


























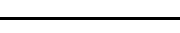
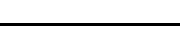


ID	Name	Splittable	Resource Name	TSG Area	WG Area	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
1	3GPP fields: indicators, Name, Ressource name, Modifi	No		No	No																									
2	"CTRL + a" to display all the 3GPP fields (move t	No		No	No																									
3																														
4																														
5	Evolutions of transport	Yes	TSG RAN	No	Yes																									
6	Evolutions of the transport in the UTRAN	Yes	TSG RAN	Yes	Yes																									
7	IP transport in the UTRAN	No	WG RAN3	No	Yes																									
8	Radio access bearer support enhancement (I	No	WG RAN2	Yes	Yes																									
9	QoS optimisation for AAL2 connections over I	No	WG RAN3	Yes	Yes																									
10	(copy) PS-domain handover for real-time serv	No	WG RAN3	Yes	Yes																									
11	Conformance Test Aspects	No	WG T1	No	No																									
12	UE Conformance test spec. changes, R4	No	WG T1	No	No																									
13	UE Conformance test spec. changes, R4	No	WG T1	No	No																									
14	Logical Test Interface, Specification, R4	No	WG RAN2	No	No																									
15	Evolutions of the transport in the CN	Yes	WG CN4	No	No																									
16	User/signalling data transport on TCP/RTP/UD	No	TSG CN	No	No																									
17	User/signalling data transport on ATM/AAL2 b	No	TSG CN	No	No																									
18	IP Transport of CN protocols (e.g., CAP, I	No	WG CN4	No	No																									
19	Stage 2	No	WG SA2	No	No																									
20	Stage 3	No	WG CN4	No	No																									
21	FS on Transport and control separation i	No	WG SA2	Yes	Yes																									
22	Stage 2	No	WG SA2	No	Yes																									
23	Stage 3	No	WG CN4	No	Yes																									
24	Evolutions of bearers in the CN	Yes	WG CN3	No	No																									
25	Multimedia domain and CS networks Interworl	No	WG CN3	No	No																									
26	Multimedia domain and IP networks Interworki	No	WG CN3	No	No																									
27	Improvements of Radio Interface	Yes	TSG RAN	Yes	Yes																									
28	(Copy) Node B synchronisation for TDD	No	WG RAN1	Yes	Yes																									
29	Improvement of inter-frequency and inter-system	No	WG RAN1	Yes	Yes																									

ID	Name	Splittable	Resource Name	TSG Area	WG Area	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 5, 2001
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
30	Base station classification	No	WG RAN4	Yes	Yes																									
31	FDD Base station classification	No	WG RAN4	Yes	Yes																									
32	TDD Base station classification	No	WG RAN4	Yes	Yes																									
33	Hybrid ARQ II/III	No	WG RAN2	Yes	Yes																									
34	Improved usage of downlink resource in FDD for C	No	WG RAN2	Yes	Yes																									
35	Terminal Power Saving features	No	WG RAN1	Yes	Yes																									
36	UTRA repeater specification (master)	No	WG RAN4	Yes	Yes																									
37	FS on Radio link performance enhancements	No	WG RAN1	Yes	Yes																									
38	FS on High Speed downlink packet access	No	WG RAN2	Yes	Yes																									
39	FS on USTS	No	WG RAN1	Yes	Yes																									
40	FS on improved common DL channel for Cell-FACH	No	WG RAN2	Yes	Yes																									
41	Conformance Test Spec. R4 improvements in Rad	No	WG T1	No	No																									
42	Low Chip Rate TDD option	No	WG RAN1	Yes	Yes																									
43	Physical layer	No	WG RAN1	Yes	Yes																									
44	Layer 2 and layer 3 protocol aspects	No	WG RAN2	Yes	Yes																									
45	RF radio transmission/reception, system performance	No	WG RAN4	Yes	Yes																									
46	UE radio access capability	No	WG RAN2	Yes	Yes																									
47	UTRAN network lub/lur protocol aspects	No	WG RAN3	Yes	Yes																									
48	Testing	No		No	No																									
49	Conformance tests for Low Chip Rate TDD	No	WG T1	No	No																									
50	Protocol Conformance tests for Low Chip Rate TDD	No	WG T1	No	No																									
51	RAN improvements	Yes	TSG RAN	Yes	Yes																									
52	Low chip rate TDD Smart antenna	No	WG RAN1	Yes	Yes																									
53	RRM optimization for lur and lub	No	WG RAN3	Yes	Yes																									
54	Node B synchronisation for TDD (Master)	No	WG RAN1	Yes	Yes																									
55	(Copy) Radio access bearer support enhancements	No	WG RAN2	Yes	Yes																									
56	Header compression removal/stripping in the RAN	No	TSG RAN	No	No																									
57	Unequal error protection in PS domain in the RAN	No	TSG RAN	No	No																									
58	Testing	No	WG T1	No	No																									

