

ID	Name	Resource Na	IGC	Approv	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
1	3GPP fields: indicators, Name, Acronym, Ressource nam			No																					
2	"CTRL + a" to display all the 3GPP fields (move th			No																					
3																									
4	meetings			No																					
83				No																					
84																									
85	<b>Evolution of transport</b>	<b>TSG RAN</b>	<b>BaAS</b>	<b>No</b>																					
86	<b>Evolution of the transport in the UTRAN</b>	<b>TSG RAN</b>	<b>BaAS</b>	<b>No</b>																					
87	Introduction of an option allowing an IP transpo	WG RAN3	BaAS	No																					
88	new RAB support	WG RAN3	BaAS	No																					
89	QoS optimisation for AAL2 connections	WG RAN3	BaAS	No																					
90	<b>Evolution of the transport in the CN</b>	<b>WG CN4</b>	<b>BaAS</b>	<b>No</b>																					
91	User/signalling data transport on TCP/RTP/UDP	TSG CN	BaAS	No																					
92	User/signalling data transport on ATM/AAL2 be	TSG CN	BaAS	No																					
93	Separation of call and bearer control	WG CN4	BaAS	No																					
94	IP Transport of CN protocols (e.g., CAP, MAP)	WG CN4	BaAS	No																					
95	Transport and control separation in the PS CN	WG SA2	BaAS	Yes	<a href="#">?000293.pdf</a>																				
96	<b>Evolution of bearers in the CN</b>	<b>TSG CN</b>	<b>BaAS</b>	<b>No</b>																					
97	Evolution of the bearers inside the PLMN	WG CN4	BaAS	No																					
98	Evolution of the bearers at the inter-working p	WG CN3	BaAS	No																					
99	<b>Radio Interface Improvement</b>	<b>TSG RAN</b>	<b>BaAS</b>	<b>No</b>																					
100	Hybrid ARQ (Feasibility study)	WG RAN2	BaAS	No																					
101	Improved usage of CCTrCH (Feasibility study)	WG RAN2	BaAS	No																					
102	High Speed DL packet Access (feasibility study)	WG RAN2	BaAS	No																					
103	Terminal Power Saving (Feasibility study)	WG RAN2	BaAS	No																					
104	USTS (Feasibility Study)	WG RAN2	BaAS	No																					
105	<b>Low Chip Rate TDD</b>	<b>WG RAN1</b>	<b>BaAS</b>	<b>Yes</b>	<a href="#">RP-000191</a>																				
106	Impact on physical layer	WG RAN1	BaAS	Yes	<a href="#">RP-000311</a>																				
107	Impact on layers 2 and 3	WG RAN2	BaAS	Yes	<a href="#">RP-000312</a>																				

ID	Name	Resource Name	IGC	Approved	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001					
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug				
108	RF Radio Transmission/Reception, System Performance	WG RAN1	BaAS	Yes	<a href="#">RP-000313</a>																								
109	Smart antenna	TSG RAN	BaAS	Yes	<a href="#">RP-000314</a>																								
110	UE Radio access capability	WG RAN1	BaAS	Yes	<a href="#">RP-000315</a>																								
111	UTRAN architecture aspects	WG RAN1	BaAS	Yes	<a href="#">RP-000316</a>																								
112	<b>RAN improvement</b>	<b>TSG RAN</b>	<b>BaAS</b>	<b>No</b>																									
113	RRM Support over Iub and Iur: RRM optimisation	WG RAN3	BaAS	Yes	<a href="#">RP-000310</a>																								
114	Node B synchronisation for TDD	WG RAN3	BaAS	No																									
115	Improvement of Inter-Frequency and Intersystem mobility	WG RAN2	BaAS	No																									
116	BTS classification	WG RAN2	BaAS	No																									
117	<b>Real-time QoS for packet services including VoIP</b>	<b>WG SA2</b>	<b>QoS</b>	<b>No</b>																									
118	<b>HOs: maintenance of real-time QoS support over</b>	<b>WG SA2</b>	<b>QoS</b>	<b>No</b>																									
119	<b>End-to-End multimedia QoS negotiation</b>	<b>WG SA2</b>	<b>QoS</b>	<b>No</b>																									
120	Stage 2	WG SA2	QoS	No																									
121	Stage 3	WG CN1	QoS	No																									
122	<b>New or enhanced packet handling procedure</b>	<b>WG SA2</b>	<b>QoS</b>	<b>No</b>																									
123	on QoS architecture and GPRS improvement	WG SA2	QoS	No																									
124	handover for real time services in PS domain	WG RAN3	QoS	No																									
125	on GPRS GMM and SM aspects	WG CN1	QoS	No																									
126	on GTP aspects	WG CN4	QoS	No																									
127	changes to QoS renegotiation procedure	WG CN1	QoS	No																									
128	<b>End-to-end UMTS reservation and (re-)negotiation</b>	<b>WG SA2</b>	<b>QoS</b>	<b>No</b>																									
129	Study external QoS negotiation mechanisms	WG SA2	QoS	Yes	<a href="#">S2-001188</a>																								
130	Define interactions between external QoS negotiation	WG SA2	QoS	No																									
131	Possible new code points in QoS IE from external	WG CN1	QoS	No																									
132	inclusion of UMTS QoS Architecture (23.107)	WG CN1	QoS	No																									
133	Consider issues related to charging for end-to-end	WG SA5	QoS	No																									
134	Mapping between UMTS QoS attributes and external	WG CN3	QoS	No																									
135	GERAN QoS Aspect	TSG GERAN	QoS	No																									
136	<b>QoS for signalling bearer in and out of PL</b>	<b>WG SA2</b>	<b>QoS</b>	<b>No</b>																									

