

ID	Name	Resource Name	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 name, Modified, Mo		No																					
2	"CTRL + a" to display all the 3GPP fields (move the vertical line		No																					
3																								
4																								
5	Evolution of transport	TSG RAN	No	unknown																				
6	Evolution of the transport in the UTRAN	TSG RAN	Yes	no sheet																				
7	Introduction of an option allowing an IP transport in the UTRAN	WG RAN3	No	unknown																				
8	Radio access bearer support enhancement	WG RAN2	Yes	Work Items																				
9	QoS optimisation for AAL2 connections over lub and lur interf	WG RAN3	Yes	Work Items																				
10	NEW (COPIED) PS-domain handover for real-time services	WG RAN3	Yes	Work Items																				
11	NEW IP Transport	TSG RAN	Yes	no sheet																				
12	Evolution of the transport in the CN	WG CN4	No																					
13	User/signalling data transport on TCP/RTP/UDP/IP based bear	TSG CN	No																					
14	User/signalling data transport on ATM/AAL2 bearers (Nb/Nc)	TSG CN	No																					
15	Separation of call and bearer control	WG CN4	No																					
16	IP Transport of CN protocols (e.g., CAP, MAP)	WG CN4	No																					
17	Transport and control separation in the PS CN domain (Feasib	WG SA2	Yes	'-000293.pdf																				
18	Evolution of bearers in the CN	TSG CN	No																					
19	Evolution of the bearers inside the PLMN	WG CN4	No																					
20	Evolution of the bearers at the inter-working point with other t	WG CN3	No																					
21	Radio Interface Improvement	TSG RAN	Yes	no sheet																				
22	NEW (COPIED) RRM Support over lub and lur: RRM optimisation	WG RAN3	Yes	Work Items																				
23	NEW (COPIED) Node B synchronisation for TDD	WG RAN1	Yes	Work Items																				
24	NEW (MOVED) Improvement of inter-frequency and inter-system n	WG RAN1	Yes	Work Items																				
25	NEW (MOVED) Base station classification	WG RAN4	Yes	Work Items																				
26	NEW FDD Base station classification	WG RAN4	Yes	Work Items																				
27	NEW TDD Base station classification	WG RAN4	Yes	Work Items																				
28	Hybrid ARQ I/III	WG RAN2	Yes	Work Items																				
29	Improved usage of downlink resource in FDD for CCTrCHs of dedi	WG RAN2	Yes	Work Items																				

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30	Terminal Power Saving features	WG RAN1	Yes	Work Items																				
31	NEW (COPIED) PS-domain handover for real-time services	WG RAN3	Yes	Work Items																				
32	NEW UTRA repeater specification	WG RAN4	Yes	Work Items																				
33	NEW Study Item: Radio link performance enhancements	WG RAN1	Yes	Study Items																				
34	Study Item: High Speed downlink packet access	WG RAN2	Yes	Study Items																				
35	Study Item: USTS	WG RAN1	Yes	Study Items																				
36	NEW Study Item: Feasibility Study for improved common DL channel	WG RAN2	Yes	Study Items																				
37	Low Chip Rate TDD option	WG RAN1	Yes	Work Items																				
38	Low chip rate TDD physical layer	WG RAN1	Yes	Work Items																				
39	Low chip rate TDD layer 2 and layer 3 protocol aspects	WG RAN2	Yes	Work Items																				
40	Low chip rate TDD RF radio transmission/reception, system performance	WG RAN4	Yes	Work Items																				
41	DELETED (MOVED) Low chip rate TDD Smart antenna	WG RAN1	Yes	Work Items																				
42	Low chip rate TDD UE radio access capability	WG RAN2	Yes	Work Items																				
43	Low chip rate TDD UTRAN network Iub/Iur protocol aspects	WG RAN3	Yes	Work Items																				
44	RAN improvement	TSG RAN	Yes	no sheet																				
45	NEW (MOVED) Low chip rate TDD Smart antenna	WG RAN1	Yes	Work Items																				
46	RRM optimization for Iur and Iub	WG RAN3	Yes	Work Items																				
47	Node B synchronisation for TDD	WG RAN1	Yes	Work Items																				
48	DELETED (MOVED) Improvement of inter-frequency and inter-system handover	WG RAN1	Yes	Work Items																				
49	DELETED (MOVED) Base station classification	WG RAN4	Yes	Work Items																				
50	NEW (COPIED) Radio access bearer support enhancement	WG RAN2	Yes	Work Items																				
51	NEW (MOVED) PS-domain handover for real-time services	WG RAN3	Yes	Work Items																				
52	NEW RAB Quality of Service Negotiation over Iu	WG RAN3	Yes	Work Items																				
53	NEW Position method enhancement	TSG RAN	Yes	no sheet																				
54	NEW UE positioning in UTRA FDD	WG RAN2	Yes	Work Items																				
55	NEW UE positioning in UTRA TDD	WG RAN2	Yes	Work Items																				
56	NEW (COPIED) UTRA repeater specification	WG RAN4	Yes	Work Items																				
57	NEW Radio interface testing	TSG RAN	Yes	no sheet																				
58	NEW Requirement on equipment	TSG RAN	Yes	no sheet																				