ID	Name	Splittable	Resource Name	TSG Area	WG Area	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
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
59	UE Conformance Test Spec. R4 RAN improvement	No	WG T1	No	No																									
60	UE Conformance Test Spec. R4 RAN improvement	No	WG T1	No	No																									
61	Provisioning of IP-based multimedia services	No	WG SA1	Yes	Yes																									
62	Call control and roaming to support IP-based	No	WG SA2	Yes	Yes																									
63	Stage 1	No	WG SA1	No	No																									
64	Stage 2 (Architecture and Main flows)	No	WG SA2	Yes	Yes																									
65	FS on Impacts on HSS	No	WG CN4	No	No																									
66	Stage 3 for basic calls	No	WG CN1	No	No																									
67	SIP over Gm reference point (CSCF – UE)	No	WG CN1	No	No																									
68	SIP interactions with the R4 Supl Service	No	WG CN1	No	No																									
69	Check if any	No	WG SA1	No	No																									
70	Stage 3 if applicable	No	WG CN1	No	No																									
71	SIP SS and relationship to Mg, Mw and Cx	No	WG CN4	No	No																									
72	Transparent End-to-End Packet switched mob	No	WG SA4	Yes	Yes																									
73	Multimedia Capabilities	No	WG CN1	No	No																									
74	Terminal capabilities	No	WG CN1	No	No																									
75	Terminal capabilities and Interactions on i	No	WG T2	No	No																									
76	Network capabilities	No	WG CN1	No	No																									
77	Network capabilities (N4 aspects)	No	WG CN4	No	No																									
78	CSCF – HSS (Cx) applications and service	No	WG SA2	No	No																									
79	Stage 2 flows	No	WG SA2	No	No																									
80	Impact on Camel Stage 3	No	WG CN2	No	No																									
81	Impact on MAP	No	WG CN4	No	No																									
82	Addressing, Identities	No	WG SA2	No	No																									
83	Architectural issues	No	WG SA2	No	No																									
84	Impact on HSS	No	WG CN4	No	No																									
85	Interworking	No	WG CN3	No	No																									
86	SIP interworking with other multimedia	No	WG CN3	No	No																									
87	Requirements	No	WG SA1	No	No																									

ID	Name	Splittable	Resource Name	TSG Area	WG Area	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
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
88	Impact on MM/CC/SM	No	WG CN1	No	No																									
89	Interworking with external networks	No	WG CN3	No	No																									
90	Testing	No		No	No																									
91	UE Conformance Tests for IP-Based MM services	No	WG T1	No	No																									
92	Access Security for IP-multimedia services	No	WG SA3	Yes	Yes																									
93	Lawful interception	No	WG SA3	No	No																									
94	RAN improvements and evolution of the bearers or	No	TSG RAN	No	No																									
95	(Copy1) Ensure reliable QoS for PS domain and IM	No	WG SA2	No	No																									
96	Billing, charging and management aspects for IP-ba	No	WG SA5	No	No																									
97	(Copy) AMR-WB	No	WG SA4	No	No																									
98	Roaming between IP multimedia and CS do	No	WG CN4	No	No																									
99	Roaming requirements	No	WG SA1	Yes	Yes																									
100	Stage 2	No	WG SA2	Yes	Yes																									
101	Stage 2 review	No	WG CN4	No	No																									
102	Internetwork roaming aspects	No	WG CN3	Yes	Yes																									
103	MExE and MMS interactions	No	WG T2	Yes	No																									
104	Support of VHE/OSA by R4 network entities and p	No	WG CN5	Yes	Yes																									
105	Number portability in IM subsystem	No	WG CN1	No	No																									
106	Emergency call enhancements	Yes	WG CN1	No	Yes																									
107	For IP & PS based calls	No	WG CN1	Yes	Yes																									
108	Service Requirements for IP-based emergenc	No	WG SA1	No	No																									
109	SIP emergency calls and packet emergency c	No	WG CN1	No	No																									
110	Stage 2 for emergency calls and packet emer	No	WG SA2	No	No																									
111	Distinction of emergency call types to differer	No	WG CN4	No	No																									
112	Stage 3 for emergency calls and packet emer	No	WG CN1	No	No																									
113	(Copy2) Ensure reliable QoS for PS domain ai	No	WG SA2	No	No																									
114	For CS based calls	No	WG CN1	Yes	Yes																									
115	Distinction in CS domain of emergency call ty	No	WG SA1	No	No																									
116	Emergency call recalling capability enhancem	No	WG CN1	No	No																									