ID	Name	Resource Name	IGC	Approval	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
137	Stage 2	WG SA2	QoS	No																					
138	Impact on MM/CC	WG CN1	QoS	No																					
139	Impact on MAP	WG CN4	QoS	No																					
140	<b>Non-real-time QoS for packet services</b>	<b>WG SA2</b>	<b>QoS</b>	<b>No</b>																					
141	<b>Mapping of overall end to end QoS in each ne</b>	<b>WG SA2</b>	<b>QoS</b>	<b>No</b>																					
142	Impacts on QoS profile	WG CN4	QoS	No																					
143	[For Packet as per real time QoS, see "Real Tir	WG CN3	QoS	No																					
144	<b>Evolution of maximum SDU size</b>	<b>WG SA2</b>	<b>QoS</b>	<b>No</b>																					
145	Impacts on CN protocols (e.g., GTP, MAP)	WG CN4	QoS	No																					
146	Impacts on interworking over GTP (e.g. PPP)	WG CN3	QoS	No																					
147	[End-to-end (re-)negotiation of QoS parameters: Se	WG SA2	QoS	No																					
148	[ HOs: maintenance of non real-time QoS while mo	WG SA2	QoS	No																					
149	<b>QoS for circuit switched services</b>	<b>WG SA2</b>	<b>QoS</b>	<b>No</b>																					
150	<b>HOs: support of inter-MSC change and SRNS r</b>	<b>WG SA2</b>	<b>QoS</b>	<b>No</b>																					
151	GERAN QoS Aspects	TSG GERAN	QoS	No																					
152	<b>Provisioning of IP-based multimedia services</b>	<b>WG SA1</b>	<b>CCaR</b>	<b>Yes</b>	<a href="#">SP-000216</a>																				
153	<b>Call control and roaming to support IP-based</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>Yes</b>	<a href="#">SP-000289</a>																				
154	Definition of service requirements.	WG SA1	CCaR	No																					
155	Architecture and Stage 2	WG SA2	CCaR	Yes	<a href="#">SP-000289</a>																				
156	Study on impacts on HSS	WG CN4	CCaR	No																					
157	SIP over Gm reference point (CSCF – UE)	WG CN1	CCaR	No																					
158	Check SIP support of SS defined in 22.976, Gm	WG CN1	CCaR	No																					
159	SIP SS and relationship to Mg, Mw and Cx	WG CN4	CCaR	No																					
160	<b>Multimedia Capabilities</b>	<b>WG CN1</b>	<b>CCaR</b>	<b>No</b>																					
161	N1: Terminal capabilities	WG CN1	CCaR	No																					
162	T2: Terminal capabilities	WG T2	CCaR	No																					
163	N1: Network capabilities	WG CN1	CCaR	No																					
164	N4: Network capabilities	WG CN4	CCaR	No																					
165	<b>CSCF – HSS (Cx) applications and service</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					

ID	Name	Resource Na	IGC	Approv	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
166	Stage 2 flows	WG SA2	CCaR	No																					
167	Impact on Camel Stage 3	WG CN2	CCaR	No																					
168	Impact on MAP	WG CN4	CCaR	No																					
169	<b>Addressing, Identities</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
170	Architectural issues	WG SA2	CCaR	No																					
171	Impact on HSS	WG CN4	CCaR	No																					
172	Interworking	WG CN3	CCaR	No																					
173	<b>Interworking with other multimedia protc</b>	<b>WG CN3</b>	<b>CCaR</b>	<b>No</b>																					
174	Requirements	WG SA1	CCaR	No																					
175	Impact on MM/CC/SM	WG CN1	CCaR	No																					
176	Interworking with external networks	WG CN3	CCaR	No																					
177	Access Security for IP-multimedia services	WG SA3	CCaR	Yes	<a href="#">SP-000296</a>																				
178	Lawful interception	WG SA3	CCaR	No																					
179	RAN improvements and evolution of the bearers on	TSG RAN	CCaR	No																					
180	Non-real Time QoS for packet services	WG SA2	CCaR	No																					
181	Real Time QoS for packet services including VoIP	WG SA2	CCaR	No																					
182	Billing, charging and management aspects for IP-bas	WG SA5	CCaR	No																					
183	Codec aspects for the provisioning of IP-based mult	WG SA4	CCaR	No																					
184	<b>Roaming support within and between IP Mult</b>	<b>WG CN4</b>	<b>CCaR</b>	<b>No</b>																					
185	Roaming requirements	WG SA1	CCaR	Yes	<a href="#">S1-000290</a>																				
186	Stage 2	WG SA2	CCaR	Yes	<a href="#">SP-000150</a>																				
187	Stage 2 review	WG CN4	CCaR	No																					
188	Internetwork roaming aspects	WG CN3	CCaR	No																					
189	Support of VHE/OSA by R00 network entities and p	WG CN5	CCaR	No																					
190	CAMEL control of VoIP	WG CN5	CCaR	No																					
191	<b>Emergency call enhancements</b>	<b>WG CN1</b>	<b>CCaR</b>	<b>No</b>																					
192	<b>IP &amp; PS based emergency call enhancements</b>	<b>WG CN1</b>	<b>CCaR</b>	<b>Yes</b>	<a href="#">NP-000380</a>																				
193	Service Requirements for IP-based emergency	WG SA1	CCaR	No																					
194	SIP emergency calls and packet emergency ca	WG CN1	CCaR	No																					

