

ID	Unique ID	Name	Release	Split	Resource Name																												
						Qtr 1, 2000	Qtr 2, 2000	Qtr 3, 2000	Qtr 4, 2000	Qtr 1, 2001	Qtr 2, 2001	Qtr 3, 2001	Qtr 4, 2001	Qtr 1, 2002																			
1	2044	VERSION OCT. 10th		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																																
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	624	Radio access bearer support enhancement	Rel5	No	WG RAN2																												
9	12	QoS optimisation for AAL2 connections over lub an	Rel4	No	WG RAN3																												
10	1995	Migration to modification procedures	Rel4	No	WG RAN3																												
11	1834	Conformance Test Aspects		No	WG T1																												
12	1835	UE Conformance test spec. changes, R4 evolution of UTRAN, F		No	WG T1																												
13	1836	UE Conformance test spec. changes, R4 evolution of UTRAN, T		No	WG T1																												
14	1837	Logical Test Interface, Specification, R4 evolution of UTRAN		No	WG RAN2																												
15	4	Evolutions of the transport in the CN	NA	Yes	WG CN4																												
16	859	IP Transport of CN protocols (e.g., CAP, MAP)	Rel5	No	WG CN4																												
17	1678	Stage 2		No	WG SA2																												
18	1679	Stage 3		No	WG CN4																												
19	2018	CAP		No	WG CN2																												
20	2019	MAP		No	WG CN4																												
21	1513	FS on Transport and control separation in the PS C		No	WG SA2																												
22	1615	Architectural impacts		No	WG SA2																												
23	1614	Protocol impacts		No	WG CN4																												
24	1216	Improvements of Radio Interface	NA	Yes	TSG RAN																												
25	1468	(Copy) Node B synchronisation for TDD		No	WG RAN1																												
26	1470	Improvement of inter-frequency and inter-system rr	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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						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
30	1217	Hybrid ARQ II/III	Rel5	No	WG RAN2																	
31	1218	Improved usage of downlink resource in FDD for CC	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 soft handover	Rel4	No	WG RAN1																	
35	1996	UMTS 1800	Rel4	No	WG RAN4																	
36	1506	FS on Radio link performance enhancements		No	WG RAN1																	
37	1219	FS on High Speed downlink packet access		No	WG RAN2																	
38	1221	FS on USTS		No	WG RAN1																	
39	1510	FS on improved common DL channel for Cell-FACH		No	WG RAN2																	
40	1997	FS on UE antenna efficiency test method performan		No	WG RAN4																	
41	1839	Conformance Test Spec. improvements in Radio Int		No	WG T1																	
42	1222	Low Chip Rate TDD option	Rel4	No	WG RAN1																	
43	1223	Physical layer		No	WG RAN1																	
44	1224	Layer 2 and layer 3 protocol aspects		No	WG RAN2																	
45	1225	RF radio transmission/reception, system performan		No	WG RAN4																	
46	1227	UE radio access capability		No	WG RAN2																	
47	1228	Iub/Iur protocol aspects		No	WG RAN3																	
48	1911	Testing		No																		
49	1840	Conformance tests for Low Chip Rate TDD		No	WG T1																	
50	1841	Protocol Conformance tests for Low Chip Rate TDD		No	WG T1																	
51	9	RAN improvements	NA	Yes	TSG RAN																	
52	1466	Smart antenna	Rel4	No	WG RAN1																	
53	656	RRM optimization for Iur and Iub	Rel4	No	WG RAN3																	
54	655	Node B synchronisation for TDD (Master)	Rel4	No	WG RAN1																	
55	1472	Radio access bearer support enhancement	Rel4	No	WG RAN2																	
56	1680	Header compression removal/stripping in the RAN	Rel5	No	TSG RAN																	
57	1686	Unequal error protection in PS domain in the RAN	Rel5	No	TSG RAN																	
58	1912	Testing		No	WG T1																	

