

CN1 changes after CN1#14, 20-24, Nov. 2000

- ID 1654 / 1321, target date moved to TSGN #11
- WT to be added for CN1 in GSM 700, 100 % complete in TSGN #10
- ID 1526/ 1360: new approach with pre-negotiation is being considered but no CN1 plans are available yet.
- ID 1657: 100 % completed.
- ID 526: CN1 LCS 10%
- ID 1998 and ID 1278, same WT gets the same WID. Make a clear note in each.

ID	Unique ID	Name	Release	Splitable	Resource Name	Modified	Acronym	Level of	Start	Finish	% Complete	Impacted TSs and T	Hyperlink	WI rapporteur name	WI rapporteur e-mail	MCC resp	Notes	
63	1273	Provisioning of IP-based multimedia services	Rel5	No	WG SA1	No	IMS	TSG	Mon 21/02/00	Fri 27/09/02	7%		SP-000216	Cataldo, Motorola		haelC/Alain	osed S1-000290...	
64	1274	Call control and roaming to support IP-based multimedia services		No	WG SA2	No	IMS-CCR	TSG	Mon 21/02/00	Fri 04/01/02	10%		SP-000289	Liz Daniel, Lucent				
68	1998	IP multimedia subsystem signalling flows		No	WG CN1	Yes	IMS-CCR	TSG	Mon 02/10/00	Fri 28/12/01	0%	TS 24.228	NP-000568				TS 24.228...	
70	1278	IP multimedia subsystem stage 3		No	WG CN1	Yes	IMS-CCR	TSG	Mon 02/10/00	Fri 28/12/01	0%	TS 24.229	NP-000568				TS 24.229...	
71	1804	SIP interactions with the Rel4 Supl Services		No	WG CN1	No	IMS-CCR	CHAIR	Mon 02/10/00	Fri 28/12/01	0%			Keith Drage, Lucent	rage@lucent.com		uirements from S1	
73	1651	Stage 3 if applicable		No	WG CN1	No	IMS-CCR	CHAIR	Wed 28/02/01	Fri 28/12/01	0%			Keith Drage, Lucent	drage@lucent.com		uirements from S1	
75	1281	Multimedia Capabilities		No	WG CN1	No	IMS-CCR	MCC	Mon 04/09/00	Thu 02/08/01	0%			Keith Drage, Lucent	rage@lucent.com		rsion, MS CM, etc.	
76	1282	Terminal capabilities		No	WG CN1	No	IMS-CCR	MCC	Mon 20/11/00	Thu 02/08/01	0%			Keith Drage, Lucent	drage@lucent.com		ersion, MS CM, etc.	
78	1805	Network capabilities		No	WG CN1	No	IMS-CCR	MCC	Tue 17/10/00	Fri 29/06/01	0%			Keith Drage, Lucent	drage@lucent.com		rotocol version, etc.	
90	1294	Interworking with other multimedia protocols		No	WG CN3	No	IMS-CCR	MCC	Mon 28/08/00	Fri 28/12/01	1%						/M, H.320, H.248)...	
92	1296	Impact on MM/CC/SM		No	WG CN1	No	IMS-CCR	MCC	Mon 28/03/01	Fri 28/12/01	0%			Keith Drage, Lucent	drage@lucent.com			
115	1652	Emergency call enhancements	NA	Yes	WG CN1	No	EMC1	WG	Mon 03/04/00	Fri 28/12/01	10%			Keith Drage, Lucent	ouzbek, Ericsson	@am1.ericsson.se	Ban	
116	1653	For IP & PS based calls	Rel5	No	WG CN1	No	EMC1-PS	TSG	Mon 03/04/00	Fri 28/12/01	5%		NP-000380	ouzbek, Ericsson	@am1.ericsson.se			
117	1314	Service Requirements for IP-based emergency calls		No	WG SA1	No		MCC	Mon 18/09/00	Tue 21/11/00	64%	22.976						
118	1315	SIP emergency calls and packet emergency calls signalling flows		No	WG CN1	Yes	EMC1-PS-SIP	MCC	Tue 17/10/00	Fri 28/12/01	0%	TS 24.228		Rouzbek, Ericsson	@am1.ericsson.se		CN1 spec24.228...	
119	1316	Stage 2 for emergency calls and packet emergency calls in general		No	WG SA2	No		MCC	Mon 02/10/00	Mon 12/02/01	31%						vered by TS 23.228	
120	1317	Distinction of emergency call types to different emergency services		No	WG CN1	No	EMC1-PS-types	MCC	Tue 13/02/01	Wed 12/09/01	0%							
121	2101	Emergency call recalling capability enhancement		No	WG CN1	No	EMC1-PS-RECCAP	MCC	Mon 07/08/00	Tue 20/03/01	0%			Rouzbek, Ericsson	@am1.ericsson.se			
122	1646	Stage 3 for emergency calls and packet emergency calls in general		No	WG CN1	Yes	EMC1-PS-STAGE3	MCC	Mon 14/08/00	Fri 28/12/01	0%	TS 24.229	NP-000380	houmand, Ericsson	and@ericsson.com		ontracted to IETF...	
123	1605	(Copy2) Ensure reliable QoS for PS domain and IM subsystem		No	WG SA2	No		MCC	Mon 03/04/00	Fri 30/03/01	3%						to be used in UMTS	
124	1654	For CS based calls	Rel4	No	WG CN1	No	EMC1-CS	TSG	Mon 01/05/00	Tue 13/03/01	39%		NP-000379	ouzbek, Ericsson	@am1.ericsson.se			
126	1999	Distinction in CS domain of emergency calls to different emergency types		No	WG CN1	No	EMC1-CS-DIST	MCC	Mon 28/08/00	Tue 26/09/00	100%						ergency centres...	
127	1321	Emergency call recalling capability enhancement		No	WG CN1	Yes	EMC1-CS-RECCAP	MCC	Mon 07/08/00	Tue 13/03/01	15%			Rouzbek, Ericsson	@am1.ericsson.se			
143	1333	CS multimedia services	Rel4	No	WG SA2	No	CSM	MCC	Fri 14/04/00	Mon 14/01/02	0%						Alain	
146	1655	Circuit-switched multimedia swap and fallback		No	WG CN3	No	CSM-SWAP	MCC	Fri 14/04/00	Fri 30/03/01	0%		NP-000051	ha Räsänen, Nokia	sanen@nokia.com		cated to N3 by N1.	
147	1335	Call control and signalling aspects		No	WG CN1	No	CSM-SWAP-CC	MCC	Fri 14/04/00	Thu 14/12/00	0%				?			
154	1340	Facsimile	Rel4	No	WG SA1	No	FAX	TSG	Tue 22/02/00	Fri 22/12/00	74%		SP-000169				Alain	
155	1341	Real Time Fax		No	WG SA2	No	FAX-RT	MCC	Tue 22/02/00	Fri 23/06/00	100%						to R00, SP-000169	
157	1343	Signalling aspects (e.g. ICM)		No	WG CN1	No	FAX-RT-SIGN	MCC	Tue 22/02/00	Fri 23/06/00	100%						?	
177	1526	Bearer Modification without pre-notification	Rel4	No	WG SA1	Yes	BMWPN	TSG	Wed 01/03/00	Fri 05/04/02	13%		SP-000216	ayne Ashwell, BT			David	
179	1359	Service Modification without pre-notification		No	WG CN3	No	BMWPN-SMWOP	TSG	Mon 14/08/00	Fri 30/03/01	0%	23.108, 23.146, 22.1	NP-000381	ahiko Yahagi, NEC	mcs.abk.nec.co.jp		Modified title	
180	1360	In call modify procedure		No	WG CN1	Yes	BMWPN-SMWPN-IC	MCC	Mon 14/08/00	Thu 14/12/00	0%				ahiko Yahagi, NEC	mcs.abk.nec.co.jp		are available yet...
252	1625	Wideband Telephony Service - AMR (Master)	Rel4	No	WG SA4	No	AMRWB	TSG	Sat 01/01/00	Mon 11/06/01	52%		SP-99354	arga, Siemens AG	@mch.siemens.de		Paolo	
267	889	Implementation		No	WG SA4	No		MCC	Tue 03/10/00	Fri 29/12/00	0%							
270	1656	In CN, see notes		No	WG CN1	No		CHAIR	Mon 20/11/00	Fri 29/12/00	0%				w Howell / Motorola		indication to MS.....	
271	1541	Transcoder-Free Operation	Rel4	No	TSG CN	No	TrFO	MCC	Mon 03/01/00	Fri 30/03/01	11%						Kimmo	
272	112	OoBTC solution		No	WG CN4	No	TRFO-OoBTC	WG	Mon 03/01/00	Fri 30/03/01	13%		N4-000531	Iyuki Tamura, NEC	Isf.ncos.nec.co.jp			
275	1657	Codec Negotiation between UE and MSC		No	WG CN1	Yes	TRFO-OoBTC-CODN	TSG	Mon 14/08/00	Fri 02/02/01	100%	24.008, 23.009, 23.1			w Howell / Motorola		R99 status sheet...	
309	1536	Location Services enhancements	NA	Yes	WG SA2	No	LCS1	TSG	Fri 31/03/00	Fri 28/12/01	20%		SP-000292	Jan Kall, Nokia			Alain	
318	525	LCS support in the PS domain	Rel4	No	WG SA2	No	LCS1-PS		Mon 01/05/00	Fri 30/03/01	32%							
321	1180	Stage 3		No	WG CN1	No			Mon 21/08/00	Fri 30/03/01	3%						? which notation?	
322	526	Layer 3 LCS signaling UE (MS) -SGSN (UMTS PS and GSM-GPRS)		No	WG CN1	Yes	LCS1-PS-L3SIG		Mon 21/08/00	Wed 13/12/00	10%				ne Muhonen / Nokia			
335	1542	Ensure reliable QoS for PS domain (Master)	Rel4	No	WG SA2	No	QoSPS	MCC	Mon 03/04/00	Fri 30/03/01	3%						David	
337	1658	stage 3 for End-to-end QoS (re)negotiation and reservation mecha		No	WG CN1	No	QoSPS-ENDEND	MCC	Mon 25/09/00	Fri 26/01/01	0%				izu / NTT DoCoMo		are known to CN1	