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59	Real-time QoS for packet services including VoIP	WG SA2	No					◆	◆	◆	◆	◆	◆	◆	◆									
60	HOs: maintenance of real-time QoS support of while movin	WG SA2	No					◆	◆	◆	◆	◆	◆	◆	◆									
61	End-to-End multimedia QoS negotiation	WG SA2	No						◆	◆	◆	◆	◆	◆	◆									
62	Stage 2	WG SA2	No							◆	◆	◆	◆	◆	◆									
63	Stage 3	WG CN1	No								◆	◆	◆	◆	◆									
64	New or enhanced packet handling procedures to main	WG SA2	No					◆	◆	◆	◆	◆	◆	◆	◆									
65	on QoS architecture and GPRS improvements	WG SA2	No						◆	◆	◆	◆	◆	◆	◆									
66	DELETED (MOVED AND COPIED) PS-domain handover fr	WG RAN3	Yes	Work Items																				
67	on GPRS GMM and SM aspects	WG CN1	No							◆	◆	◆	◆	◆	◆									
68	on GTP aspects	WG CN4	No								◆	◆	◆	◆	◆									
69	changes to QoS renegotiation procedure	WG CN1	No								◆	◆	◆	◆	◆									
70	End-to-end UMTS reservation and (re-)negotiation of QoS p	WG SA2	No					◆	◆	◆	◆	◆	◆	◆	◆									
71	Study external QoS negotiation mechanisms	WG SA2	Yes	S2-001188						◆	◆	◆	◆	◆	◆									
72	Define interactions between external QoS negotiation and res	WG SA2	No								◆	◆	◆	◆	◆									
73	Possible new code points in QoS IE from external networks	WG CN1	No									◆	◆	◆	◆									
74	inclusion of UMTS QoS Architecture (23.107) new point code	WG CN1	No									◆	◆	◆	◆									
75	Consider issues related to charging for end-to-end QoS	WG SA5	No										◆	◆	◆	◆								
76	Mapping between UMTS QoS attributes and the attributes use	WG CN3	No											◆	◆	◆	◆							
77	GERAN QoS Aspect	TSG GERAN	No												◆	◆	◆	◆						
78	QoS for signalling bearer in and out of PLMN	WG SA2	No					◆	◆	◆	◆	◆	◆	◆	◆									
79	Stage 2	WG SA2	No						◆	◆	◆	◆	◆	◆	◆									
80	Impact on MM/CC	WG CN1	No							◆	◆	◆	◆	◆	◆									
81	Impact on MAP	WG CN4	No								◆	◆	◆	◆	◆									
82	Non-real-time QoS for packet services	WG SA2	No																					
83	Mapping of overall end to end QoS in each new interface	WG SA2	No					◆	◆	◆	◆	◆	◆	◆	◆									
84	Impacts on QoS profile	WG CN4	No						◆	◆	◆	◆	◆	◆	◆									
85	[For Packet as per real time QoS, see "Real Time QoS for pac	WG CN3	No												◆	◆	◆	◆						
86	Evolution of maximum SDU size	WG SA2	No					◆	◆	◆	◆	◆	◆	◆	◆									
87	Impacts on CN protocols (e.g., GTP, MAP)	WG CN4	No												◆	◆	◆	◆						

