAN																			

Project: 3GPP_Work Plan
Date: Fri 16/02/01

Task 
Task Progress 
Critical Task 
Critical Task Progress 
Milestone 

Summary 
Rolled Up Task 
Rolled Up Critical Task 
Rolled Up Milestone 
Rolled Up Progress 

Split 
External Tasks 
Project Summary 
Summary Progress 