ID	Unique ID	Name	Release	Splitable	Resource Name	Modified	Acronym	Level of	Start	Finish	% Complete	Impacted TSs and T	Hyperlink	WI rapporteur name	WI rapporteur e-mail	MCC resp	Notes
338	1545	GMM and SM aspects		No	WG CN1	No	QoS-SPS-ENDEND-GM	MCC	Mon 25/09/00	Tue 23/01/01	0%			izu / NTT DoCoMo			are known to CN1
348	1551	Possible new code points in QoS IE from external networks		No	WG CN1	No	QoS-SPS-ENDEND-CP	MCC	Thu 22/06/00	Mon 14/08/00	0%			izu / NTT DoCoMo			are known to CN1
349	1659	Possible new code points in QoS IE for UMTS		No	WG CN1	No	QoS-SPS-ENDEND-CP	MCC	Thu 22/06/00	Mon 14/08/00	0%			izu / NTT DoCoMo			are known to CN1
350	1660	Mapping between the QoS UMTS point codes and the QoS External		No	WG CN1	No	QoS-SPS-ENDEND-CP	MCC	Thu 22/06/00	Mon 14/08/00	0%			izu / NTT DoCoMo			are known to CN1
378	1571	Security enhancements	NA	No	WG SA3	No	SEC1-	TSG	Mon 03/01/00	Fri 28/09/01	7%		SP-000421	Howard, Vodafone	vf.vodafone.co.uk	Maurice	rapporteur added
381	1588	Evolution of GSM PS algorithms (e.g. GEA 2 deployment)	Rel4	No	WG SA3	No	SEC1-PSALGO1	TSG	Tue 22/02/00	Fri 22/12/00	36%		SP-000307	?	?		TSG#09 (09/2000)
384	1661	GEA capability indication in MS CM		No	WG CN1	No	SEC1-PSALGO1-GE	MCC	Mon 19/06/00	Fri 22/12/00	100%			/Vodafone Airtouch			
424	1924	GERAN definition (to be dispatched to other features)	NA	Yes	SG GERAN	No	GERAN	TSG	Mon 03/01/00	Fri 28/12/01	0%					Paolo	
427	1927	GERAN/UTRAN interface evolution	Rel4	No	SG GERAN	No		TSG	Fri 01/09/00	Fri 28/12/01	0%						
460	1954	700 MHz spectrum support		No	SG GERAN	No		TSG	Fri 01/09/00	Fri 28/12/01	1%						
464	2131	GERAN support for the 700 MHz band- Stage3 (new)		No	WG CN1	Yes		WG	Mon 20/11/00	Fri 24/11/00	100%						roduced in CN1#14
486	2128	Mobile IPv6 in overlay of PS domain	Rel5	No	WG SA2	No	MIPv6	WG	Mon 15/01/01	Fri 19/10/01	0%		S2-002061	rtin Harris, Orange	rris@orange.co.uk	Alain	
488	2130	Stage 3		No	WG CN1	No		S2	Mon 30/04/01	Fri 19/10/01	0%	29,060					

N1-001052 Work_Plan_3GPP_001011/ MCC

Presentation: Presented by the chairman.

