

ID	UHQ# ID	Name	Release	Spotable	Resource Name	Acronym	Level of	Start	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002			Qtr 2, 2002			Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003			Qtr 2, 2003		
									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	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
329	1811	Multimedia Messaging	Rel4	No	WG T2	MMS	TSG	Tue 22/02/00																																										
330	136	Definition of service requirements		No	WG SA1	MMS		Tue 22/02/00																																										
331	1819	Review of definition of service requirements		No	WG T2		TSG	Thu 01/06/00																																										
332	1920	Technical Realisation		No	WG T2		TSG	Mon 10/04/00																																										
333	1821	Review of definition of reference Architecture model		No	WG T2		TSG	Mon 10/04/00																																										
334	1822	"Fulfill Requirements of Stage 1"		No	WG T2		TSG	Mon 10/04/00																																										
335	1823	Definition of MMS primitives in Stage 2		No	WG T2		TSG	Mon 10/04/00																																										
336	1921	Terminal Interfaces	NA	Yes	WG T2	TI		Mon 03/01/00																																										
337	1927	AT commands enhancements	Rel4	No	WG T2	TI-ATC		Mon 03/01/00																																										
338	1928	Specification of AT commands for new services		No	WG T2			Mon 03/01/00																																										
339	1958	UE Conformance test spec: AT command		No	WG T1	TI-ATC		Mon 03/07/00																																										
340	1929	Wide Area Data Synchronisation	NA	Yes	WG T2	TI-WADS		Mon 03/01/00																																										
341	1930	Continues evolution of Synchronisation protocol	Rel4	No	WG T2	TI-SYNC-EVOL		Mon 03/01/00																																										
342	1831	vObjects and Other Constructs for Use in Data Synchronisation	Rel5	No	WG T2	TI-SYNC-VOBJ	TSG	Tue 16/05/00																																										
343	2251	Start Testing		No	MLST	AMRWB		Wed 14/03/01																																										
344	1860	UE Conformance test spec: Wide area data sync		No	WG T1	TI-WADS		Mon 18/12/00																																										
345	1832	Terminal local model	Rel4	No	WG T2	TLM	TSG	Tue 16/05/00																																										
346	2573	Terminal local model enhancements	Rel5	No	WG T2	TLM6	WG	Mon 14/05/01																																										
347	1934	Location Services enhancements	NA	Yes	WG SA2	LCS1	TSG	Mon 03/04/00																																										
348	1171	Event based and Periodic LCS	Rel5	No	WG SA1	LCS1-EBP		Mon 22/05/00																																										
349	1641	Stage 1		No	WG SA1	LCS1-EBP		Mon 22/05/00																																										
350	1538	Stage 2 specification		No	WG SA2	LCS1-EBP		Mon 06/11/00																																										
351	1179	Impact on MAP		No	WG CM4	LCS1-EBP		Mon 12/02/01																																										
352	519	(copy) Charging and OAM&P (I)	Rel5	No	WG SA3	LCS1-OAM	TSG	Mon 01/01/01																																										
353	521	New security aspects of LCS (not identified)	No	No	WG SA3	LCS1-SEC		Fri 14/04/00																																										
354	523	LCS support in the CS domain	Rel4	No	WG SA2	LCS1-CS		Mon 15/05/00																																										
355	525	LCS support in the PS domain	Rel4	No	WG SA2	LCS1-PS		Mon 01/05/00																																										
356	1642	Stage 1		No	WG SA1	LCS1-PS		Mon 03/07/00																																										
357	1181	Stage 2		No	WG SA2	LCS1-PS		Mon 01/05/00																																										
358	1180	Stage 3		No	WG CN1	LCS1-PS		Mon 21/08/00																																										
359	526	Layer 3 LCS signaling UE (MS) - SGSN (UMTS PS and GSM)		No	WG CN1	LCS1-PS		Mon 21/08/00																																										
360	2462	MAP impacts of LCS		No	WG CM4	LCS1-PS		Mon 21/08/00																																										
361	527	GTP signaling for LCS		No	WG CM4	LCS1-PS		Mon 21/08/00																																										
362	544	LCS interoperation stage 2 aspects		No	WG SA2			Mon 15/05/00																																										
363	2434	LCS interoperation stage 2 aspects to GERAN	No	SG GERAN	LCS-GERAN	TSG	Mon 28/09/00																																											
364	2435	Co-ordinated development of GSM LCS Phase 2 and UMTS LCS S2		No	SG GERAN	LCS-GERAN	TSG	Mon 28/09/00																																										
365	2436	Location Services for GERAN in A/Gb Mode	No	SG GERAN	LCS-GERAN	TSG	Mon 03/04/00																																											
366	2437	GERAN LCS Stage 2 (first release)		No	SG GERAN	LCS-GERAN	TSG	Mon 03/04/00																																										
367	2438	Gb interface support for LCS		No	SG GERAN	LCS-GERAN	TSG	Mon 03/04/00																																										
368	2439	RLCMAC protocol support for LCS		No	SG GERAN	LCS-GERAN	TSG	Mon 03/04/00																																										