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88	Impacts on interworking over GTP (e.g. PPP)	WG CN3	No																					
89	[End-to-end (re-)negotiation of QoS parameters: See "Real Time QoS"]	WG SA2	No																					
90	[HOs: maintenance of non real-time QoS while moving between cells]	WG SA2	No																					
91	QoS for circuit switched services	WG SA2	No																					
92	HOs: support of inter-MSC change and SRNS relocation	WG SA2	No																					
93	GERAN QoS Aspects	TSG GERAN	No																					
94	Provisioning of IP-based multimedia services	WG SA1	Yes	SP-000216																				
95	Call control and roaming to support IP-based multimedia services	WG SA2	Yes	SP-000289																				
96	Definition of service requirements.	WG SA1	No																					
97	Architecture and Stage 2	WG SA2	Yes	SP-000289																				
98	Study on impacts on HSS	WG CN4	No																					
99	SIP over Gm reference point (CSCF – UE)	WG CN1	No																					
100	Check SIP support of SS defined in 22.976, Gm IF	WG CN1	No																					
101	SIP SS and relationship to Mg, Mw and Cx	WG CN4	No																					
102	Transparent End-to-End Packet switched mobile streaming applications	WG SA4	Yes	SP-000345																				
103	Multimedia Capabilities	WG CN1	No																					
104	N1: Terminal capabilities	WG CN1	No																					
105	T2: Terminal capabilities	WG T2	No																					
106	N1: Network capabilities	WG CN1	No																					
107	N4: Network capabilities	WG CN4	No																					
108	CSCF – HSS (Cx) applications and services (SCP)	WG SA2	No																					
109	Stage 2 flows	WG SA2	No																					
110	Impact on Camel Stage 3	WG CN2	No																					
111	Impact on MAP	WG CN4	No																					
112	Addressing, Identities	WG SA2	No																					
113	Architectural issues	WG SA2	No																					
114	Impact on HSS	WG CN4	No																					
115	Interworking	WG CN3	No																					
116	Interworking with other multimedia protocols	WG CN3	No																					

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117	Requirements	WG SA1	No																					
118	Impact on MM/CC/SM	WG CN1	No																					
119	Interworking with external networks	WG CN3	No																					
120	Access Security for IP-multimedia services	WG SA3	Yes	SP-000296																				
121	Lawful interception	WG SA3	No																					
122	RAN improvements and evolution of the bearers on the Radio interf	TSG RAN	No	unknown																				
123	Non-real Time QoS for packet services	WG SA2	No																					
124	Real Time QoS for packet services including VoIP	WG SA2	No																					
125	Billing, charging and management aspects for IP-based multimedia	WG SA5	No																					
126	Codec aspects for the provisioning of IP-based multimedia services	WG SA4	No																					
127	Roaming support within and between IP Multi-media netw	WG CN4	No																					
128	Roaming requirements	WG SA1	Yes	S1-000290																				
129	Stage 2	WG SA2	Yes	SP-000150																				
130	Stage 2 review	WG CN4	No																					
131	Internetwork roaming aspects	WG CN3	No																					
132	Support of VHE/OSA by R00 network entities and protocols of the I	WG CN5	No																					
133	CAMEL control of VoIP	WG CN5	No																					
134	Emergency call enhancements	WG CN1	No																					
135	IP & PS based emergency call enhancements	WG CN1	Yes	NP-000380																				
136	Service Requirements for IP-based emergency calls	WG SA1	No																					
137	SIP emergency calls and packet emergency calls in general	WG CN1	No																					
138	Stage 2 for emergency calls and packet emergency calls in ge	WG SA2	No																					
139	Distinction of emergency call types to different emergency se	WG SA1	No																					
140	Stage 3 for emergency calls and packet emergency calls in ge	WG CN1	No																					
141	CS based emergency call enhancements	WG CN1	No	NP-000379																				
142	Distinction of emergency call types to different emergency se	WG SA1	No																					
143	Emergency call recalling capability enhancement	WG CN1	No																					
144	Enable bearer independent Circuit-switched network architect	WG SA2	Yes	SP-000288																				
145	Enable bearer-independent call control	WG SA2	No																					