Discussion: QoS is also an Issue to be studied by N1, also UE-CN QoS channel is needed to be studied. Emergency call enhancement- Packet based: Extension of date agreed in TSGN#9 to make it as the end of the multimedia WI where it is not possible to have the EMC before the basic call!

Changes agreed by the meeting:

- ID 1998 it is changing the title and to Signalling flows and add the specification number 3GPP TS 24.228
- ID 1278 needs to be named the title of 3GPP TS 24.229 and add the spec number.
- ID 1804 and ID 1651 is under N1 responsibility but we need feed back from S1 for the requirements.
- ID 1321 add the work task "Emergency call recalling capability enhancement" to PS ECE- BB
- ID 1315 add a comment will not cause to create a new specification as such , it will be covered in CN1 multimedia specifications. Detailed CLFWS for EMC in 24.228
- ID 1646 will be covered by 24.229. Change the titles to " Stage 3 for emergency calls and packet emergency calls in general". 3 different work task for this issue should be aligned with the Multimedia work task , the third is for 23.228/ S2!!Alain is informed.
- ID 1408, ID 1412 neither is clear, CN1 would like to know what we are expected to do. We have not done anything yet!
- ID 892 is questionable, delete and keep 1656, David B is informed to do it.
- ID 1656 and 1657: link these two with a note in both as one common set of codec negotiation procedures will be specified.
- ID 1180 , ID 526, ID 527 check how they related, the notation..
- ID 1659 and 1545: The note from 1551 to be duplicated to these WTs as it applies to all of them.
- ID 1661 is to be marked 100%
- UE triggered re-authentication is missing . Suppose to be S3, if something is expected from CN1 they need to say that.

Conclusion: Changes are to be incorporated in the new version of the work plan. Duncan Mills is to clarify the "UE triggered re-authentication" issue.

