

ID	Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
1	2044	VERSION 2002 September 26th	Rel	No														
2	1462	"CTRL + a" to display all the 3GPP fields		No														
3	2058	Content of Rel4 and Rel5 frozen. Rel6 and after n	Rel	No														
4	0		Rel	No														
5	96			No														
6	2	Evolutions of the transport in the UTRAN	NA	Yes	TSG RAN													
7	4	Evolutions of the transport in the CN	NA	Yes	WG CN4													
8	1216	Improvements of Radio Interface	NA	Yes	TSG RAN													
9	1470	Improvement of inter-frequency and inter-system measu	Rel6	No	WG RAN1													
10	24004	Base station classification	Rel6	No	WG RAN4													
11	1476	FDD Base station classification	Rel6	No	WG RAN4													
12	1218	Improved usage of downlink resource in FDD for CCTrCHs	Rel6	No	WG RAN2													
13	1507	Terminal Power Saving features	Rel6	No	WG RAN2													
14	2468	Multiple Input Multiple Output antennas (MIMO)	Rel6	No	WG RAN1													
15	24006	Improving Receiver Performance Requirements for the FD	Rel6	No	WG RAN4													
16	24003	FS for the viable deployment of UTRA in additional and di	Rel6	No	WG RAN4													
17	24005	FS on UE antenna efficiency test methods performance r	Rel6	No	WG RAN4													
18	2471	FS on Fast Cell Selection (FCS) for HS-DSCH	Rel6	No	WG RAN1													
19	1506	FS on Radio link performance enhancements	Rel6	No	WG RAN1													
20	24001	FS on UTRA WideBand Distribution Systems	Rel6	No	WG RAN4													
21	21000	FS on Improvement of inter-frequency and inter-system n	Rel6	No	WG RAN1													
22	21003	FS for the analysis of OFDM for UTRAN enhancements	Rel6	No	WG RAN1													
23	21004	FS on Uplink Enhancements for Dedicated Transport Char	Rel6	No	WG RAN1													
24	21005	FS on Analysis on Higher Chip Rates for UTRA TDD evoluti	Rel6	No	WG RAN1													
25	9	RAN improvements	NA	Yes	TSG RAN													
26	20999	Beamforming Enhancements	Rel6	No	WG RAN1													
27	624	RAB support enhancement	Rel6	No	WG RAN2													
28	23005	Improvement of RRM across RNS and RNS/BSS	Rel6	No	WG RAN3													
29	23006	FS on the evolution of the UTRAN architecture	Rel6	No	WG RAN3													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
30		22001	FS for the Early Mobile Handling in UTRAN	Rel6	No	WG RAN2													
31		1652	Emergency call enhancements	Rel6	Yes	WG CN1													
32		1653	For IP & PS based calls	Rel6	No	WG CN1													
33		1314	Service Requirements for IP-based emergency calls		No	WG SA1													
34		1315	SIP emergency calls and packet emergency calls signalling flows		No	WG CN1													
35		1316	Stage 2 for emergency calls and packet emergency calls in gene		No	WG SA2													
36		1317	Distinction of emergency call types to different emergency servic		No	WG CN1													
37		1646	Stage 3 for emergency calls and packet emergency calls in gene		No	WG CN1													
38		2224	Conformance Test Aspects - Emergency call enhancements		No	WG T1													
39		2225	Testing Stage 3 for emergency calls and packet emergency calls		No	WG T1													
40		1826	Terminal interfaces	NA	Yes	WG T2													
41		32023	Location Services enhancements 2	Rel6	No	WG SA2													
42		32024	Improvement on Le interface		No	WG SA2													
43		32001	Enhanced support for user privacy and subscriber data h		No	WG SA2													
44		32025	Enhanced inter-GMLC interface		No	WG SA2													
45		32012	Support of the Presence Service Architecture		No	WG SA2													
46		32026	New events for triggered location reports		No	WG SA2													
47		20001	UE positioning	Rel6	No	TSG RAN													
48		2457	UE positioning enhancements - other methods		No	WG RAN2													
49		22002	FS on Enhancements to OTDOA Positioning using advanced blk		No	WG RAN2													
50		2475	CLARIFY (Stage 3: 0%) - Open SMLC-SRNC Interface withir	Rel6	No	WG RAN2													
51		2127	Stage 2		No	WG SA2													
52		1800	(U)SIM toolkit enhancements	NA	Yes	WG T3													
53		1802	UICC API	NA	Yes	WG T3													
54		43001	Java API Test specification		No	WG T3													
55		43003	Java API Test specification (TS 43.019 Rel-5)	Rel5	No	WG T3													
56		2031	C SIM API	Rel6	No	WG T3													
57		2032	Specification		No	WG T3													
58		2033	Test specification		No	WG T3													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
59		1571	Security enhancements	NA	No	WG SA3													
60		2026	Enhanced HE control of security (including positive authentication)	Rel6	No	WG SA3													
61		2027	Stage 2		No	WG SA3													
62		2028	FS on Network impacts		No	WG CN4													
63		33003	Rel-6 MAP application layer security	Rel6	Yes	WG SA3													
64		33004	Main aspects		No	WG SA3													
65		33005	STAGE 3 for KEY distribution		No	WG CN4													
66		1861	Miscellaneous UE Conformance Testing Activities	NA	Yes	WG T1													
67		1862	Optimisation of Test Time, RF Aspects (FDD)	Rel6	No	WG T1													
68		1863	Optimisation of Test Time, RF Aspects (TDD)	Rel6	No	WG T1													
69		1907	Extensions to R99 Test cases		No	WG T1													
70		2564	Extension to R99 Test cases - TTCN		No	WG T1													
71		2565	Creation of R99 TCs for TDD - prose		No	WG T1													
72		2566	Creation of R99 TCs for TDD - TTCN		No	WG T1													
73		1908	Review all other work items for impact on new or exiting		No	WG T1													
74		32021	IMS Phase 2	Rel6	No	WG SA1													
75		11031	IMS Stage-3 Enhancements	Rel6	No	WG CN1													
76		11032	Interoperability and Commonality between IP Multimedia and	Rel6	No	WG CN1													
77		32015	Radio optimisation impacts on PS domain architecture	Rel6	No	WG SA2													
78		2048	Interworking between IMS and IP networks	Rel6	No	WG CN3													
79		13004	Interworking for 3GPP_SIP and IETF_SIP		No	WG CN3													
80		13005	Interworking for IPv6 to IPv4		No	WG CN3													
81		2047	Interworking between IMS and CS networks	Rel6	No	WG CN3													
82		13002	ITU-T Q.1912.SIP (SIP to BICC / ISUP interworking)		Yes	WG CN3													
83		13003	ITU-T dependency on Q.2150.3 (SCTP)		No	WG CN3													
84		32005	IMS Local services	Rel6	No	WG SA2													
85		32019	Stage 2		No	WG SA2													
86		13011	Mm interface (CSCF to external IP multimedia network)	Rel6	No	WG CN3													
87		11017	CN1 part		No	WG CN1													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
88		13012	CN3 part		No	WG CN3													
89		13013	Mg interface (BGCF to MGCF - interworking with CS)	Rel6	No	WG CN3													
90		14002	Mg interface (BGCF to MGCF - interworking with CS)	Rel6	No	WG CN1													
91		13014	CN3 part		No	WG CN3													
92		14001	Mc interface (IM-MGW to MGCF) enhancements	Rel6	Yes	WG CN4													
93		31022	IMS Messaging	Rel6	No	WG SA1													
94		31023	TR on support of messaging in the IMS		No	WG SA1													
95		31024	CRs to existing 22-series specifications		No	WG SA1													
96		32700	Stage 2		No	WG SA2													
97		31025	IMS Group Management	Rel6	No	WG SA1													
98		31026	TS on IMS group management		No	WG SA1													
99		1365	Support of Push Services	Rel6	No	WG SA1													
100		31004	Stage 1		No	WG SA1													
101		32000	TR on feasibility study		No	WG SA2													
102		32701	Stage 2		No	WG SA2													
103		42009	Multimedia Messaging (MMS) enhancements	Rel6	No	WG T2													
104		42010	Definition of service requirements		No	WG SA1													
105		42011	Technical realization		No	WG T2													
106		42012	OMA dependencies		No	WG T2													
107		42013	MMS formats and codecs		No	WG SA4													