369	2440	L3 protocol support for LCS		No	SG GERAN	LCS-GERAN	TSG	Mon 03/04/00																																										
370	2441	Stage 3 specifications		No	SG GERAN	LCS-GERAN	TSG	Mon 03/04/00																																										
371	2442	Location Services for GERAN in Iu Mode	No	SG GERAN	LCS-GERAN	TSG	Mon 03/04/00																																											
372	2443	GERAN LCS Stage 2 (second release)		No	SG GERAN	LCS-GERAN	TSG	Mon 03/04/00																																										
373	2444	Iu-ps interface support for LCS		No	SG GERAN	LCS-GERAN	TSG	Mon 03/04/00																																										
374	2445	Iu-cs interface support for LCS		No	SG GERAN	LCS-GERAN	TSG	Mon 03/04/00																																										
375	2446	Iur-g interface support for LCS		No	SG GERAN	LCS-GERAN	TSG	Mon 03/04/00																																										
376	2447	RRC protocol support for LCS		No	SG GERAN	LCS-GERAN	TSG	Mon 03/04/00																																										
377	2448	Additional impacts on Broadcast of LCS data on packet channels		No	SG GERAN	LCS-GERAN	TSG	Mon 03/04/00																																										
378	2449	Stage 3 specifications		No	SG GERAN	LCS-GERAN	TSG	Mon 03/04/00																																										
379	2450	GERAN MS Conformance test for LCS	No	G GERAN	LCS-GERAN	TSG	Fri 31/08/01																																											
380	2451	MS test		No	G GERAN	LCS-GERAN	TSG	Fri 31/08/01																																										
381	2452	GERAN BTS Conformance test for LCS	No	G GERAN	LCS-GERAN	TSG	Fri 31/08/01																																											
382	2453	BTS test		No	G GERAN	LCS-GERAN	TSG	Fri 31/08/01																																										
383	2229	CBS interactions	Rel4	No	WG T2	LCS1-CBS		Fri 14/04/00																																										
384	1600	UE positioning	Rel5	No	TSG RAN	LCS1-UEpos	TSG	Mon 03/04/00																																										
385	1601	Iub-ur interfaces for methods Rel 99	Rel4	No	WG RAN3	LCS1-UEpos-Iubur	TSG	Mon 03/04/00																																										
386	1602	UE positioning enhancements - IPDL for TDD	Rel4	No	WG RAN2	LCS1-UEpos-urh	TSG	Mon 28/09/00																																										
387	2457	UE positioning enhancements - other methods	Rel5	No	WG RAN2	LCS1-UEpos-urh	TSG	Mon 28/09/00																																										
388	2474	UE positioning enhancements for 1.28 Mbps TDD	Rel5	No	WG RAN2		TSG	Mon 09/04/01																																										
389	2475	Open SMLC-SRNC Interface within the UTRAN RAN	Rel5	No	WG RAN2		TSG	Mon 09/04/01																																										
390	1603	(Copy) UTRA repeater specification		No	WG RAN4		TSG	Mon 10/07/00																																										
391	1794	(Copy) LCS application interfaces (LCS-OSA)		No	WG SA1			Mon 11/09/00																																										
392	1183	FS on LCS support in the IM CN subsystem		No	WG SA1			Mon 12/02/01																																										
393	2125	Open SMLC-SRNC Interface within the UTRAN to support	Rel5	No	WG RAN2	LCS-INTF	TSG	Mon 15/01/01																																										
394	2127	Stage 2		No	WG SA2		WG	Mon 15/01/01																																										
395	2126	Stage 3		No				Mon 02/04/01																																										
396	1547	TO BE DELETED- Ensure reliable QoS for PS domain	Rel4	No	WG SA2	QoSPS		Mon 03/04/00																																										
397	1543	stage 2 for End-to-end QoS (re)negotiation and reservati		No	WG SA2	QoSPS		Fri 14/04/00																																										
398	1658	stage 3 for End-to-end QoS (re)negotiation and reservati		No	WG CN1	QoSPS		Mon 25/09/00																																										
399	1545	GMM and SM aspects		No	WG CN1	QoSPS		Mon 25/09/00																																										
400	1548	GTP aspects		No	WG CM4	QoSPS		Mon 25/09/00																																										
401	1547	Mapping of end to end QoS parameters on each interface	No	WG SA2	QoSPS-MAPEND			Fri 14/04/00																																										
402	1548	Impacts on NI documents		No	WG CM4			Fri 14/04/00																																										
403	1549	End to End QoS Stage 3	Rel5	No	WG CN3		WG	Mon 02/10/00																																										
404	1550	Interactions between external mechanisms and UMTS m	Yes	WG CN3				Mon 21/05/01																																										
405	1660	Mapping between the QoS UMTS point codes and the Qo	No	WG CN3	QoSPS-ENDEND-CP			Thu 22/06/00																																										
406	1652	(copy) Charging Management	Rel5	No	WG SA3	QoSPS-CAMCH	TSG	Fri 01/12/00																																										
407	1619	Application aspects, multi-mode aspects		No	WG T2		WG	Mon 03/04/00																																										
408	1554	Evolution of maximum SDU size	No	WG SA2	QoSPS-MAXSDU			Fri 14/04/00																																										
409	1555	Impacts on CN protocols (e.g., GTP, MAP)		No	WG CM4			Fri 14/04/00																																										
410	1556	Impact on interworking over GTP e.g. PPP		No	WG CN3			Mon 09/10/00																																										