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63	1273	Provisioning of IP-based multimedia services	Rel5	No	WG SA1	No	IMS	TSG	Mon 21/02/00	Fri 27/09/02	7%		SP-000216	Cataldo, Motorola		haelC/Alain	osed S1-000290...	
64	1274	Call control and roaming to support IP-based multimedia services		No	WG SA2	No	IMS-CCR	TSG	Mon 21/02/00	Fri 04/01/02	10%		SP-000289	Liz Daniel, Lucent				
68	1998	IP multimedia subsystem signalling flows		No	WG CN1	Yes	IMS-CCR	TSG	Mon 02/10/00	Fri 28/12/01	0%	TS 24.228	NP-000568				TS 24.228...	
70	1278	IP multimedia subsystem stage 3		No	WG CN1	Yes	IMS-CCR	TSG	Mon 02/10/00	Fri 28/12/01	0%	TS 24.229	NP-000568				TS 24.229...	
71	1804	SIP interactions with the Rel4 Supl Services		No	WG CN1	No	IMS-CCR	CHAIR	Mon 02/10/00	Fri 28/12/01	0%			Keith Drage, Lucent	rage@lucent.com		uirements from S1	
73	1651	Stage 3 if applicable		No	WG CN1	No	IMS-CCR	CHAIR	Wed 28/02/01	Fri 28/12/01	0%			Keith Drage, Lucent	drage@lucent.com		uirements from S1	
75	1281	Multimedia Capabilities		No	WG CN1	No	IMS-CCR	MCC	Mon 04/09/00	Thu 02/08/01	0%			Keith Drage, Lucent	rage@lucent.com		rsion, MS CM, etc.	
76	1282	Terminal capabilities		No	WG CN1	No	IMS-CCR	MCC	Mon 20/11/00	Thu 02/08/01	0%			Keith Drage, Lucent	drage@lucent.com		ersion, MS CM, etc.	
78	1805	Network capabilities		No	WG CN1	No	IMS-CCR	MCC	Tue 17/10/00	Fri 29/06/01	0%			Keith Drage, Lucent	drage@lucent.com		rotocol version, etc.	
90	1294	Interworking with other multimedia protocols		No	WG CN3	No	IMS-CCR	MCC	Mon 28/08/00	Fri 28/12/01	1%						/M, H.320, H.248)...	
92	1296	Impact on MM/CC/SM		No	WG CN1	No	IMS-CCR	MCC	Mon 26/03/01	Fri 28/12/01	0%			Keith Drage, Lucent	drage@lucent.com			
115	1652	Emergency call enhancements	NA	Yes	WG CN1	No	EMC1	WG	Mon 03/04/00	Fri 28/12/01	10%			Keith Drage, Lucent	ouzbek, Ericsson	@am1.ericsson.se	Ban	
116	1653	For IP & PS based calls	Rel5	No	WG CN1	No	EMC1-PS	TSG	Mon 03/04/00	Fri 28/12/01	5%		NP-000380	ouzbek, Ericsson	@am1.ericsson.se			
117	1314	Service Requirements for IP-based emergency calls		No	WG SA1	No		MCC	Mon 18/09/00	Tue 21/11/00	64%	22.976						
118	1315	SIP emergency calls and packet emergency calls signalling flows		No	WG CN1	Yes	EMC1-PS-SIP	MCC	Tue 17/10/00	Fri 28/12/01	0%	TS 24.228		Rouzbek, Ericsson	@am1.ericsson.se		CN1 spec24.228...	
119	1316	Stage 2 for emergency calls and packet emergency calls in general		No	WG SA2	No		MCC	Mon 02/10/00	Mon 12/02/01	31%						vered by TS 23.228	
120	1317	Distinction of emergency call types to different emergency services		No	WG CN1	No	EMC1-PS-types	MCC	Tue 13/02/01	Wed 12/09/01	0%							
121	2101	Emergency call recalling capability enhancement		No	WG CN1	No	EMC1-PS-RECCAP	MCC	Mon 07/08/00	Tue 20/03/01	0%			Rouzbek, Ericsson	@am1.ericsson.se			
122	1646	Stage 3 for emergency calls and packet emergency calls in general		No	WG CN1	Yes	EMC1-PS-STAGE3	MCC	Mon 14/08/00	Fri 28/12/01	0%	TS 24.229	NP-000380	houmand, Ericsson	and@ericsson.com		ontracted to IETF...	
123	1605	(Copy2) Ensure reliable QoS for PS domain and IM subsystem		No	WG SA2	No		MCC	Mon 03/04/00	Fri 30/03/01	3%						to be used in UMTS	
124	1654	For CS based calls	Rel4	No	WG CN1	No	EMC1-CS	TSG	Mon 01/05/00	Tue 13/03/01	39%		NP-000379	ouzbek, Ericsson	@am1.ericsson.se			
126	1999	Distinction in CS domain of emergency calls to different emergency types		No	WG CN1	No	EMC1-CS-DIST	MCC	Mon 28/08/00	Tue 26/09/00	100%						ergency centres...	
127	1321	Emergency call recalling capability enhancement		No	WG CN1	Yes	EMC1-CS-RECCAP	MCC	Mon 07/08/00	Tue 13/03/01	15%			Rouzbek, Ericsson	@am1.ericsson.se			
143	1333	CS multimedia services	Rel4	No	WG SA2	No	CSM	MCC	Fri 14/04/00	Mon 14/01/02	0%						Alain	
146	1655	Circuit-switched multimedia swap and fallback		No	WG CN3	No	CSM-SWAP	MCC	Fri 14/04/00	Fri 30/03/01	0%		NP-000051	ha Räsänen, Nokia	sanen@nokia.com		cated to N3 by N1.	
147	1335	Call control and signalling aspects		No	WG CN1	No	CSM-SWAP-CC	MCC	Fri 14/04/00	Thu 14/12/00	0%				?			
154	1340	Facsimile	Rel4	No	WG SA1	No	FAX	TSG	Tue 22/02/00	Fri 22/12/00	74%		SP-000169				Alain	
155	1341	Real Time Fax		No	WG SA2	No	FAX-RT	MCC	Tue 22/02/00	Fri 23/06/00	100%						to R00, SP-000169	
157	1343	Signalling aspects (e.g. ICM)		No	WG CN1	No	FAX-RT-SIGN	MCC	Tue 22/02/00	Fri 23/06/00	100%						?	
177	1526	Bearer Modification without pre-notification	Rel4	No	WG SA1	Yes	BMWPN	TSG	Wed 01/03/00	Fri 05/04/02	13%		SP-000216	ayne Ashwell, BT			David	
179	1359	Service Modification without pre-notification		No	WG CN3	No	BMWPN-SMWOP	TSG	Mon 14/08/00	Fri 30/03/01	0%	23.108, 23.146, 22.1	NP-000381	ahiko Yahagi, NEC	mcs.abk.nec.co.jp		Modified title	
180	1360	In call modify procedure		No	WG CN1	Yes	BMWPN-SMWPN-IC	MCC	Mon 14/08/00	Thu 14/12/00	0%				ahiko Yahagi, NEC	mcs.abk.nec.co.jp		are available yet...
252	1625	Wideband Telephony Service - AMR (Master)	Rel4	No	WG SA4	No	AMRWB	TSG	Sat 01/01/00	Mon 11/06/01	52%		SP-99354	arga, Siemens AG	@mch.siemens.de		Paolo	
267	889	Implementation		No	WG SA4	No		MCC	Tue 03/10/00	Fri 29/12/00	0%							
270	1656	In CN, see notes		No	WG CN1	No		CHAIR	Mon 20/11/00	Fri 29/12/00	0%				w Howell / Motorola		indication to MS.....	
271	1541	Transcoder-Free Operation	Rel4	No	TSG CN	No	TrFO	MCC	Mon 03/01/00	Fri 30/03/01	11%						Kimmo	
272	112	OoBTC solution		No	WG CN4	No	TRFO-OoBTC	WG	Mon 03/01/00	Fri 30/03/01	13%		N4-000531	Iyuki Tamura, NEC	Isf.ncos.nec.co.jp			
275	1657	Codec Negotiation between UE and MSC		No	WG CN1	Yes	TRFO-OoBTC-CODN	TSG	Mon 14/08/00	Fri 02/02/01	100%	24.008, 23.009, 23.1			w Howell / Motorola		R99 status sheet...	
309	1536	Location Services enhancements	NA	Yes	WG SA2	No	LCS1	TSG	Fri 31/03/00	Fri 28/12/01	20%		SP-000292	Jan Kall, Nokia			Alain	
318	525	LCS support in the PS domain	Rel4	No	WG SA2	No	LCS1-PS		Mon 01/05/00	Fri 30/03/01	32%							
321	1180	Stage 3		No	WG CN1	No			Mon 21/08/00	Fri 30/03/01	3%						? which notation?	
322	526	Layer 3 LCS signaling UE (MS) -SGSN (UMTS PS and GSM-GPRS)		No	WG CN1	Yes	LCS1-PS-L3SIG		Mon 21/08/00	Wed 13/12/00	10%				ne Muhonen / Nokia			
335	1542	Ensure reliable QoS for PS domain (Master)	Rel4	No	WG SA2	No	QoSPS	MCC	Mon 03/04/00	Fri 30/03/01	3%						David	
337	1658	stage 3 for End-to-end QoS (re)negotiation and reservation mecha		No	WG CN1	No	QoSPS-ENDEND	MCC	Mon 25/09/00	Fri 26/01/01	0%				izu / NTT DoCoMo		are known to CN1	