ID	Name	Resource No	IGC	Approv	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
195	Stage 2 for emergency calls and packet emerg	WG SA2	CCaR	No																					
196	Distinction of emergency call types to different	WG SA1	CCaR	No																					
197	Stage 3 for emergency calls and packet emerg	WG CN1	CCaR	No																					
198	<b>CS based emergency call enhancements</b>	<b>WG CN1</b>	<b>CCaR</b>	<b>No</b>	<a href="#">NP-000379</a>																				
199	Distinction of emergency call types to different	WG SA1	CCaR	No																					
200	Emergency call recalling capability enhancemei	WG CN1	CCaR	No																					
201	<b>Enable bearer independent Circuit-switched netw</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>Yes</b>	<a href="#">SP-000288</a>																				
202	<b>Enable bearer-independent call control</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
203	Architecture and Stage 2 description on 23.82	WG SA2	CCaR	No																					
204	Standardisation of protocols (user plane) over	WG CN3	CCaR	No																					
205	Standardisation of protocols over reference pc	WG CN4	CCaR	No																					
206	<b>Bearer control between MSC server and</b>	<b>WG CN4</b>	<b>CCaR</b>	<b>No</b>																					
207	Stage 2	WG CN4	CCaR	No																					
208	Stage 3	WG CN3	CCaR	No																					
209	Bearer control (control plane, e.g., Q.AAL2) be	WG CN3	CCaR	No																					
210	Lawful interception	WG SA3	CCaR	No																					
211	Bearer Independence and codec control issues	WG SA4	CCaR	No																					
212	<b>Circuit-switched multimedia services</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
213	<b>Circuit-switched multimedia swap and fallback</b>	<b>WG CN1</b>	<b>CCaR</b>	<b>Yes</b>	<a href="#">NP-000051</a>																				
214	Call control and signalling aspects	WG CN1	CCaR	No																					
215	Transport aspects	WG CN3	CCaR	No																					
216	inband signalling	WG CN3	CCaR	No																					
217	Review service/stage 1	WG SA1	CCaR	No																					
218	Review architecture/stage 2	WG SA2	CCaR	No																					
219	<b>Facsimile</b>	<b>WG SA1</b>	<b>CCaR</b>	<b>Yes</b>	<a href="#">SP-000169</a>																				
220	<b>Real Time Fax</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
221	Terminal capabilities, AT commands	WG T2	CCaR	No																					
222	Signalling aspects (e.g. ICM)	WG CN1	CCaR	No																					
223	Service provision	WG CN3	CCaR	No																					

ID	Name	Resource Na	IGC	Approv	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
224	Review whether service/stage 1 aspects need	WG SA1	CCaR	No																					
225	Review whether architecture/stage 2 aspects need	WG SA2	CCaR	No																					
226	<b>Global Text telephony</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>Yes</b>	<a href="#">SP-000290</a>																				
227	Stage 1	WG SA1	CCaR	No																					
228	Stage 2	WG SA2	CCaR	No																					
229	<b>Activation and transport</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
230	SIP and H.324 Activation and transport	WG SA2	CCaR	No																					
231	Data Channel Activation and transport	WG SA2	CCaR	No																					
232	Voice Channel Activation and transport	WG SA4	CCaR	No																					
233	Selection of transport method	WG SA2	CCaR	No																					
234	Interworking	WG CN3	CCaR	No																					
235	Terminal Aspects	WG T2	CCaR	No																					
236	USIM Aspects	WG T3	CCaR	No																					
237	<b>Bearer Modification without pre-notification</b>	<b>WG SA1</b>	<b>CCaR</b>	<b>Yes</b>	<a href="#">SP-000216</a>																				
238	<b>Bearer Modification without pre-notification</b>	<b>WG CN3</b>	<b>CCaR</b>	<b>No</b>	<a href="#">NP 000224</a>																				
239	In call modify procedure	WG CN1	CCaR	No																					
240	Interworking function, TAF	WG CN3	CCaR	No																					
241	Out of band Transcoder Control	WG CN4	CCaR	No																					
242	AT commands	WG T2	CCaR	No																					
243	Bearer Modification because of radio conditions	WG SA2	CCaR	No																					
244	<b>Push Services (Feasibility Study)</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
245	Network requested PDP context activation with Use	WG SA2	CCaR	No	<a href="#">SP-000291</a>																				
246	<b>VHE</b>	<b>WG SA1</b>	<b>CCaR</b>	<b>Yes</b>	<a href="#">SP-000216</a>																				
247	<b>Evolution of VHE concepts</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
248	<b>Introduction of VHE within the IP Multi Me</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
249	Stage 1	WG SA1	CCaR	No																					
250	Stage 2	WG SA2	CCaR	No																					
251	Terminal impacts	WG T2	CCaR	No																					
252	<b>Evolution of VHE within the Packet Switch</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					

