

Third Generation Partnership Project

STATUS REPORT v3.0.0

3GPP TSG-CN#13

Beijing, China
19th – 21st September, 2001



Hosted by Lucent

Chairman: Stephen Hayes, Ericsson Inc. Stephen.hayes@ericsson.com

Vice-Chairman: Ian Park, Vodafone. ian.park@vf.vodafone.co.uk

Vice-Chairman: Kunihiro Taya, NEC taya@bk.jp.nec.com

MCC Support: David Boswarthick, ETSI MCC. david.boswarthick@etsi.fr

Table of contents

1	Opening of the meeting.....	4
2	Approval of Agenda.....	4
3	IPR Declarations	4
4	Items for External Attention.....	4
4.1	For SA Attention.....	4
4.2	Items for PCG Attention.....	5
4.2.1	CN Harmonization.....	5
4.2.2	ITU-T Deliverable preparation.....	5
5	Miscellaneous Issues	5
5.1	ITU Coordination	5
6	Release '99 and earlier Work items.....	5
6.1	CAMEL Phase 2.....	5
6.2	CAMEL Phase 3.....	5
6.3	EDGE.....	5
6.4	GPRS	5
6.5	GTP Enhancements	5
6.6	Handover.....	5
6.7	GSM-UMTS interworking.....	6
6.8	CS Bearers in UMTS	6
6.9	TEI.....	6
7	Release 4	6
7.1	Enable bearer independent CS architecture.....	6
7.2	OSA Enhancements	6
7.3	Transcoder Free Operation	6
7.4	Tandem Free aspects for 3G and between 2G and 3G systems	6
7.5	Location Service enhancements.....	6
7.6	Security enhancements	6
7.7	TEI_4.....	6
7.8	Release Marker for GERAN.....	6
8	Release 5	7
8.1	Provisioning of IP Multimedia Services (IMS)	7
8.2	OSA Enhancements	7
8.3	CAMEL Phase 4.....	7
8.4	Wideband Telephony Service – AMR	7
8.5	End to End QoS.....	7
8.6	Service Change and UDI Fallback.....	7
8.7	Interworking between IMS and CS networks.....	7

8.8	Interworking between IMS and IP networks.....	7
8.9	Feasibility study on SS7 signalling transportation in the CN with SUA	7
8.10	TEI_5.....	7
9	Work Organization	8
10	Work plan.....	8
11	Close of Meeting.....	8
ANNEX A:OUTPUT MATERIAL		9
A.1	Liaisons Approved to be sent following TSG CN meeting #13.....	9
A.2	New TSs /TRs Approved at TSG CN meeting #13	9
A.3	New / Revised Work Items Approved at TSG CN meeting #13	9
A.4	CRs Approved at TSG CN meeting #13	10
A.5	CRs Not Approved at TSG CN meeting #13.....	15
ANNEX B Decisions/Notes on Tdocs by Agenda Item		16
ANNEX C. TSG CN meeting #13 Participants List.....		30
History		32

1 Opening of the meeting

Nigel Berry welcomed the delegates to China on behalf of the hosts, Lucent. The meeting was chaired by Mr. Stephen Hayes, (Chair, Ericsson). Additional support was provided by Mr. Ian Park (Vice-Chair, Vodafone), Mr. Kunihiro Taya (Vice-Chair, NEC), and Mr. David Boswarthick (CN Secretary, MCC).

2 Approval of Agenda

The agenda was approved (NP-010405).

3 IPR Declarations

The Chair reminded the Individual Members and the persons making the technical proposals about their obligations under their respective Organizational Partners' IPR Policy. No responses were received.

4 Items for External Attention

4.1 For SA Attention

The proposal for the DSR work was discussed (NP-010415). This was referred to CN1 to investigate the SIP and SDP impacts. It was noted that if the impacts turn out to be significant, then there is a risk that they will not be finished in time for Release 5.

The IMS Framework report was reviewed (NP-010423, NP-010424, NP-010425). The effort seemed to have merit although it is a bit late for Release 5. Given the time schedule, any new requirements unearthed by the validation analysis could almost certainly not be dealt with until Release 6.

Mobile Number Portability (MNP) for IMS was removed from Release 5. There has been no activity and there are no requirements to guide the work in CN. If this can be further defined then it could be included in later releases.

Shared InterWorking Function (SIWF) has been removed from the Release 4 specifications, but there are still numerous references to this specification. To reinstate the specification would require considerable work since it is out of date. There seemed to be no interest in this function. After discussions of the best way to keep consistency while minimizing the impacts and work to be done, it was agreed to remove SIWF from Release 99 and onwards. A liaison (NP-010526 / SP-010526) was drafted informing other WGs of CN's intention to remove the function.

A WID for AMR-WB was created. This includes only the CN aspects. Service requirements are needed, particularly in the area of interworking with external networks. Other work outside of CN is required.

IETF dependencies are increasing, particularly in the SIP/SDP area. The CN groups are shifting their focus to creating IETF drafts containing requirements to motivate the protocol work. The protocol work shall be done in IETF. In general there are also still considerable CN dependencies upon ongoing work in SA2 and SA3.

The building block "UE triggered authentication" (owned by SA3) should be deleted as the deletion was agreed in previous meetings and CN is not working on this item.

A new WID for Service Change and UDI Fallback was approved. The scope of this work item is related to circuit switched multimedia, (NP-010527).

A joint meeting on M3UA/SUA selection will be held between CN4 experts and RAN3 experts. The scope of the meeting is to try and evaluate both homogeneous and mixed M3UA/SUA solutions between CN and RAN. If consensus on a solution in the RAN cannot be reached, the meeting needs to provide advantages and drawbacks which can be used as a basis for the TSGs to make decisions. The meeting is scheduled for November 7-8, 2002. Location and chair tbd.

4.2 Items for PCG Attention

4.2.1 CN Harmonization

The OHG has requested that the 3GPPs harmonize their all-IP networks. A response has been sent from 3GPP and 3GPP2 indicating support of a harmonization workshop, but a desire not to delay the ongoing IMS work. A workshop is in proposed for some time in Q1, 2002.

4.2.2 ITU-T Deliverable preparation

Preparation of deliverables intended for the ITU detracts from time spent dealing with technical issues; it would be nice to minimize this work. The PCG is encouraged to consider ways of streamlining the 3GPP processes for interworking with the ITU.

5 Miscellaneous Issues

5.1 ITU Coordination

TSG-CN reviewed the CN specifications that ITU-R planned to send to ITU-R (NP-010517). CN concurred with this list.

Furthermore, CN has agreed with the need for tighter coordination with the ITU-R coordination ad-hoc as proposed in NP-010518. This includes coordination between the ITU-R coordination ad-hoc and the ITU-T coordination ad-hoc to synchronize deliverables. This synchronization will begin with the next set of deliverables to either the ITU-R or ITU-T. In addition, CN supported the inclusion of TRs in the list when they represented reference documents that were intended to be published. Since CN has so far only formally received a request from ITU-T for the Release '99 specs, it was not felt necessary at this time to recommend to ITU-T that they incorporate the Release 4 and Release 5 specifications.

6 Release '99 and earlier Work items

6.1 CAMEL Phase 2

The proper protocol handling of SendChargingInfo (SCI) with AoC parameters when the MSC doesn't support AoC was discussed. The controversy centres on whether it is appropriate to send an error response or whether the offending parameters should be ignored. Responding with an error can cause the SCI dialogue to fail. There was consensus that this was a critical problem and thus justifies the drafting of an essential correction. CN2 was instructed to work on a solution over the next two working group meetings and have CRs correcting this problem ready for CN#14. The problem should also be solved for subsequent phases of CAMEL.

6.2 CAMEL Phase 3

The CRs in NP-010447, NP-010448, and NP-010451 were approved.

6.3 EDGE

The CRs in NP-0490 were approved.

6.4 GPRS

The CRs in NP-010491, NP-010492, NP-010493, and NP-010530 were approved.

6.5 GTP Enhancements

The CRs in NP-010453 and NP-010454 were approved.

6.6 Handover

The CRs in NP-010476 and NP-010495 were approved.

The issue of priorities for multicall handover has still not been resolved. An attempt to resolve this at the WG level through voting was unsuccessful since there was not a large enough (71%) majority for either solution.

Efforts are under way between the interested companies to forge a compromise. The companies working out this compromise are encouraged to do so offline and bring a mutually agreeable solution into CN1 and CN4. Further discussion of this in the WGs before such a compromise is reached is discouraged.

6.7 GSM-UMTS interworking

The CRs in NP-010494 were approved.

6.8 CS Bearers in UMTS

The CRs in NP-010438 were approved.

6.9 TEI

The CRs in NP-010458 and NP-010496 were approved.