ID	Unique ID	Name	Release	Splitable	Resource Name	Modified	Acronym	Level of	Start	Finish	% Complete	Impacted TSs and T	Hyperlink	WI rapporteur name	WI rapporteur e-mail	MCC resp	Notes
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348	1551	Possible new code points in QoS IE from external networks		No	WG CN1	No	QoS-SPS-ENDEND-CP	MCC	Thu 22/06/00	Mon 14/08/00	0%			izu / NTT DoCoMo			are known to CN1
349	1659	Possible new code points in QoS IE for UMTS		No	WG CN1	No	QoS-SPS-ENDEND-CP	MCC	Thu 22/06/00	Mon 14/08/00	0%			izu / NTT DoCoMo			are known to CN1
350	1660	Mapping between the QoS UMTS point codes and the QoS External		No	WG CN1	No	QoS-SPS-ENDEND-CP	MCC	Thu 22/06/00	Mon 14/08/00	0%			izu / NTT DoCoMo			are known to CN1
378	1571	Security enhancements	NA	No	WG SA3	No	SEC1-	TSG	Mon 03/01/00	Fri 28/09/01	7%		SP-000421	Howard, Vodafone	vf.vodafone.co.uk	Maurice	rapporteur added
381	1588	Evolution of GSM PS algorithms (e.g. GEA 2 deployment)	Rel4	No	WG SA3	No	SEC1-PSALGO1	TSG	Tue 22/02/00	Fri 22/12/00	36%		SP-000307	?	?		TSG#09 (09/2000)
384	1661	GEA capability indication in MS CM		No	WG CN1	No	SEC1-PSALGO1-GE	MCC	Mon 19/06/00	Fri 22/12/00	100%			/Vodafone Airtouch			
424	1924	GERAN definition (to be dispatched to other features)	NA	Yes	SG GERAN	No	GERAN	TSG	Mon 03/01/00	Fri 28/12/01	0%					Paolo	
427	1927	GERAN/UTRAN interface evolution	Rel4	No	SG GERAN	No		TSG	Fri 01/09/00	Fri 28/12/01	0%						
460	1954	700 MHz spectrum support		No	SG GERAN	No		TSG	Fri 01/09/00	Fri 28/12/01	1%						
464	2131	GERAN support for the 700 MHz band- Stage3 (new)		No	WG CN1	Yes		WG	Mon 20/11/00	Fri 24/11/00	100%						roduced in CN1#14
486	2128	Mobile IPv6 in overlay of PS domain	Rel5	No	WG SA2	No	MIPv6	WG	Mon 15/01/01	Fri 19/10/01	0%		S2-002061	rtin Harris, Orange	rris@orange.co.uk	Alain	
488	2130	Stage 3		No	WG CN1	No		S2	Mon 30/04/01	Fri 19/10/01	0%	29,060					

ID		Unique ID	Name	Release	Spitable	Resource Name	Modified	Acronym	TSG Ap	WG App	IGC	Start	Finish	% Complete	Impacted TSs and T	Hyperlink	WI rapporteur name	WI rapporteur e-mail	Notes
61		1273	Provisioning of IP-based multimedia services	Rel5	No	WG SA1	No	IM MuMa	Yes	Yes		Mon 21/02/00	Fri 27/09/02	4%		SP-000216	Cataldo, Motorola		osed S1-000290...
62		1274	Call control and roaming to support IP-based multimedia		No	WG SA2	No		Yes	Yes		Mon 21/02/00	Fri 04/01/02	5%		SP-000289	Liz Daniel, Lucent		
63		1633	Stage 1		No	WG SA1	No		No	No	CCaR	Mon 21/02/00	Fri 15/12/00	44%	22.228		k Cataldo, Motorola	taken from 22.976]	orking requirements
64		1514	Stage 2 (Architecture and Main flows)		No	WG SA2	No		Yes	Yes	CCaR	Fri 14/04/00	Fri 15/12/00	63%	23.228	SP-000289	Liz Daniel, Lucent	revised by TSG#8]	multimedia protocol
65		1277	FS on Impacts on HSS		No	WG CN4	No		No	No	CCaR	Fri 14/04/00	Fri 15/12/00	38%					[Stage 2 assumed]
66		1998	IP multimedia subsystem signalling flows		No	WG CN1	Yes		Yes	Yes	CCaR	Mon 02/10/00	Fri 28/12/01	0%	TS 24.228	NP-000568			TS 24.228
67		1673	MLST: Stage 3 for basic calls		No		No		No	No	CCaR	Thu 22/03/01	Thu 22/03/01	0%					, Cx, Gm, Mg, Mw)
68		1278	IP multimedia subsystem stage 3		No	WG CN1	Yes		Yes	Yes	CCaR	Mon 02/10/00	Fri 28/12/01	0%	TS 24.229	NP-000568			TS 24.229
69		1804	SIP interactions with the Rel4 Supl Services		No	WG CN1	Yes		No	No	CCaR	Mon 02/10/00	Fri 28/12/01	0%			Keith Drage, Lucent	drage@lucent.com	uirements from S1
70		1650	Check if any		No	WG SA1	No		No	No	CCaR	Mon 02/10/00	Mon 12/02/01	0%					
71		1651	Stage 3 if applicable		No	WG CN1	Yes		No	No	CCaR	Wed 28/02/01	Fri 28/12/01	0%			Keith Drage, Lucent	drage@lucent.com	uirements from S1
72		1280	SIP SS and relationship to Mg, Mw and Cx		No	WG CN4	No		No	No	CCaR	Mon 01/01/01	Fri 28/12/01	0%					
73		1281	Multimedia Capabilities		No	WG CN1	No		No	No	CCaR	Mon 04/09/00	Thu 02/08/01	0%			Keith Drage, Lucent	drage@lucent.com	rsion, MS CM, etc.
74		1282	Terminal capabilities		No	WG CN1	No		No	No	CCaR	Mon 20/11/00	Thu 02/08/01	0%			Keith Drage, Lucent	drage@lucent.com	ersion, MS CM, etc.