ID	Name	Resource Na	IGC	Approv	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
253	Stage 1	WG SA1	CCaR	No																					
254	Stage 2	WG SA2	CCaR	No																					
255	Terminal impacts	WG T2	CCaR	No																					
256	<b>Service Continuity</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
257	Definition and requirements on VHE within a sin	WG SA1	CCaR	No																					
258	VHE architecture within a single domain	WG SA2	CCaR	No																					
259	VHE interworking between domains	WG SA2	CCaR	No																					
260	<b>Personal Service Environment (PSE), user pr</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
261	PSE architecture (e.g. HSS) and interfaces	WG SA2	CCaR	No																					
262	User Profiles definition	WG CN4	CCaR	No																					
263	<b>Interaction between VHE Toolkits</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
264	Stage 1	WG SA1	CCaR	No																					
265	Stage 2	WG SA2	CCaR	No																					
266	<b>VHE management aspects</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
267	Stage 1	WG SA1	CCaR	No																					
268	Stage 2	WG SA2	CCaR	No																					
269	OAM aspects	WG SA5	CCaR	No																					
270	<b>VHE security</b>	<b>WG SA3</b>	<b>CCaR</b>	<b>No</b>																					
271	Requirements	WG SA1	CCaR	No																					
272	Architecture definition for the different VHE toc	WG SA2	CCaR	No																					
273	Review of architecture	WG SA3	CCaR	No																					
274	(possibly) changes required from supporting pl	WG SA3	CCaR	No																					
275	<b>OSA</b>	<b>WG SA1</b>	<b>CCaR</b>	<b>Yes</b>	<a href="#">SP-000216</a>																				
276	<b>Evolution of OSA concepts</b>	<b>WG SA1</b>	<b>CCaR</b>	<b>No</b>																					
277	<b>Introduction of OSA within the IP Multi Me</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
278	Stage 1	WG SA1	CCaR	No																					
279	Stage 2	WG SA2	CCaR	No																					
280	<b>Evolution of OSA within the Packet Switcl</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
281	Stage 1	WG SA1	CCaR	No																					

ID	Name	Resource Na	IGC	Approv	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
282	Stage 2	WG SA2	CCaR	No																					
283	<b>Integration of OSA within IM domain</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
284	Requirements	WG SA2	CCaR	No																					
285	<b>Interaction between SIP and OSA</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
286	Stage 2	WG SA2	CCaR	No																					
287	Stage 3 -MM/CC aspects	WG CN1	CCaR	No																					
288	Stage 3 -other aspects	WG CN5	CCaR	No																					
289	<b>Interaction between HSS and gsmSCF feature</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
290	Stage 2	WG SA2	CCaR	No																					
291	Stage 3 -MM/CC aspects	WG CN1	CCaR	No																					
292	Stage 3 - MAP aspects	WG CN4	CCaR	No																					
293	Stage 3 -other aspects	WG CN5	CCaR	No																					
294	<b>Interaction between Multi Media network res</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
295	Stage 2	WG SA2	CCaR	No																					
296	Stage 3	WG CN5	CCaR	No																					
297	User Profile Management, User Profile Access	WG CN5	CCaR	No																					
298	<b>OSA security</b>	<b>WG SA3</b>	<b>CCaR</b>	<b>No</b>	<a href="#">SP-000302</a>																				
299	Technical requirements	WG SA2	CCaR	No																					
300	Stage 3	WG SA3	CCaR	No																					
301	security related SCF(s) definition	WG CN5	CCaR	No																					
302	(possibly) changes required from supporting pl	WG SA3	CCaR	No																					
303	<b>Network Service Capability Features (N-SCFs)</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
304	User requirements for the OSA N-SCFs	WG SA1	CCaR	No																					
305	Specify the selection of SCFs within the netwo	WG SA2	CCaR	No																					
306	Technical requirements for the OSA N-SCFs	WG SA2	CCaR	No																					
307	OSA APIs	WG CN5	CCaR	No																					
308	<b>internal OSA APIs</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
309	User requirements	WG SA1	CCaR	No																					
310	Technical requirements	WG SA2	CCaR	No																					