ID	Unique ID	Name	Release	Spotable	Resource Name	Acronym	Level of	Start	Qtr 1, 2000			Qtr 2, 2000			Qtr 3, 2000			Qtr 4, 2000			Qtr 1, 2001			Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 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	Jan	Feb	Mar	Apr
575	2390	GERAN MS Conformance test for GERAN interface evolu		No	SG GERAN			Mon 11/06/01																												
576	2391	BSS test		No	SG GERAN			Mon 11/06/01																												
577	2392	GERAN enhancements for streaming services 1	Rel5	No	SG GERAN			Mon 06/11/00																												
578	2393	GERAN enhancements for streaming services 1		No	SG GERAN			Mon 06/11/00																												
579	2394	Concept		No	SG GERAN			Mon 06/11/00																												
580	2395	RLC protocol enhancement		No	SG GERAN			Mon 06/11/00																												
581	2396	GERAN enhancements for streaming services 2	Rel5	No	SG GERAN			Mon 06/11/00																												
582	2397	GERAN enhancements for streaming services 2		No	SG GERAN			Mon 06/11/00																												
583	2398	Usage of ECSD		No	SG GERAN			Mon 06/11/00																												
584	2399	Stage 2		No	SG GERAN			Mon 06/11/00																												
585	2400	Stage 3		No	SG GERAN			Mon 06/11/00																												
586	2401	RLC PDU formats		No	SG GERAN			Mon 06/11/00																												
587	2402	MAC header		No	SG GERAN			Mon 06/11/00																												
588	2403	700 MHz spectrum support	Rel4	No	SG GERAN			Mon 03/01/00																												
589	2404	GERAN support for the 700 MHz band		No	SG GERAN			Mon 03/01/00																												
590	2405	Signalling support		No	SG GERAN			Mon 03/01/00																												
591	2406	Physical layer definitions		No	SG GERAN			Mon 03/01/00																												
592	2407	Receiver performance and RF budget		No	SG GERAN			Mon 03/01/00																												
593	2408	GERAN MS Conformance test for 700 MHz band		No	SG GERAN			Mon 02/04/01																												
594	2409	MS test		No	SG GERAN			Mon 02/04/01																												
595	2410	GERAN BTS Conformance test for 700 MHz band		No	SG GERAN			Mon 02/04/01																												
596	2411	BTS test		No	SG GERAN			Mon 02/04/01																												
597	2412	GERAN/UTRAN interface evolution 1	Rel5	No	SG GERAN			Mon 06/11/00																												
598	2413	Evolution of lu ps		No	SG GERAN			Mon 06/11/00																												
599	2414	Identification of GERAN requirements on lu ps		No	SG GERAN			Mon 06/11/00																												
600	2415	Update of specifications		No	SG GERAN			Mon 09/04/01																												
601	2416	GERAN/UTRAN interface evolution 2	Rel5	No	SG GERAN			Mon 06/11/00																												
602	2417	Evolution of lu cs		No	SG GERAN			Mon 06/11/00																												
603	2418	Identification of GERAN requirements on lu cs		No	SG GERAN			Mon 06/11/00																												
604	2419	Update of specifications		No	SG GERAN			Mon 09/04/01																												
605	2420	Operator Determined Barring for Packet Oriented Serv	Rel4	No	TSG CN	ODB	TSG	Thu 01/06/00																												
606	2499	Support of Presence Capability	Rel5	No	WG SAI	PRESCN	TSG	Mon 1/9/01																												
607	2501	Stage 1		No	WG SAI			Mon 1/9/01																												
608	2502	Stage 2		No	WG SAI			Wed 12/09/01																												
609	2503	Stage 3		No	TSG CN			Mon 03/09/01																												
610	2504	Security issues		No	WG SAI			Mon 03/09/01																												
611	2505	USIM issues		No	WG T3			Mon 03/09/01																												
612	2506	UE issues		No	WG T2			Mon 03/09/01																												
613	2507	Display of Service Provider name on UE	Rel5	No	WG SAI	SPNAME	TSG	Mon 25/12/00																												
614	2508	Stage 1		No	WG SAI			Mon 25/12/00																												