7 Release 4

7.1 Enable bearer independent CS architecture

The CRs in NP-010439 and NP-010452 were approved.

7.2 OSA Enhancements

The CRs in NP-010464, NP-010465, NP-010466, NP-010467, NP-010468, NP-010470, NP-010471, NP-010472, NP-010473, NP-010474, and NP-010520 were approved.

7.3 Transcoder Free Operation

The CRs in NP-010457 and NP-010532 were approved.

7.4 Tandem Free aspects for 3G and between 2G and 3G systems

The CRs in NP-010533 were approved.

7.5 Location Service enhancements

The CRs in NP-010455 were approved.

7.6 Security enhancements

The CRs in NP-010456 were approved.

7.7 TEI_4

The CRs in NP-010459 and NP-010498 were approved.

Dangling references to the Shared Interworking Function (SIWF) were discussed. As no company expressed any interest in retaining the feature and it would take significant work to specify it in Release 4 and afterwards, it was agreed to remove it. After discussion on how to minimize the work involved and still have a consistent set of specifications, it was agreed to delete it from R'99 and onwards. A liaison (NP-010526) was drafted informing other WGs of CN's intention to remove the function.

7.8 Release Marker for GERAN

The GERAN proposal to include a release marker was discussed. It was agreed that it was acceptable to have an extension field indicating a protocol version, but that the field should not be used to indicate the feature set supported by a terminal. A liaison was drafted to GERAN requesting confirmation that the intention was to indicate the protocol version (NP-010534). It was not determined where there was to be a single extension field indicating for both 24.008 and 44.018 or separate fields for both protocols.

8 Release 5

8.1 Provisioning of IP Multimedia Services (IMS)

Revisions of the WIDs for Interworking between IMS and IP networks (NP-010434), Interworking between IMS and CS networks (NP-010435), and SIP CC protocol for IMS (NP-010489) were all approved. All WIs had been updated to show a new completion date of March 2002. The SIP CC protocol for IMS also contained new IETF dependencies.

8.2 OSA Enhancements

A WID for the release 5 OSA work was approved (NP-010535).

8.3 CAMEL Phase 4

The revised WID for Camel Phase 4 was approved (NP-010541). The WID reflects a 3 month slip (to March 2002) and additions to the scope.

The CRs in NP-010511 were conditionally approved (introduction of SMS reference to CAMEL 4). There was considerable discussion since introduction of the SMS reference number into CAMEL 4 requires changes to Release 99 and Release 4 specifications due to the way CAMEL is specified. The CRs are approved if no objections are received on the CN list by September 28, 2002 (17:00 CET). If objections are received then the CRs go back to CN2 for discussion.

Following distribution on the CN email exploder – there was sustained objection to the CRs from one company – hence the CRs are sent back to CN2 for further discussion.

8.4 Wideband Telephony Service – AMR

A WID for AMR-WB work within CN was approved (NP-010538). There was concern that the requirements for AMR-WB had not been adequately specified prior to starting this work. To ensure that system aspects and other work need for the complete introduction of AMR-WB is done, a liaison was drafted to the WGs informing them that CN was starting work on AMR-WB (NP-010540).

8.5 End to End QoS

A WID for End to End QoS was approved (NP-010528). It covers the needed stage 3 work for the Go interface.

8.6 Service Change and UDI Fallback

A WID for Service Change and UDI Fallback was approved (NP-010527). It is related to circuit switched multimedia.

8.7 Interworking between IMS and CS networks

The modified WID for Interworking between IMS and CS networks was approved (NP-010435). It was agreed that the scope of this work item includes both BICC and ISUP.

8.8 Interworking between IMS and IP networks

The modified WID for Interworking between IMS and IP networks was approved (NP-010434).

8.9 Feasibility study on SS7 signalling transportation in the CN with SUA

A revision of the SUA WID was approved (NP-010460). This shows a 3 month slip of the report to December 2002. In preparation for the meeting described below, the feasibility report and its status should be distributed on the CN mailing list subsequent to the October CN4 meeting.

In response to a liaison from RAN it was agreed to hold a joint meeting between CN4 experts and RAN3 experts. The scope of the meeting is to try and evaluate both homogeneous and mixed M3UA/SUA solutions between CN and RAN. If consensus on a solution in the RAN cannot be reached, the meeting may need to provide advantages and drawbacks which can be used as a basis for the TSGs to make decisions. The meeting is scheduled for November 7-8, 2002. Location and chair tbd.

8.10 TEI_5

The CRs in NP-010499 were approved.

9 Work Organization

A joint meeting of CN4 and RAN3 experts will be organized to progress the SUA work. See 8.7 for a discussion of the scope of the meeting.

It is desirable to reduce the meeting time devoted to ITU-T issues. The bulk of the ITU-T facing work should be done in the ITU-T coordination Ad-Hoc, but some plenary time will still be consumed. The chair will raise this issue to the PCG to see if they can find a way to reduce the overhead required for interfacing with the ITU. One possibility might be to combine the ITU-R coordination ad-hoc and the ITU-T coordination ad-hoc.

Various specification and status lists produced by the MCC were reviewed and noted (NP-010478, NP-010479, NP-010480, NP-010481, NP-010482, NP-010483, NP-010484, and NP-010485). Several corrections to these lists were identified and will be incorporated into the versions of these specifications before their presentation at TSG-SA. In particular it was decided that 04.08 (and 44.008) should be reinstated for Release 99 and Release 4. Rapporteurs in CN should correct all references to 04.08 to point to 24.008 or 44.018 as appropriate. It was noted that there is a general Release 4 problem of specification references not being updated to reflect the 3GPP document numbering scheme (e.g. dangling references to 09.02 instead of 29.002).

10 Work plan

The latest version of the workplan was reviewed (NP-010411, NP-010412, NP-010508). Various updates and errors were identified including:

- MNP for the IMS should be removed
- Network Capabilities (N1 & N4) should be removed
- IMS emergency calls cannot be completed before regular calls
- AMR WB needs to be updated based upon the new WID
- UE triggered authentication should be removed
- Missing IETF dependencies were added
- Various end dates were changed

The MCC will incorporate these changes in the next version of the workplan.

The phasing of IMS was discussed. An attempt to identify what parts of IMS were splittable (NP-010509) was abandoned as it is difficult to define what is the minimal set of IMS functionality that makes sense.

In the end, it was agreed that CN supports the following principles:

- Release 5 targeted for March 2002
- Splitting off parts of IMS into release 6 (or beyond) to ensure that release 5 can be completed in a timely manner
- Discouraging new work items that would impact release 5.

11 Close of Meeting

The meeting was adjourned 13:00 on Friday, September 21, 2001.

ANNEX A:OUTPUT MATERIAL**A.1 Liaisons Approved to be sent following TSG CN meeting #13**

TDoc #	Tdoc Title	LS to	LS cc	Attach.
NP-010526	Removal of SIWF from R99 and onward	SA, SA1, SA2, CN3, CN4	none	NP-010501
NP-010540	AMR-WB Speech Service – Core Network Aspects	GERAN 1; RAN2, RAN3; SA1; SA2; SA3	SA	NP-010538
NP-010534	Introduction of a new Release marker in the MS Classmark 3 and MS Radio Access Capability IEs	GERAN	CN1	none

A.2 New TSs /TRs Approved at TSG CN meeting #13

None

A.3 New / Revised Work Items Approved at TSG CN meeting #13

TDoc #	Title	Lead WG	Rel
NP-010460	WID for FS on SS7 signalling transportation in the CN with SCCP-User Adaptation (SUA)	CN4	Rel-5
NP-010489	WID for SIP call control protocol for the IM CN subsystem	CN1	Rel-5
NP-010527	WID for Service Change and UDI Fallback	CN3	Rel-5
NP-010528	WID for e2e QoS stage 3	CN3	Rel-5
NP-010535	WID for OSA Stage 3	CN5	Rel-5
NP-010541	WID for CAMEL-4	CN2	Rel-5
NP-010538	WID for Introduction of AMR-WB speech service	CN4	Rel-5
NP-010434	WID for Interworking between IM CN subsystem and IP networks	CN3	Rel-5
NP-010435	WID for Interworking between IM CN subsystem and CS networks	CN3	Rel-5