75		1806	Terminal capabilities and Interactions on running multimedia from		No	WG T2	No		No	No	CCaR	Mon 01/01/01	Fri 29/06/01	0%					ersion, MS CM, etc.
76		1805	Network capabilities		No	WG CN1	No		No	No	CCaR	Tue 17/10/00	Fri 29/06/01	0%			Keith Drage, Lucent	drage@lucent.com	rotocol version, etc.
77		1285	Network capabilities (N4 aspects)		No	WG CN4	No		No	No	CCaR	Mon 04/09/00	Fri 29/06/01	0%					rotocol version, etc.
78		1286	CSCF – HSS (Cx) applications and services (SCP)		No	WG SA2	No		No	No		Fri 14/04/00	Fri 04/01/02	0%					
79		1515	Stage 2 flows		No	WG SA2	No		No	No		Fri 14/04/00	Fri 15/12/00	0%					
80		2021	Stage 2 flows (N4) (see note)		No	WG CN4	No		No	No	CCaR	Fri 14/04/00	Mon 18/12/00	0%					cts with WI above !!
81		2023	Impacts from CAMEL		No	WG CN4	No		No	No	CCaR	Mon 19/06/00	Fri 29/06/01	0%					ments at TSG N#9
82		1288	Impact on Camel Stage 3		No	WG CN2	No		No	No	CCaR	Mon 19/06/00	Fri 29/06/01	0%					
83		1289	Impact on MAP		No	WG CN4	No		No	No	CCaR	Mon 18/12/00	Fri 04/01/02	0%					
84		2024	Stage 3 protocol on Cx		No	WG CN4	No		No	No	CCaR	Mon 18/12/00	Fri 04/01/02	0%					ments at TSG N#9
85		1290	Addressing, Identities		No	WG SA2	No		No	No	CCaR	Mon 14/08/00	Fri 29/06/01	0%					
86		1291	Architectural issues		No	WG SA2	No		No	No	CCaR	Mon 14/08/00	Fri 15/12/00	0%					
87		1292	Impact on HSS		No	WG CN4	No		No	No	CCaR	Mon 04/09/00	Fri 29/06/01	0%					
88		1293	Interworking		No	WG CN3	No		No	No	CCaR	Mon 04/09/00	Fri 29/06/01	0%					
89		1294	SIP interworking with other multimedia protocols		No	WG CN3	No		No	No	CCaR	Mon 28/08/00	Fri 28/12/01	1%					/M, H.320, H.248)...
90		1295	Requirements		No	WG SA1	No		No	No	CCaR	Mon 04/09/00	Fri 23/03/01	3%					
91		1296	Impact on MM/CC/SM		No	WG CN1	No		No	No	CCaR	Mon 26/03/01	Fri 28/12/01	0%			Keith Drage, Lucent	drage@lucent.com	
92		2047	Multimedia domain and CS networks Interworking		No	WG CN3	No		Yes	No	BaAS	Mon 28/08/00	Wed 28/03/01	0%	23.821, new TRxx.xx	NP-000465	Kevin Bye, BT	kevin.bye@bt.com	Is" [DAB - 05/10/00]
93		2048	Multimedia domain and IP networks Interworking		No	WG CN3	No		No	No	BaAS	Mon 28/08/00	Wed 28/03/01	0%	23.821, 29.061 and n	NP-000466	Kevin Bye, BT	kevin.bye@bt.com	Is" [DAB - 05/10/00]
115		1652	Emergency call enhancements	NA	Yes	WG CN1	No		No	Yes	CCaR	Mon 03/04/00	Fri 28/12/01	6%			ouzbek, Ericsson	@am1.ericsson.se	
116		1653	For IP & PS based calls	Rel5	No	WG CN1	No	PS Emergency call	Yes	Yes	CCaR	Mon 03/04/00	Fri 28/12/01	3%		NP-000380	ouzbek, Ericsson	@am1.ericsson.se	
117		1314	Service Requirements for IP-based emergency calls		No	WG SA1	No		No	No	CCaR	Mon 18/09/00	Tue 21/11/00	64%	22.976				
118		1315	SIP emergency calls and packet emergency calls signalling flowst		No	WG CN1	Yes		No	No	CCaR	Tue 17/10/00	Fri 28/12/01	0%			Rouzbek, Ericsson	@am1.ericsson.se	CN1 spec24.228...
119		1316	Stage 2 for emergency calls and packet emergency calls in general		No	WG SA2	Yes		No	No	CCaR	Mon 02/10/00	Mon 12/02/01	0%					vered by TS 23.228
120		1317	Distinction of emergency call types to different emergency services		No	WG CN1	Yes		No	No	CCaR	Tue 13/02/01	Wed 12/09/01	0%					
121		2097	Emergency call recalling capability enhancement		No	WG CN1	Yes		No	No	CCaR	Mon 07/08/00	Tue 20/03/01	0%			Rouzbek, Ericsson	@am1.ericsson.se	
122		1646	Stage 3 for emergency calls and packet emergency calls in general		No	WG CN1	Yes		No	No	CCaR	Mon 14/08/00	Fri 28/12/01	0%	New TS xx.xxx	NP-000380	houmand, Ericsson	and@ericsson.com	ontracted to IETF...
123		1605	(Copy2) Ensure reliable QoS for PS domain and IM subsystem		No	WG SA2	No		No	No		Mon 03/04/00	Fri 30/03/01	3%					to be used in UMTS
124		1654	For CS based calls	Rel4	No	WG CN1	No	CS Emergency call	Yes	Yes	CCaR	Mon 01/05/00	Tue 20/03/01	28%		NP-000379	ouzbek, Ericsson	@am1.ericsson.se	
125		1320	Distinction in CS domain of emergency call types to different emerge		No	WG SA1	No		No	No	CCaR	Mon 01/05/00	Fri 23/06/00	100%					