ID	Name	Resource Na	IGC	Approv	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
311	Stage 3	WG CN5	CCaR	No																					
312	<b>Enhancement of the Framework Service Capa</b>	<b>WG SA2</b>	<b>CCaR</b>	<b>No</b>																					
313	User requirements	WG SA1	CCaR	No																					
314	Technical requirements	WG SA2	CCaR	No																					
315	Stage 3	WG CN5	CCaR	No																					
316	Harmonisation/co-ordination with non UMTS related	WG CN5	CCaR	No																					
317	<b>CAMEL phase 4</b>	<b>WG SA1</b>	<b>CCaR</b>	<b>No</b>																					
318	Service requirements	WG SA1	CCaR	No																					
319	CAMEL applicability to media streams (e.g. VoIP)	WG CN2	CCaR	No																					
320	CSE Initiated call setup	WG CN2	CCaR	No																					
321	User Interactions during a call	WG CN2	CCaR	No																					
322	Interactions with Optimal Routing	WG CN2	CCaR	No																					
323	CSE control of follow-on calls	WG CN2	CCaR	No																					
324	CSE control over MT SMS	WG CN2	CCaR	No																					
325	<b>MExE</b>	<b>WG T2</b>	<b>CCaR</b>	<b>Yes</b>	<a href="#">TP-000117</a>																				
326	3rd MExE classmark	WG T2	CCaR	No																					
327	<b>MExE Security</b>	<b>WG SA3</b>	<b>CCaR</b>	<b>No</b>	<a href="#">SP-000303</a>																				
328	Terminal aspects	WG T2	CCaR	No																					
329	Stage 3	WG SA3	CCaR	No																					
330	Support of the Terminal parts of the VHE /User Profi	WG T2	CCaR	No																					
331	AT command support (Feasibility Study)	WG T2	CCaR	No																					
332	Secure download mechanism and capabilities to su	WG T2	CCaR	No																					
333	Support of MP3/MPEG4 content (Feasibility Study)	WG T2	CCaR	No																					
334	Support of SAT/OSA/CAMEL interaction to provide	WG T2	CCaR	No																					
335	<b>Wideband Telephony Service - AMR</b>	<b>WG SA4</b>	<b>Cod</b>	<b>No</b>																					
336	<b>Specification</b>	<b>WG SA4</b>	<b>Cod</b>	<b>No</b>																					
337	Design Constraints	WG SA4	Cod	No																					
338	General Description	WG SA4	Cod	No																					
339	Feasibility Study	WG SA4	Cod	No																					

ID	Name	Resource Na	IGC	Approv	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
340	<b>Codec issues</b>	<b>WG SA4</b>	<b>Cod</b>	<b>No</b>																					
341	Codec qualification	WG SA4	Cod	No																					
342	Codec selection tests	WG SA4	Cod	No																					
343	Codec selection	WG SA4	Cod	No																					
344	Other codec issues	WG SA4	Cod	No																					
345	Conformance tests (CRs to 34 series)	WG T1	Cod	No																					
346	<b>Terminal Acoustic Characteristics</b>	<b>WG SA4</b>	<b>Cod</b>	<b>No</b>																					
347	Definition	WG SA4	Cod	No																					
348	Review of definition	WG T1	Cod	No																					
349	Test specification	WG SA4	Cod	No																					
350	Review of Test specification	WG T1	Cod	No																					
351	<b>Implementation</b>	<b>WG SA4</b>	<b>Cod</b>	<b>No</b>																					
352	In UTRAN	TSG RAN	Cod	No																					
353	In GERAN	TSG GERAN	Cod	No																					
354	<b>In CN</b>	<b>TSG CN</b>	<b>Cod</b>	<b>No</b>																					
355	Impact on N1	TSG CN	Cod	No																					
356	<b>Transcoder-Free Operation (TrFO)</b>	<b>WG SA4</b>	<b>Cod</b>	<b>No</b>																					
357	<b>Specification</b>	<b>TSG CN</b>	<b>Cod</b>	<b>No</b>																					
358	Impact on MM/CC/SM	WG CN1	Cod	No																					
359	User & Control Plane procedures related to the	WG RAN3	Cod	No																					
360	Prevention of user fraud	WG SA3	Cod	No																					
361	Specification of Codecs list	WG SA4	Cod	No																					
362	Harmonisation between TFO and TrFO	WG CN4	Cod	No																					
363	<b>OoBTC solution</b>	<b>TSG CN</b>	<b>Cod</b>	<b>No</b>																					
364	Impact on architecture	WG SA2	Cod	No																					
365	Codec Negotiation between UE and MSC	WG CN1	Cod	Yes	<a href="#">NP-000085</a>																				
366	Codec Negotiation inter MSC	WG CN4	Cod	No																					
367	Bearer establishment inter MSC	WG CN4	Cod	Yes	<a href="#">NP-000127</a>																				
368	Bearer establishment between UE and RAN, T	WG RAN2	Cod	No																					