A.4 CRs Approved at TSG CN meeting #13

NP_tdoc	Spec	CR	Rev	Phase	Subject	Cat	C_Ver	WG	WG_tdoc	Workitem
NP-010496	04.64	A153		R97	Correction of cross-reference errors	F	6.8.0	N1	N1-011281	TEI
NP-010492	04.65	A074		R99	Conditions for header compression	F	8.1.0	N1	N1-011199	GPRS
NP-010491	09.18	A045	1	R98	TMSI status indication	F	7.3.0	N1	N1-011268	GPRS
NP-010453	09.60	A105		R97	Clarification of the term TLLI in SGSN Context Request message	F	6.10.1	N4	N4-010893	GTP enhancement
NP-010453	09.60	A106		R98	Clarification of the term TLLI in SGSN Context Request message	A	7.7.2	N4	N4-010894	GTP enhancement
NP-010530	09.61	A017	2	R97	Standard method for information delivery (MSISDN; IP address...) between GPRS and external PDN using RADIUS	F	6.4.0	N3	N3-010345	GPRS
NP-010530	09.61	A018	2	R98	Standard method for information delivery (MSISDN; IP address...) between GPRS and external PDN using RADIUS	A	7.3.0	N3	N3-010346	GPRS
NP-010459	23.003	031		Rel-4	Clarification on APN labels that begin with a digit.	F	4.1.0	N4	N4-010859	TEI4
NP-010459	23.003	032		Rel-5	Clarification on APN labels that begin with a digit	A	5.0.0	N4	N4-010860	TEI4
NP-010494	23.009	040		R99	GSM to UMTS Handover: Location Reporting in 3G_MSC-B for no call up case	F	3.7.0	N1	N1-011111	GSM/UMTS interworking
NP-010494	23.009	041		Rel-4	GSM to UMTS Handover: Location Reporting in 3G_MSC-B for no call up case	A	4.1.0	N1	N1-011112	GSM/UMTS interworking
NP-010495	23.009	046		R99	Correction of SDL figures in CRs 034 and 035 (N1-010913, N1-010914)	F	3.7.0	N1	N1-011228	Handover
NP-010495	23.009	047		Rel-4	Correction of SDL figures in CRs 034 and 035 (N1-010913, N1-010914)	A	4.1.0	N1	N1-011229	Handover
NP-010494	23.009	048	1	R99	Usage of Location Reporting for Relocation and Inter-system Handover	F	3.7.0	N1	N1-011310	GSM/UMTS interworking
NP-010494	23.009	049	1	Rel-4	Usage of Location Reporting for Relocation and Inter-system Handover	A	4.1.0	N1	N1-011311	GSM/UMTS interworking
NP-010458	23.018	075		R99	Addition of missing process Update_Location_VLR	F	3.8.0	N4	N4-010853	TEI
NP-010458	23.018	076		Rel-4	Addition of missing process Update_Location_VLR	A	4.3.0	N4	N4-010854	TEI
NP-010458	23.018	077		Rel-5	Addition of missing process Update_Location_VLR	A	5.0.0	N4	N4-010855	TEI
NP-010447	23.078	310	1	R99	Correction of error implementing CR 23.078-194r3	F	3.9.0	N2		CAMEL Ph 3
NP-010447	23.078	311		Rel-4	Correction of error implementing CR 23.078-194r3	A	4.1.0	N2		CAMEL Ph 3
NP-010447	23.078	312	2	R99	Possible information in Initial DP	F	3.9.0	N2		CAMEL Ph 3
NP-010447	23.078	313	1	Rel-4	Possible information in Initial DP	A	4.1.0	N2		CAMEL Ph 3
NP-010447	23.078	317	1	R99	Correction of CUG information handling	F	3.9.0	N2		CAMEL Ph 3
NP-010447	23.078	318	1	Rel-4	Correction of CUG information handling	A	4.1.0	N2		CAMEL Ph 3
NP-010459	23.082	012		Rel-4	Clarifications on long forwarded-to numbers	F	4.1.0	N4	N4-010841	TEI4
NP-010532	23.153	025	2	Rel-4	Default Codec Types For "UMTS only" and "UMTS & GSM dual system" UEs	F	4.2.0	N4		TFO-AMR
NP-010457	23.153	026		Rel-4	Optional FRCI value Correction	F	4.2.0	N4	N4-010863	OoBTC
NP-010532	23.153	027	1	Rel-4	Default Codec Types For "UMTS only" and "UMTS & GSM dual system" Ues	F	4.2.0	N4	N4-010	OoBTC
NP-010452	23.205	008	1	Rel-4	Slight Misalignment of Continuity Message Handling	F	4.1.0	N4	N4-010971	CSSPLIT
NP-010452	23.205	009		Rel-4	Updates to Chapter 9.1	F	4.1.0	N4	N4-010900	CSSPLIT
NP-010493	24.008	442	1	R99	Old RAI handling	F	3.8.0	N1	N1-011298	GPRS

NP_tdoc	Spec	CR	Rev	Phase	Subject	Cat	C_Ver	WG	WG_tdoc	Workitem
NP-010493	24.008	443	1	Rel-4	Old RAI handling	A	4.3.0	N1	N1-011299	GPRS
NP-010493	24.008	444	1	Rel-5	Old RAI handling	A	5.0.0	N1	N1-011300	GPRS
NP-010499	24.008	452	1	Rel-5	Modification of session management between MS and network	F	5.0.0	N1	N1-011303	TEI5
NP-010533	24.008	454	3	Rel-4	Introduction of default codec UMTS_AMR_2	F	4.3.0	N1	N1-011340	TFO-AMR
NP-010493	24.008	455		R99	Correction of Protocol configuration options	F	3.8.0	N1	N1-011221	GPRS
NP-010493	24.008	456		Rel-4	Correction of Protocol configuration options	A	4.3.0	N1	N1-011222	GPRS
NP-010493	24.008	457		Rel-5	Correction of Protocol configuration options	A	5.0.0	N1	N1-011223	GPRS
NP-010490	24.008	463		R99	Clarification of 8-PSK power class coding	F	3.8.0	N1	N1-011254	EDGE
NP-010490	24.008	464		Rel-4	Clarification of 8-PSK power class coding	A	4.3.0	N1	N1-011255	EDGE
NP-010490	24.008	465		Rel-5	Clarification of 8-PSK power class coding	A	5.0.0	N1	N1-011272	EDGE
NP-010498	24.008	467	2	Rel-4	Definition of new DTM multislot classes	C	4.3.0	N1	N1-011338	DTM
NP-010498	24.008	468	2	Rel-5	Definition of new DTM multislot classes	A	5.0.0	N1	N1-011339	DTM
NP-010496	24.008	472		R99	Remove references to specific sections of 25.331	F	3.8.0	N1	N1-011292	TEI
NP-010496	24.008	473		Rel-4	Remove references to specific sections of 25.331	A	4.3.0	N1	N1-011293	TEI
NP-010496	24.008	474		Rel-5	Remove references to specific sections of 25.331	A	5.0.0	N1	N1-011302	TEI
NP-010533	24.008	475	2	Rel-5	Introduction of default codec UMTS_AMR_2	A	5.0.0	N1	N1-011341	TFO-AMR
NP-010455	24.010	003		Rel-4	Clarification on the signalling connection for PS domain	F	4.0.0	N4	N4-010866	LCS1
NP-010438	27.001	061		R99	Removal of erroneous IR value	F	3.9.0	N3	N3-010271	CS Bearers in UMTS
NP-010438	27.001	062	1	Rel-4	Removal of erroneous IR value	A	4.4.0	N3	N3-010304	CS Bearers in UMTS
NP-010438	27.001	063	1	Rel-4	Removal of erroneous information in B.1.3.1.6	F	4.4.0	N3	N3-010307	CS Bearers in UMTS
NP-010438	27.001	065	1	R99	Negotiation of Rate adaptation/Other rate adaptation	F	3.9.0	N3	N3-010305	CS Bearers in UMTS
NP-010438	27.001	066	1	Rel-4	Negotiation of Rate adaptation/Other rate adaptation	A	4.4.0	N3	N3-010306	CS Bearers in UMTS
NP-010438	27.001	067		R99	Removal of erroneous information in B.1.3.1.6	F	3.9.0	N3	N3-010308	CS Bearers in UMTS
NP-010459	29.002	277	1	Rel-4	Correction on the SDL of NW initiated USSD operations	A	4.4.1	N4	N4-010845	TEI4
NP-010459	29.002	290		Rel-4	Clarifications on long forwarded-to numbers	F	4.4.1	N4	N4-010840	TEI4
NP-010455	29.002	291	1	Rel-4	Corrections for Deferred MT-LR	F	4.4.1	N4	N4-010929	LCS1
NP-010455	29.002	292	2	Rel-4	Clarifications on SupportedLCS-CapabilitySets	F	4.4.1	N4	N4-010937	LCS1
NP-010455	29.002	295	2	Rel-4	Corrections on the introduction of LCS for PS domain	F	4.4.1	N4	N4-010958	LCS1
NP-010456	29.002	302	2	Rel-4	Additional SGSN related values to Access Type	F	4.4.1	N4	N4-010970	SEC1 - EHCS
NP-010476	29.002	303	3	R99	Minimum MAP application context for intersystem handover to 3G_MSC	F	3.9.0	N4	N4-011016	Handover
NP-010451	29.002	305		R99	Addition of data type definitions to EXPORT statements for the usage in CAP	F	3.9.0	N4	N4-010973	CAMEL Ph 3
NP-010451	29.002	306		Rel-4	Addition of data type definitions to EXPORT statements for the usage in CAP	A	4.4.1	N4	N4-010976	CAMEL Ph 3
NP-010476	29.002	307	2	Rel-4	Minimum MAP application context for intersystem handover to 3G_MSC	A	4.4.1	N4	N4-011017	Handover
NP-010476	29.002	308	2	R99	Minimum MAP application context for intersystem handover to 3G_MSC	F	3.9.0	N4	N4-011018	Handover
NP-010476	29.002	309	2	Rel-4	Minimum MAP application context for intersystem handover to 3G_MSC	A	4.4.1	N4	N4-011019	Handover
NP-010491	29.018	013		R99	Clarify that no acknowledgement is made for TMSI deallocation	F	3.6.0	N1	N1-011169	GPRS