ID		Unique ID	Name	Release	Splitable	Resource Name	Modified	Acronym	TSG Ap	WG App	IGC	Start	Finish	% Complete	Impacted TSs and T	Hyperlink	WI rapporteur name	WI rapporteur e-mail	Notes
126		1999	Distinction in CS domain of emergency calls to different emergency t		No	WG CN1	No		No	No		Mon 28/08/00	Tue 26/09/00	100%					ergency centres...
127		1321	Emergency call recalling capability enhancement		No	WG CN1	No		No	No	CCaR	Mon 07/08/00	Tue 20/03/01	0%			Rouzbeh, Ericsson	@am1.ericsson.se	
143		1333	CS multimedia services	Rel4	No	WG SA2	No	CS MuMa	No	No	CCaR	Fri 14/04/00	Mon 14/01/02	0%					
146		1655	Circuit-switched multimedia swap and fallback		No	WG CN3	No		Yes	No	CCaR	Fri 14/04/00	Mon 14/01/02	0%		NP-000051	ha Räsänen, Nokia	sanen@nokia.com	cated to N3 by N1.
147		1335	Call control and signalling aspects		No	WG CN1	No		No	No	CCaR	Fri 14/04/00	Thu 14/12/00	0%			?		
154		1340	Facsimile	Rel4	No	WG SA1	No	FAX	Yes	Yes		Tue 22/02/00	Fri 22/12/00	74%		SP-000169			
155		1341	Real Time Fax		No	WG SA2	No		No	No	CCaR	Tue 22/02/00	Fri 23/06/00	100%					to R00, SP-000169
157		1343	Signalling aspects (e.g. ICM)		No	WG CN1	No		No	No	CCaR	Tue 22/02/00	Fri 23/06/00	100%			?		
177		1526	Bearer Modification without pre-notification	Rel4	No	WG SA1	No		Yes	Yes	CCaR	Wed 01/03/00	Fri 05/04/02	13%		SP-000216	ayne Ashwell, BT		
179		1359	Service Modification without pre-notification		No	WG CN3	No		Yes	Yes	CCaR	Mon 14/08/00	Fri 30/03/01	0%	23.108, 23.146, 22.1	NP-000381	ahiko Yahagi, NEC	mcs.abk.nec.co.jp	Modified title
180		1360	In call modify procedure		No	WG CN1	No		No	No	CCaR	Mon 14/08/00	Thu 14/12/00	0%			ahiko Yahagi, NEC	mcs.abk.nec.co.jp	
189		1367	VHE enhancements	NA	Yes	WG SA1	No	VHE	Yes	Yes	CCaR	Wed 28/06/00	Fri 28/12/01	1%		SP-000216	un, Fujitsu Europe		
190		1368	Evolution of VHE concepts (Master)	NA	Yes	WG SA2	No		No	No	CCaR	Wed 28/06/00	Fri 28/12/01	2%					
195		1404	Introduction of VHE within the IM subsystem	Rel5	No	WG SA2	No		No	No	CCaR	Wed 28/06/00	Fri 28/12/01	2%					
197		1406	Interaction between SIP and VHE/OSA		No	WG SA2	No		No	No	CCaR	Mon 18/09/00	Fri 28/12/01	2%					
199		1408	Stage 3 -MM/CC aspects		No	WG CN1	Yes		No	No	CCaR	Thu 30/11/00	Fri 28/12/01	0%			?		ork in this area yet.
201		1410	Interaction between HSS and gsmSCF features and VHE/OSA		No	WG SA2	No		No	No	CCaR	Mon 25/09/00	Fri 28/12/01	0%					
203		1412	Stage 3 -MM/CC aspects		No	WG CN1	Yes		No	No	CCaR	Thu 07/12/00	Fri 28/12/01	0%			?		rk in this area yet...
272		1625	Wideband Telephony Service - AMR (Master)	Rel4	No	WG SA4	No	AMR-WB	Yes	No	Cod	Sat 01/01/00	Mon 11/06/01	49%		SP-99354	arga, Siemens AG	@mch.siemens.de	
273		62	Specification		No	WG SA4	No		No	No	Cod	Sat 01/01/00	Mon 11/06/01	62%					
274		1459	Design Constraints		No	WG SA4	No		No	No	Cod	Mon 03/01/00	Mon 07/02/00	100%					
275		1460	General Description		No	WG SA4	No		No	No	Cod	Mon 07/02/00	Mon 17/04/00	100%					
276		1626	Feasibility Study		No	WG SA4	No		Yes	No	Cod	Fri 28/04/00	Fri 02/06/00	100%	TR 26.901	SP-000024			: TR 26.901 v.4.0.0
277		67	Codec issues		No	WG SA4	No		No	No	Cod	Tue 01/02/00	Fri 08/12/00	69%					
278		1627	Codec qualification		No	WG SA4	No		Yes	No	Cod	Tue 01/02/00	Tue 30/05/00	100%					
279		74	Codec selection tests		No	WG SA4	No		No	No	Cod	Thu 01/06/00	Fri 20/10/00	80%					CRs
280		891	Codec selection		No	WG SA4	No		No	No	Cod	Mon 23/10/00	Fri 27/10/00	0%					CRs
281		890	Other codec issues		No	WG SA4	No		No	No	Cod	Fri 29/09/00	Fri 08/12/00	0%					CRs
282		1989	Testing		No		No		No	No		Mon 11/12/00	Mon 11/12/00	0%					
283		1855	Conformance tests (CRs to 34 series)		No	WG T1	No		No	No	Cod	Mon 11/12/00	Mon 11/06/01	0%					be changed to SA4
284		76	Terminal Acoustic Characteristics		No	WG SA4	No		No	No	Cod	Sat 01/01/00	Wed 12/04/00	100%					
285		1628	Definition		No	WG SA4	No		Yes	No	Cod	Sat 01/01/00	Mon 31/01/00	100%	26.131				
286		1629	Test specification		No	WG SA4	No		Yes	No	Cod	Tue 01/02/00	Wed 12/04/00	100%	26.132				
287		889	Implementation		No	WG SA4	No		No	No	Cod	Tue 03/10/00	Fri 29/12/00	0%					
288		893	In UTRAN		No	TSG RAN	No		No	No	Cod	Tue 03/10/00	Fri 29/12/00	0%		unknown			act RAN or delete it
289		80	In GERAN		No	SG GERAN	No		No	No	Cod	Tue 03/10/00	Fri 29/12/00	0%					
290		892	In CN		No	TSG CN	No		No	No	Cod	Mon 20/11/00	Fri 29/12/00	0%					
291		1656	Impact on N1, see notes		No	WG CN1	Yes		No	No	Cod	Mon 20/11/00	Fri 29/12/00	0%			w Howell / Motorola		indication to MS.....
292		1541	Transcoder-Free Operation	Rel4	No	TSG CN	No	TrFO	No	No	Cod	Mon 03/01/00	Fri 30/03/01	1%					
293		112	OoBTC solution		No	WG CN4	No	OoBTC	No	Yes	Cod	Mon 03/01/00	Fri 30/03/01	1%		N4-000531	iyuki Tamura, NEC	isf.ncos.nec.co.jp	
296		1657	Codec Negotiation between UE and MSC		No	WG CN1	Yes		Yes	No	Cod	Mon 14/08/00	Fri 02/02/01	0%	24.008, 23.009, 23.1		w Howell / Motorola		R99 status sheet...
329		1536	Location Services enhancements	NA	Yes	WG SA2	No	LCS	Yes	Yes	Loc	Fri 14/04/00	Fri 28/12/01	22%		SP-000292	Jan Kall, Nokia		
338		525	LCS support in the PS domain	Rel4	No	WG SA2	No		No	No	Loc	Mon 01/05/00	Fri 30/03/01	32%					
339		1642	Stage 1		No	WG SA1	No		No	No	Loc	Mon 03/07/00	Fri 25/08/00	100%	22.071		acific Bell Wireless	ohler@tri.sbc.com	ntext is established