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146	Architecture and Stage 2 description on 23.821	WG SA2	No		█			█																
147	Standardisation of protocols (user plane) over reference poin	WG CN3	No		█			█			█													
148	Standardisation of protocols over reference points between N	WG CN4	No		█			█			█													
149	Bearer control between MSC server and MGW	WG CN4	No		█			█			█			█										
150	Stage 2	WG CN4	No		█			█			█													
151	Stage 3	WG CN3	No		█			█			█													
152	Bearer control (control plane, e.g., Q.AAL2) between MGWs	WG CN3	No		█			█			█													
153	Lawful interception	WG SA3	No		█			█			█													
154	Bearer Independence and codec control issues	WG SA4	No		█			█			█													
155	Circuit-switched multimedia services	WG SA2	No					◆			◆													
156	Circuit-switched multimedia swap and fallback	WG CN1	Yes	NP-000051				◆			◆													
157	Call control and signalling aspects	WG CN1	No					█			█													
158	Transport aspects	WG CN3	No					█			█													
159	inband signalling	WG CN3	No					█			█													
160	Review service/stage 1	WG SA1	No					█			█													
161	Review architecture/stage 2	WG SA2	No					█			█													
162	Facsimile	WG SA1	Yes	SP-000169	◆			◆																
163	Real Time Fax	WG SA2	No		◆			◆																
164	Terminal capabilities, AT commands	WG T2	No		█			█																
165	Signalling aspects (e.g. ICM)	WG CN1	No		█			█																
166	Service provision	WG CN3	No		█			█																
167	Review whether service/stage 1 aspects need to be aligned	WG SA1	No		█			█																
168	Review whether architecture/stage 2 aspects need to be align	WG SA2	No		█			█																
169	Global Text telephony	WG SA2	Yes	SP-000290				◆			◆													
170	Stage 1	WG SA1	No					█			█													
171	Stage 2	WG SA2	No					█			█													
172	Activation and transport	WG SA2	No					◆			◆													
173	SIP and H.324 Activation and transport	WG SA2	No					█			█													
174	Data Channel Activation and transport	WG SA2	No					█			█													

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175	Voice Channel Activation and transport	WG SA4	No																					
176	Selection of transport method	WG SA2	No																					
177	Interworking	WG CN3	No																					
178	Terminal Aspects	WG T2	No																					
179	USIM Aspects	WG T3	No																					
180	Bearer Modification without pre-notification	WG SA1	Yes	SP-000216																				
181	Bearer Modification without pre-notification between Spec	WG CN3	No	NP 000224																				
182	In call modify procedure	WG CN1	No																					
183	Interworking function, TAF	WG CN3	No																					
184	Out of band Transcoder Control	WG CN4	No																					
185	AT commands	WG T2	No																					
186	Bearer Modification because of radio conditions	WG SA2	No																					
187	Push Services (Feasibility Study)	WG SA2	No																					
188	Network requested PDP context activation with User-ID	WG SA2	Yes	SP-000291																				
189	VHE	WG SA1	Yes	SP-000216																				
190	Evolution of VHE concepts	WG SA2	No																					
191	Introduction of VHE within the IP Multi Media Domain	WG SA2	No																					
192	Stage 1	WG SA1	No																					
193	Stage 2	WG SA2	No																					
194	Terminal impacts	WG T2	No																					
195	Evolution of VHE within the Packet Switched and Circu	WG SA2	No																					
196	Stage 1	WG SA1	No																					
197	Stage 2	WG SA2	No																					
198	Terminal impacts	WG T2	No																					
199	Service Continuity	WG SA2	No																					
200	Definition and requirements on VHE within a single domain and	WG SA1	No																					
201	VHE architecture within a single domain	WG SA2	No																					
202	VHE interworking between domains	WG SA2	No																					
203	Personal Service Environment (PSE), user profiles and us	WG SA2	No																					