ID	Name	Splittable	Resource Name	TSG Approval	WG Approval	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
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
117	Enable bearer independent CS architecture	No	WG SA2	Yes	Yes																									
118	Enable bearer-independent call control	No	WG CN4	No	Yes																									
119	Architecture and Stage 2 description on 23.82	No	WG SA2	No	No																									
120	Standardisation of protocols (control & user p	No	WG CN3	No	No																									
121	Standardisation of protocols over reference p	No	WG CN4	No	No																									
122	Standardisation of detailed stage 2 description	No	WG CN4	No	Yes																									
123	Bearer control between MSC server and	No	WG CN4	No	No																									
124	stage 3 - protocol issues	No	WG CN4	No	No																									
125	stage 3 - parameter value issues	No	WG CN3	No	No																									
126	Lawful interception	No	WG SA3	No	No																									
127	Bearer Independence and codec control issues	No	WG SA4	No	No																									
128	Testing	No		No	No																									
129	UE Conformance test spec., Bearer independent C	No	WG T1	No	No																									
130	UE Conformance test spec., Bearer independent C	No	WG T1	No	No																									
131	CS multimedia services	No	WG SA2	No	No																									
132	Stage 1	No	WG SA1	No	No																									
133	Stage 2	No	WG SA2	No	No																									
134	Circuit-switched multimedia swap and fallback	No	WG CN3	Yes	No																									
135	Call control and signalling aspects	No	WG CN1	No	No																									
136	Transport aspects	No	WG CN3	No	No																									
137	inband signalling	No	WG CN3	No	No																									
138	Testing	No		No	No																									
139	UE Conformance test spec. CS multimedia service	No	WG T1	No	No																									
140	UE Conformance test spec. CS multimedia services	No	WG T1	No	No																									
141	Facsimile	No	WG SA1	Yes	Yes																									
142	Real Time Fax	No	WG SA2	No	No																									
143	Terminal capabilities, AT commands	No	WG T2	No	No																									
144	Signalling aspects (e.g. ICM)	No	WG CN1	No	No																									
145	Service provision	No	WG CN3	No	No																									

ID	Name	Splittable	Resource Name	TSG Area	WG Area	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
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
146	Review whether service/stage 1 aspects nee	No	WG SA1	No	No																									
147	Review whether architecture/stage 2 aspects	No	WG SA2	No	No																									
148	UE Conformance test spec. Fax, Protocol	No	WG T1	No	No																									
149	Global Text telephony	No	WG SA2	Yes	Yes																									
150	Stage 1	No	WG SA1	No	No																									
151	Stage 2	No	WG SA2	No	No																									
152	Activation and transport	No	WG SA2	No	No																									
153	SIP and H.324 Activation and transport	No	WG SA2	No	No																									
154	Data Channel Activation and transport	No	WG SA2	No	No																									
155	Voice Channel Activation and transport	No	WG SA4	No	No																									
156	Selection of transport method	No	WG SA2	No	No																									
157	Interworking	No	WG CN3	No	No																									
158	Terminal Aspects	No	WG T2	Yes	No																									
159	USIM Aspects	No	WG T3	No	No																									
160	Testing	No		No	No																									
161	UE Conformance test spec. Global Text, Protocol	No	WG T1	No	No																									
162	Bearer Modification without pre-notification	No	WG SA1	Yes	Yes																									
163	Stage 1	No	WG SA1	No	No																									
164	Service Modification without pre-notification	No	WG CN3	Yes	Yes																									
165	In call modify procedure	No	WG CN1	No	No																									
166	Interworking function, TAF	No	WG CN3	No	No																									
167	Out of band Transcoder Control	No	WG CN4	No	No																									
168	AT commands	No	WG T2	No	No																									
169	Bearer Modification because of radio conditions	No	WG SA2	No	No																									
170	Testing	No		No	No																									
171	UE Conformance test spec. Bearer modification, P	No	WG T1	No	No																									
172	UE Conformance test spec. Bearer modification, T1	No	WG T1	No	No																									
173	FS on Push Services	No	WG SA2	No	No																									
174	VHE	Yes	WG SA1	Yes	Yes																									

ID	Name	Splittable	Resource Name	TSG Area	WG Area	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
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
175	Evolution of VHE concepts (Master)	Yes	WG SA2	No	No																									
176	Evolution of VHE within the PS and CS Domains	No	WG SA2	No	No																									
177	Stage 1	No	WG SA1	No	No																									
178	Stage 2	No	WG SA2	No	No																									
179	Terminal impacts	No	WG T2	No	No																									
180	Introduction of VHE within the IM subsystem	No	WG SA2	No	No																									
181	Stage 1	No	WG SA1	No	No																									
182	Interaction between SIP and VHE/OS	No	WG SA2	No	No																									
183	Stage 2	No	WG SA2	No	No																									
184	Stage 3 -MM/CC aspects	No	WG CN1	No	No																									
185	Stage 3 -other aspects	No	WG CN5	No	No																									
186	Interaction between HSS and gsmSC	No	WG SA2	No	No																									
187	Stage 2	No	WG SA2	No	No																									
188	Stage 3 -MM/CC aspects	No	WG CN1	No	No																									
189	Stage 3 - MAP aspects	No	WG CN4	No	No																									
190	Stage 3 -other aspects	No	WG CN5	No	No																									
191	Interaction between Multi Media network and VHE	No	WG SA2	No	No																									
192	Stage 2	No	WG SA2	No	No																									
193	Stage 3	No	WG CN5	No	No																									
194	User Profile Management, User Profile A	No	WG CN5	No	No																									
195	Service Continuity	No	WG SA2	No	No																									
196	Definition and requirements on VHE within a single domain	No	WG SA1	No	No																									
197	VHE architecture within a single domain	No	WG SA2	No	No																									
198	VHE interworking between domains	No	WG SA2	No	No																									
199	Personal Service Environment (PSE), user profiles	No	WG SA2	No	No																									
200	PSE architecture (e.g. HSS) and interfaces	No	WG SA2	No	No																									
201	User Profiles definition	No	WG CN4	No	No																									
202	Interaction between VHE Toolkits	No	WG SA2	No	No																									
203	Stage 1	No	WG SA1	No	No																									