108		42005	Rel-6 MExE enhancements	Rel6	No	WG T2													
109		42006	MExE Rel-6 Improvements and Investigations		No	WG T2													
110		42007	MExE Run-Time Independent Framework Feasibility Study		No	WG T2													
111		1142	Charging and OAM&P	NA	No	WG SA5													
112		2062	Subscription Management	Rel6	No	WG SA5													
113		2330	GERAN support for IMS	TBD	No	TSG GERAN													
114		2331	GERAN Header adaptation		No	A2;TSG RAN													
115		2332	Definition of compression and removal modes for PDCP protocol		No	A2;TSG RAN													
116		2333	Conceptual description in stage 2		No	A2;TSG RAN													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
117		2334	Necessary changes on stage 3 regarding header removal		No	A2;TSG RAN													
118		2335	GERAN Radio access bearer design for IMS		No	A2;TSG RAN													
119		2422	MuM control signalling for conversational multimedia services		No	A2;TSG RAN													
120		2431	Identification of requirements		No	A2;TSG RAN													
121		2337	Necessary modifications due to SIP		No	A2;TSG RAN													
122		2341	GERAN MS Conformance test for support of IMS		No	TSG GERAN													
123		2342	MS test		No	/VG GERAN4													
124		2343	GERAN BTS Conformance test for support of IMS		No	TSG GERAN													
125		2344	BTS test		No	/VG GERAN3													
126		2345	Alignment of 3G functional split and lu	Rel5	No	TSG GERAN													
127		2346	GERAN user / control plane		No	TSG GERAN													
128		2347	Alignment with UMTS bearer concept		No	TSG GERAN													
129		50300	Enhanced power control		No	TSG GERAN													
130		2423	Stage 2		No	TSG GERAN													
131		2348	Adoption of the UTRAN PDCP		No	TSG GERAN													
132		50043	Development of RLC / MAC		No	TSG GERAN													
133		50044	Development of GERAN RRC		No	TSG GERAN													
134		50045	Ciphering and integrity protection concept paper		No	TSG GERAN													
135		50046	Multiple TBF or equivalent Concept paper		No	TSG GERAN													
136		50047	Paging concept		No	TSG GERAN													
137		50048	Dedicated Physical subchannels, includes traffic and contr		No	TSG GERAN													
138		50049	Iu support and broadcast concept		No	TSG GERAN													
139		50050	Impact of using RLC instead of LAPDm concept		No	TSG GERAN													
140		50051	Contention resolution, mobile station identity, and access c		No	TSG GERAN													
141		50052	PDCP concept		No	TSG GERAN													
142		50053	Downlink delayed TBF release		No	TSG GERAN													
143		50054	Add transparent RLC Concept		No	TSG GERAN													
144		50055	Handover concept		No	TSG GERAN													
145		2349	Development of RLC / MAC		No	/VG GERAN2													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
146		2350	Development of GERAN RRC		No	/VG GERAN2													
147		2351	Ciphering and integrity protection Concept paper		No	/VG GERAN2													
148		50302	Multiple TBF or equivalent Concept paper		No	/VG GERAN2													
149		50303	Paging concept		No	/VG GERAN2													
150		2352	Dedicated physical subchannels. Includes traffic and contrc		No	/VG GERAN1													
151		2353	Iu support and broadcast concept		No	/VG GERAN2													
152		2354	Impact of using RLC instead of LAPDm concept		No	/VG GERAN2													
153		2355	Contention resolution, mobile station identity, and access c		No	/VG GERAN2													
154		50304	PDCCP concept		No	/VG GERAN2													
155		50305	Downlink delayedTBF release		No	/VG GERAN2													
156		50306	Add transparent RLC Concept		No	/VG GERAN2													
157		50307	Handover concept		No	/VG GERAN2													
158		2424	Physical layer alignment with UMTS bearer concept		No	TSG GERAN													
159		2356	PDTCH/TCH in 45.003		No	TSG GERAN													
160		2357	Control channels in 45.003		No	TSG GERAN													
161		2358	Receiver performance in 45.005 for PDTCH/TCH and contr		No	TSG GERAN													
162		2359	Iu rg interface		No	AN;TSG RAN													
163		2425	Inter BSS interface		No	AN;TSG RAN													
164		2360	Identification of requirements		No	TSG GERAN													
165		2361	Stage 2		No	TSG GERAN													
166		2362	Adoption of relevant parts from Iur		No	TSG GERAN													
167		2363	Complementation with GERAN specifics		No	TSG GERAN													
168		2364	Stage 3		No	TSG GERAN													
169		2426	Inter BSS-RNS interface		No	AN;TSG RAN													
170		2365	Identification of requirements		No	N;WG RAN3													
171		2366	Stage 2		No	N;WG RAN3													
172		2367	Adoption of relevant parts from Iur		No	N;WG RAN3													
173		2368	Complementation with GERAN specifics		No	N;WG RAN3													
174		2369	Stage 3		No	N;WG RAN3													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
175		2370	Voice over GERAN PS and CS concept		No	N;WG RAN3													
176		2371	Architecture for A, lu cs and lu ps		No	N;WG RAN3													
177		2372	Transcoder position/operation		No	TSG GERAN													
178		2373	Handover		No	N;WG RAN3													
179		2374	RTP payload		No	N;WG RAN3													
180		2388	GERAN MS Conformance test for GERAN interface evolutio		No	TSG GERAN													
181		2389	MS test		No	TSG GERAN													
182		2390	GERAN MS Conformance test for GERAN interface evolutio		No	TSG GERAN													
183		2391	BSS test		No	TSG GERAN													
184		2499	Support of Presence Capability	Rel6	No	WG SA1													
185		2501	Stage 1		No	WG SA1													
186		2502	Stage 2		No	WG SA2													
187		2503	Stage 3		No	WG CN1													
188		2504	Security issues		No	WG SA3													
189		2505	USIM issues		No	WG T3													
190		2506	UE issues		No	WG T2													
191		31028	Presence Service Enhancements	Rel6	No	WG SA1													
192		2527	Emergency calls without UICC/SIM in netw. with II	Rel6	No	WG SA2													
193		32014	Stage 2		No	WG SA2													
194		2528	Stage 3 work for CN1		No	WG CN1													
195		50056	Enhanced A/Gb feasibility study	TBD	No	TSG GERAN													
196		50057	Feasibility study on A/Gb enhancements		No	WG GERAN2													
197		50080	Requirements for the support of conversational services		No	TSG GERAN													
198		52081	Identification of the different building blocks for the provision of		No	WG GERAN2													
199		52082	Outline of impact and feasibility of these building blocks and the		No	WG GERAN2													
200		50081	Impact on 3GPP architecture and requirement to co-ordinatge w		No	TSG GERAN													
201		50082	Standardisation effort		No	TSG GERAN													
202		50083	Dependency to other features		No	TSG GERAN													
203		50058	Multiple TBF in A/Gb mode	Rel5	No	TSG GERAN													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
204		50059	Multiple TBF in A/Gb mode		No	TSG GERAN													
205		50060	Multiple TBF Concept paper		No	TSG GERAN													
206		51001	Multiple TBF Stage 2 (43.064) CRs		No	WG GERAN1													
207		50062	Multiple TBF Stage 3 (44.060) CRs		No	WG GERAN2													
208		50106	Multiple TBF in A/Gb mode – MS testingGP-022098		No	TSG GERAN													
209		54101	MS conformance tests		No	WG GERAN4													
210		50063	Flexible Layer One for GERAN	TBD	No	TSG GERAN													
211		50064	Realisation of a Flexible Layer One		No	TSG GERAN													
212		50065	Technical Report		No	TSG GERAN													
213		51002	Architecture in 45.001 and 43.051		No	WG GERAN1													
214		51003	Multiplexing in 45.002		No	WG GERAN1													
215		51004	Channel Coding in 45.003		No	WG GERAN1													
216		51005	Performance Requirements in 45.005		No	WG GERAN1													
217		51006	Radio subsystem link control in 45.008		No	WG GERAN1													