NP_tdoc	Spec	CR	Rev	Phase	Subject	Cat	C_Ver	WG	WG_tdoc	Workitem
NP-010491	29.018	014		Rel-4	Clarify that no acknowledgement is made for TMSI deallocation	A	4.0.0	N1	N1-011170	GPRS
NP-010491	29.018	015		R99	Explicit IMSI detach, abnormal case SGSN side	F	3.6.0	N1	N1-011171	GPRS
NP-010491	29.018	016		Rel-4	Explicit IMSI detach, abnormal case SGSN side	A	4.0.0	N1	N1-011172	GPRS
NP-010494	29.018	017		R99	Correction of the length of the Service Area Identification	F	3.6.0	N1	N1-011173	GSM/UMTS Interworking
NP-010494	29.018	018		Rel-4	Correction of the length of the Service Area Identification	A	4.0.0	N1	N1-011174	GSM/UMTS Interworking
NP-010459	29.060	230	1	Rel-4	Introduction of the Suspend-resume functionality in Rel-4 GTP specification	F	4.1.0	N4	N4-010974	TEI4
NP-010454	29.060	232	2	R99	Clarification on the use of the teardown indicator IE	F	3.9.0	N4	N4-010980	GTP enhancement
NP-010453	29.060	235		R99	Clarification of the term TLLI in SGSN Context Request message	F	3.9.0	N4	N4-010849	GTP enhancement
NP-010453	29.060	236		Rel-4	Clarification of the term TLLI in SGSN Context Request message	A	4.1.0	N4	N4-010850	GTP enhancement
NP-010454	29.060	237	1	R99	Rewording usage of P-TIMSI and TLLI in "SGSN context	A	3.9.0	N4	N4-010959	GTP enhancement
NP-010454	29.060	238	1	Rel-4	Rewording usage of P-TIMSI and TLLI in "SGSN context	A	4.1.0	N4	N4-010960	GTP enhancement
NP-010454	29.060	239		R99	Alignment with 23.060 on the use of SGSN Context Acknowledge message	F	3.9.0	N4	N4-010870	GTP Enhancement
NP-010454	29.060	240		Rel-4	Alignment with 23.060 on the use of SGSN Context Acknowledge message	A	4.1.0	N4	N4-010871	GTP Enhancement
NP-010454	29.060	244	1	R99	Charging Characteristics Inclusion in Create PDP Context Message	F	3.9.0	N4	N4-010964	GTP Enhancement
NP-010454	29.060	245	1	Rel-4	Charging Characteristics Inclusion in Create PDP Context Message	A	4.1.0	N4	N4-010965	GTP Enhancement
NP-010454	29.060	246		R99	Clarification to the usage of the TEID-C	F	3.9.0	N4	N4-010961	GTP Enhancement
NP-010454	29.060	247		Rel-4	Clarification to the usage of the TEID-C	A	4.1.0	N4	N4-010962	GTP Enhancement
NP-010454	29.060	248	1	Rel-4	Clarification on the use of the teardown indicator IE	A	4.1.0	N4	N4-010981	GTP enhancement
NP-010530	29.061	021	5	Rel-4	Standard method for information delivery (MSISDN; IP address...) between GPRS and external PDN using RADIUS	A	4.1.0	N3	N3-010348	GPRS
NP-010530	29.061	022	2	R99	Standard method for information delivery (MSISDN; IP address...) between GPRS and external PDN using RADIUS	A	3.6.0	N3	N3-010347	GPRS
NP-010448	29.078	192	1	R99	Corrections to ASN.1 syntax	F	3.8.0	N2		CAMEL Ph 3
NP-010448	29.078	197		Rel-4	Corrections to ASN.1 syntax	A	4.1.0	N2		CAMEL Ph 3
NP-010448	29.078	198	1	R99	Using gsmSCF address from GPRS-CSI for re-establishing TC dialogues	F	3.8.0	N2		CAMEL Ph 3
NP-010448	29.078	199		Rel-4	Using gsmSCF address from GPRS-CSI for re-establishing TC dialogues	A	4.1.0	N2		CAMEL Ph 3
NP-010464	29.198-01	002		Rel-4	Changing references to JAIN	F	4.1.0	N5	N5-010674	OSA1
NP-010465	29.198-02	003		Rel-4	Changing references to JAIN	F	4.1.0	N5	N5-010675	OSA1
NP-010465	29.198-02	004		Rel-4	Clarification of common exceptions	F	4.1.0	N5	N5-010658	OSA1
NP-010465	29.198-02	005		Rel-4	Invalid parameter value exception for SLA violation	F	4.1.0	N5	N5-010659	OSA1
NP-010465	29.198-02	006		Rel-4	Storing eventCriteria	F	4.1.0	N5	N5-010665	OSA1
NP-010466	29.198-03	002		Rel-4	Changing references to JAIN	F	4.1.0	N5	N5-010676	OSA1
NP-010466	29.198-03	003		Rel-4	Update to the definitions of method svcUnavailableInd	F	4.1.0	N5	N5-010534	OSA1
NP-010466	29.198-03	004		Rel-4	Only one subject per method invocation for fault and load management	F	4.1.0	N5	N5-010537	OSA1
NP-010466	29.198-03	005		Rel-4	Fault management is missing some *Err methods	F	4.1.0	N5	N5-010538	OSA1
NP-010466	29.198-03	006		Rel-4	Method balance on Fault management interfaces	F	4.1.0	N5	N5-010539	OSA1
NP-010466	29.198-03	007		Rel-4	Change "TpString" into "TpOctetSets" in authentication and access	F	4.1.0	N5	N5-010673	OSA1
NP-010466	29.198-03	008		Rel-4	Replacement of register/unregisterLoadController	F	4.1.0	N5	N5-010686	OSA1