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204	PSE architecture (e.g. HSS) and interfaces	WG SA2	No																					
205	User Profiles definition	WG CN4	No																					
206	Interaction between VHE Toolkits	WG SA2	No																					
207	Stage 1	WG SA1	No																					
208	Stage 2	WG SA2	No																					
209	VHE management aspects	WG SA2	No																					
210	Stage 1	WG SA1	No																					
211	Stage 2	WG SA2	No																					
212	OAM aspects	WG SA5	No																					
213	VHE security	WG SA3	No																					
214	Requirements	WG SA1	No																					
215	Architecture definition for the different VHE toolboxes	WG SA2	No																					
216	Review of architecture	WG SA3	No																					
217	(possibly) changes required from supporting platforms, e.g. gs	WG SA3	No																					
218	OSA	WG SA1	Yes	SP-000216																				
219	Evolution of OSA concepts	WG SA1	No																					
220	Introduction of OSA within the IP Multi Media Domain	WG SA2	No																					
221	Stage 1	WG SA1	No																					
222	Stage 2	WG SA2	No																					
223	Evolution of OSA within the Packet Switched and Circu	WG SA2	No																					
224	Stage 1	WG SA1	No																					
225	Stage 2	WG SA2	No																					
226	Integration of OSA within IM domain	WG SA2	No																					
227	Requirements	WG SA2	No																					
228	Interaction between SIP and OSA	WG SA2	No																					
229	Stage 2	WG SA2	No																					
230	Stage 3 -MM/CC aspects	WG CN1	No																					
231	Stage 3 -other aspects	WG CN5	No																					
232	Interaction between HSS and gsmSCF features and OSA	WG SA2	No																					

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233	Stage 2	WG SA2	No																					
234	Stage 3 -MM/CC aspects	WG CN1	No																					
235	Stage 3 - MAP aspects	WG CN4	No																					
236	Stage 3 -other aspects	WG CN5	No																					
237	Interaction between Multi Media network resources and O	WG SA2	No																					
238	Stage 2	WG SA2	No																					
239	Stage 3	WG CN5	No																					
240	User Profile Management, User Profile Access	WG CN5	No																					
241	OSA security	WG SA3	Yes	SP-000302																				
242	Technical requirements	WG SA2	No																					
243	Stage 3	WG SA3	No																					
244	security related SCF(s) definition	WG CN5	No																					
245	(possibly) changes required from supporting platforms, e.g. gs	WG SA3	No																					
246	Network Service Capability Features (N-SCFs)	WG SA2	No																					
247	User requirements for the OSA N-SCFs	WG SA1	No																					
248	Specify the selection of SCFs within the network architecture	WG SA2	No																					
249	Technical requirements for the OSA N-SCFs	WG SA2	No																					
250	OSA APIs	WG CN5	No																					
251	internal OSA APIs	WG SA2	No																					
252	User requirements	WG SA1	No																					
253	Technical requirements	WG SA2	No																					
254	Stage 3	WG CN5	No																					
255	Enhancement of the Framework Service Capability Feature	WG SA2	No																					
256	User requirements	WG SA1	No																					
257	Technical requirements	WG SA2	No																					
258	Stage 3	WG CN5	No																					
259	Harmonisation/co-ordination with non UMTS related initiatives	WG CN5	No																					
260	CAMEL phase 4	WG SA1	No																					
261	Service requirements	WG SA1	No																					

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262	CAMEL applicability to media streams (e.g. VoIP)	WG CN2	No																					
263	CSE Initiated call setup	WG CN2	No																					
264	User Interactions during a call	WG CN2	No																					
265	Interactions with Optimal Routing	WG CN2	No																					
266	CSE control of follow-on calls	WG CN2	No																					
267	CSE control over MT SMS	WG CN2	No																					
268	MExE	WG T2	Yes	TP-000117																				
269	3rd MExE classmark	WG T2	No																					
270	MExE Security	WG SA3	Yes	SP-000303																				
271	Terminal aspects	WG T2	No																					
272	Stage 3	WG SA3	No																					
273	Support of the Terminal parts of the VHE /User Profile	WG T2	No																					
274	AT command support (Feasibility Study)	WG T2	No																					
275	Secure download mechanism and capabilities to support SDR con	WG T2	No																					
276	Support of MP3/MPEG4 content (Feasibility Study)	WG T2	No																					
277	Support of SAT/OSA/CAMEL interaction to provide advance servic	WG T2	No																					
278	Wideband Telephony Service - AMR	WG SA4	No																					
279	Specification	WG SA4	No																					
280	Design Constraints	WG SA4	No																					
281	General Description	WG SA4	No																					
282	Feasibility Study	WG SA4	No																					
283	Codec issues	WG SA4	No																					
284	Codec qualification	WG SA4	No																					
285	Codec selection tests	WG SA4	No																					
286	Codec selection	WG SA4	No																					
287	Other codec issues	WG SA4	No																					
288	Conformance tests (CRs to 34 series)	WG T1	No																					
289	Terminal Acoustic Characteristics	WG SA4	No																					
290	Definition	WG SA4	No																					