ID	Name	Resource Na	IGC	Approv	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 200	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
369	Bearer establishment between MSC and RNC ε	WG RAN3	Cod	No																					
370	Notification of the Codec mode to RAN, lu UP c	WG RAN3	Cod	No																					
371	<b>Support of Transcoder in CN</b>	<b>TSG CN</b>	<b>Cod</b>	<b>No</b>																					
372	Speech Transcoder: Location and Control at the UM	WG SA2	Cod	No	<a href="#">S2-99352</a>																				
373	Transcoder at Edge	TSG CN	Cod	No																					
374	<b>Tandem Free aspects for 3G and between 2G and</b>	<b>TSG CN</b>	<b>Cod</b>	<b>No</b>																					
375	<b>Tandem Free AMR</b>	<b>TSG CN</b>	<b>Cod</b>	<b>No</b>																					
376	Specification	WG SA4	Cod	No																					
377	<b>Implementation</b>	<b>TSG CN</b>	<b>Cod</b>	<b>No</b>																					
378	in CN	TSG CN	Cod	No																					
379	in UTRAN	TSG RAN	Cod	No																					
380	in GERAN	TSG GERAN	Cod	No																					
381	<b>Transmission planning in 3G networks</b>	<b>TSG RAN</b>	<b>Cod</b>	<b>No</b>																					
382	Impact on UTRAN	TSG RAN	Cod	No																					
383	<b>Multimedia Messaging</b>	<b>WG T2</b>	<b>Mes</b>	<b>No</b>	<a href="#">TP-000078</a>																				
384	<b>Service Requirements</b>	<b>WG SA1</b>	<b>Mes</b>	<b>No</b>																					
385	Definition of requirements	WG SA1	Mes	No																					
386	Review of definition	WG T2	Mes	No																					
387	<b>Technical Realisation</b>	<b>WG T2</b>	<b>Mes</b>	<b>No</b>																					
388	Definition of reference Achitecture model	WG SA2	Mes	No																					
389	Review of definition of reference Achitecture n	WG T2	Mes	No																					
390	"Fulfill Requirements of Stage 1"	WG T2	Mes	No																					
391	Definition of MMS primitives in Stage 2	WG T2	Mes	No																					
392	<b>Advanced Cell Broadcast</b>	<b>WG SA2</b>	<b>Mes</b>	<b>No</b>																					
393	Service Requirements	WG SA1	Mes	No																					
394	CBC-RNC Protocol	WG RAN3	Mes	No																					
395	Terminal aspects	WG T2	Mes	No																					
396	<b>IP Multicast</b>	<b>WG SA1</b>	<b>Mes</b>	<b>No</b>																					
397	Service Requirements	WG SA1	Mes	No																					

ID	Name	Resource Na	IGC	Approv	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
398	<b>AT commands</b>	<b>WG T2</b>	<b>Ter</b>	<b>No</b>																					
399	Edge AT commands	WG T2	Ter	No																					
400	MMS AT commands	WG T2	Ter	No																					
401	other AT commands	WG T2	Ter	No																					
402	Alternatives to AT commands (TBD)	WG T2	Ter	No																					
403	<b>Wide Area Data Synchronisation</b>	<b>WG T2</b>	<b>Ter</b>	<b>No</b>																					
404	Continues evolution of Synchronisation protocol	WG T2	Ter	No																					
405	vObjects and Other Constructs for Use in Data Syn	WG T2	Ter	Yes	<a href="#">TP-000079</a>																				
406	<b>UE Multiplexer</b>	<b>WG T2</b>	<b>Ter</b>	<b>No</b>																					
407	Multiplexing protocol (simultaneous sessions over L	WG T2	Ter	No																					
408	UICC/ME Performance Enhancements (Feasibility Study)	WG T3	Ter	No																					
409	Terminal local model	WG T2	Ter	No	<a href="#">TP-000080</a>																				
410	<b>UICC Java API</b>	<b>WG T3</b>	<b>Ter</b>	<b>No</b>																					
411	Specification	WG T3	Ter	No																					
412	Test specification	WG T3	Ter	No																					
413	UICC/USIM database specification	WG T3	Ter	Yes	<a href="#">TP-99210</a>																				
414	Common PCN Handset Specification (CPHS)	WG T3	Ter	Yes	<a href="#">TP-000116</a>																				
415	<b>(U)SIM toolkit</b>	<b>WG T3</b>	<b>Ter</b>	<b>No</b>																					
416	Enhancements to (U)SIM toolkit secure messaging	WG T3	Ter	Yes	<a href="#">TP-000116</a>																				
417	Protocol Standardisation of a SIM Toolkit Interpreter	WG T3	Ter	Yes	<a href="#">TP-000116</a>																				
418	SIM/USIM Interworking	WG T3	Ter	Yes	<a href="#">TP-000116</a>																				
419	<b>Protection for user plane data</b>	<b>WG SA3</b>	<b>Sec</b>	<b>Yes</b>	<a href="#">SP-000298</a>																				
420	Integrity protection in access network	WG SA3	Sec	No																					
421	Integrity protection in core network	WG SA3	Sec	No																					
422	Network based end-to-end security	WG SA3	Sec	No																					
423	<b>Core network security</b>	<b>WG SA3</b>	<b>Sec</b>	<b>Yes</b>	<a href="#">SP-000299</a>																				
424	<b>Control plane protection in core network (e.g.</b>	<b>WG SA3</b>	<b>Sec</b>	<b>No</b>																					
425	Main aspects	WG SA3	Sec	No																					
426	Integration of GTP signalling security architect.	WG CN4	Sec	No																					