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						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
59	1842	UE Conformance Test Spec. RAN improvements		No	WG T1																	
60	1843	UE Conformance Test Spec.TTCN RAN improvemer		No	WG T1																	
61	1273	Provisioning of IP-based multimedia services	Rel5	No	WG SA1																	
62	1274	Call control and roaming to support IP-based multir		No	WG SA2																	
63	1633	Stage 1		No	WG SA1																	
64	1514	Stage 2 (Architecture and Main flows)		No	WG SA2																	
65	1277	FS on Impacts on HSS		No	WG CN4																	
66	1998	Stage 2 detailed call flows		No	WG CN1																	
67	1673	MLST: Stage 3 for basic calls		No																		
68	1278	SIP Call Control for the IM subsystem		No	WG CN1																	
69	1804	SIP interactions with the Rel4 Supl Services		No	WG CN1																	
70	1650	Check if any		No	WG SA1																	
71	1651	Stage 3 if applicable		No	WG CN1																	
72	1280	SIP SS and relationship to Mg, Mw and Cx		No	WG CN4																	
73	1281	Multimedia Capabilities		No	WG CN1																	
74	1282	Terminal capabilities		No	WG CN1																	
75	1806	Terminal capabilities and Interactions on running multimedia		No	WG T2																	
76	1805	Network capabilities		No	WG CN1																	
77	1285	Network capabilities (N4 aspects)		No	WG CN4																	
78	1286	CSCF – HSS (Cx) applications and services (SCP)		No	WG SA2																	
79	1515	Stage 2 flows		No	WG SA2																	
80	2021	Stage 2 flows (N4 ) (see note)		No	WG CN4																	
81	2023	Impacts from CAMEL		No	WG CN4																	
82	1288	Impact on Camel Stage 3		No	WG CN2																	
83	1289	Impact on MAP		No	WG CN4																	
84	2024	Stage 3 protocol on Cx		No	WG CN4																	
85	1290	Addressing, Identities		No	WG SA2																	
86	1291	Architectural issues		No	WG SA2																	
87	1292	Impact on HSS		No	WG CN4																	

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						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
88	1293	Interworking		No	WG CN3																							
89	1294	SIP interworking with other multimedia protocols		No	WG CN3																							
90	1295	Requirements		No	WG SA1																							
91	1296	Impact on MM/CC/SM		No	WG CN1																							
92	2047	Multimedia domain and CS networks Interworking		No	WG CN3																							
93	2048	Multimedia domain and IP networks Interworking		No	WG CN3																							
94	1913	Testing		No																								
95	1844	UE Conformance Tests for IP-Based MM services		No	WG T1																							
96	1298	Access Security for IP-multimedia services		No	WG SA3																							
97	1299	Lawful interception		No	WG SA3																							
98	1300	RAN improvements and evolution of the bearers on		No	TSG RAN																							
99	1597	(Copy1) Ensure reliable QoS for PS domain and IM s		No	WG SA2																							
100	1303	Billing, charging and management aspects for IP-ba		No	WG SA5																							
101	1598	(Copy) AMR-WB		No	WG SA4																							
102	1305	Roaming between IP multimedia and CS domain ne		No	WG CN4																							
103	1457	Roaming requirements		No	WG SA1																							
104	1306	Stage 2		No	WG SA2																							
105	1307	Stage 2 review		No	WG CN4																							
106	1456	Internetwork roaming aspects		No	WG CN3																							
107	1807	MExE and MMS interactions		No	WG T2																							
108	1310	Support of VHE/OSA by Rel4 network entities and pr		No	WG CN5																							
109	1732	Number portability in IM subsystem		No	WG CN4																							
110	2036	Multimedia codecs and protocols for conversational		No	WG SA4																							
111	2039	Codecs		No	WG SA4																							
112	2040	performance characterisation of codec		No	WG SA4																							
113	2038	protocols		No	WG SA4																							
114	1539	Transparent End-to-End PS mobile streaming app	Rel4	No	WG SA4																							
115	1652	Emergency call enhancements	NA	Yes	WG CN1																							
116	1653	For IP & PS based calls	Rel5	No	WG CN1																							