218		52071	Requirements in 44.004		No	WG GERAN2													
219		52072	Signalling and protocol support for a Flexible Layer One		No	WG GERAN2													
220		52073	Modifications to RLC/MAC in 44.060 and 44.160		No	WG GERAN2													
221		52074	Modifications to RRC in 44.118 and 44.018		No	WG GERAN2													
222		52075	Security for a Flexible Layer One		No	WG GERAN2													
223		52076	Ciphering in 44.160,44.118, 44.060 and 44.018		No	WG GERAN2													
224		55077	GERAN MS Conformance test for the Flexible Layer One		No	WG GERAN5													
225		55078	MS Test in 51.010		No	WG GERAN5													
226		55079	GERAN BTS Conformance test for the Flexible Layer One		No	WG GERAN3													
227		53080	BTS Test in 51.021		No	WG GERAN3													
228		55080	BTS Test in 51.021		No	WG GERAN5													
229		50041	Uplink TDOA feasibility study	Rel6	No	TSG GERAN													
230		35009	Trace Management	Rel6	No	WG SA5													
231		2544	Multimedia Broadcast and Multicast Service	Rel6	No	WG SA1													
232		2545	Stage 1		No	WG SA1													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
233		32002	Stage 2		No	WG SA2													
234		32702	TR on Architectural Study		No														
235		32703	Stage 2 Specification Work		No														
236		2481	Introduction of MBMS in RAN		No	WG RAN2													
237		11030	Support of the MBMS in CN protocols		No	WG CN1													
238		50085	Support of MBMS in GERAN	Rel6	No	TSG GERAN													
239		50086	Impact on the logical and physical channels		No	TSG GERAN													
240		51085	Simultaneous support of MBMS services		No	WG GERAN1													
241		51086	Simultaneous support of MBMS and non-MBMS services		No	WG GERAN1													
242		52085	Re-synchronisation at cell change		No	WG GERAN2													
243		50087	Decision making process between point-to-point or point-to-multi		No	TSG GERAN													
244		50088	MBMS channel allocations procedures to multiple MSs		No	TSG GERAN													
245		50089	Changes to the Gb interface		No	TSG GERAN													
246		50090	GERAN specific changes to the Iu-PS interface		No	TSG GERAN													
247		50091	Interaction between MBMS and Iu-flex		No	TSG GERAN													
248		50092	Security aspects		No	TSG GERAN													
249		55091	MS conformance tests		No	WG CN5													
250		31006	Speech Recognition and Speech Enabled Services	Rel6	No	WG SA1													
251		31007	Speech Enabled Services Based on Distributed Speech Recognition		Yes	WG SA1													
252		32999	Stage 2 of DSR		No	WG SA2													
253		11021	SDP protocols extension to include DSR		No	WG CN1													
254		31008	Generic User Profile	Rel6	No	WG SA1													
255		31009	Stage 1 - Requirements		No	WG SA1													
256		42002	Stage 2 - Data description framework		No	WG T2													
257		32008	Stage 2 - Architecture		No	WG SA2													
258		42003	Stage 3 - Common objects		No	WG T2													
259		14008	Stage 3 - Network		No	WG CN4													
260		31010	Digital Rights Management	Rel6	No	WG SA1													
261		31011	Requirements		No	WG SA1													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
262		32009	Architecture		No	WG SA2													
263		33001	Security		No	WG SA3													
264		34017	Codec Aspects		No	WG SA4													
265		42004	Terminal Aspects		No	WG T2													
266		31012	FS on WLAN-UMTS Interworking	Rel6	No	WG SA1													
267		31020	Technical Report		No	WG SA1													
268		32018	WLAN Interworking – Architecture Definition		No	WG SA2													
269		32704	Security		No	WG SA3													
270		31015	Priority Service	Rel6	No	WG SA1													
271		31016	Feasibility Study		No	WG SA1													
272		31017	Stage 1 - Requirements		No	WG SA1													
273		31018	Network Sharing	Rel6	No	WG SA1													
274		31019	Technical Report		No	WG SA1													
275		32016	QoS Improvements	NA	Yes	WG SA2													
276		32017	Dynamic Policy control enhancements for end-to-end QoS	Rel6	No	WG SA2													
277		33002	Support for subscriber certificates	Rel6	No	WG SA3													
278		32705	Stage 1		No	WG SA3													
279		32706	Stage 2		No	WG SA2													
280		1637	OSA enhancements - To be merged with next one	NA	Yes	WG SA1													
281		1433	Retrieval of Terminal capabilities	Rel6	No	WG SA2													
282		1434	Stage 1		No	WG SA1													
283		1436	Stages 2 and 3		No	WG CN5													
284		2122	Provisioning of the terminal capabilities		No	WG T2													
285		2538	Interaction with other features	NA	No	WG SA1													
286		2539	Access to Presence information	Rel6	No	WG SA1													
287		2540	Access to User Profile	Rel6	No	WG SA1													
288		2541	Policy Management	Rel6	No	WG SA1													
289		15010	Rel-6 OSA enhancements	Rel6	No	WG SA1													
290		15011	Support of a Generic Network Interface Function (Stage 1		No	WG SA1													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
291		15017	Support of a Generic Network Interface Function (Stage 3)		No	WG CN5													
292		15012	Local services (Stage 1)		No	WG SA1													
293		15018	Local services (Stage 3)		No	WG CN5													
294		15013	Support for MMS Relay/Server to VASP Connectivity (Stage 1)		No	WG SA1													
295		15019	Support for MMS Relay/Server to VASP Connectivity (Stage 3)		No	WG CN5													
296		15014	Support for the Push-Service (Stage 1)		No	WG SA1													
297		15020	Support for the Push-Service (Stage 3)		No	WG CN5													
298		15015	Enhanced User Notification (Stage 1)		No	WG SA1													
299		15021	Enhanced User Notification (Stage 3)		No	WG CN5													
300		15016	Support for GUP to enable applications access to the User Interface		No	WG SA1													
301		15022	Support for GUP to enable applications access to the User Interface		No	WG CN5													
302		50101	Flow control supporting an MS with multiple data flows	Rel5	No	TSG GERAN													
303		50102	Update of stage 2 specifications		No	TSG GERAN													
304		32097	Concept document 23.060 (changes to)		No	WG SA2													
305		50103	Flow Control		No	TSG GERAN													
306		50104	Modification of BSSGP protocol		No	TSG GERAN													
307		52095	Stage 3 (changes to 48.018)		No	WG GERAN2													
308		50401	Addition of frequency bands to GSM	Rel6	No	TSG GERAN													
309		51101	Addition of frequency bands to GSM – Changes to core specifications		No	WG GERAN1													
310		51102	Changes to core specs		No	WG GERAN1													
311		54102	Addition of frequency bands to GSM – Changes for conformance testing		No	WG GERAN4													
312		54103	51.010-1 Add testing		No	WG GERAN4													
313		50130	Seamless support of streaming services in A/Gb interfaces	Rel6	No	TSG GERAN													
314		51131	Identification of requirements for streaming		No	WG GERAN1													
315		51132	Performance study of cell change mechanisms		No	WG GERAN1													
316		52131	Reduction of service interruption times and packet loss during handover		No	WG GERAN2													
317		52132	Header compression		No	WG GERAN2													
318		54131	MS conformance testing		No	WG GERAN4													
319		53131	BTS conformance testing		No	WG GERAN3													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
320		34300	Performance characterisation of default codecs for	Rel6	No	WG SA4													
321		0	----- Rel-4 features listed below -----	Rel4	No														
322		1340	Facsimile	Rel4	No	WG SA1													
323		1341	Real Time Fax		No	WG SA2													
324		1808	Terminal capabilities, AT commands		No	WG T2													
325		1343	Signalling aspects (e.g. ICM)		No	WG CN1													