ID	Name	Splittable	Resource Name	TSG Aff	WG Aff	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
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
204	Stage 2	No	WG SA2	No	No																									
205	VHE security	No	WG SA3	No	No																									
206	Requirements	No	WG SA1	No	No																									
207	Architecture definition for the different VHE tc	No	WG SA2	No	No																									
208	Review of architecture	No	WG SA3	No	No																									
209	(possibly) changes required from supporting p	No	WG SA3	No	No																									
210	OSA security	No	WG SA3	Yes	Yes																									
211	Technical requirements	No	WG SA2	No	No																									
212	Stage 3	No	WG SA3	No	No																									
213	security related SCF(s) definition	No	WG CN5	No	No																									
214	(possibly) changes required from supporting p	No	WG SA3	No	No																									
215	impact on terminal	No	WG T2	No	Yes																									
216	OSA	No	WG SA1	Yes	No																									
217	(Copy) Evolution of VHE concepts	No		No	No																									
218	Network Service Capability Features (N-SCF)	No	WG SA2	No	No																									
219	User requirements for the OSA N-SCFs	No	WG SA1	No	No																									
220	Specify the selection of SCFs within the netw	No	WG SA2	No	No																									
221	Technical requirements for the OSA N-SCFs	No	WG SA2	No	No																									
222	OSA APIs	No	WG CN5	No	No																									
223	internal OSA APIs	No	WG SA2	No	No																									
224	User requirements	No	WG SA1	No	No																									
225	Technical requirements	No	WG SA2	No	No																									
226	Stage 3	No	WG CN5	No	No																									
227	Enhancement of the Framework Service Cap	No	WG SA2	No	No																									
228	User requirements	No	WG SA1	No	No																									
229	Technical requirements	No	WG SA2	No	No																									
230	Stage 3	No	WG CN5	No	No																									
231	Harmonisation/co-ordination with non UMTS relat	No	WG CN5	No	No																									
232	LCS application interfaces (LCS-OSA) (Maste	No	WG SA1	No	No																									

ID	Name	Splittable	Resource Name	TSG Aff	WG Aff	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
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
233	Service description	No	WG SA1	No	No																									
234	Stage 2	No	WG SA2	No	No																									
235	CAMEL phase 4	Yes	WG SA1	No	No																									
236	Service requirements	No	WG SA1	No	No																									
237	CSE Initiated call setup	No	WG CN2	No	No																									
238	User Interactions during a call	No	WG CN2	No	No																									
239	Interactions with Optimal Routing	No	WG CN2	No	No																									
240	CSE control of follow-on calls	No	WG CN2	No	No																									
241	CSE control over MT SMS	No	WG CN2	No	No																									
242	CAMEL phase 5	No	WG SA1	No	No																									
243	Service requirements	No	WG SA1	No	No																									
244	CAMEL applicability to media streams like VoIP	No	WG CN2	No	No																									
245	MExE	Yes	WG T2	Yes	Yes																									
246	MExE Security	No	WG SA3	No	Yes																									
247	Terminal aspects	No	WG T2	No	No																									
248	MExE Improvements and Investigations	No	WG T2	Yes	No																									
249	Stage 3	No	WG SA3	No	No																									
250	Support of the Terminal parts of the VHE /Use	No	WG T2	Yes	No																									
251	3rd MExE classmark	No	WG T2	Yes	No																									
252	FS on AT command support	No	WG T2	Yes	No																									
253	FS on Secure download mechanism and capab	No	WG T2	Yes	No																									
254	FS on Support of MP3/MPEG4 content	No	WG T2	Yes	No																									
255	FS on Support of SAT/OSA/CAMEL interactio	No	WG T2	Yes	No																									
256	Enhanced security	No	WG T2	Yes	No																									
257	Wideband Telephony Service - AMR (Master)	No	WG SA4	Yes	No																									
258	Specification	No	WG SA4	No	No																									
259	Design Constraints	No	WG SA4	No	No																									
260	General Description	No	WG SA4	No	No																									
261	Feasibility Study	No	WG SA4	Yes	No																									