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					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
291	Review of definition	WG T1	No																					
292	Test specification	WG SA4	No																					
293	Review of Test specification	WG T1	No																					
294	Implementation	WG SA4	No																					
295	In UTRAN	TSG RAN	No	unknown																				
296	In GERAN	TSG GERAN	No																					
297	In CN	TSG CN	No																					
298	Impact on N1	TSG CN	No																					
299	Transcoder-Free Operation (TrFO)	WG SA4	No																					
300	Specification	TSG CN	No																					
301	Impact on MM/CC/SM	WG CN1	No																					
302	Prevention of user fraud	WG SA3	No																					
303	Specification of Codecs list	WG SA4	No																					
304	Harmonisation between TFO and TrFO	WG CN4	No																					
305	NEW TrFO in UTRAN	TSG RAN	Yes	no sheet																				
306	OoBTC solution	TSG CN	No																					
307	Impact on architecture	WG SA2	No																					
308	Codec Negotiation between UE and MSC	WG CN1	Yes	NP-000085																				
309	Codec Negotiation inter MSC	WG CN4	No																					
310	Bearer establishment inter MSC	WG CN4	Yes	NP-000127																				
311	Bearer establishment between UE and RAN, TFC control by R	WG RAN2	No																					
312	Bearer establishment between MSC and RNC and between RNC and UE	WG RAN3	No																					
313	Notification of the Codec mode to RAN, lu UP control procedur	WG RAN3	No																					
314	Support of Transcoder in CN	TSG CN	No																					
315	Speech Transcoder: Location and Control at the UMTS Core Network	WG SA2	No	S2-99352																				
316	Transcoder at Edge	TSG CN	No																					
317	Tandem Free aspects for 3G and between 2G and 3G systems	TSG CN	No																					
318	Tandem Free AMR	TSG CN	No																					
319	Specification	WG SA4	No																					

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					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
320	Implementation	TSG CN	No																					
321	in CN	TSG CN	No																					
322	in UTRAN	TSG RAN	No	unknown																				
323	in GERAN	TSG GERAN	No																					
324	Transmission planning in 3G networks	TSG RAN	No	unknown																				
325	Impact on UTRAN	TSG RAN	No	unknown																				
326	Multimedia Messaging	WG T2	No	TP-000078																				
327	Service Requirements	WG SA1	No																					
328	Definition of requirements	WG SA1	No																					
329	Review of definition	WG T2	No																					
330	Technical Realisation	WG T2	No																					
331	Definition of reference Achitecture model	WG SA2	No																					
332	Review of definition of reference Achitecture model	WG T2	No																					
333	"Fulfill Requirements of Stage 1"	WG T2	No																					
334	Definition of MMS primitives in Stage 2	WG T2	No																					
335	Advanced Cell Broadcast	WG SA2	No																					
336	Service Requirements	WG SA1	No																					
337	CBC-RNC Protocol	WG RAN3	No																					
338	Terminal aspects	WG T2	No																					
339	IP Multicast	WG SA1	No																					
340	Service Requirements	WG SA1	No																					
341	AT commands	WG T2	No																					
342	Edge AT commands	WG T2	No																					
343	MMS AT commands	WG T2	No																					
344	other AT commands	WG T2	No																					
345	Alternatives to AT commands (TBD)	WG T2	No																					
346	Wide Area Data Synchronisation	WG T2	No																					
347	Continues evolution of Synchronisation protocol	WG T2	No																					
348	vObjects and Other Constructs for Use in Data Synchronisation	WG T2	Yes	TP-000079																				