326		1648	Service provision		No	WG CN3													
327		1345	Review whether service/stage 1 aspects need to be aligned		No	WG SA1													
328		1346	Review whether architecture/stage 2 aspects need to be aligned		No	WG SA2													
329		1539	Transparent End-to-End PS mobile streaming app	Rel4	No	WG SA4													
330		1818	Multimedia Messaging	Rel4	No	WG T2													
331		136	Definition of service requirements		No	WG SA1													
332		1819	Review of definition of service requirements		No	WG T2													
333		1820	Technical Realisation		No	WG T2													
334		1821	Review of definition of reference Achitecture model		No	WG T2													
335		1822	"Fulfill Requirements of Stage 1"		No	WG T2													
336		1823	Definition of MMS primitives in Stage 2		No	WG T2													
337		1541	Transcoder-Free Operation	Rel4	No	WG CN4													
338		112	OoBTC solution		No	WG CN4													
339		1512	implementation in UTRAN		No	WG RAN3													
340		896	Impact on architecture, Principles and Terminology		No	WG SA2													
341		1657	Codec Negotiation between UE and MSC		No	WG CN1													
342		115	Codec Negotiation inter MSC		No	WG CN4													
343		894	Bearer establishment inter MSC		No	WG CN4													
344		905	Speech Transcoder: Location and Control at the UMTS Co		No	WG SA2													
345		124	Transcoder at Edge		No	TSG CN													
346		2310	GERAN improvements 1 (Gb over IP)	Rel4	No	TSG GERAN													
347		2311	Gb over IP (Ip-fication of Gb)		No	TSG GERAN													
348		2312	Concept		No	TSG GERAN													































ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
349	✓	2313	Changes to 08.16, 08.18		No	TSG GERAN													
350	✓	2314	GERAN improvements 2 (NACC)	Rel4	No	TSG GERAN													
351	✓	2315	Gb enhancements		No	TSG GERAN													
352	✓	2316	Intra BSC NACC (Network Assisted Cell Change)		No	TSG GERAN													
353	✓	2420	Concept		No	TSG GERAN													
354	✓	2317	Changes in 03.64		No	TSG GERAN													
355	✓	2318	Changes in 04.60		No	TSG GERAN													
356	✓	2319	Changes in 44.008		No	TSG GERAN													
357	✓	0	Start Testing		No														
358	✓	50030	MS conformance test for Intra BSC NACC		No	TSG GERAN													
359	✓	50099	Changes in 51.010		No	TSG GERAN													
360	✓	2324	GERAN improvements 4 (Delayed TBF)	Rel4	No	TSG GERAN													
361	✓	2325	Gb enhancements 2		No	TSG GERAN													
362	✓	2429	stage 2		No	TSG GERAN													
363	✓	2421	Stage 3 (changes in 44.060)		No	WG GERAN2													
364	✓	2327	Definition of enhanced countdown procedure		No	WG GERAN2													
365	✓	2328	Definition of enhanced TBF release procedure		No	WG GERAN2													
366	✓	2329	Definition of USF=FREE type polling mechanism on PDCH		No	WG GERAN2													
367	✓	1222	Low Chip Rate TDD option	Rel4	No	WG RAN1													
368	✓	1223	Physical layer		No	WG RAN1													
369	✓	1224	Layer 2 and layer 3 protocol aspects		No	WG RAN2													
370	✓	1225	RF radio transmission/reception, system performance re		No	WG RAN4													
371	✓	1227	UE radio access capability		No	WG RAN2													
372	✓	1228	Iub/Iur protocol aspects		No	WG RAN3													
373	✓	2262	Low chiprate TDD interworking with GERAN		No														
374	✓	2263	Handover and Cell Selection / Reselection to UTRA 1.28 Mcps T		No														
375	✓	1911	Start Testing		No	MLST													
376		2103	Conformance Test Aspects - Low Chip Rate TDD		No	WG T1													
377	✓	2217	Testing Layer 2 and layer 3 protocol aspects		No	WG T1													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
378		2562	Testing Layer 2 and layer 3 protocol aspects - TTCN		No	WG T1													
379		2218	Testing RF Radio Transmission and Reception		No	WG T1													
380		1322	Enable bearer independent CS architecture	Rel4	No	WG SA2													
381		1323	Enable bearer-independent call control		No	WG CN4													
382		1516	Architecture and Stage 2 description		No	WG SA2													
383		1325	Standardisation of protocols (control & user planes) over Nb inter		No	WG CN3													
384		1326	Standardisation of protocols over reference points between MSC		No	WG CN4													
385		1616	Standardisation of detailed stage 2 description		No	WG CN4													
386		1327	Bearer control between MSC server and MGW		No	WG CN4													
387		1328	stage 3 - protocol issues		No	WG CN4													
388		1329	stage 3 - parameter value issues		No	WG CN3													
389		1331	Lawful interception		No	WG SA3													
390		1918	Start Testing		No	MLST													
391		2052	Conformance Test Aspects - Enable bearer independent		No	WG T1													
392		1445	MExE enhancements Rel-4	Rel4	No	WG T2													
393		1447	MExE Security Analysis Activity		No	WG SA3													
394		2045	Stage 3		No	WG SA3													
395		1448	Terminal aspects		No	WG T2													
396		1810	MExE Rel4 Improvements and Investigations		No	WG T2													
397		1812	3rd MExE classmark		No	WG T2													
398		1814	FS on Secure download mechanism and capabilities to support		No	WG T2													
399		1815	FS on Support of MP3/MPEG4 content		No	WG T2													
400		41003	Conformance testing of MExE capability (Feasibility study)	Rel4	No	WG T1													
401		1631	Tandem Free aspects for 3G and between 2G and	Rel4	No	WG SA4													
402		1632	Tandem Free AMR		No	WG SA4													
403		130	Specification		No	WG SA4													
404		907	Impact on:		No	TSG CN													
405		131	CN		No	TSG CN													
406		132	GERAN		No	TSG GERAN													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
407	✓	2230	Advanced Speech Call Items enhancements_REL-	Rel4	No	WG CN1													
408	✓	2232	Stage 2		No	WG CN4													
409	✓	2231	Stages 2 and 3 on A interface		No	WG CN1													
410		2403	700 MHz spectrum support	Rel4	No	TSG GERAN													
411	✓	2404	GERAN support for the 700 MHz band		No	TSG GERAN													
412	✓	2405	Signalling support		No	TSG GERAN													
413	✓	2406	Physical layer definitions		No	TSG GERAN													
414	✓	2407	Receiver performance and RF budget		No	TSG GERAN													
415	✓	2408	GERAN MS Conformance test for 700 MHz band		No	TSG GERAN													
416	✓	2409	MS test		No	TSG GERAN													
417		2410	GERAN BTS Conformance test for 700 MHz band		No	TSG GERAN													
418		2411	BTS test		No	TSG GERAN													
419	✓	2463	Operator Determined Barring for Packet Oriented	Rel4	No	TSG CN													
420		2546	UMTS QoS Architecture for PS Domain	Rel4	No	WG SA2													
421	✓	2548	Architecture		No	WG SA2													
422	✓	2550	Charging and OAM&P for QoS Management		No	WG SA5													
423		1681	RAB Quality of Service (re)Negotiation over lu		No	WG RAN3													
424	✓	1991	RAB Quality of Service Negotiation over lu		No	WG RAN3													
425	✓	2456	RAB Quality of Service Negotiation over lu during relocation		No	WG RAN3													
426	✓	1992	RAB Quality of Service Re-Negotiation over lu		No	WG RAN3													
427		1553	GERAN QoS Aspects - Handovers: maintenance of real-tir		No	TSG GERAN													
428		2306	Handover Concept for the PS domain		No	TSG GERAN													
429	✓	2309	Stable RT handover report 25.936 including header remov:		No	TSG GERAN													
430	✓	2307	Update of stage 2		No	TSG GERAN													
431	✓	2308	Update of relevant stage 3 specs -> RRC		No	WG GERAN2													
432		50010	GERAN MS Conformance test for inter-system and intra-s		No	:RAN4;RAN3													
433		50011	Handover for the PS domain		No	:RAN4;RAN3													
434		50012	Stable RT handover report 25.936 including header remov:		No	:RAN4;RAN3													