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						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
117	1314	Service Requirements for IP-based emergency calls		No	WG SA1																							
118	1315	SIP emergency calls and packet emergency calls in general		No	WG CN1																							
119	1316	Stage 2 for emergency calls and packet emergency calls in ger		No	WG SA2																							
120	1317	Distinction of emergency call types to different emergency sen		No	WG CN4																							
121	1646	Stage 3 for emergency calls and packet emergency calls in ger		No	WG CN1																							
122	1605	(Copy2) Ensure reliable QoS for PS domain and IM subsystem		No	WG SA2																							
123	1654	For CS based calls	Rel4	No	WG CN1																							
124	1320	Distinction in CS domain of emergency call types to different er		No	WG SA1																							
125	1999	Distinction in CS domain of emergency calls to different emerge		No	WG CN1																							
126	1321	Emergency call recalling capability enhancement		No	WG CN1																							
127	1322	Enable bearer independent CS architecture	Rel4	No	WG SA2																							
128	1323	Enable bearer-independent call control		No	WG CN4																							
129	1516	Architecture and Stage 2 description on 23.821		No	WG SA2																							
130	1325	Standardisation of protocols (control & user planes) over refer		No	WG CN3																							
131	1326	Standardisation of protocols over reference points between M		No	WG CN4																							
132	1616	Standardisation of detailed stage 2 description		No	WG CN4																							
133	1327	Bearer control between MSC server and MGW		No	WG CN4																							
134	1328	stage 3 - protocol issues		No	WG CN4																							
135	1329	stage 3 - parameter value issues		No	WG CN3																							
136	1331	Lawful interception		No	WG SA3																							
137	1332	Bearer Independence and codec control issues		No	WG SA4																							
138	1918	Testing		No																								
139	2052	Conformance Test Aspects		No	WG T1																							
140	1847	UE Conformance test spec., Bearer independent CS, Protocol		No	WG T1																							
141	1848	UE Conformance test spec., Bearer independent CS, TTCN		No	WG T1																							
142	1333	CS multimedia services	Rel4	No	WG SA2																							
143	1338	Stage 1		No	WG SA1																							
144	1339	Stage 2		No	WG SA2																							
145	1655	Circuit-switched multimedia swap and fallback		No	WG CN3																							

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146	1335	Call control and signalling aspects		No	WG CN1																									
147	1336	Transport aspects		No	WG CN3																									
148	1337	inband signalling		No	WG CN3																									
149	1920	Testing		No																										
150	2056	Conformance Test Aspects		No	WG T1																									
151	1849	UE Conformance test spec. CS multimedia services, Protocol		No	WG T1																									
152	1850	UE Conformance test spec. CS multimedia services, TTCN		No	WG T1																									
153	1340	Facsimile	Rel4	No	WG SA1																									
154	1341	Real Time Fax		No	WG SA2																									
155	1808	Terminal capabilities, AT commands		No	WG T2																									
156	1343	Signalling aspects (e.g. ICM)		No	WG CN1																									
157	1648	Service provision		No	WG CN3																									
158	1345	Review whether service/stage 1 aspects need to be aligned		No	WG SA1																									
159	1346	Review whether architecture/stage 2 aspects need to be aligned		No	WG SA2																									
160	2041	Testing		No																										
161	1851	UE Conformance test spec. Fax, Protocol		No	WG T1																									
162	1517	Global Text telephony	Rel5	No	WG SA2																									
163	1634	Stage 1		No	WG SA1																									
164	1519	Stage 2		No	WG SA2																									
165	1350	Activation and transport		No	WG SA2																									
166	1520	SIP and H.324 Activation and transport		No	WG SA2																									
167	1521	Data Channel Activation and transport		No	WG SA2																									
168	1522	Voice Channel Activation and transport		No	WG SA4																									
169	1523	Selection of transport method		No	WG SA2																									
170	1524	Interworking		No	WG CN3																									
171	1809	Terminal Aspects		No	WG T2																									
172	1357	USIM Aspects		No	WG T3																									
173	2096	GTT using CS multimedia telephony		No	WG SA4																									
174	1915	Testing		No																										

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						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
175	1852	UE Conformance test spec. Global Text, Protocol		No	WG T1																							
176	1526	Bearer Modification without pre-notification	Rel4	No	WG SA1																							
177	1635	Stage 1		No	WG SA1																							
178	1359	Service Modification without pre-notification		No	WG CN3																							
179	1360	In call modify procedure		No	WG CN1																							
180	1361	Interworking function, TAF		No	WG CN3																							
181	1362	Out of band Transcoder Control		No	WG CN4																							
182	1363	AT commands		No	WG T2																							
183	1364	Bearer Modification because of radio conditions		No	WG SA2																							
184	1921	Testing		No																								
185	2057	Conformance Test Aspects		No	WG T1																							
186	1853	UE Conformance test spec. Bearer modification, Protocol		No	WG T1																							
187	1857	UE Conformance test spec. Bearer modification, TTCN		No	WG T1																							
188	1367	VHE enhancements	NA	Yes	WG SA1																							
189	1368	Evolution of VHE concepts (Master)	NA	Yes	WG SA2																							
190	1373	Evolution of VHE within the PS and CS Domain	Rel4	No	WG SA2																							
191	1374	Stage 1		No	WG SA1																							
192	1375	Stage 2		No	WG SA2																							
193	1376	Terminal impacts		No	WG T2																							
194	1404	Introduction of VHE within the IM subsystem	Rel5	No	WG SA2																							
195	1405	Stage 1		No	WG SA1																							
196	1406	Interaction between SIP and VHE/OSA		No	WG SA2																							
197	1407	Stage 2		No	WG SA2																							
198	1408	Stage 3 -MM/CC aspects		No	WG CN1																							
199	1409	Stage 3 -other aspects		No	WG CN5																							
200	1410	Interaction between HSS and gsmSCF features and VHE/C		No	WG SA2																							
201	1411	Stage 2		No	WG SA2																							
202	1412	Stage 3 -MM/CC aspects		No	WG CN1																							
203	1413	Stage 3 - MAP aspects		No	WG CN4																							