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					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
349	UE Multiplexer	WG T2	No																					
350	Multiplexing protocol (simultaneous sessions over UE)	WG T2	No																					
351	UICC/ME Performance Enhancements (Feasibility Study)	WG T3	No																					
352	Terminal local model	WG T2	No	TP-000080																				
353	UICC Java API	WG T3	No																					
354	Specification	WG T3	No																					
355	Test specification	WG T3	No																					
356	UICC/USIM database specification	WG T3	Yes	TP-99210																				
357	Common PCN Handset Specification (CPHS)	WG T3	Yes	TP-000116																				
358	(U)SIM toolkit	WG T3	No																					
359	Enhancements to (U)SIM toolkit secure messaging	WG T3	Yes	TP-000116																				
360	Protocol Standardisation of a SIM Toolkit Interpreter	WG T3	Yes	TP-000116																				
361	SIM/USIM Interworking	WG T3	Yes	TP-000116																				
362	Protection for user plane data	WG SA3	Yes	SP-000298																				
363	Integrity protection in access network	WG SA3	No																					
364	Integrity protection in core network	WG SA3	No																					
365	Network based end-to-end security	WG SA3	No																					
366	Core network security	WG SA3	Yes	SP-000299																				
367	Control plane protection in core network (e.g., GTP, CAP, N	WG SA3	No																					
368	Main aspects	WG SA3	No																					
369	Integration of GTP signalling security architecture	WG CN4	No																					
370	User plane protection in core network (e.g., provided by IP	WG SA3	No																					
371	Main aspects	WG SA3	No																					
372	Integration of GTP signalling security architecture	WG CN4	No																					
373	MAP application layer security	WG SA3	No																					
374	Main aspects	WG SA3	No																					
375	Other stage 3 impacts	WG CN4	No																					
376	Key management for core network security	WG SA3	Yes	SP-000301																				
377	Evolution of GSM CS algorithms (e.g. A5/3 development and deploymen	WG SA3	Yes	SP-000306																				

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					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug				
378	Evolution of GSM PS algorithms (e.g. GEA 2 deployment)	WG SA3	Yes	SP-000307																								
379	Main aspects	WG SA3	No																									
380	GEA capability indication in MS CM	WG SA3	No																									
381	GERAN Security	WG SA3	Yes	SP-000308																								
382	Main aspects	WG SA3	No																									
383	Production of new algorithm	WG SA3	No																									
384	Visibility and Configurability of security	WG SA3	Yes	SP-000305																								
385	FIGS	WG SA3	No																									
386	General Security Enhancements	WG SA3	Yes	SP-000310																								
387	Definition of billing, charging and management	WG SA5	No																									
388	Definition of Architecture and Principles	WG SA5	No																									
389	Key Administration & Distribution	WG SA5	No																									
390	Co-ordinating O&M messaging Specification	WG RAN3	No																									
391	Performance Management	WG SA5	No																									
392	Fault Management	WG SA5	No																									
393	Configuration Management	WG SA5	No																									
394	Charging	WG SA5	No																									
395	Call Cell Trace	WG SA5	No																									
396	Security Management (Key Administration and Distribution)	WG SA5	No																									
397	Stage 2	WG SA5	No																									
398	Stage 3	WG SA3	No																									
399	GSM LCS O&M Project	WG SA5	No																									
400	Service Management	WG SA5	Yes	SP-000223																								
401	Location Services	WG SA2	Yes	SP-000292																								
402	Geographical Area description: DEfined Geographical Areas	WG SA1	No																									
403	Stage 1	WG SA1	No																									
404	Stage 2	WG SA2	No																									
405	LCS quality level request (QOL)	WG SA1	No																									
406	Stage 1	WG SA1	No																									