435		50013	Update of stage 2		No	:RAN4;RAN3													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
436		50014	Update of relevant stage 3 specs		No	:RAN4;RAN3													
437		1685	PS-domain handover for real-time services		No	WG RAN3													
438		2554	RAB QoS Renegotiation at Relocation		No	WG RAN3													
439		1993	small Technical Enhancements and Improvement:	Rel4	No	Generic													
440		400002	Rel-4 Evolutions of the transport in the UTRAN	NA	Yes	TSG RAN													
441		12	QoS optimisation for AAL2 connections over lub and lur i	Rel4	No	WG RAN3													
442		1995	Transport bearer modification procedure on lub, lur, and I	Rel4	No	WG RAN3													
443		401834	Conformance Test Aspects of Rel-4 evolutions of the tran:		No	WG T1													
444		2208	Testing RAB support enhancements		No	WG T1													
445		400004	Rel-4 Evolutions of the transport in the CN	NA	Yes	WG CN4													
446		859	IP Transport of CN protocols (e.g., CAP, MAP)	Rel4	No	WG CN4													
447		1679	Stage 3		No	WG CN4													
448		2018	CAP		Yes	WG CN2													
449		2019	MAP		No	WG CN4													
450		2253	BSSAP+		No	WG CN1													
451		1513	FS on Transport and control separation in the PS CN dom:	Rel4	No	WG SA2													
452		1615	Architectural impacts		No	WG SA2													
453		401216	Rel-4 Improvements of Radio Interface	NA	Yes	TSG RAN													
454		1509	UTRA repeater specification (master)	Rel4	No	WG RAN4													
455		1994	DSCH power control improvement in soft handover	Rel4	No	WG RAN1													
456		1996	UMTS 1800	pl indep	No	WG RAN4													
457		2467	UMTS 1900	pl indep	No	WG RAN4													
458		1219	FS on High Speed downlink packet access		No	WG RAN2													
459		1510	FS on improved common DL channel for Cell-FACH state		No	WG RAN2													
460		401839	Conformance Test Spec. Rel-4 improvements in Radio Int		No	WG T1													
461		2212	Testing Improved usage of downlink resource in FDD for CCTrCH		No	WG T1													
462		2213	Testing Terminal Power saving features		No	WG T1													
463		2214	Testing DSCH power control improvement in soft handover	Rel4	No	WG T1													
464		2215	Testing UMTS 1800	pl indep	No	WG T1													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
465		41000	Testing UMTS 1900	Rel4 indep	No	WG T1													
466		2561	Testing UMTS 1800 - TTCN	Rel4 indep	No	WG T1													
467		41001	Testing UMTS 1900 - TTCN	Rel4 indep	No	WG T1													
468		400009	Rel-4 RAN improvements	NA	Yes	TSG RAN													
469		655	Node B synchronisation for TDD	Rel4	No	WG RAN1													
470		2206	RAB support enhancement for Rel-4	Rel4	No	WG RAN2													
471		401912	Start Testing		No	MLST													
472		402102	Conformance Test Aspects - Rel-4 RAN Improvements		No	WG T1													
473		402222	Testing Radio access bearer support enhancements		No	WG T1													
474		402461	Testing RAB support enhancements-Robust Header Compressor	Rel4	Yes	WG T1													
475		41006	Testing RAB support enhancements-Robust Header Compressor	Rel4	Yes	WG T1													
476		41007	Testing of Extended Robut Header Compression	Rel4	No	WG T1													
477		41008	Testing of Extended Robut Header Compression - TTCN	Rel4	No	WG T1													
478		401652	Rel-4 Emergency call enhancements	NA	Yes	WG CN1													
479		1654	For CS based calls	Rel4	No	WG CN1													
480		1320	Distinction in CS domain of emergency call types to different em		No	WG SA1													
481		1999	Distinction in CS domain of emergency calls to different emerge		No	WG CN1													
482		402224	Conformance Test Aspects - Emergency call enhancements		No	WG T1													
483		2226	Testing CS based emergency calls		No	WG T1													
484		2563	Testing CS based emergency calls - TTCN		No	WG T1													
485		401826	Rel-4 Terminal interfaces	NA	Yes	WG T2													
486		1827	AT commands enhancements	Rel4	No	WG T2													
487		1828	Specification of AT commands for new services		No	WG T2													
488		1829	Wide Area Data Synchronisation	NA	Yes	WG T2													
489		1830	Continues evolution of Synchronisation protocol	Rel4	No	WG T2													
490		1832	Terminal local model	Rel4	No	WG T2													
491		401536	Rel-4 Location Services enhancements	NA	Yes	WG SA2													
492		2229	CBS interactions	Rel4	No	WG T2													
493		523	LCS support in the CS domain	Rel4	No	WG SA2													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
494		525	LCS support in the PS domain	Rel4	No	WG SA2													
495		1642	Stage 1		No	WG SA1													
496		1181	Stage 2		No	WG SA2													
497		1180	Stage 3		No	WG CN1													
498		526	Layer 3 LCS signaling UE (MS) -SGSN (UMTS PS and and		No	WG CN1													
499		2462	MAP impacts of LCS		No	WG CN4													
500		527	GTP signaling for LCS		No	WG CN4													
501		401600	UE positioning Rel-4	NA	No	TSG RAN													
502		1601	Iub/Iur interfaces for methods Rel 99	Rel4	No	WG RAN3													
503		1602	UE positioning enhancements - IPDL for TDD	Rel4	No	WG RAN2													
504		401560	Rel-4 UICC/(U)SIM enhancements and interworkin	NA	Yes	WG T3													
505		1799	Common PCN Handset Specification (CPHS)	Rel4	No	WG T3													
506		401800	Rel-4 (U)SIM toolkit enhancements	NA	Yes	WG T3													
507		2034	USAT local link	Rel4	No	WG T3													
508		401571	Rel-4 Security enhancements	NA	No	WG SA3													
509		1587	Evolution of GSM CS algorithms (e.g. A5/3 development ar	Rel4	No	WG SA3													
510		1588	Evolution of GSM PS algorithms (e.g. GEA 2 deployment)	Rel4	No	WG SA3													
511		1589	Main aspects		No	WG SA3													
512		1618	Impact on GTP		No	WG CN4													
513		1661	GEA capability indication in MS CM		No	WG CN1													
514		401583	MAP application layer security	Rel4	Yes	WG SA3													
515		401584	Main aspects		No	WG SA3													
516		402025	Other stage 3 aspects		No	WG CN4													
517		401594	CHECK STATUS - Visibility and Configurability of security	Rel5	No	WG SA3													
518		401142	Rel-4 Charging and OAM&P	NA	No	WG SA5													
519		2089	Rel4 Principles, high level Requirements and Architecture	Rel4	No	WG SA5													
520		2088	Rel4 Performance Management	Rel4	No	WG SA5													
521		2081	Fault Management	Rel4	No	WG SA5													
522		2082	Configuration Management	Rel4	No	WG SA5													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
523	✓	2083	Rel4 Charging Management	Rel4	No	WG SA5													
524	✓	2071	UTRAN Operations and Maintenance procedures	Rel4	No	WG SA5													
525	✓	1517	Global Text Telephony	Rel4	No	WG SA2	Start Testing												
526	✓	1634	Stage 1		No	WG SA1													
527	✓	1519	Stage 2		No	WG SA2													
528	✓	2234	Specification of Cellular Text telephone Modem		No	WG SA4													
529	✓	2238	General description and C-code		No	WG SA4													
530	✓	2237	Minimum Performance requirements		No	WG SA4													
531	✓	1915	Start Testing		No	MLST	Start Testing												
532	✓	1852	Conformance Test Aspects - Global Text telephony		No	WG T1													
533		0	----- Rel-5 features listed below -----	Rel5	No														
534	✓	625	IP transport in the UTRAN	Rel5	No	WG RAN3													
535	✓	2455	FS on Usage of SUA	Rel5	No	WG CN4													
536	✓	2476	High Speed Downlink Packet Access	Rel5	No	WG RAN2													
537	✓	2477	Physical Layer		No	WG RAN1													
538	✓	2478	Layer 2 and 3 aspects		No	WG RAN2													
539	✓	2479	Iub/Iur protocol aspects		No	WG RAN3													
540	✓	2480	RF Radio Transmission/ Reception, System Performance		No	WG RAN4													
541	✓	501216	Rel-5 Improvements of Radio Interface	NA	Yes	TSG RAN													