ID	Name	Splittable	Resource Name	TSG Area	WG Area	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
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
262	Codec issues	No	WG SA4	No	No																									
263	Codec qualification	No	WG SA4	Yes	No																									
264	Codec selection tests	No	WG SA4	No	No																									
265	Codec selection	No	WG SA4	No	No																									
266	Other codec issues	No	WG SA4	No	No																									
267	Conformance tests (CRs to 34 series)	No	WG T1	No	No																									
268	Terminal Acoustic Characteristics	No	WG SA4	No	No																									
269	Definition	No	WG SA4	Yes	No																									
270	Test specification	No	WG SA4	Yes	No																									
271	Implementation	No	WG SA4	No	No																									
272	In UTRAN	No	TSG RAN	No	No																									
273	In GERAN	No	TSG GERAN	No	No																									
274	In CN	No	TSG CN	No	No																									
275	Impact on N1, see notes	No	WG CN1	No	No																									
276	Transcoder-Free Operation (TrFO)	No	TSG CN	No	No																									
277	TrFO in UTRAN	No	TSG RAN	Yes	Yes																									
278	OoBTC solution	No	WG CN4	No	Yes																									
279	Impact on architecture, Principles and Terminology	No	WG SA2	No	No																									
280	Codec Negotiation between UE and MSC	No	WG CN1	Yes	No																									
281	Codec Negotiation inter MSC	No	WG CN4	No	No																									
282	Bearer establishment inter MSC	No	WG CN4	Yes	Yes																									
283	Bearer establishment between UE and RAN, .	No	WG RAN2	No	No																									
284	Bearer establishment between MSC and RNC	No	WG RAN3	No	No																									
285	Notification of the Codec mode to RAN, lu UP	No	WG RAN3	No	No																									
286	Prevention of user fraud	No	WG SA3	No	No																									
287	Speech Transcoder: Location and Control at the U	No	WG SA2	No	Yes																									
288	Transcoder at Edge	No	TSG CN	No	No																									
289	Tandem Free aspects for 3G and between 2G and 3G	No	WG SA4	No	No																									
290	Tandem Free AMR	No	WG SA4	No	No																									

ID	Name	Splittable	Resource Name	TSG Area	WG Area	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
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
291	Specification	No	WG SA4	No	No																									
292	Implementation	No	TSG CN	No	No																									
293	in CN	No	TSG CN	No	No																									
294	in UTRAN	No	TSG RAN	No	No																									
295	in GERAN	No	TSG GERAN	No	No																									
296	Multimedia Messaging	No	WG T2	Yes	No																									
297	Definition of service requirements	No	WG SA1	No	No																									
298	Review of definition of service requirements	No	WG T2	Yes	No																									
299	Review of definition	No	WG T2	No	No																									
300	Technical Realisation	No	WG T2	Yes	No																									
301	Definition of reference Architecture model	No	WG SA2	No	No																									
302	Review of definition of reference Architecture	No	WG T2	Yes	No																									
303	"Fulfill Requirements of Stage 1"	No	WG T2	Yes	No																									
304	Definition of MMS primitives in Stage 2	No	WG T2	Yes	No																									
305	Advanced Cell Broadcast (to be deleted)	No	WG T2	No	No																									
306	Service Requirements	No	WG SA1	No	No																									
307	CBC-RNC Protocol	No	WG RAN3	No	No																									
308	Terminal aspects and Technical Realisation	No	WG T2	No	No																									
309	UE Conformance test spec. Adv. Cell Broadcast, P	No	WG T1	No	No																									
310	Terminal interfaces	Yes	WG T2	No	No																									
311	AT commands	No	WG T2	No	No																									
312	Specification of AT commands for new service	No	WG T2	No	No																									
313	Alternatives to AT commands (TBD)	No	WG T2	No	No																									
314	UE Conformance test spec. AT command	No	WG T1	No	No																									
315	EMMI Specification	No	WG RAN2	No	No																									
316	Wide Area Data Synchronisation	No	WG T2	No	No																									
317	Continues evolution of Synchronisation protocol	No	WG T2	No	No																									
318	vObjects and Other Constructs for Use in Data	No	WG T2	Yes	No																									
319	UE Conformance test spec. Wide area data sync	No	WG T1	No	No																									