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						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan								
204	1414	Stage 3 -other aspects		No	WG CN5																															
205	1415	Interaction between Multi Media network resources and VHE		No	WG SA2																															
206	1416	Stage 2		No	WG SA2																															
207	1417	Stage 3		No	WG CN5																															
208	1923	User Profile Management, User Profile Access		No	WG CN5																															
209	1377	Service Continuity	Rel4	No	WG SA2																															
210	1378	Definition and requirements on VHE within a single domain and I		No	WG SA1																															
211	1379	VHE architecture within a single domain		No	WG SA2																															
212	1380	VHE interworking between domains		No	WG SA2																															
213	1381	Personal Service Environment (PSE), user profiles and	Rel5	No	WG SA2																															
214	1382	PSE architecture (e.g. HSS) and interfaces		No	WG SA2																															
215	1383	User Profiles definition		No	WG CN4																															
216	1384	Interaction between VHE Toolkits	Rel4	No	WG SA2																															
217	1385	Stage 1		No	WG SA1																															
218	1386	Stage 2		No	WG SA2																															
219	1391	VHE security	Rel4	No	WG SA3																															
220	1392	Requirements		No	WG SA1																															
221	1393	Architecture definition for the different VHE toolboxes		No	WG SA2																															
222	1394	Review of architecture		No	WG SA3																															
223	1395	(possibly) changes required from supporting platforms, e.g. gsm		No	WG SA3																															
224	1637	OSA enhancements	Rel5	No	WG SA1																															
225	1922	(Copy) Evolution of VHE concepts		No	WG SA2																															
226	1424	Network Service Capability Features (N-SCFs)		No	WG SA2																															
227	1425	User requirements for the OSA N-SCFs		No	WG SA1																															
228	1528	Specify the selection of SCFs within the network architecture (		No	WG SA2																															
229	1529	Technical requirements for the OSA N-SCFs		No	WG SA2																															
230	1428	OSA APIs		No	WG CN5																															
231	1429	internal OSA APIs		No	WG SA2																															
232	1430	User requirements		No	WG SA1																															

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233	1530	Technical requirements		No	WG SA2																	
234	1432	Stage 3		No	WG CN5																	
235	1419	OSA security		No	WG SA3																	
236	1420	Technical requirements		No	WG SA2																	
237	1421	Stage 3		No	WG SA3																	
238	1422	security related SCF(s) definition		No	WG CN5																	
239	1423	(possibly) changes required from supporting platforms, e.g. gsm		No	WG SA3																	
240	1621	impact on terminal		No	WG T2																	
241	1433	Enhancement of the Framework Service Capability		No	WG SA2																	
242	1434	User requirements		No	WG SA1																	
243	1531	Technical requirements		No	WG SA2																	
244	1436	Stage 3		No	WG CN5																	
245	1437	Harmonisation/co-ordination with non UMTS related		No	WG CN5																	
246	1786	LCS application interfaces (LCS-OSA) (Master)		No	WG SA1																	
247	1787	Service description		No	WG SA1																	
248	1788	Stage 2		No	WG SA2																	
249	1638	CAMEL phase 4	Rel5	No	WG SA1																	
250	1461	Service requirements		No	WG SA1																	
251	2011	Charging notification to the CSE		No	WG CN2																	
252	2012	Call Party Handling		No	WG CN2																	
253	2013	Mid call procedure for MO and MT calls		No	WG CN2																	
254	2014	Interactions with Optimal Routing		No	WG CN2																	
255	2015	Inclusion of flexible tone injection		No	WG CN2																	
256	2016	CSE control over MT SMS		No	WG CN2																	
257	2017	CAMEL applicability to media streams like VoIP		No	WG CN2																	
258	1445	MExE enhancements	NA	Yes	WG T2																	
259	1447	MExE Security	Rel4	No	WG SA3																	
260	2045	Stage 3		No	WG SA3																	
261	1448	Terminal aspects		No	WG T2																	