542	✓	1471	Base station classification	Rel5	No	WG RAN4													
543	✓	1477	TDD Base station classification		No	WG RAN4													
544	✓	24002	Base Station Classification for 1.28 Mcps TDD option		No	WG RAN4													
545	✓	2469	Enhancement on the DSCH hard split mode	Rel5	No	WG RAN1													
546	✓	1217	Hybrid ARQ I/II/III	Rel5	No	WG RAN2													
547	✓	1221	FS on USTS	Rel5	No	WG RAN1													
548	✓	1997	FS on UE antenna efficiency test method performance req	Rel5	No	WG RAN4													
549	✓	2494	FS on the re-introduction of the downlink SIR measureme	Rel5	No	WG RAN4													
550	✓	2493	FS on mitigating the effect of CPICH interference at the UE	Rel5	No	WG RAN4													
551		1839	Conformance Test Spec. improvements in Radio Interfac		No	WG T1													














ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
552		2210	Testing improvement of inter-frequency and inter-system measur	Rel5	No	WG T1													
553		2211	Testing Hybrid ARQ II/III	Rel5	No	WG T1													
554		500009	Rel-5 RAN improvements	NA	Yes	TSG RAN													
555		656	RRM optimization for Iur and Iub	Rel5	No	WG RAN3													
556		23000	Iur common transport channel efficiency optimisation		No	WG RAN3													
557		23001	Iur neighbouring cell reporting efficiency optimisation		No	WG RAN3													
558		23002	Introduction of direct transport bearers between SRNC and Node-		No	WG RAN3													
559		2488	RL Timing Adjustment	Rel5	No	WG RAN3													
560		2489	Separation of resource reservation and radio link activati	Rel5	No	WG RAN3													
561		23003	FS on SRNS Relocation Procedure Enhancement	Rel5	No	WG RAN3													
562		2490	FS on Improvement of Radio Resource Management across	Rel5	No	WG RAN3													
563		2491	Re-arrangements of Iub transport bearers	Rel5	No	WG RAN3													
564		22000	RAB support enhancement for Rel-5	Rel5	No	WG RAN2													
565		21001	Beamforming requirements for UE	Rel5	No	WG RAN1													
566		21002	Support of Site Selection Diversity Transmission in UTRA	Rel5	No	WG RAN1													
567		2472	Node B Synchronisation for 1.28 Mcps TDD	Rel5	No	WG RAN1													
568		1912	Start Testing		No	MLST													
569		2102	Conformance Test Aspects - RAN Improvements		No	WG T1													
570		2222	Testing Radio access bearer support enhancements		No	WG T1													
571		23004	UTRAN sharing in connected Mode	Rel5	No	WG RAN3													
572		1273	Provisioning of IP-based multimedia services	NA	No	WG SA1													
573		1274	Call control and roaming to support IMS in UMTS	Rel5	No	WG SA2													
574		1633	Stage 1		No	WG SA1													
575		1514	Stage 2 (Architecture and Main flows)		No	WG SA2													
576		1296	Impact on MM/CC/SM		No	WG CN1													
577		2233	SIP Call Control protocol for the IMS		No	WG CN1													
578		1998	IMS signalling flows		No	WG CN1													
579		1278	IMS stage 3		No	WG CN1													
580		2255	IMS Session Handling; stage 2		No	WG CN1													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
581		10004	Main IETF dependencies		No	TSG CN													
582	✓	2521	IETF: draft-ietf-sip-rfc2543bis (Session Initiation Protoc		No	WG CN1													
583	✓	2523	IETF: draft-sip-100rel		No	WG CN1													
584	✓	2522	IETF: draft-sip-manyfolks-resource (Without COMET)(Ir		No	WG CN1													
585		2524	IETF: draft-ietf-sip-privacy (SIP extensions for caller ide		No	WG CN1													
586	✓	2525	IETF: draft-ietf-sip-call-auth (SIP extensions for media		No	WG CN1													
587	✓	11000	IETF: draft-ietf-sip-events (specific event notification)		No	WG CN1													
588		11001	IETF: draft-ietf-sip-refer (refer method)		No	WG CN1													
589		11002	IETF: draft-ietf-dhc-dhcpv6 (DHCP options for SIP serve		No	WG CN1													
590		11003	IETF: draft-ietf-sip-replaces (SIP replaces header)		No	WG CN1													
591	✓	11004	IETF: draft-ietf-avt-rtp-amr (AMR and AMR WB RTP an		No	WG CN1													
592		11005	IETF: draft-ietf-mmusic-sdp-new (IPv6 support within SI		No	WG CN1													
593	✓	11022	IETF: draft-ietf-sip-update		No	WG CN1													
594		11023	IETF: draft-jennings-sipping-nai (Network Asserted Iden		No	WG CN1													
595		11024	IETF: p-header drafts for 3GPP (Various 3GPP depend		No	WG CN1													
596	✓	1290	Addressing		No	WG SA2													
597	✓	1291	Architectural issues		No	WG SA2													
598	✓	1292	Impact on HSS		No	WG CN4													
599		2530	Service Examples		Yes	WG SA1													
600		2531	IMS Framework Report		Yes	WG SA1													
601		1298	Access Security for IMS	Rel5	No	WG SA3													
602		33000	SA3 task		No	WG SA3													
603	✓	43000	IMS impacts on UICC (ISIM application)		No	WG T3													
604	✓	11014	SIP extensions for Integrity protection		No	WG CN1													
605		2574	Security Aspects of Requirement for Network Configurati	Rel5	No	WG SA3													
606		1299	Lawful interception	Rel5	Yes	WG SA3													
607	✓	35007	Charging and OAM&P for IMS	Rel5	No	WG SA5													
608		2036	Multimedia codecs and protocols for conversational PS s	Rel5	No	WG SA4													
609	✓	2039	Codecs		No	WG SA4													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
610	✓	34020	Transport protocols	Rel5	No	WG SA4													
611	✓	2040	performance characterisation of codec		Yes	WG SA4													
612	✓	34006	recommendation for QoS parameter values for various media typ		No	WG SA4													
613	✓	11025	IETF: draft-ietf-sip-digest-aka		No	WG CN1													
614	✓	11026	IETF: draft-ietf-sip-sec-agree		No	WG CN1													
615		32003	SIP message compression	Rel5	No	WG SA2													
616	✓	32004	Stage 2		No	WG SA2													
617	✓	11015	Compression signalling		No	WG CN1													
618		10001	Stage 3 description of IMS interfaces	Rel5	No	TSG CN													
619	✓	1286	Cx interface (HSS to CSCF)		No	WG CN4													
620	✓	14997	Mp interface (MRFC - MRFP) enhancements		Yes	WG CN4													
621	✓	11016	Mw interface (CSCF to P-CSCF)		No	WG CN1													
622	✓	11018	Mr interface (CSCF to MRF)		No	WG CN1													
623	✓	14003	Dx interface (I-CSCF to SLF)		Yes	WG CN4													
624	✓	13001	Go interface (GGSN to PCF)		No	WG CN3													
625	✓	11019	ISC (IMS Service Control) Interface		No	WG CN1													
626	✓	14006	Sh interface (HSS to AS)		Yes	WG CN4													
627	✓	14998	Si interface (HSS to IM-SSF)		Yes	WG CN4													
628	✓	11020	Gm interface (UE to CSCF)		No	WG CN1													
629	✓	11027	Mi interface (CSCF to BGCF)		No	WG CN1													
630	✓	11028	Mj interface (BGCF to MGCF)		No	WG CN1													
631	✓	11029	Mk interface (BGCF to BGCF)		No	WG CN1													
632	✓	1310	Support of VHE/OSA by entities and protocols of the IMS (€	Rel5	Yes	WG CN5													
633	✓	12000	CAMEL control of IMS services	Rel5	Yes	WG CN2													
634	✓	12001	Stage2 work 'general'		Yes	WG CN2													
635	✓	12002	Stage3 work 'CAP'		Yes	WG CN2													
636	✓	12003	Stage2 work 'Si interface'		Yes	WG CN2													
637	✓	12004	Stage3 work 'Si interface'		Yes	WG CN4													
638	✓	14004	SDM issues for CAMEL control of IMS		Yes	WG CN4													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
639		31002	Pre-pay/real-time charging in IMS	TBD	No	WG SA1													
640		35005	Charging	Rel5	No	WG SA5													
641		32006	Charging Implications of IMS architecture		No	WG SA2													
642		35006	Charging management for IMS (off-line & on-line)		No	WG SA5													
643		10002	Other IETF dependencies	Rel5	No	TSG CN													
644		11011	IETF: draft-ietf-aaa-diameter - should be CN4		No	TSG CN													