ID	Name	Splittable	Resource Name	TSG Area	WG Area	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
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
320	Terminal local model	No	WG T2	Yes	No																									
321	Definition of billing, charging and management (f	No	WG SA5	No	No																									
322	Definition of Architecture and Principles	No	WG SA5	No	No																									
323	Security Management (Key Administration)	No	WG SA5	No	No																									
324	Stage 2	No	WG SA5	No	No																									
325	Stage 3	No	WG SA3	No	No																									
326	Key Administration & Distribution	No	WG SA5	No	No																									
327	Co-ordination O&M messaging Specification	No	WG RAN3	No	No																									
328	Performance Management	No	WG SA5	No	No																									
329	Fault Management	No	WG SA5	No	No																									
330	Configuration Management	No	WG SA5	No	No																									
331	Charging	No	WG SA5	No	No																									
332	Call Cell Trace	No	WG SA5	No	No																									
333	GSM LCS O&M Project	No	WG SA5	No	No																									
334	Service Management	No	WG SA5	Yes	Yes																									
335	Location Services	Yes	WG SA2	Yes	Yes																									
336	FS on Geographical Area description: DEfined Ge	No	WG SA1	No	No																									
337	Event based and Periodic LCS	No	WG SA1	No	No																									
338	Stage 1	No	WG SA1	No	No																									
339	Stage 2 specification	No	WG SA2	No	No																									
340	Impact on MAP	No	WG CN4	No	No																									
341	LCS network management in UMTS	No	WG SA5	No	No																									
342	New security aspects of LCS (not identified)	No	WG SA3	No	No																									
343	LCS support in the CS domain	No	WG SA2	No	No																									
344	LCS support in the PS domain	No	WG SA2	No	No																									
345	Stage 1	No	WG SA1	No	No																									
346	Stage 2	No	WG SA2	No	No																									
347	Stage 3	No	WG CN1	No	No																									
348	Layer 3 LCS signaling UE (MS) -SGSN (UI	No	WG CN1	No	No																									

ID	Name	Splittable	Resource Name	TSG Area	WG Area	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 5, 2001
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
349	MAP signaling for LCS	No	WG CN4	No	Yes																									
350	LCS interoperation stage 2 aspects	No	WG SA2	No	No																									
351	MExE and CBS interactions	No	WG T2	No	No																									
352	Position method enhancement in UTRAN	No	TSG RAN	Yes	Yes																									
353	UE positioning in UTRA FDD	No	WG RAN2	Yes	No																									
354	UE positioning in UTRA TDD	No	WG RAN2	Yes	No																									
355	(Copy) UTRA repeater specification	No	WG RAN4	Yes	No																									
356	(Copy) LCS application interfaces (LCS-OSA)	No	WG SA1	No	No																									
357	FS on LCS support in the IM CN subsystem	No	WG SA1	No	No																									
358	Ensure reliable QoS for PS domain and IM subsystem	No	WG SA2	No	No																									
359	End-to-end QoS (re)negotiation and reservation mechanisms	No	WG SA2	No	No																									
360	End-to-end QoS (re)negotiation and reservation mechanisms	No	WG CN1	No	No																									
361	GMM and SM aspects	No	WG CN1	No	No																									
362	GTP aspects	No	WG CN4	No	No																									
363	Mapping of end to end QoS parameters on external interfaces	No	WG SA2	No	No																									
364	Impacts on N4 documents	No	WG CN4	No	No																									
365	Impacts on N3 documents	No	WG CN3	No	No																									
366	RAB Quality of Service Negotiation over Iu	No	WG RAN3	Yes	Yes																									
367	PS-domain handover for real-time services (Mastere	No	WG RAN3	Yes	Yes																									
368	Interactions between external mechanisms and UTRAN	No	WG CN3	No	No																									
369	Possible new code points in QoS IE from external	No	WG CN1	No	No																									
370	Possible new code points in QoS IE for UMTS	No	WG CN1	No	No																									
371	Mapping between the QoS UMTS point codes and	No	WG CN1	No	No																									
372	Charging aspects	No	WG SA5	No	No																									
373	Security aspects	No	WG SA3	No	No																									
374	Application aspects, multi-mode aspects	No	WG T2	No	Yes																									
375	GERAN QoS Aspects	No	TSG GERAN	No	No																									
376	Evolution of maximum SDU size	No	WG SA2	No	No																									
377	Impacts on CN protocols (e.g., GTP, MAP)	No	WG CN4	No	No																									

ID	Name	Splittable	Resource Name	TSG Area	WG Area	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
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
378	Impact on interworking over GTP e.g. PPP	No	WG CN3	No	No																									
379	Admission control function triggers	No	WG RAN3	No	No																									
380	QoS for CS services at HOs (inter-MSC and SRNS)	No	WG SA2	No	No																									
381	UTRAN aspects	No	WG RAN2	No	No																									
382	GERAN aspects	No	TSG GERAN	No	No																									
383	UICC/(U)SIM enhancements and interworking	Yes	WG T3	No	No																									
384	FS on UICC/ME Performance Enhancements	No	WG T3	Yes	No																									
385	UICC/USIM database specification	No	WG T3	Yes	Yes																									
386	Common PCN Handset Specification (CPHS)	No	WG T3	Yes	No																									
387	report on SIM/USIM Interworking	No	WG T3	Yes	Yes																									
388	(U)SIM toolkit enhancements	Yes	WG T3	No	No																									
389	Enhancements to (U)SIM toolkit secure messaging	No	WG T3	Yes	Yes																									
390	Protocol Standardisation of a SIM Toolkit Interpreter	No	WG T3	Yes	No																									
391	UICC Java API	No	WG T3	No	No																									
392	Specification	No	WG T3	No	No																									
393	Test specification	No	WG T3	Yes	No																									
394	Security enhancements	Yes	WG SA3	No	No																									
395	Protection for user plane data	Yes	WG SA3	Yes	Yes																									
396	Integrity protection in access network	No	WG SA3	No	No																									
397	Integrity protection in core network	No	WG SA3	No	No																									
398	Network based end-to-end security	No	WG SA3	No	No																									
399	Core network security	Yes	WG SA3	Yes	Yes																									
400	Control plane protection in core network	No	WG SA3	No	No																									
401	Main aspects	No	WG SA3	No	No																									
402	Integration of GTP signalling security arc	No	WG CN4	No	No																									
403	User plane protection in core network (€	No	WG SA3	No	No																									
404	Main aspects	No	WG SA3	No	No																									
405	Integration of GTP signalling security arc	No	WG CN4	No	No																									
406	MAP application layer security	No	WG SA3	No	No																									