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262	1810	MExE Improvements and Investigations	Rel4	No	WG T2																							
263	1449	Stage 3		No	WG SA3																							
264	1811	Support of the Terminal parts of the VHE /User Profile		No	WG T2																							
265	1812	3rd MExE classmark		No	WG T2																							
266	1813	FS on AT command support		No	WG T2																							
267	1814	FS on Secure download mechanism and capabilities to support		No	WG T2																							
268	1815	FS on Support of MP3/MPEG4 content		No	WG T2																							
269	1816	FS on Support of SAT/OSA/CAMEL interaction to provide adva		No	WG T2																							
270	1817	Enhanced security		No	WG T2																							
271	1625	Wideband Telephony Service - AMR (Master)	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		No	WG SA4																							
281	1989	Testing		No																								
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	In GERAN		No	TSG GERAN																							
289	892	In CN		No	TSG CN																							
290	1656	Impact on N1, see notes		No	WG CN1																							

ID	Unique ID	Name	Release	Split	Resource Name	Qtr 2, 2000												Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002
						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan								
291	1541	Transcoder-Free Operation	Rel5	No	TSG CN																															
292	112	OoBTC solution		No	WG CN4																															
293	1512	implementation in UTRAN		No	WG RAN3																															
294	896	Impact on architecture, Principles and Terminology		No	WG SA2																															
295	1657	Codec Negotiation between UE and MSC		No	WG CN1																															
296	115	Codec Negotiation inter MSC		No	WG CN4																															
297	894	Bearer establishment inter MSC		No	WG CN4																															
298	767	Bearer establishment between MSC and RNC and between RNC and UE		No	WG RAN3																															
299	897	Notification of the Codec mode to RAN, Iu UP control procedure		No	WG RAN3																															
300	1617	Prevention of user fraud		No	WG SA3																															
301	905	Speech Transcoder: Location and Control at the UM		No	WG SA2																															
302	124	Transcoder at Edge		No	TSG CN																															
303	1631	Tandem Free aspects for 3G and between 2G and 3G	Rel4	No	WG SA4																															
304	1632	Tandem Free AMR		No	WG SA4																															
305	130	Specification		No	WG SA4																															
306	907	Implementation		No	TSG CN																															
307	131	in CN		No	TSG CN																															
308	908	in UTRAN		No	TSG RAN																															
309	132	in GERAN		No	TSG GERAN																															
310	1818	Multimedia Messaging	Rel4	No	WG T2																															
311	136	Definition of service requirements		No	WG SA1																															
312	1819	Review of definition of service requirements		No	WG T2																															
313	1820	Technical Realisation		No	WG T2																															
314	1532	Definition of reference Achitecture model		No	WG SA2																															
315	1821	Review of definition of reference Achitecture model		No	WG T2																															
316	1822	"Fulfill Requirements of Stage 1"		No	WG T2																															
317	1823	Definition of MMS primitives in Stage 2		No	WG T2																															
318	1826	Terminal interfaces	NA	Yes	WG T2																															
319	1827	AT commands	Rel4	No	WG T2																															

ID	Unique IC	Name	Release	Split	Resource Name	Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 5, 2001
						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
320	1828	Specification of AT commands for new services		No	WG T2																						
321	917	Alternatives to AT commands (TBD)		No	WG T2																						
322	1858	UE Conformance test spec. AT command		No	WG T1																						
323	1859	EMMI Specification (see note)		No	WG RAN2																						
324	1829	Wide Area Data Synchronisation	Rel5	No	WG T2																						
325	1830	Continues evolution of Synchronisation protocol		No	WG T2																						
326	1831	vObjects and Other Constructs for Use in Data Synchronisation		No	WG T2																						
327	1860	UE Conformance test spec. Wide area data sync		No	WG T1																						
328	1536	Location Services enhancements	NA	Yes	WG SA2																						
329	512	FS on Geographical Area description: DEfined Geog		No	WG SA1																						
330	1171	Event based and Periodic LCS	Rel5	No	WG SA1																						
331	1641	Stage 1		No	WG SA1																						
332	1538	Stage 2 specification		No	WG SA2																						
333	1179	Impact on MAP		No	WG CN4																						
334	519	LCS network management in UMTS		No	WG SA5																						
335	521	New security aspects of LCS (not identified)		No	WG SA3																						
336	523	LCS support in the CS domain	Rel4	No	WG SA2																						
337	525	LCS support in the PS domain	Rel4	No	WG SA2																						
338	1642	Stage 1		No	WG SA1																						
339	1181	Stage 2		No	WG SA2																						
340	1180	Stage 3		No	WG CN1																						
341	526	Layer 3 LCS signaling UE (MS) -SGSN (UMTS PS and and (		No	WG CN1																						
342	527	GTP signaling for LCS		No	WG CN4																						
343	544	LCS interoperation stage 2 aspects		No	WG SA2																						
344	1916	MExE and CBS interactions	Rel4	No	WG T2																						
345	1600	UE positioning	Rel4	No	TSG RAN																						
346	1601	Iub/Iur interfaces for methods Rel 99		No	WG RAN2																						
347	1602	UE positioning enhancements		No	WG RAN2																						
348	1603	(Copy) UTRA repeater specification		No	WG RAN4																						