ID	Name	Resource No	IGC	Approv	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
427	<b>User plane protection in core network (e.g., p</b>	<b>WG SA3</b>	<b>Sec</b>	<b>No</b>																					
428	Main aspects	WG SA3	Sec	No																					
429	Integration of GTP signalling security architectu	WG CN4	Sec	No																					
430	<b>MAP application layer security</b>	<b>WG SA3</b>	<b>Sec</b>	<b>No</b>																					
431	Main aspects	WG SA3	Sec	No																					
432	Other stage 3 impacts	WG CN4	Sec	No																					
433	Key management for core network security	WG SA3	Sec	Yes	<a href="#">SP-000301</a>																				
434	Evolution of GSM CS algorithms (e.g. A5/3 development :	WG SA3	Sec	No	<a href="#">SP-000306</a>																				
435	<b>Evolution of GSM PS algorithms (e.g. GEA 2 deplo</b>	<b>WG SA3</b>	<b>Sec</b>	<b>No</b>	<a href="#">SP-000307</a>																				
436	Main aspects	WG SA3	Sec	No																					
437	GEA capability indication in MS CM	WG SA3	Sec	No																					
438	<b>GERAN Security</b>	<b>WG SA3</b>	<b>Sec</b>	<b>Yes</b>	<a href="#">SP-000308</a>																				
439	Main aspects	WG SA3	Sec	No																					
440	Production of new algorithm	WG SA3	Sec	No																					
441	Visibility and Configurability of security	WG SA3	Sec	Yes	<a href="#">SP-000305</a>																				
442	FIGS	WG SA3	Sec	No																					
443	General Security Enhancements	WG SA3	Sec	No	<a href="#">SP-000310</a>																				
444	<b>Definition of billing, charging and management</b>	<b>WG SA5</b>	<b>BCaM</b>	<b>No</b>																					
445	<b>Definition of Architecture and Principles</b>	<b>WG SA5</b>	<b>BCaM</b>	<b>No</b>																					
446	Key Administration & Distribution	WG SA5	BCaM	No																					
447	Co-ordination O&M messaging Specification	WG RAN3	BCaM	No																					
448	Performance Management	WG SA5	BCaM	No																					
449	Fault Management	WG SA5	BCaM	No																					
450	Configuration Management	WG SA5	BCaM	No																					
451	Charging	WG SA5	BCaM	No																					
452	Call Cell Trace	WG SA5	BCaM	No																					
453	<b>Security Management (Key Administration an</b>	<b>WG SA5</b>	<b>BCaM</b>	<b>No</b>																					
454	Stage 2	WG SA5	BCaM	No																					
455	Stage 3	WG SA3	BCaM	No																					

ID	Name	Resource No	IGC	Approv	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
456	GSM LCS O&M Project	WG SA5	BCaM	No																					
457	Service Management	WG SA5	BCaM	Yes	<a href="#">SP-000223</a>																				
458	<b>Support of Localized Service Area (SoLSA)</b>	<b>WG SA1</b>	<b>Loc</b>	<b>No</b>	<a href="#">SP-000216</a>																				
459	<b>Basic concept of SoLSA (broadcast LSA ids, z</b>	<b>WG SA1</b>	<b>Loc</b>	<b>No</b>																					
460	Development of SoLSA service descriptions	WG SA1	Loc	No																					
461	LSA definition	WG SA1	Loc	No																					
462	LSA selection	WG SA1	Loc	No																					
463	LSA information broadcast	WG RAN2	Loc	No																					
464	Iu signalling support for SoLSA	WG RAN3	Loc	No																					
465	Possible Iur signalling support for SoLSA	WG RAN3	Loc	No																					
466	Possible Iub signalling support for SoLSA	WG RAN3	Loc	No																					
467	Adapt GSM stage 2 SoLSA for UTRAN	WG SA2	Loc	No																					
468	Adapt SoLSA core network CRs in CN WGs	TSG CN	Loc	No																					
469	SoLSA specifications for UTRAN in RAN WGs	TSG RAN	Loc	No																					
470	Adapt SoLSA UE and USIM specifications in T \	TSG T	Loc	No																					
471	Study the usage of geographical information fc	WG SA1	Loc	No																					
472	Localized Service Area (LSA) indication	WG SA1	Loc	No																					
473	Preferential access (cell access priority for LSA us	WG SA1	Loc	No																					
474	Idle mode support (favouring LSA cells in idle mode	WG SA1	Loc	No																					
475	Active mode support (favouring LSA cells in active	WG SA1	Loc	No																					
476	Exclusive access (private cells)	WG SA1	Loc	No																					
477	LSA only access (type cordless or WLL)	WG SA1	Loc	No																					
478	GERAN-SoLSA and UTRAN-SoLSA interoperation	WG SA2	Loc	No																					
479	<b>Location Services</b>	<b>WG SA2</b>	<b>Loc</b>	<b>No</b>	<a href="#">SP-000292</a>																				
480	<b>Geographical Area description: DEfined Geogr</b>	<b>WG SA1</b>	<b>Loc</b>	<b>No</b>																					
481	Stage 1	WG SA1	Loc	No																					
482	Stage 2	WG SA2	Loc	No																					
483	<b>LCS quality level request (QOL)</b>	<b>WG SA1</b>	<b>Loc</b>	<b>No</b>																					
484	Stage 1	WG SA1	Loc	No																					