ID	Name	Splittable	Resource Name	TSG Area	WG Area	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
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
407	Main aspects	No	WG SA3	No	No																									
408	Other stage 3 impacts	No	WG CN4	No	No																									
409	Key management for core network security	No	WG SA3	Yes	Yes																									
410	Evolution of GSM CS algorithms (e.g. A5/3 de	No	WG SA3	Yes	Yes																									
411	Evolution of GSM PS algorithms (e.g. GE	No	WG SA3	Yes	Yes																									
412	Main aspects	No	WG SA3	No	No																									
413	Impact on GTP	No	WG CN4	No	Yes																									
414	GEA capability indication in MS CM	No	WG CN1	No	No																									
415	GERAN Security	No	WG SA3	Yes	Yes																									
416	Main aspects	No	WG SA3	No	No																									
417	Production of new algorithm	No	WG SA3	No	No																									
418	Visibility and Configurability of security	No	WG SA3	Yes	Yes																									
419	FIGS	No	WG SA3	No	No																									
420	Miscellaneous security issues	No	WG SA3	Yes	Yes																									
421	Miscellaneous UE Conformance Testing Activitie	Yes	WG T1	No	No																									
422	Optimisation of Test Time, RF Aspects (FDD)	No	WG T1	No	No																									
423	Optimisation of Test Time, RF Aspects (TDD)	No	WG T1	No	No																									
424	Extensions to R99 Test cases	No	WG T1	No	No																									
425	Review all other work items for impact on new or	No	WG T1	No	No																									
426	Additional signalling tests to cover VHE, OSA, MEX	No	WG T1	No	No																									
427	Testing (to be dispatched to other features)	Yes	WG T1	No	No																									
428	R4 - Common Test Environment, 34.108	No	WG T1	No	No																									
429	R4 - Logical Test Interface, 34.109	No	WG RAN2	No	No																									
430	R4 - Radio transmission and reception (FDD)	No	WG T1	No	No																									
431	R4 improvements in the Radio interface	No	WG T1	No	No																									
432	R4 - Radio transmission and reception (TDD)	Yes	WG T1	No	No																									
433	Changes due to R4 evolution of UTRAN	No	WG T1	No	No																									
434	R4 improvements in the Radio interface	No	WG T1	No	No																									
435	Low Chip rate TTD	No	WG T1	No	No																									


ID	Name	Splittable	Resource Name	TSG Approval	WG Approval	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
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
436	R4 - Part 1, Protocol Conformance Specification	Yes	WG T1	No	No																									
437	Review all other work items for impact on ne	No	WG T1	No	No																									
438	Extensions to R99 Test cases	No	WG T1	No	No																									
439	Changes due to R4 evolution of UTRAN	No	WG T1	No	No																									
440	Low Chip rate TTD	No	WG T1	No	No																									
441	R4 RAN improvements	No	WG T1	No	No																									
442	Provisioning for IP-based multimedia services	No	WG T1	No	No																									
443	R4 Emergency call enhancements	No	WG T1	No	No																									
444	Bearer independent circuit switched networki	No	WG T1	No	No																									
445	Circuit Switched Multimedia services	No	WG T1	No	No																									
446	Facsimile	No	WG T1	No	No																									
447	Global Text Telephony	No	WG T1	No	No																									
448	Bearer modification without pre-notification	No	WG T1	No	No																									
449	Additional signalling tests to cover VHE, OSA,	No	WG T1	No	No																									
450	Advanced Cell Broadcast	No	WG T1	No	No																									
451	IP Multicast	No	WG T1	No	No																									
452	AT Commands	No	WG T1	No	No																									
453	Wide area data synchronisation	No	WG T1	No	No																									
454	UE Multiplexer	No	WG T1	No	No																									
455	Review of all other work items for impact on r	No	WG T1	No	No																									
456	R4 - Part 2, ICS Proforma Specification 34.12	No	WG T1	No	No																									
457	Changes due to R4 evolution of UTRAN	No	WG T1	No	No																									
458	R4 - Part 3, Protocol Conformance Specification (T	No	WG T1	No	No																									
459	R4 - UE EMC Conformance Requirements	No	WG T1	No	No																									
460	Changes in Global, Regulatory Standards	No	WG T1	No	No																									
461	Completion of R99 TTCN Test Cases	No	WG T1	No	No																									
462	GERAN definition (to be dispatched to other feat	Yes	TSG GERAN	No	No																									
463	Evolution of transport in UTRAN and GERAN	No	TSG GERAN	No	No																									
464	Addition of transport mechanisms other than /	No	TSG GERAN	No	No																									