ID	Unique IC	Name	Release	Split at	Resource Name	2000	Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr
						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
349	1796	(Copy) LCS application interfaces (LCS-OSA)		No	WG SA1																							
350	1183	FS on LCS support in the IM CN subsystem		No	WG SA1																							
351	1542	Ensure reliable QoS for PS domain and IM subsys	Rel4	No	WG SA2																							
352	1543	stage 2 for End-to-end QoS (re)negotiation and rese		No	WG SA2																							
353	1658	stage 3 for End-to-end QoS (re)negotiation and rese		No	WG CN1																							
354	1545	GMM and SM aspects		No	WG CN1																							
355	1546	GTP aspects		No	WG CN4																							
356	1547	Mapping of end to end QoS parameters on each int		No	WG SA2																							
357	1548	Impacts on N4 documents		No	WG CN4																							
358	1549	Impacts on N3 documents		No	WG CN3																							
359	1681	RAB Quality of Service (re)Negotiation over Iu		No	WG RAN3																							
360	1991	RAB Quality of Service Negotiation over Iu		No	WG RAN3																							
361	1992	RAB Quality of Service Re-Negotiation over Iu		No	WG RAN3																							
362	1685	PS-domain handover for real-time services		No	WG RAN3																							
363	1550	Interactions between external mechanisms and UM		No	WG CN3																							
364	1551	Possible new code points in QoS IE from external n		No	WG CN1																							
365	1659	Possible new code points in QoS IE for UMTS		No	WG CN1																							
366	1660	Mapping between the QoS UMTS point codes and tl		No	WG CN1																							
367	1552	Charging aspects		No	WG SA5																							
368	1624	Security aspects		No	WG SA3																							
369	1619	Application aspects, multi-mode aspects		No	WG T2																							
370	1553	GERAN QoS Aspects		No	TSG GERAN																							
371	1554	Evolution of maximum SDU size		No	WG SA2																							
372	1555	Impacts on CN protocols (e.g., GTP, MAP)		No	WG CN4																							
373	1556	Impact on interworking over GTP e.g. PPP		No	WG CN3																							
374	1611	Admission control function triggers		No	WG RAN3																							
375	1557	QoS for CS services at HOs (inter-MSC and SRN)	Rel4	No	WG SA2																							
376	1558	UTRAN aspects		No	WG RAN2																							
377	1559	GERAN aspects		No	TSG GERAN																							