NP_tdoc	Spec	CR	Rev	Phase	Subject	Cat	C_Ver	WG	WG_tdoc	Workitem
NP-010466	29.198-03	009		Rel-4	Redundant Framework Heartbeat Mechanism	F	4.1.0	N5	N5-010688	OSA1
NP-010466	29.198-03	010		Rel-4	Add a releaseInterface() method to IpAccess	F	4.1.0	N5	N5-010689	OSA1
NP-010466	29.198-03	011		Rel-4	Removal of serviceID from queryAppLoadReq()	F	4.1.0	N5	N5-010691	OSA1
NP-010466	29.198-03	012		Rel-4	Addition of listInterfaces() method	F	4.1.0	N5	N5-010695	OSA1
NP-010466	29.198-03	013		Rel-4	Introduction and use of new Service Instance ID	F	4.1.0	N5	N5-010697	OSA1
NP-010466	29.198-03	014		Rel-4	P_UNAUTHORISED_PARAMETER_VALUE thrown if non-accessible serviceID is provided	F	4.1.0	N5	N5-010699	OSA1
NP-010466	29.198-03	015		Rel-4	Introduction of Service Instance Lifecycle Management	F	4.1.0	N5	N5-010703	OSA1
NP-010466	29.198-03	016		Rel-4	Add support for multi-vendorship	F	4.1.0	N5	N5-010708	OSA1
NP-010466	29.198-03	017		Rel-4	Removal of P_SERVICE_ACCESS_TYPE	F	4.1.0	N5	N5-010712	OSA1
NP-010466	29.198-03	018		Rel-4	Confusing meaning of prescribedMethod	F	4.1.0	N5	N5-010713	OSA1
NP-010466	29.198-03	019		Rel-4	A client should only have one instance of a given service	F	4.1.0	N5	N5-010714	OSA1
NP-010466	29.198-03	020		Rel-4	Some methods on the IpApp interfaces should throw exceptions	F	4.1.0	N5	N5-010715	OSA1
NP-010467	29.198-04	001		Rel-4	Changing references to JAIN	F	4.0.0	N5	N5-010677	OSA1
NP-010467	29.198-04	002		Rel-4	Correction of text descriptions for methods enableCallNotification and createNotification	F	4.0.0	N5	N5-010532	OSA1
NP-010467	29.198-04	003		Rel-4	Specify the behaviour when a call leg times out	F	4.0.0	N5	N5-010533	OSA1
NP-010467	29.198-04	004		Rel-4	Removal of Faulty state in MPCCS Call State Transition Diagram and method callFaultDetected in MPCCS in OSA R4	F	4.0.0	N5	N5-010542	OSA1
NP-010467	29.198-04	005		Rel-4	Missing TpCallAppInfoSet description in OSA R4	F	4.0.0	N5	N5-010543	OSA1
NP-010467	29.198-04	006		Rel-4	Redirecting a call leg vs. creating a call leg clarification in OSA R4	F	4.0.0	N5	N5-010612	OSA1
NP-010467	29.198-04	007		Rel-4	Introduction of MPCC Originating and Terminating Call Leg STDs for IpCallLeg	F	4.0.0	N5	N5-010614	OSA1
NP-010467	29.198-04	008		Rel-4	Corrections to SetChargePlan() Addition of PartyToCharge parameter	F	4.0.0	N5	N5-010631	OSA1
NP-010467	29.198-04	009		Rel-4	Corrections to SetChargePlan()	F	4.0.0	N5	N5-010635	OSA1
NP-010467	29.198-04	010		Rel-4	Remove distinction between final- and intermediate-report	F	4.0.0	N5	N5-010640	OSA1
NP-010467	29.198-04	011		Rel-4	Inclusion of TpMediaType	F	4.0.0	N5	N5-010648	OSA1
NP-010467	29.198-04	012		Rel-4	Corrections to GCC STD	F	4.0.0	N5	N5-010660	OSA1
NP-010467	29.198-04	013		Rel-4	Introduction of sequence diagrams for MPCC services	F	4.0.0	N5	N5-010693	OSA1
NP-010467	29.198-04	014		Rel-4	The use of the REDIRECT event needs to be illustrated	F	4.0.0	N5	N5-010707	OSA1
NP-010467	29.198-04	015		Rel-4	Corrections to SetCallChargePlan()	F	4.0.0	N5	N5-010709	OSA1
NP-010467	29.198-04	016		Rel-4	Add one additional error indication	F	4.0.0	N5	N5-010710	OSA1
NP-010467	29.198-04	017		Rel-4	Corrections to Call Control – GCCS Exception handling	F	4.0.0	N5	N5-010633	OSA1
NP-010467	29.198-04	018		Rel-4	Corrections to Call Control – Errors in Exceptions	F	4.0.0	N5	N5-010704	OSA1
NP-010468	29.198-05	002		Rel-4	Changing references to JAIN	F	4.1.0	N5	N5-010678	OSA1
NP-010520	29.198-06	002	1	Rel-4	Changing references to JAIN	F	4.1.1	N5	N5-010679	OSA1
NP-010520	29.198-06	003	1	Rel-4	Introduction of missing mobility exceptions	F	4.1.1	N5	N5-010670	OSA1
NP-010470	29.198-07	002		Rel-4	Changing references to JAIN	F	4.1.0	N5	N5-010680	OSA1

NP_tdoc	Spec	CR	Rev	Phase	Subject	Cat	C_Ver	WG	WG_tdoc	Workitem
NP-010471	29.198-08	002		Rel-4	Changing references to JAIN	F	4.1.0	N5	N5-010681	OSA1
NP-010472	29.198-11	001		Rel-4	Changing references to JAIN	F	4.0.0	N5	N5-010682	OSA1
NP-010472	29.198-11	002		Rel-4	Missing exceptions for enabling and changing the notifications	F	4.0.0	N5	N5-010669	OSA1
NP-010473	29.198-12	001		Rel-4	Changing references to JAIN	F	4.0.0	N5	N5-010683	OSA1
NP-010473	29.198-12	002		Rel-4	Error corrections charging	F	4.0.0	N5	N5-010557	OSA1
NP-010473	29.198-12	003		Rel-4	Changed semantics of closeReservation parameter	F	4.0.0	N5	N5-010558	OSA1
NP-010473	29.198-12	004		Rel-4	Missing errors in definition of (credit/debit)(Amoun/Unit)Err	F	4.0.0	N5	N5-010559	OSA1
NP-010473	29.198-12	005		Rel-4	Clarification of Unit Reservation	F	4.0.0	N5	N5-010560	OSA1
NP-010473	29.198-12	006		Rel-4	Improving correlation request and response for applications	F	4.0.0	N5	N5-010667	OSA1
NP-010473	29.198-12	007		Rel-4	Remove the P_CHS_PARAM_RESULT value from the TpChargingParameterID type	F	4.0.0	N5	N5-010668	OSA1
NP-010473	29.198-12	008		Rel-4	Align the order of parameters for similar methods	F	4.0.0	N5	N5-010711	OSA1
NP-010452	29.202	001		Rel-4	Change of M 3UA version	F	4.0.1	N4	N4-010956	CSSPLIT
NP-010452	29.205	002		Rel-4	CR on 29205 Mc signalling transport in IP environment	F	4.1.0	N4	N4-010832	CSSPLIT
NP-010452	29.205	003	1	Rel-4	CR on 29205 BICC signalling transport in IP environment	F	4.1.0	N4	N4-010925	CSSPLIT
NP-010452	29.205	004		Rel-4	Status of ITU recommendation Q.2150.3	F	4.1.0	N4	N4-010957	CSSPLIT
NP-010452	29.232	009		Rel-4	Addition of package numbers allocated by IANA	F	4.1.0	N4	N4-010812	CSSPLIT
NP-010452	29.232	010	1	Rel-4	CR on 29232 Mc signalling transport in IP environment	F	4.1.0	N4	N4-010926	CSSPLIT
NP-010439	29.414	003	2	Rel-4	Addition of media type "data"	C	4.1.0	N3	N3-010341	CSSPLIT
NP-010439	29.415	001	1	Rel-4	Clarification on FQC handling and alignment with TS 25.415	F	4.0.0	N3	N3-010302	CSSPLIT
NP-010474	29.998-4-1	002		Rel-4	Updates and corrections to data mapping to CAP	F	4.1.0	N5	N5-010838	OSA1
NP-010492	44.065	001		Rel-4	Conditions for header compression	A	4.0.0	N1	N1-011200	GPRS

A.5 CRs Not Approved at TSG CN meeting #13

NP_tdoc	Spec	CR	Rev	Phase	Subject	Cat	C_Ver	WG	WG_tdoc	Workitem	NP_Status
NP-010440	09.61	A017	1	R97	Standard method for information delivery (MSISDN; IP address...) between GPRS and external PDN using RADIUS	F	6.4.0	N3	N3-010345	GPRS	revised
NP-010440	09.61	A018	1	R98	Standard method for information delivery (MSISDN; IP address...) between GPRS and external PDN using RADIUS	A	7.3.0	N3	N3-010346	GPRS	revised
NP-010510	23.153	025		Rel-4	Default Codec Types For "UMTS only" and "UMTS & GSM dual system" UEs	F	4.2.0	N4		TFO-AMR	revised
NP-010497	24.008	454	2	Rel-4	Introduction of default codec UMTS_AMR_2	F	4.3.0	N1	N1-011340	TFO-AMR	revised
NP-010497	24.008	475	1	Rel-5	Introduction of default codec UMTS_AMR_2	A	5.0.0	N1	N1-011341	TFO-AMR	revised
NP-010440	29.061	021	4	Rel-4	Standard method for information delivery (MSISDN; IP address...) between GPRS and external PDN using RADIUS	A	4.1.0	N3	N3-010348	GPRS	revised
NP-010440	29.061	022	1	R99	Standard method for information delivery (MSISDN; IP address...) between GPRS and external PDN using RADIUS	A	3.6.0	N3	N3-010347	GPRS	revised
NP-010469	29.198-06	002		Rel-4	Changing references to JAIN	F	4.1.1	N5	N5-010679	OSA1	revised
NP-010469	29.198-06	003		Rel-4	Introduction of missing mobility exceptions	F	4.1.1	N5	N5-010670	OSA1	revised
NP-010502	23.009	050		R99	Bearer selection criteria of calls in a multicall	F	3.7.0	N1		Multicall	withdrawn
NP-010503	23.009	051		Rel-4	Bearer selection criteria of calls in a multicall	A	4.1.0	N1		Multicall	withdrawn
NP-010511	29.078	200	1	R99	Phased introduction of SMS reference number	F	3.8.0	N2		CAMEL Ph 4	Not approved
NP-010511	29.078	201		Rel-4	Phased introduction of SMS reference number	A	4.1.0	N2		CAMEL Ph 4	Not approved