ID	Name	Splittable	Resource Name	TSG Area	WG Area	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
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
465	GERAN/UTRAN interface evolution	No	TSG GERAN	No	No																									
466	Evolution of Iu-PS	No	TSG GERAN	No	No																									
467	Identification of GERAN requirements on	No	TSG GERAN	No	No																									
468	Update of specifications	No	TSG GERAN	No	No																									
469	Evolution of Iu-CS	No	TSG GERAN	No	No																									
470	Identification of GERAN requirements on	No	TSG GERAN	No	No																									
471	Update of specifications	No	TSG GERAN	No	No																									
472	Evolution of interface A	No	TSG GERAN	No	No																									
473	Identification of GERAN requirements on	No	TSG GERAN	No	No																									
474	Update of specifications	No	TSG GERAN	No	No																									
475	Low chip rate TDD for UTRAN	No	TSG GERAN	No	No																									
476	Gb over IP	No	TSG GERAN	No	No																									
477	Enhance cell reselections	No	TSG GERAN	No	No																									
478	GERAN radio interface evolution	No	TSG GERAN	No	No																									
479	Overall concept for GERAN	No	TSG GERAN	No	No																									
480	GERAN Header adaptation	No	TSG GERAN	No	No																									
481	GERAN Radio access bearer design	No	TSG GERAN	No	No																									
482	GERAN user / control plane	No	TSG GERAN	No	No																									
483	PDCP protocol design	No	TSG GERAN	No	No																									
484	RLC / MAC Specification	No	TSG GERAN	No	No																									
485	Physical layer	No	TSG GERAN	No	No																									
486	GERAN RR	No	TSG GERAN	No	No																									
487	Iu-RG interface	No	TSG GERAN	No	No																									
488	Voice over GERAN PS and CS concept	No	TSG GERAN	No	No																									
489	GERAN Narrowband speech realization	No	TSG GERAN	No	No																									
490	GERAN security	No	TSG GERAN	No	No																									
491	Working assumptions for ciphering	No	TSG GERAN	No	No																									
492	Requirements for integrity	No	TSG GERAN	No	No																									
493	Modification of UTRAN specs to be	No	TSG GERAN	No	No																									

ID	Name	Splittable	Resource Name	TSG Approval	WG Approval	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
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
494	Additional stage 3 work for GERAN	No	TSG GERAN	No	No																									
495	GERAN MS Conformance test for GERAN	No	TSG GERAN	No	No																									
496	GERAN BTS Conformance test for GERAN	No	TSG GERAN	No	No																									
497	700 MHz spectrum support	No	TSG GERAN	No	No																									
498	GERAN support for the 700 MHz band	No	TSG GERAN	No	No																									
499	GERAN MS Conformance test for 700 MHz	No	TSG GERAN	No	No																									
500	GERAN BTS Conformance test for GERAN	No	TSG GERAN	No	No																									
501	Real Time QoS for packet services including	No	TSG GERAN	No	No																									
502	HOs: maintenance of real-time QoS while	No	TSG GERAN	No	No																									
503	Wideband telephony services	No	TSG GERAN	No	No																									
504	Support of WB AMR in GERAN	No	TSG GERAN	No	No																									
505	GERAN MS Conformance test for WB AMR	No	TSG GERAN	No	No																									
506	GERAN BTS Conformance test for WB AMR	No	TSG GERAN	No	No																									
507	Location service(UMTS)	No	TSG GERAN	No	No																									
508	LCS interoperability aspects to GERAN	No	TSG GERAN	No	No																									
509	LCS in GERAN	No	TSG GERAN	No	No																									
510	GERAN LCS stage 2	No	TSG GERAN	No	No																									
511	Iur-g interface support for LCS GERAN	No	TSG GERAN	No	No																									
512	Gb, A interface support for LCS GERAN	No	TSG GERAN	No	No																									
513	Iu-cs(?), Iu-ps interface support for LCS GERAN	No	TSG GERAN	No	No																									
514	Radio Resource Management (for LCS GERAN)	No	TSG GERAN	No	No																									
515	Stage 3 specifications	No	TSG GERAN	No	No																									
516	GERAN MS Conformance test for LCS	No	TSG GERAN	No	No																									
517	GERAN BTS Conformance test for LCS	No	TSG GERAN	No	No																									

Project: 3GPP_Work Plan
Date: Fri 15/09/00

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 