ID	Unique ID	Name	Release	Split	Resource Name	2000												Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002
						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan		
378	1560	UICC/(U)SIM enhancements and interworking	NA	Yes	WG T3																									
379	1798	FS on UICC/ME Performance Enhancements		No	WG T3																									
380	1562	UICC/USIM database specification	Rel4	No	WG T3																									
381	1799	Common PCN Handset Specification (CPHS)	Rel4	No	WG T3																									
382	1564	report on SIM/USIM Interworking		No	WG T3																									
383	1800	(U)SIM toolkit enhancements	NA	Yes	WG T3																									
384	1566	Enhancements to (U)SIM toolkit secure messaging	Rel4	No	WG T3																									
385	1801	Protocol Standardisation of a SIM Toolkit Interpreter	Rel4	No	WG T3																									
386	2034	USAT local link	Rel4	No	WG T3																									
387	1802	UICC API	NA	Yes	WG T3																									
388	2029	Java API	Rel4	No	WG T3																									
389	1803	Test specification		No	WG T3																									
390	2031	Multos API	Rel5	No	WG T3																									
391	2032	Specification		No	WG T3																									
392	2033	Test specification		No	WG T3																									
393	1571	Security enhancements	NA	Yes	WG SA3																									
394	1587	Evolution of GSM CS algorithms (e.g. A5/3 development)	Rel4	No	WG SA3																									
395	1588	Evolution of GSM PS algorithms (e.g. GEA 2 deployment)	Rel4	No	WG SA3																									
396	1589	Main aspects		No	WG SA3																									
397	1618	Impact on GTP		No	WG CN4																									
398	1661	GEA capability indication in MS CM		No	WG CN1																									
399	1572	Protection for user plane data	Rel5	Yes	WG SA3																									
400	1573	Integrity protection in access network		No	WG SA3																									
401	1574	Integrity protection in core network		No	WG SA3																									
402	1575	Network based end-to-end security		No	WG SA3																									
403	1576	Network domain security		Yes	WG SA3																									
404	1577	Control plane protection in core network (e.g., GTP, CAP, MAP/)	Rel5	No	WG SA3																									
405	1578	Main aspects		No	WG SA3																									
406	1579	Integration of GTP signalling security architecture		No	WG CN4																									






ID	Unique ID	Name	Release	Split	Resource Name	Timeline																							
						Mar 2000	Apr 2000	May 2000	Jun 2000	Jul 2000	Aug 2000	Sep 2000	Oct 2000	Nov 2000	Dec 2000	Jan 2001	Feb 2001	Mar 2001	Apr 2001	May 2001	Jun 2001	Jul 2001	Aug 2001	Sep 2001	Oct 2001	Nov 2001	Dec 2001	Jan 2002	
407	1580	User plane protection in core network (e.g., provided by IPsec)	Rel5	No	WG SA3																								
408	1581	Main aspects		No	WG SA3																								
409	1582	Integration of GTP signalling security architecture		No	WG CN4																								
410	1583	MAP application layer security	Rel4	No	WG SA3																								
411	1584	Main aspects		No	WG SA3																								
412	2025	Other stage 3 aspects		No	WG CN4																								
413	1586	Key management for core network security		No	WG SA3																								
414	1591	GERAN Security	Rel5	No	WG SA3																								
415	1592	Main aspects		No	WG SA3																								
416	1593	Production of new algorithm		No	WG SA3																								
417	1594	Visibility and Configurability of security	Rel4	No	WG SA3																								
418	1595	FIGS	Rel5	No	WG SA3																								
419	1612	General security issues	?	No	WG SA3																								
420	2026	Authentication Reporting	?	No	WG SA3																								
421	2027	Stage 2		No	WG SA3																								
422	2028	FS on Network impacts		No	WG CN4																								
423	1861	Miscellaneous UE Conformance Testing Activities		Yes	WG T1																								
424	1862	Optimisation of Test Time, RF Aspects (FDD)		No	WG T1																								
425	1863	Optimisation of Test Time, RF Aspects (TDD)		No	WG T1																								
426	1907	Extensions to R99 Test cases		No	WG T1																								
427	1908	Review all other work items for impact on new or ex		No	WG T1																								
428	1909	Additional signalling tests to cover VHE, OSA, MExE		No	WG T1																								
429	1365	FS on Push Services		No	WG SA2																								
430	1832	Terminal local model	Rel4	No	WG T2																								
431	1993	RAN technical small enhancements and improv	Rel4	No	WG RAN4																								
432	1142	Definition of billing, charging and management (tc		No	WG SA5																								
433	2089	Definition of Architecture and Principles (Master)		No	WG SA5																								
434	2090	Security Management (Key Administration and Distribution for M		No	WG SA5																								
435	2091	Stage 2		No	WG SA5																								