ID	Name	Resource Na	IGC	Approv	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
485	Stage 3	WG RAN2	Loc	No					—————																
486	<b>Event based and Periodic LCS</b>	<b>WG SA1</b>	<b>Loc</b>	<b>No</b>					◆—————◆																
487	Stage 1	WG SA1	Loc	No					—————																
488	<b>Stage 2</b>	<b>WG SA2</b>	<b>Loc</b>	<b>No</b>					◆—————◆																
489	Specification	WG SA2	Loc	No					—————																
490	Review	WG RAN2	Loc	No					—————																
491	<b>Stage 3</b>	<b>WG RAN2</b>	<b>Loc</b>	<b>No</b>					◆—————◆																
492	Impact on MAP	WG CN4	Loc	No					—————																
493	Impact on UTRAN	WG RAN2	Loc	No					—————																
494	LCS network management	WG SA5	Loc	No		—————																			
495	Security aspects of LCS	WG SA3	Loc	No																					
496	LCS support in the core network CS domain	WG CN4	Loc	No		—————																			
497	<b>LCS support in the core network PS domain</b>	<b>WG SA2</b>	<b>Loc</b>	<b>No</b>					◆—————◆																
498	Stage 1	WG SA1	Loc	No					—————																
499	Stage 2	WG SA2	Loc	No					—————																
500	<b>Stage 3</b>	<b>WG CN1</b>	<b>Loc</b>	<b>No</b>					◆—————◆																
501	Layer 3 LCS signaling UE (MS) -SGSN (UM)	WG CN1	Loc	No					—————																
502	MAP signaling for LCS	WG CN4	Loc	No					—————																
503	<b>LCS support in the IM CN subsystem</b>	<b>WG SA2</b>	<b>Loc</b>	<b>No</b>					◆—————◆																
504	Stage 1	WG SA1	Loc	No					—————																
505	Stage 2	WG SA2	Loc	No					—————																
506	Stage 3	WG CN4	Loc	No					—————																
507	Iu interface support for LCS	WG RAN3	Loc	No		—————																			
508	<b>Advanced LCS methods</b>	<b>TSG RAN</b>	<b>Loc</b>	<b>No</b>					◆—————◆																
509	LCS signaling UE-SRNC (TDD&FDD)	WG RAN2	Loc	No					—————																
510	Location measurements FDD	WG RAN1	Loc	No					—————																
511	Iur and Iub support for LCS measurements +res	WG RAN3	Loc	No					—————																
512	Stage 3 specifications on assistance data	WG RAN2	Loc	No					—————																
513	<b>LCS interoperation aspects</b>	<b>WG SA2</b>	<b>Loc</b>	<b>No</b>					◆—————◆																




ID	Name	Resource No	IGC	Approv	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
514	Co-ordinated development of GSM LCS Phase 2	WG SA2	Loc	No																					
515	Common LCS System and CN stage 2 specifica	WG SA2	Loc	No																					
516	<b>LCS application interfaces (LCS-OSA)</b>	<b>WG SA1</b>	<b>Loc</b>	<b>No</b>																					
517	Service description	WG SA1	Loc	No																					
518	Stage 2	WG SA2	Loc	No																					
519	<b>Possible enhancements in MeXE support</b>	<b>WG SA1</b>	<b>Loc</b>	<b>No</b>																					
520	Impact on S1	WG SA1	Loc	No																					
521	Impact on T2	WG T2	Loc	No																					
522	<b>Possible enhancements in CAMEL Phase</b>		<b>Loc</b>	<b>No</b>																					
523	Impact on S1	WG SA1	Loc	No																					
524	Impact on N2	WG T2	Loc	No																					
525	Possible OSA support for LCS	WG CN5	Loc	No																					
526	<b>Exception procedures</b>	<b>WG SA2</b>	<b>Loc</b>	<b>No</b>																					
527	Stage 2	WG SA2	Loc	No																					
528	Stage 3	TSG CN	Loc	No																					
529	<b>LCS UTRAN</b>	<b>WG SA2</b>	<b>Loc</b>	<b>No</b>																					
530	Stage 2	WG SA2	Loc	No																					
531	Stage 3	WG RAN2	Loc	No																					
532	<b>LCS in UTRA TDD</b>	<b>WG RAN2</b>	<b>Loc</b>	<b>No</b>																					
533	Radio Resource Management (for LCS TDD)	WG RAN2	Loc	No																					
534	Location measurements TDD Sept.	WG RAN1	Loc	No																					
535	lur, lub support for LCS measurements +results	WG RAN3	Loc	No																					
536	<b>LMU handling</b>	<b>WG RAN2</b>	<b>Loc</b>	<b>No</b>																					
537	Stage 2	WG RAN2	Loc	No																					
538	LMU TDD measurements	WG RAN1	Loc	No																					
539	LMU FDD measurements	WG RAN1	Loc	No																					
540	LMU SRNC signaling details lub and lur	WG RAN3	Loc	No																					
541	Testing LMU functionality	WG RAN4	Loc	No																					
542	<b>Testing LCS functionality in Node B and UE</b>	<b>WG RAN4</b>	<b>Loc</b>	<b>No</b>																					



ID	Name	Resource No	IGC	Approv	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001	
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
543	Define test methods and test cases	WG RAN4	Loc	No					████████████████████			████████████████████													
544	Define LCS performance requirements for Node	WG RAN4	Loc	No					████████████████████			████████████████████													

Project: 3GPP\_Release-2000  
Date: Tue 18/07/00

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 