ANNEX B Decisions/Notes on Tdocs by Agenda Item

Ag.	Original Tdoc	TDoc #	Type	Tdoc Title	Source	Discussion	Status
2		NP-010405	AGENDA	Draft Agenda for CN#13 Meeting Beijing	MCC	Nigel Berry [Lucent] suggested sending a summary of the meeting's results to the CN email exploder and the end of each day in order to inform those who could not attend. DAB will send out the DAD document [NP-010/406-8] at the end of each day.	APPROVED
2		NP-010406	DAD	Allocation of documents to Agenda Items (beginning day1)	Ian Park		AGREED
2		NP-010407	DAD	Allocation of documents to Agenda Items (end day1)	Ian Park		NOTED
2		NP-010408	DAD	Allocation of documents to Agenda Items (end day2)	Ian Park		NOTED
2		NP-010409	DAD	Allocation of documents to Agenda Items (end day3)	Ian Park		NOTED
4.1		NP-010410	REPORT	Draft Report from CN#12 Meeting, Stockholm	MCC	Hannu [CN1 Chair] likes the layout of approved / non-approved CRs ANNEX in CN report and would like this harmonized across other TSGs. CN_13_ACTION#01: DAB to ensure all TSG meeting reports have same base information and layouts in the annexes.	APPROVED
4.4		NP-010421	Letter	3GPP letter to the OHG on CN harmonization	CN Chair	Letter from CN chair to OHG requesting clarification on the harmonization between 3GPP and 3GPP2 Related to the letter from 3GPP2 [see NP-010422].	NOTED
4.4		NP-010422	Letter	3GPP2 letter to the OHG on CN harmonization	3GPP2	Proposes a meeting of experts in the course of 2002 to develop a common approach for 3GPP and 3GPP2 on use of IP. Nigel Berry [Lucent] says his company fully supports this harmonization initiative and the proposed workshop.	NOTED
5.1	N1-011285	NP-010420	LS IN	LS on Amendments to CR on 23.153, for UMTS_AMR_2 [N1-011285]	N1	The CRs to 24.008 are provided by CN1, and a related CR to 23.153 is presented directly by Ericsson in NP-010520 that provides a completed solution for UMTS_AMR_2. NOTE: CN4 has not reviewed the CR [to 23.153] attached to this LS. Ilan Park suggested that the revised CR in NP-010510 can be conditionally approved by CN Plenary as long as it is sent out to CN4 email list for comments / approval. The revised CR is in 510 (which supersedes 507). Nigel Berry asked for early presentation of the CRs so they could be analyzed.	NOTED
5.2	GP-011420	NP-010413	LS IN	LS on "24.008 CR for Classmark Issues" [GP-011420]	GERAN	Previously seen in NP#12 meeting	WITHDRAWN
5.2	GP-011437	NP-010414	LS IN	LS on terminology clarifications [GP-011437]	GERAN	Previously seen in NP#12 meeting	WITHDRAWN

Ag.	Original Tdoc	TDoc #	Type	Tdoc Title	Source	Discussion	Status
5.2	S1-010847	NP-010415	LS IN	LS on Distributed Speech Recognition (DSR) [S1-010847]	S1	Nigel Berry questioned the status of this WI in SA. It was clarified that this work is planned to be presented to SA#14 for completion (along with the Stage 3 by CN1). SA2 still have some architecture work to do on this. Hannu had some concerns over the timescales. Nigel Berry [Lucent] had serious concerns of accepting new WIs for CN1 at this late stage. Andrew Allen [Motorola] suspects there is little work required for CN1. CN Plenary agreed to forwarding this LS to CN1 for information. Hannu expects companies to bring contributions to the next CN1 meeting. However it was agreed that this work item should not have priority over existing work in CN1. However CN1 chair has the final call on prioritization of work in CN1.	NOTED - FORWARDED to CN1
5.2	S2-011685	NP-010416	LS IN	LS [cc] on ISC [S2-011685]	S2	SA2 has endorsed the terminology of "ISC" for the IMS Service Control interface, as proposed by the TSG CN working groups	NOTED
5.2	GP-011912	NP-010417	LS IN	LS on GPRS Testing [GP-011912]	GERAN	No action for CN [or CN1]	NOTED
5.2	S4-010524	NP-010418	LS IN	Answer to LS on Distributed Speech Recognition (DSR) [S4-010524]	S4	Forwarded to CN1 so they have all info in DSR	FORWARDED to CN1
5.2	S5-010532	NP-010419	LS IN	LS on Management aspects of OSA [S5-010532]	S5	Seen by CN5 at their last meeting	NOTED
5.2	S1-010869	NP-010423	LS IN	LS on IP Framework Report [S1-010869]	SA1	See also comments in NP-010424 and NP-010423.	NOTED
5.2		NP-010424	INFO	Presentation of IP Framework Report (in addition to the two SA1 LSs)	SBC	Basically it is a call for COMPANIES to present contributions on the IP Framework report. Harald Dettner [Siemens] questioned the PURPOSE of this framework report. It is believed that it will give service examples to be supported in IP multimedia, and will; be used as a basis for verifying the architecture & protocols which are being produced by SA2 & CN. Harald suggested that this changes the traditional role of SA1. SA1 should not define protocols only service requirements. Also the specification v0.4.0 is a bit late and unstable to give guidance to CN in September (for completion in March 2002). Nigel Berry [Lucent] supported this opinion and also questioned the utility of such a framework report. Steve Mecrow [BT] suggested this report may be useful for CN when we consider the content of Rel-5 and what moves to Rel-6 or later. Stephen will hi-light to SA#13 meeting that CN cannot accept any new Rel-5 requirements at this late stage.	NOTED
5.2	S1-010883	NP-010425	LS IN	LS on providing proposed IP Framework work plan [S1-010883]	SA1	See also comments in NP-010424 and NP-010425.	NOTED
5.2		NP-010517	LS IN	Determining the Timing and Scope Of Release 5	RAN	Contains the list of 3GPP radio specs that RAN propose to send to ITU-R as the definitive list. RAN would like a response to this by Thursday 20th Sept. Steve Mecrow [BT] suggested limiting the amount of meeting time spent on ITU-T and ITU-R liaisons. After discussion, CN agreed to the content of the LS and DAB informed RAN Secretary (via chat) of this information. It was agreed that there was not a need for a full blown LS to RAN.	NOTED

Ag.	Original Tdoc	TDoc #	Type	Tdoc Title	Source	Discussion	Status
5.2		NP-010518	LS IN	Response to the Liaison Statement on "IMT-2000 References of 3GPP based specifications/standards"	RAN [ITU-R Ad Hoc]	<p>This LS seeks to harmonize the working procedure between 3GPP RAN- ITU-R and 3GPP CN - ITU-T. Stephen clarified that CN have deleted the 25 series from it's list.</p> <p>CN have decided not to include TRs - however RAN do include TRs. Nigel Berry saw no 'harm' in adding TRs. Iain Sharpe is concerned on the maintenance of TRs, as many are not maintained after they have served their purpose. Gary Jones suggested adding only those TRs that are living documents that provide additional information. This requires a judgment call. CN agreed to including 'maintained' TRs. JMM clarified that this should include only reports in the 900 series (not 800) series, i.e. only those that will be published by the SDOs. A note will be added to the list indicating the status of these TRs.</p> <p>CN output is based on TSG#11 for R99 only. RAN output is based on TSG#13 - hence some discrepancies. CN decided to also used TSG#13 as a base.</p> <p>Gary Jones suggested that we could either send a single list to ITU-T R and T, or two lists that are BOTH made on the same basis within 3GPP.</p> <p>It was intended that the April 2002 date applies only to ITU-R, and CN do not need to provide an update until ITU-T request it. However when CN provide this update, it should be based on the same mechanism as RAN to ITU-R.</p> <p>It was not agreed for CN to inform ITU-T that they should include releases beyond R99.</p> <p>It was decided not to send a LS to RAN-ITU-R ad hoc, but Stephen provide this information in his report to SA#13.</p>	NOTED
5.3		NP-010514	LS IN	LS on HiperLAN2 – UMTS interworking	BRAN	<p>Stephen Hayes mentioned we do not have a WI on this Hiperlan interworking. Peter Kobriger [Ericsson] suggests CN awaits the creation of a requirement from SA (also on the LS to list). This approach was agreed by CN.</p>	NOTED