645		11999	IETF: draft-johansson-aaa-diameter-mm-app - should be CN4		No	TSG CN													
646		1913	Start Testing	Rel5	No	MLST													
647		1844	Conformance Test Aspects - Provisioning of IMS		No	WG T1													
648		41004	Testing of support for IMS - prose	Rel5	No	WG T1													
649		41005	Testing of support for IMS - TTCN	Rel5	No	WG T1													
650		34001	Extended Transparent End-to-End PS Streaming	Rel5	No	WG SA4													
651		34002	Stage 1		No	WG SA1													
652		34003	Stage 2 (version Rel5 of TS 26.234)		No	WG SA4													
653		34019	RTP usage model		No	WG SA4													
654		501637	Rel-5 OSA enhancements	NA	Yes	WG SA1													
655		32010	General Stage 2 for Rel5		No	WG SA2													
656		1429	OSA APIs for Multimedia Call Control	Rel5	No	WG SA2													
657		1430	Stage 1		No	WG SA1													
658		15002	(Multimedia) Call Control - Stages 2 and 3		No	WG CN5													
659		15003	Generic user interaction - Stage 3	Rel5	No	WG CN5													
660		15004	Charging - Stage 3	Rel5	No	WG CN5													
661		15007	Call Control Service Mapping; Multiparty Call Control SIP -	Rel5	No	WG CN5													
662		15999	WSDL APIs for SOAP/HTTP - Stage 3	Rel5	No	WG CN5													
663		1419	OSA security	Rel5	No	WG SA3													
664		2121	Stage 1		No	WG SA1													
665		1421	Stage 3		No	WG SA3													
666		1422	security related SCF(s) definition		No	WG CN5													
667		1423	(possibly) changes required from supporting platforms, e.g. gsmS		No	WG SA3													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
668		401424	Interactions OSA - e-commerce	Rel5	No	WG SA2													
669		1425	Stage 1		No	WG SA1													
670		1529	Stages 2 and 3		No	WG CN5													
671		15005	Policy Management - Stage 3	Rel5	No	WG CN5													
672		15006	Presence and Availability Management (PAM) - Stage 3	Rel5	No	WG CN5													
673		1786	CHECK STATUS - LCS - OSA interfaces	Rel5	No	WG SA1													
674		1787	Stage 1		No	WG SA1													
675		2124	Stage 2		No	WG SA2													
676		1788	Stage 3		No	WG CN5													
677		1638	CAMEL phase 4	Rel5	No	WG SA1													
678		1461	Service requirements		No	WG SA1													
679		2012	Call Party Handling		No	WG CN2													
680		2013	Mid call procedure for MO and MT calls		No	WG CN2													
681		2014	Interactions with Optimal Routing		No	WG CN2													
682		2015	Inclusion of flexible tone injection		No	WG CN2													
683		2016	CSE control over MT SMS		No	WG CN2													
684		2460	Notification of GPRS mobility management to CSE		No	WG CN2													
685		2458	Provision of location information of called subscriber		No	WG CN2													
686		2514	Inclusion of ODB data in the CSE_HLR interface		No	WG CN2													
687		2515	Location information during an ongoing call (Handover DP		No	WG CN2													
688		2516	GPRS Any Time Interrogation		No	WG CN2													
689		2599	Transfer of IMEI (with SW version) to CSE		No	WG CN2													
690		12005	Handling of partial implementations of CAMEL4		No	WG CN2													
691		2464	Rel-5 MExE enhancements	Rel5	No	WG T2													
692		2466	MExE Rel-5 Improvements and Investigations		No	WG T2													
693		1625	Wideband Telephony Service - AMR	Rel5	No	WG SA4													
694		62	Specification		No	WG SA4													
695		31005	Stage 1		No	WG SA1													
696		32007	Stage 2		No	WG SA4													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
697	✓	1459	Design Constraints		No	WG SA4													
698	✓	1460	General Description		No	WG SA4													
699	✓ 	1626	Feasibility Study		No	WG SA4													
700	✓ 	1656	N1 Aspects		No	WG CN1													
701	✓ 	14005	N4 work		No	WG CN4													
702		67	Codec issues		No	WG SA4													
703	✓	1627	Codec qualification		No	WG SA4													
704	✓	74	Codec selection tests		No	WG SA4													
705	✓	891	Codec selection		No	WG SA4													
706	✓	34007	TFO AMR-WB		Yes	WG SA4													
707	 	890	Other codec issues (verif., characterisation)		No	WG SA4													
708	✓	34008	AMR-WB and narrowband interworking		No	WG SA4													
709	✓	34009	Interworking with fixed broadband networks		No	WG SA4													
710	✓	34010	Tones and announcements		No	WG SA4													
711		34011	WB Conferencing and WB Voice Group calls		No	WG SA1													
712	 	34012	Billing, accounting and call detail record aspects		No	WG SA5													
713		1989	Start Testing		No	MLST													
714	✓	1855	Conformance tests (CRs to 34 series)		No	WG T1													
715	✓	76	Terminal Acoustic Characteristics		No	WG SA4													
716	✓	1628	Definition		No	WG SA4													
717	✓	1629	Test specification		No	WG SA4													
718	✓ 	34004	Floating-point ANSI-C code for the AMR-WB speech codec		No	WG SA4													
719	✓ 	80	Support of AMR-WB in GERAN: GMSK and 8PSK WB FR / H		No	TSG GERAN													
720	✓	50098	Channel coding in 45.003		No	TSG GERAN													
721	✓	2266	Signalling for the A interface		No	TSG GERAN													
722	✓	2267	Signalling for lu		No	TSG GERAN													
723	✓	2268	Receiver performance in TS 45.005		No	TSG GERAN													
724	✓	50000	Link Adaptation in 45.009		No	TSG GERAN													
725	 	2269	GERAN MS conformance test for AMR-WB		No	TSG GERAN													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
726		2270	MS test		No	TSG GERAN													
727		2271	GERAN BTS conformance test for AMR-WB		No	TSG GERAN													
728		2272	BTS test		No	TSG GERAN													
729		2573	Terminal local model enhancements	Rel5	No	WG T2													
730		1536	Rel-5 Location Services enhancements	Rel5	No	WG SA2													
731		1600	UE positioning	NA	No	TSG RAN													
732		2474	UE positioning enhancements for 1.28 Mcps TDD	Rel5	No	WG RAN2													
733		2125	Open SMLC-SRNC Interface within the UTRAN to support A-GPS	Rel5	No	WG RAN2													
734		1171	Event based and Periodic LCS	Rel5	No	WG SA1													
735		1641	Stage 1		No	WG SA1													
736		1538	Stage 2 specification		No	WG SA2													
737		1179	Impact on MAP		No	WG CN4													
738		2436	Location Services for GERAN in A/Gb Mode	Rel5	No	TSG GERAN													
739		2437	GERAN LCS Stage 2 (first release)		No	VG GERAN2													
740		2438	Gb interface support for LCS		No	TSG GERAN													
741		2440	L3 protocol support for LCS		No	TSG GERAN													
742		2441	Stage 3 specifications		No	TSG GERAN													
743		2442	Location Services for GERAN in Iu Mode	Rel5	No	TSG GERAN													
744		2443	GERAN LCS Stage 2		No	VG GERAN2													
745		2444	Iu-ps interface support for LCS		No	VG GERAN2													
746		2445	Iu-cs interface support for LCS		No	VG GERAN2													
747		2446	Iur-g interface support for LCS		No	VG GERAN2													
748		2447	RRC protocol support for LCS		No	VG GERAN2													
749		2448	Additional impacts on Broadcast of LCS data on packet channel		No	VG GERAN2													
750		2449	Stage 3 specifications		No	VG GERAN2													
751		50068	GERAN MS Conformance test for LCS		No	TSG GERAN													
752		55069	Develop LCS MS test case work plan (Release 98/99/4)		No	VG GERAN5													
753		55070	Develop LCS MS test cases		No	VG GERAN5													
754		50069	GERAN BTS Conformance test for LCS		No	TSG GERAN													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
755		55071	Develop LCS BTS test case work plan (Release 98/99/4)		No	VG GERAN5													
756		55072	Develop LCS BTS test cases		No	VG GERAN5													
757		544	LCS interoperation stage 2 aspects		No	WG SA2													
758		2434	LCS interoperability aspects to GERAN	Rel5	No	TSG GERAN													
759		2435	Co-ordinated development of GSM LCS Phase 2 and UMTS LC		No	VG GERAN1													