ID		Unique ID	Name	Release	Splitable	Resource Name	Modified	Acronym	TSG Ap	WG App	IGC	Start	Finish	% Complete	Impacted TSs and T	Hyperlink	WI rapporteur name	WI rapporteur e-mail	Notes
340		1181	Stage 2		No	WG SA2	No		No	No	Loc	Mon 01/05/00	Fri 24/11/00	67%					
341		1180	Stage 3		No	WG CN1	Yes		No	No	Loc	Mon 21/08/00	Fri 30/03/01	0%					? which notation?
342		526	Layer 3 LCS signaling UE (MS) -SGSN (UMTS PS and and GS		No	WG CN1	No		No	No	Loc	Mon 21/08/00	Wed 13/12/00	0%			ne Muhonen / Nokia		
343		527	GTP signaling for LCS		No	WG CN4	No		No	No	Loc	Mon 21/08/00	Fri 30/03/01	0%					
352		1542	Ensure reliable QoS for PS domain and IM subsystem	Rel4	No	WG SA2	No	QoS PS	No	No		Mon 03/04/00	Fri 30/03/01	3%					be used in UMTS
354		1658	stage 3 for End-to-end QoS (re)negotiation and reserva		No	WG CN1	No		No	No	QoS	Mon 25/09/00	Fri 26/01/01	0%			izu / NTT DoCoMo		are known to CN1
355		1545	GMM and SM aspects		No	WG CN1	Yes		No	No	QoS	Mon 25/09/00	Tue 23/01/01	0%			izu / NTT DoCoMo		are known to CN1
356		1546	GTP aspects		No	WG CN4	No		No	No	QoS	Mon 25/09/00	Fri 26/01/01	0%					
365		1551	Possible new code points in QoS IE from external netw		No	WG CN1	No		No	No	QoS	Thu 22/06/00	Mon 14/08/00	0%			izu / NTT DoCoMo		are known to CN1
366		1659	Possible new code points in QoS IE for UMTS		No	WG CN1	No		No	No	QoS	Thu 22/06/00	Mon 14/08/00	0%			izu / NTT DoCoMo		are known to CN1
367		1660	Mapping between the QoS UMTS point codes and the Q		No	WG CN1	No		No	No	QoS	Thu 22/06/00	Mon 14/08/00	0%			izu / NTT DoCoMo		are known to CN1
394		1571	Security enhancements	NA	Yes	WG SA3	No		No	No	Sec	Mon 03/01/00	Fri 22/06/01	4%		not needed			
395		1587	Evolution of GSM CS algorithms (e.g. A5/3 developmen	Rel4	No	WG SA3	No		Yes	Yes	Sec	Mon 03/01/00	Thu 12/10/00	0%		SP-000306	?	?	ved at TSG, May 01
396		1588	Evolution of GSM PS algorithms (e.g. GEA 2 deploymen	Rel4	No	WG SA3	No		Yes	Yes	Sec	Tue 22/02/00	Fri 22/12/00	25%		SP-000307	?	?	
397		1589	Main aspects		No	WG SA3	No		No	No	Sec	Tue 22/02/00	Fri 24/11/00	0%					d at TSG level, Sep
398		1618	Impact on GTP		No	WG CN4	No		No	Yes		Mon 20/03/00	Fri 22/12/00	0%					
399		1661	GEA capability indication in MS CM		No	WG CN1	Yes		No	No	Sec	Mon 19/06/00	Fri 22/12/00	100%			/ Vodafone Airtouch		
400		1572	Protection for user plane data	Rel5	Yes	WG SA3	No		Yes	Yes	Sec	Mon 14/02/00	Fri 22/06/01	0%		SP-000298	uart Ward, Orange	ard@orange.co.uk	
401		1573	Integrity protection in access network		No	WG SA3	No		No	No	Sec	Mon 14/02/00	Fri 22/06/01	0%					N, RAN, T, GERAN
402		1574	Integrity protection in core network		No	WG SA3	No		No	No	Sec	Mon 14/02/00	Fri 22/06/01	0%					t TSG level, Jun 01
403		1575	Network based end-to-end security		No	WG SA3	No		No	No	Sec	Mon 14/02/00	Fri 22/06/01	0%					ved at TSG, Dec 01
404		1576	Network domain security		Yes	WG SA3	No		Yes	Yes	Sec	Mon 21/02/00	Thu 21/06/01	5%		SP-000299	Lubarsky, T-Mobil	arsky@T-Mobil.de	
405		1577	Control plane protection in core network (e.g., GTP, CAP, MAP/IP, p	Rel5	No	WG SA3	No		No	No	Sec	Mon 21/02/00	Thu 21/06/01	0%					ved at TSG Jun 01
406		1578	Main aspects		No	WG SA3	No		No	No	Sec	Fri 12/05/00	Thu 21/06/01	0%					ved at TSG Jun 01
407		1579	Integration of GTP signalling security architecture		No	WG CN4	No		No	No	Sec	Mon 21/02/00	Fri 30/03/01	0%					
408		1580	User plane protection in core network (e.g., provided by IPsec)	Rel5	No	WG SA3	No		No	No	Sec	Mon 21/02/00	Thu 21/06/01	10%					
409		1581	Main aspects		No	WG SA3	No		No	No	Sec	Mon 21/02/00	Thu 21/06/01	7%					
410		1582	Integration of GTP signalling security architecture		No	WG CN4	No		No	No	Sec	Tue 22/02/00	Fri 24/11/00	15%					
411		1583	MAP application layer security	Rel4	No	WG SA3	No		Yes	Yes	Sec	Tue 22/02/00	Fri 24/11/00	0%					
412		1584	Main aspects		No	WG SA3	No		No	Yes	Sec	Tue 22/02/00	Fri 24/11/00	0%					d at TSG level Sep
413		2025	Other stage 3 aspects		No	WG CN4	No		Yes	Yes	Sec	Tue 22/02/00	Fri 24/11/00	0%					
414		1586	Key management for core network security		No	WG SA3	No		Yes	Yes	Sec	Mon 03/01/00	Fri 22/06/01	0%		SP-000301	Howard, Vodafone	@vf.vodafone.co.uk	ution (if OK), Jun 01
415		1591	GERAN Security	Rel5	No	WG SA3	No		Yes	Yes	Sec	Mon 21/02/00	Thu 21/06/01	0%		SP-000308	inck, Siemens AG	k@icn.siemens.de	
416		1592	Main aspects		No	WG SA3	No		No	No	Sec	Mon 21/02/00	Thu 21/06/01	0%					ved at TSG, May 01
417		1593	Production of new algorithm		No	WG SA3	No		No	No	Sec	Tue 22/02/00	Wed 24/01/01	0%					contracted to SAGE
418		1594	Visibility and Configurability of security	Rel4	No	WG SA3	No		Yes	Yes	Sec	Mon 03/01/00	Tue 05/12/00	0%		SP-000305	oc, France Telecom	c@francetelecom.fr	at TSG level, Dec
419		1595	FIGS	Rel5	No	WG SA3	No		No	No	Sec	Mon 03/01/00	Fri 22/06/01	0%					pporting companies
420		1612	General security issues	?	No	WG SA3	No		Yes	Yes	Sec	Mon 03/01/00	Fri 30/03/01	0%		SP-000310	Howard, Vodafone	@vf.vodafone.co.uk	ered authentication)
421		2026	Authentication Reporting	?	No	WG SA3	No		No	No		Mon 03/01/00	Tue 04/01/00	0%					without any dates
422		2027	Stage 2		No	WG SA3	No		No	No		Mon 03/01/00	Mon 03/01/00	0%					
423		2028	FS on Network impacts		No	WG CN4	No		No	No		Mon 03/01/00	Tue 04/01/00	0%					