Ag.	Original Tdoc	TDoc #	Type	Tdoc Title	Source	Discussion	Status
6.1.1		NP-010441	REPORT	Status Report for TSG CN WG1	CN1 Chair	<p>Ian Park clarified that all of 23.009 CRs were seen and endorsed by CN4 in Helsinki - hence no problem in CN#13 approving them.</p> <p>Multicall Handover - Voting in CN1/CN4 did not resolve the issue.</p> <p>Harald Dettner [Siemens] stated that due to the premature nature of this issue Siemens would like to withdraw the related CRs and the LS in [NP-010502-503-504-505-506].</p> <p>Harald invited other companies to examine this problem and the solution proposed in the above NP tdocs and actively assist in the work that is ongoing in CN1.</p> <p>Peter Kobriger [Ericsson] questioned if CN should spend additional time and effort on this. There are two proposals and no agreement between them. Peter requests the we identify a date by when we consider terminating work in the area [suggested TSG#14]. Nigel Berry [Lucent] supported this. He also questioned the 3GPP voting procedures as he had hoped that a 2/3 advantage would have resulted in a solution. The present working procedures require 71% for a clear cut decision. Changes to WPs would require the agreement of the PCG. Harald suggested the vote questions could have been phrased in a better way. Lessons should be learned for an eventual re-vote. Ian Park clarified the WP guidelines for voting.</p> <p>Stephen Hayes summarized that the two interested companies should discuss this topic together (OUTSIDE OF THE WG meetings), and only once a joint solution is available should it be taken to CN1/CN4.</p> <p>A LS could be sent to SA1 from CN1 if consensus it met there. Ian Park Clarified that SA1 do not meet until November hence guidance would not be immediate (and would most probably require that emergency calls shall not be dropped).</p> <p>Revision Level Indicator2 - NP-010500 is a discussion paper from Ericsson that relates to this issue.</p> <p>Nigel Berry [Lucent] mentioned that SDLs may be required for the CRs to the 23.019 from Ericsson. Another CR to 23.019 from Nokia is known to require SDLs. Peter Kobriger [Ericsson] will check if their CR requires SDLs before they are presented this week.</p>	NOTED
6.1.1		NP-010442	REPORT	CN1#18 Meeting Report	CN1		NOTED
6.1.1		NP-010487	REPORT	CN1#19 Meeting Report	CN1		NOTED
6.1.1		NP-010443	LS PACK	LSs sent from CN1 since TSG CN#12 Meeting (Pack#1)	CN1		NOTED
6.1.1		NP-010488	LS PACK	LSs sent from CN1 since TSG CN#12 Meeting (Pack#2)	CN1		NOTED

Ag.	Original Tdoc	TDoc #	Type	Tdoc Title	Source	Discussion	Status
6.2.1		NP-010444	REPORT	Status Report for TSG CN WG2	CN2 Chair	Tamura-San [NEC] asked for confirmation that the GGSN address will not change during the PDP context. After much discussion CN adopted the working assumption that the GGSN address is stable. SA2 have decided that the address shall not change for the lifetime of a PDP context. CN_13_ACTION#02:- CN4 to find out if GGSN Address can or cannot change - if so find out should it change and if so find out how it should change.	NOTED
6.2.1		NP-010445	REPORT	CN2#19 Meeting Report	CN2		NOTED
6.2.1		NP-010446	LS PACK	LSs sent from CN2 since TSG CN#12 Meeting	CN2		NOTED
6.3.1		NP-010430	REPORT	CN3 Status Report to Plenary#13 Meeting	CN3 Chair	Tamura-San had a question for clarification that "Service Change and UDI fall back for CS Multimedia" only works if BICC is deployed in the network. Norbert confirmed that this is the case.	NOTED
6.3.1		NP-010431	REPORT	CN3#18 Draft Meeting Report	CN3		NOTED
6.3.1		NP-010432	LS PACK	All LSs from CN3 since CN#12 Meeting	CN3		NOTED
6.4.1		NP-010475	REPORT	Status Report from CN4	CN4 Chair	CN Plenary agreed to the removal of the following WIs from the 3GPP Workplan. - UID 1285 - Network Capabilities N4 Aspects. Hannu added that CN1 will delete the corresponding CN1 part - UID 1732 - mobile number portability in the IMS. Ian Park indicated that CN4 we will not be able to complete MNP for March 2002 and we still have no stage 1 from SA1. Also MNP is not 'essential' for IMS. Stephen will flag the issue of MNP in his report to SA.	NOTED
6.4.1		NP-010449	REPORT	CN4 meeting reports after CN#12	MCC		NOTED
6.4.1		NP-010450	LS PACK	CN4 Output LSs after CN#12	MCC		NOTED
6.5.1		NP-010427	REPORT	Status Report for TSG CN WG5	CN5 Chair		NOTED
6.5.1		NP-010428	REPORT	Slide Presentation of Status Report for TSG CN WG5	CN5	Slides suggest 2nd Quarter of 2002 for delivery of Rel-5. Ard-Jan MOERDIJK [CN5 chair] clarified that 5.0 will be available for March 02. Alignments will be made up until June.	NOTED
6.5.1		NP-010461	REPORT	Report of CN5#12, Sophia Antipolis, FRANCE, 16 - 19 July 2001	CN5		NOTED
6.5.1		NP-010462	REPORT	Draft Report of CN5 #13, Munich, GERMANY, 11 - 14 September 2001	CN5 Chair		NOTED
6.5.1		NP-010429	LS PACK	LSs sent from CN5 since TSG CN#12 Meeting	CN5		WITHDRAWN

Ag.	Original Tdoc	TDoc #	Type	Tdoc Title	Source	Discussion	Status
7.1		NP-010512	DISCUSSION DOC	Erroneous Behavior" in CAP CAMEL Phase2	Siemens AG	<p>Harald Dettner [Siemens] indicates a problem with a "XXXXXXX" MSC sending an error response to SendChargingInfo which includes AoC parameters if the MSC doesn't support AoC or the subscriber doesn't have AoC. Siemens propose that the MSC should be tolerant and silently discard the SCI, and that this change should be backdated to R97. Peter Kobriger responds that the protocol handling should be consistent, and if the SCI contains redundant information the MSC should send an error to the SCF, which can then decide how to proceed (abort the dialogue or take recovery action).</p> <p>Stephen H. added that the related CR goes back to R97, and as this release is well frozen it must be either an essential correction or agreed by consensus.</p> <p>Harald Dettner described the options available to CN:-</p> <ul style="list-style-type: none"> - Fix R97 and onwards by making the MSC do silent discard of SCI with AoC if the MSC doesn't support AoC or the sub doesn't have AoC. - Fix R99 and onwards, and inform those who need to know that we can't use SCI with AoC for R98 and earlier. <p>It was agreed to refer this to CN2, where it is hoped that a compromise will be made by the end of the October CN2 meeting.</p> <p>If a compromise cannot be made, a vote will be held in November.</p> <p>Ian Park advised Keijo [CN2 chair] to prepare two questions for vote:- Do we adopt solution X?- Do we adopt solution Y? If solution X is adopted on vote (71% majority) OK, else put the second question. If solution Y is adopted on vote, OK, if not seek compromise.</p>	REFERRED TO CN2
7.2		NP-010447	CR PACK	CRs to R99 and Rel-4 WI CAMEL3, Pack1	CN2		APPROVED
7.2		NP-010448	CR PACK	CRs to R99 and Rel-4 WI CAMEL3, Pack2	CN2		APPROVED
7.2		NP-010451	CR PACK	Camel 3	CN4		APPROVED
7.5		NP-010490	CR PACK	CR to R99 (with mirror CRs) on Work Item EDGE towards 24.008	CN1		APPROVED
7.12		NP-010440	CR PACK	CRs on GPRS [RADIUS]	CN3	<p>Thomas Holstrom [Ericsson] asked for clarification on whether [Radius Authentication] defined in clauses 16 and 16.1 is OPTIONAL.</p> <p>Ian Park, Nigel Berry and Edgar Lycksell (Telia) had no problem with the text which does define RADIUS as optional. [clause 16 says you "may" use RADIUS, hence an option – and if you want to use this option, subclause 16.1 or 16.2 tells you how you shall use it).</p> <p>JMM had concerns with Notes in figure 1 including SHALLs [this should be in main body of text].</p> <p>Proposal to move NOTES to inside the domain of the figure (hence becoming notes that apply to that figure only). The errant note in the body of 16.3.2 is not a NOTE and hence the word NOTE will be removed.</p>	REVISED TO 0530