760		52003	Uplink TDOA feasibility study		No	VG GERAN3													
761		1183	FS on LCS support in the IMS		No	WG SA1													
762		35008	Charging and OAM&P for LCS enhancements	Rel5	No	WG SA5													
763		521	New security aspects of LCS (not identified)	Rel5	No	WG SA3													
764		32011	Specification for the Le Interface	Rel5	No	WG SA2													
765		32022	CHECK STATUS - Inter-GMLC interface		No	WG SA2													
766		501571	Rel-5 Security enhancements	NA	No	WG SA3													
767		1576	Network domain security	Rel5	Yes	WG SA3													
768		1577	Control plane protection in core network (e.g., GTP, CAP, MAP/II		No	WG SA3													
769		1578	Main aspects		No	WG SA3													
770		1579	Integration of GTP signalling security architecture		No	WG CN4													
771		1580	User plane protection in core network (e.g., provided by IPsec)		No	WG SA3													
772		1581	Main aspects		No	WG SA3													
773		1582	Integration of GTP signalling security architecture		No	WG CN4													
774		2576	IP network layer security (NDS/IP)		No	WG SA3													
775		2243	Intra Domain Connection of RAN Nodes to Multipl	Rel5	No	WG SA2													
776		2244	Overall System Architecture		No	WG SA2													
777		20000	Stage 3: RAN node selecting CN node		No	WG RAN3													
778		2248	N1 work		No	WG CN1													
779		2249	N4 work		No	WG CN4													
780		50067	GERAN work for Intra Domain Connection of RAN Nodes to	Rel5	No	TSG GERAN													
781		51068	Stage 2 (changes to)		No	VG GERAN1													
782		51069	43.051 Introduction of support for IDNNS in GERAN lu mode		No	VG GERAN1													
783		52070	Stage 3 (changes to)		No	VG GERAN2													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
784	✓	52077	48.016 Use of Gb interface concepts when a network applies IDN		No	WG GERAN2													
785	✓	52078	48.018 Include MSC/VLR identity in CS IMSI paging		No	WG GERAN2													
786		2320	GERAN improvements 3 (new transport layer on i	Rel5	No	TSG GERAN													
787		2321	Evolution of the transport for A		No	TSG GERAN													
788		2322	Definition of a new A/Ater interface Transport Layer option base		No	TSG GERAN													
789		2323	Adaptation of the Layer 3 BSSMAP procedures as required		No	TSG GERAN													
790		501142	Rel-5 Charging and OAM&P	NA	No	WG SA5													
791	✓	35002	Rel5 Principles, high level Requirements and Architecture	Rel5	No	WG SA5													
792		35003	Rel5 Performance Management	Rel5	No	WG SA5													
793		35004	Rel5 Charging Management	Rel5	No	WG SA5													
794		35001	Rel5 Network Infrastructure Management	Rel5	No	WG SA5													
795	✓	2392	GERAN enhancements for streaming services 1 (I	Rel5	No	TSG GERAN													
796	✓	2394	Concept		No	TSG GERAN													
797	✓	2395	RLC protocol enhancement (SDU Discard)		No	TSG GERAN													
798		2396	GERAN enhancements for streaming services 2 (u	Rel5	No	TSG GERAN													
799	✓	2398	Usage of ECSD Concept		No	TSG GERAN													
800	✓	2399	Stage 2		No	TSG GERAN													
801	✓	2400	Stage 3		No	TSG GERAN													
802	✓	2401	RLC PDU formats		No	TSG GERAN													
803	✓	2402	MAC header		No	TSG GERAN													
804	✓	2412	GERAN/UTRAN interface evolution 1 (evolution of	Rel5	No	N;WG RAN3													
805	✓	2413	Evolution of lu ps		No	N;WG RAN3													
806	✓	2414	Identification of GERAN requirements on lu ps		No	N;WG RAN3													
807	✓	2415	Update of specifications		No	N;WG RAN3													
808	✓	2416	GERAN/UTRAN interface evolution 2 (evolution of	Rel5	No	N;WG RAN3													
809	✓	2417	Evolution of lu cs		No	N;WG RAN3													
810	✓	2418	Identification of GERAN requirements on lu cs		No	N;WG RAN3													
811	✓	2419	Update of specifications		No	N;WG RAN3													
812		2556	End to End QoS for PS Domain including IMS	Rel5	No	WG SA2													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
813	✓	2557	E2E QoS Concept and Architecture		No	WG SA2													
814	✓	2558	E2E QoS interworking		No	WG CN3													
815	✓	2559	QoS Management (Provisioning and Monitoring)		No	WG SA5													
816	✓	2569	Messaging enhancements Rel-5	Rel5	No	WG T2													
817	✓	2571	Multimedia Messaging (MMS) enhancements		No	WG T2													
818	✓	31000	Definition of service requirements	Rel5	No	WG SA1													
819	✓	42000	Technical realization		No	WG T2													
820	✓	42008	WAP Forum dependency: MM1 stage 3		No	WG T2													
821	✓	34018	MMS formats and codecs		No	WG SA4													
822	✓	2572	Enhanced Messaging Service (EMS) enhancements		No	WG T2													
823	✓	31001	Definition of service requirements		No	WG SA1													
824	✓	42001	Technical realization		No	WG T2													
825	✓	50001	GERAN Inter BSC NACC improvements over the G	Rel5	No	TSG GERAN													
826	✓	14501	Modification of core network protocols for GERAN Inter BSC		No	TSG GERAN													
827	✓	32502	Stage 2 - Concept		No	TSG GERAN													
828	✓	14502	Stage 2 - 23.060 change - Definition of Inter BSC NACC		No	TSG GERAN													
829	✓	14503	Stage 3 (changes to TS 29.060)		No	WG CN4													
830	✓	50002	Modification of Gb protocols for GERAN Inter BSC NACC o		No	TSG GERAN													
831	✓	50003	Stage 3 (changes to TS 48.018)		No	TSG GERAN													
832	✓	50033	Enhanced Power Control	Rel5	No	TSG GERAN													
833	✓	50034	Realization of Enhanced power control and signaling supp		No	TSG GERAN													
834	✓	50035	GERAN MS Conformance test for Enhanced Power Control		No	TSG GERAN													
835	✓	50036	GERAN BTS Conformance test for Enhanced Power Control		No	TSG GERAN													
836	✓	50037	8PSK AMR HR	Rel5	No	TSG GERAN													
837	✓	50038	Definition of channel coding, performance requirements a		No	TSG GERAN													
838	✓	50061	Concept		No	TSG GERAN													
839	✓	52004	Changes to 44.018		No	WG GERAN2													
840	✓	51025	Changes to 45.001		No	WG GERAN1													
841	✓	51026	Changes to 45.002		No	WG GERAN1													

ID		Unique_I	Name	Release	Splittable	Resource Na	Qtr 2, 2002				Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
842	✓	51027	Changes to 45.003		No	WG GERAN1													
843	✓	51028	Changes to 45.005		No	WG GERAN1													
844	✓	52005	Changes to 24.008		No	WG GERAN2													
845	✓	52006	Changes to 48.058		No	WG GERAN2													
846		50039	GERAN MS Conformance test for 8PSK HR		No	TSG GERAN													
847		50040	GERAN BTS Conformance test for 8PSK HR		No	TSG GERAN													
848	✓	13000	Service Change and UDI Fallback	Rel5	No	WG CN3													
849		501800	Rel-5 (U)SIM toolkit enhancements	NA	Yes	WG T3													
850		43002	Test specification for (U)SIM toolkit security mechanims		No	WG T3													
851		1801	Protocol Standardisation of a SIM Toolkit Interpreter	Rel5	No	WG T3													
852	✓	2497	Stage 1		No	WG T3													
853	✓	2496	Stage 2 and 3		No	WG T3													
854		2518	Test specification		No	WG T3													
855		501802	UICC API	NA	Yes	WG T3													
856		502031	C SIM API	Rel5	No	WG T3													
857		502032	Specification		No	WG T3													
858		502033	Test specification		No	WG T3													
859	✓	501802	(U)SIM API	NA	Yes	WG T3													
860	✓	5043001	Java API Test specification		No	WG T3													
861	✓	30001	small Technical Enhancements and Improvement:	Rel5	No	Generic													
862		31013	Technical Report on UE Functionality Split	Rel5	No	WG SA1													
863	✓	2520	User Equipment Management	NA	No	WG SA5													
864	✓	35000	FS on User Equipment (UE) Management	Rel5	No	WG SA5													

Project: 3GPP_Work Plan
Date: Thu 26/09/02