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407	DELETED Stage 3	WG RAN2	No																					
408	Event based and Periodic LCS	WG SA1	No																					
409	Stage 1	WG SA1	No																					
410	Stage 2	WG SA2	No																					
411	Specification	WG SA2	No																					
412	DELETED Review	WG RAN2	No																					
413	DELETED Stage 3	WG RAN2	No																					
414	Impact on MAP	WG CN4	No																					
415	DELETED Impact on UTRAN	WG RAN2	No																					
416	LCS network management	WG SA5	No																					
417	Security aspects of LCS	WG SA3	No																					
418	LCS support in the core network CS domain	WG CN4	No																					
419	LCS support in the core network PS domain	WG SA2	No																					
420	Stage 1	WG SA1	No																					
421	Stage 2	WG SA2	No																					
422	Stage 3	WG CN1	No																					
423	Layer 3 LCS signaling UE (MS) -SGSN (UMTS PS and and	WG CN1	No																					
424	MAP signaling for LCS	WG CN4	No																					
425	LCS support in the IM CN subsystem	WG SA2	No																					
426	Stage 1	WG SA1	No																					
427	Stage 2	WG SA2	No																					
428	Stage 3	WG CN4	No																					
429	re-Use of Position method enhancements	TSG RAN	No																					
430	DELETED Iu interface support for LCS	WG RAN3	No																					
431	DELETED Advanced LCS methods	TSG RAN	No																					
432	DELETED LCS signaling UE-SRNC (TDD&FDD)	WG RAN2	No																					
433	DELETED Location measurements FDD	WG RAN1	No																					
434	DELETED Iur and Iub support for LCS measurements +results (WG RAN3	No																					
435	DELETED Stage 3 specifications on assistance data	WG RAN2	No																					

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					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
436	LCS interoperation aspects	WG SA2	No					◆	◆	◆	◆	◆	◆	◆	◆									
437	Co-ordinated development of GSM LCS Phase 2 and UMTS LC	WG SA2	No																					
438	Common LCS System and CN stage 2 specification, combine 2:	WG SA2	No																					
439	LCS application interfaces (LCS-OSA)	WG SA1	No					◆	◆	◆	◆	◆	◆	◆	◆									
440	Service description	WG SA1	No																					
441	Stage 2	WG SA2	No																					
442	Possible enhancements in MeXE support for LCS	WG SA1	No					◆	◆	◆	◆	◆	◆	◆	◆									
443	Impact on S1	WG SA1	No																					
444	Impact on T2	WG T2	No																					
445	Possible enhancements in CAMEL Phase 4 for LCS		No					◆	◆	◆	◆	◆	◆	◆	◆									
446	Impact on S1	WG SA1	No																					
447	Impact on N2	WG T2	No																					
448	Possible OSA support for LCS	WG CN5	No																					
449	Exception procedures	WG SA2	No					◆	◆	◆	◆	◆	◆	◆	◆									
450	Stage 2	WG SA2	No																					
451	Stage 3	TSG CN	No																					
452	LCS UTRAN	WG SA2	No					◆	◆	◆	◆	◆	◆	◆	◆									
453	Stage 2	WG SA2	No																					
454	DELETED Stage 3	WG RAN2	No																					
455	DELETED LCS in UTRA TDD	WG RAN2	No					◆	◆	◆	◆	◆	◆	◆	◆									
456	DELETED Radio Resource Management (for LCS TDD)	WG RAN2	No																					
457	DELETED Location measurements TDD Sept.	WG RAN1	No																					
458	DELETED lur, lub support for LCS measurements +results TDD	WG RAN3	No																					
459	DELETED LMU handling	WG RAN2	No					◆	◆	◆	◆	◆	◆	◆	◆									
460	DELETED Stage 2	WG RAN2	No																					
461	DELETED LMU TDD measurements	WG RAN1	No																					
462	DELETED LMU FDD measurements	WG RAN1	No																					
463	DELETED LMU SRNC signaling details lub and lur	WG RAN3	No																					
464	DELETED Testing LMU functionality	WG RAN4	No																					


ID	Name	Resource Name	Approval	Hyperlink	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001		Qtr 3, 2001	
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465	DELETED Testing LCS functionality in Node B and UE	WG RAN4	No																				
466	DELETED Define test methods and test cases	WG RAN4	No																				
467	DELETED Define LCS performance requirements for Node B at	WG RAN4	No																				

Project: 3GPP_Release-2000
Date: Tue 01/08/00

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 