615	2509	Stage 2		No	WG SAI			Thu 26/04/01																												
616	2510	Stage 3		No	TSG CN			Mon 03/09/01																												
617	2511	Security issues		No	WG SAI			Mon 03/09/01																												
618	2512	USIM issues		No	WG T3			Mon 03/09/01																												
619	2513	UE issues		No	WG T2			Mon 03/09/01																												
620	2520	User Equipment Management	Rel5	No	WG SAI	UEM	WG	Mon 25/06/01																												
621	2527	Emergency calls without UICC/SIM in netw. with IMS	Rel5	No	WG SAI			Wed 30/09/01																												
622	2528	Stage 3 work for CN1		No	WG CN1			Wed 30/09/01																												
623	2542	Streaming Service		No	WG SAI	STRM		Fri 11/05/01																												
624	2543	Stage 1		No	WG SAI			Fri 11/05/01																												
625	2544	Broadcast/Multicast MM		No	WG SAI	BMMM		Fri 11/05/01																												
626	2545	Stage 1		No	WG SAI			Fri 11/05/01																												
627	2546	UMTS QoS Architecture for PS Domain	Rel4	No	WG SAI	QoSPS	WG	Mon 03/01/00																												
628	2547	Requirements		No	WG SAI			Fri 03/03/00																												
629	2548	Architecture		No	WG SAI			Mon 05/06/00																												
630	1624	Security aspects		No	WG SAI			Fri 02/06/00																												
631	2550	Charging and QoS Management		No	WG SAI			Wed 03/01/01																												
632	2551	IE for QoS PS Domain		No	WG CN1			Wed 03/01/01																												
633	2552	Interwork with External Networks		No	WG CN3			Wed 03/01/01																												
634	1481	RAB Quality of Service (re)Negotiation over lu		No	WG RAN3	QoSPS-MAFEND-RA	TSG	Mon 21/08/00																												
635	1991	RAB Quality of Service Negotiation over lu		No	WG RAN3	QoSPS-MAFEND-RA	TSG	Mon 21/08/00																												
636	2456	RAB Quality of Service Negotiation over lu during relocation		No	WG RAN3	QoSPS-MAFEND-RA		Fri 02/03/01																												
637	1992	RAB Quality of Service Re-Negotiation over lu		No	WG RAN3	QoSPS-MAFEND-RA	TSG	Mon 25/09/00																												
638	1553	GERAN QoS Aspects - Handovers: maintenance of real-t		No	SG GERAN	GERQoS		Mon 03/01/00																												
639	2396	Handover for the PS domain		No	SG GERAN			Mon 03/01/00																												
640	2309	Stable RT handover report 25.936 including header removal		No	SG GERAN			Mon 03/01/00																												
641	2307	Update of stage 2		No	SG GERAN			Mon 03/01/00																												
642	2308	Update of relevant stage 3 specs		No	SG GERAN			Mon 03/01/00																												
643	1685	PS-domain handover for real-time services		No	WG RAN3	QoSPS-PS-RTS	TSG	Mon 28/08/00																												
644	2554	RAB QoS Renegotiation at Relocation		No	WG RAN4			Wed 03/01/01																												
645	2556	End to End QoS for PS Domain (including IMS)	Rel5	No	WG SAI	E2EQoS	WG	Wed 03/01/01																												
646	2557	E2E QoSConcept and Architecture		No	WG SAI			Wed 03/01/01																												
647	2558	E2E QoS Interworking		No	WG CN3			Mon 05/03/01																												
648	2559	QoS Management (Provisioning and Monitoring)		No	WG SAI			Mon 05/03/01																												
649	2560	Messaging enhancements Rel-5	Rel5	No	WG T2	MES55	WG	Tue 22/02/00																												
650	2573	Definition of service requirements		No	WG SAI	MMS		Tue 22/02/00																												
651	2571	Multimedia Messaging (MMS) enhancements	Rel5	No	WG T2	MES55-MMS	WG	Mon 14/05/01																												
652	2572	Enhanced Messaging Service (EMS) enhancements	Rel5	No	WG T2	ME555-EMS	WG	Mon 14/05/01																												

Task
Task Progress



Critical Task
Critical Task Progress



Milestone
Summary



Rolled Up Task
Rolled Up Critical Task



Rolled Up Milestone
Rolled Up Progress



Split
External Tasks



Project Summary
Summary Progress