ID	Unique ID	Name	Release	Split	Resource Name	2000												Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002
						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan		
436	2092	Stage 3		No	WG SA3																									
437	2093	Key Administration & Distribution (Master)		No	WG SA5																									
438	2094	Co-ordination O&M messaging Specification		No	WG RAN3																									
439	2088	Performance Management (Master)		No	WG SA5																									
440	2081	Fault Management (Master)		No	WG SA5																									
441	2082	Configuration Management (Master)		No	WG SA5																									
442	2083	Charging Management (Master)		No	WG SA5																									
443	2084	Call Cell Trace (Master)		No	WG SA5																									
444	2085	GSM LCS O&M Project (Master)		No	WG SA5																									
445	2086	Service Management (Master)		No	WG SA5																									
446	1924	GERAN definition (to be dispatched to other features)	NA	Yes	TSG GERAN																									
447	1925	Evolution of transport in UTRAN and GERAN	?	No	TSG GERAN																									
448	1926	Addition of transport mechanisms other than ATM for Iu		No	TSG GERAN																									
449	1927	GERAN/UTRAN interface evolution	Rel4	No	TSG GERAN																									
450	1929	Evolution of Iu ps		No	TSG GERAN																									
451	1930	Identification of GERAN requirements on Iu ps		No	TSG GERAN																									
452	1932	Update of specifications		No	TSG GERAN																									
453	1933	Evolution of Iu cs		No	TSG GERAN																									
454	1934	Identification of GERAN requirements on Iu cs		No	TSG GERAN																									
455	1935	Update of specifications		No	TSG GERAN																									
456	1936	Evolution of interface A		No	TSG GERAN																									
457	1937	Identification of GERAN requirements on A interface		No	TSG GERAN																									
458	1938	Update of specifications		No	TSG GERAN																									
459	1987	Low chip rate TDD for UTRAN		No	TSG GERAN																									
460	1939	Gb over IP		No	TSG GERAN																									
461	1940	Enhance cell reselections		No	TSG GERAN																									
462	1941	GERAN radio interface evolution		No	TSG GERAN																									
463	1942	Overall concept for GERAN		No	TSG GERAN																									
464	1943	GERAN Header adaptation		No	TSG GERAN																									


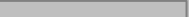

ID	Unique ID	Name	Release	Split	Resource Name	Qtr 1, 2000	Qtr 2, 2000				Qtr 3, 2000				Qtr 4, 2000				Qtr 1, 2001				Qtr 2, 2001				Qtr 3, 2001				Qtr 4, 2001				Qtr 1, 2002																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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465	1945	GERAN Radio access bearer design		No	TSG GERAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

ID	Unique ID	Name	Release	Split	Resource Name	Qtr 1, 2000	Qtr 2, 2000	Qtr 3, 2000	Qtr 4, 2000	Qtr 1, 2001	Qtr 2, 2001	Qtr 3, 2001	Qtr 4, 2001	Qtr 1, 2002								
						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
494	1970	LCS in GERAN		No	TSG GERAN																	
495	1975	GERAN LCS stage 2		No	TSG GERAN																	
496	1974	Iur-g interface support for LCS GERAN		No	TSG GERAN																	
497	1973	Gb,A interface support for LCS GERAN		No	TSG GERAN																	
498	1977	Iu-cs(?), Iu-ps interface support for LCS GERAN measurement		No	TSG GERAN																	
499	1978	Radio Resource Management (for LCS GERAN )		No	TSG GERAN																	
500	1976	Stage 3 specifications		No	TSG GERAN																	
501	2061	Testing		No																		
502	1971	GERAN MS Conformance test for LCS		No	TSG GERAN																	
503	1972	GERAN BTS Conformance test for LCS		No	TSG GERAN																	
504	2062	Subscription Management		No	WG SA5																	
505	2063	Definition of Architecture and Principles (Copy)		No	WG SA5																	
506	2064	Security Management (Key Administration and Distribution for M		No	WG SA5																	
507	2065	Stage 2 (Copy)		No	WG SA5																	
508	2066	Stage 3		No	WG SA3																	
509	2067	Key Administration & Distribution (Copy)		No	WG SA5																	
510	2068	Co-ordination O&M messaging Specification		No	WG RAN3																	
511	2069	Configuration Management (Copy)		No	WG SA5																	
512	2070	Charging Management (Copy)		No	WG SA5																	
513	2071	UTRAN Operations and Maintenance procedures		No	WG SA5																	
514	2072	Definition of Architecture and Principles (Copy)		No	WG SA5																	
515	2073	Security Management (Key Administration and Distribution for M		No	WG SA5																	
516	2074	Stage 2 (Copy)		No	WG SA5																	
517	2075	Stage 3		No	WG SA3																	
518	2076	Key Administration & Distribution (Copy)		No	WG SA5																	
519	2077	Co-ordination O&M messaging Specification		No	WG RAN3																	
520	2078	Configuration Management (Copy)		No	WG SA5																	
521	2079	Fault Management (Copy)		No	WG SA5																	
522	2080	Performance Management (Copy)		No	WG SA5																	

Project: 3GPP\_Work Plan  
Date: Tue 10/10/00

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 