Ag.	Original Tdoc	TDoc #	Type	Tdoc Title	Source	Discussion	Status
7.12	NP-010440	NP-010530	CR PACK	CRs on GPRS [RADIUS]	CN3		APPROVED
7.12		NP-010491	CR PACK	CRs to R98 and R99 (with respective mirror CRs) on Work Item GPRS towards 09.18 and 29.018	CN1		APPROVED
7.12		NP-010492	CR PACK	CR to R99 (with respective mirror CR) on Work Item GPRS towards 04.65 and 44.065	CN1		APPROVED
7.12		NP-010493	CR PACK	CR to R99 (with respective mirror CRs) on Work Item GPRS towards 24.008	CN1		APPROVED
7.13		NP-010453	CR PACK	GTP Enhancement	CN4		APPROVED
7.13		NP-010454	CR PACK	GTP Enhancement	CN4		APPROVED
7.14		NP-010476	CR PACK	CRs on handover	CN4		APPROVED
7.14		NP-010495	CR PACK	CR to R99 (with mirror CR) on Work Item Handover towards 23.009	CN1	SDLs are required but missing. They are in the process of being prepared. Hannu asks that we approve these CRs and the SDL source file will be provided shortly (by Nokia).	APPROVED
7.14		NP-010502	CR	Bearer selection criteria of calls in a multicall	Siemens		WITHDRAWN
7.14		NP-010503	CR	Bearer selection criteria of calls in a multicall	Siemens		WITHDRAWN
7.14		NP-010504	LS OUT	Proposed LS to SA1 on Bearer selection criteria of calls in a multicall	Siemens		WITHDRAWN
7.14		NP-010505	CR	Bearer selection criteria of calls in a multicall	Siemens		WITHDRAWN
7.14		NP-010506	CR	Bearer selection criteria of calls in a multicall	Siemens		WITHDRAWN
7.15		NP-010494	CR PACK	CRs to R99 (with mirror CRs) on Work Item GSM/UMTS interworking towards 23.009 and 29.018	CN1	After some investigation, Ericsson confirmed there was no requirement for SDL modifications for the CRs 23.009-048r1 & 049r1.	APPROVED
7.20	[N3-304, 305, 306, 307, 308 and 271]	NP-010438	CR PACK	CRs on CS Bearers	CN3		APPROVED
7.22		NP-010458	CR PACK	TEI	CN4		APPROVED
7.22		NP-010496	CR PACK	CRs to R97 and R99 (with mirror CRs) on Work Item TEI towards 04.64 and 24.008	CN1	Nigel Berry [Lucent] mentioned that due to RAN re-org. of their specification we have lost the cross referencing between sections (however cross-referencing sections is not allowed in 3GPP). JMM clarified that thou shalt NOT re-number clauses in a spec. (as described in TR21.810). Ian Park mentioned that the 3GPP notation is missing from 4.3.3.3 and 4.3.4.2 for 25.331. [MCC will do an Editorial - no need for revision of this CR]	APPROVED
8.3	[N3-302 and 341]	NP-010439	CR PACK	CRs on BICC (CSSPLIT)	CN3		APPROVED
8.3		NP-010452	CR PACK	Bearer Independent CS architecture	CN4		APPROVED
8.5		NP-010464	CR	CRs 29.198-01 Rel-4	CN5		APPROVED
8.5		NP-010465	CR	CRs 29.198-02 Rel-4	CN5		APPROVED
8.5		NP-010466	CR	CRs 29.198-03 Rel-4	CN5		APPROVED
8.5		NP-010467	CR	CRs 29.198-04 Rel-4	CN5		APPROVED
8.5		NP-010468	CR	CRs 29.198-05 Rel-4	CN5		APPROVED
8.5		NP-010469	CR	CRs 29.198-06 Rel-4	CN5		REVISED TO 0520
8.5	NP-010469	NP-010520	CR	CRs 29.198-06 Rel-4	CN5		APPROVED
8.5		NP-010470	CR	CRs 29.198-07 Rel-4	CN5		APPROVED
8.5		NP-010471	CR	CRs 29.198-08 Rel-4	CN5		APPROVED

Ag.	Original Tdoc	TDoc #	Type	Tdoc Title	Source	Discussion	Status
8.5		NP-010472	CR	CRs 29.198-11 Rel-4	CN5		APPROVED
8.5		NP-010473	CR	CRs 29.198-12 Rel-4	CN5		APPROVED
8.5		NP-010474	CR	CRs 29.998-04-01 Rel-4	CN5		APPROVED
8.6		NP-010457	CR PACK	Transcoder Free Operation	CN4		APPROVED
8.6		NP-010507	CR	Default Codec Type for " UMTS only " and " UMTS&GSM dual system " UEs	Ericsson L.M.	This CR was also seen by CN1 who found some required modifications to the 23.153 CR.	REPLACED BY 0510 before presentation
8.6		NP-010510	CR	Default Codec Type for " UMTS only " and " UMTS&GSM dual system " UEs	Ericsson L.M.	Ian Park suggested that the revised CR in NP-010510 can be conditionally approved by CN Plenary as long as it is sent out to CN4 email list for comments / approval. Some editorial errors in the document to be corrected in the revised version. Andrew Howell questioned the text of the CR. His understanding is that it is putting requirements on the terminal for R99 whereas Ian Park argued that it only concerns the "CN node". Hannu H. [Nokia] suggested a modified wording. Niels Anderson [Motorola] commented that the suggested wording adds undesirable complexity in the terminal as it requires the support of two codec options. Peter Kobriger [Ericsson] wonders why this is raised now, instead of in SA4 over a year ago. Niels argues that AMR_2 is not a true superset of AMR. Stephen Hayes states that CN are only aligning the CN specs with the SA4 specs (approved in SA#12). Hannu points to the fact that this CR is not consistent with the one for 24.008 in NP-010497. After discussion over coffee Peter Kobriger proposes to revise this CR and the CRs to 24.008 in NP-010497.	REVISED TO 0532
8.6	NP-010510	NP-010532	CR	Default Codec Type for " UMTS only " and " UMTS&GSM dual system " UEs	Ericsson L.M.		APPROVED
8.7		NP-010497	CR PACK	CR to Rel-4 (with mirror CR) on Work Item TFO-AMR towards 24.008	CN1	Relates to the Ericsson CR in NP-010510.	REVISED TO 0533
8.7	NP-010497	NP-010533	CR PACK	CR to Rel-4 (with mirror CR) on Work Item TFO-AMR towards 24.008	CN1		APPROVED
8.8		NP-010455	CR PACK	Location Service Enhancements	CN4		APPROVED
8.12		NP-010531	LS OUT	Draft LS to SA, CN4 etc informing them of the removal of SIWF from UMTS R99	CN	Companies were asked to provide feedback on whether they required SIWF to be a part of UMTS. No company showed a requirement for this in the plenary meeting. Hence final agreement to delete it. Ian Park provided comments on spelling and other errors in the text. Also SA1,2 and CN3,4 are not TSGs simply WGs. Ian Doig reminded that it should be to SA Plenary not CC'd. DAB asked that the attachment be described in the document and not zip within main zip file.	REVISED TO 0526
8.12	NP-010531	NP-010526	LS OUT	LS on Removal of SIWF from R99 and onward	CN		APPROVED
8.13		NP-010498	CR PACK	CR to Rel-4 (with mirror CR) on Work Item DTM towards 24.008	CN1		APPROVED

Ag.	Original Tdoc	TDoc #	Type	Tdoc Title	Source	Discussion	Status
8.13		NP-010500	DISCUSSION DOC	On the introduction of a Release Marker (CN1 / GERAN related??)	Ericsson	CN1 initially objected to the GERAN proposal to have a release marker which uses a single bit to indicate support of all mandatory features in a release. GERAN have repeated their proposal. Ericsson provide arguments against this proposal. Need some guidance on what it a "mandatory" feature and a "not so mandatory" one. Requiring a terminal to support all mandatory features can mean delay to the market. Niels Anderson [Motorola] points out that the identification of a mandatory features to be supported is an independent issue to the Release marker. Hannu points out that the release marker is a definition of the level of support of the protocol, not the level of support of the functional features. Niels confirms that this is what GERAN want. However the operator is also entitled to expect that a mobile which claims compliance with Release 4 also supports the mandatory features of the release. Iain Sharpe [Nortel] wished to separate the issue of protocol encoding from what needs to be made mandatory in GERAN. Hannu suggests that we include in the protocol specification a statement that the release marker indicates only support of the parts of the protocol which were mandatory in the first version of the specification which defined that code point for the release marker.	NOTED
8.13		NP-010519	[LS OUT]	[Proposed] LS on introduction of a new release marker in the Classmark 3 and MS Radio Access Capability les	CN	Neils [Motorola]: Following the discussion of NP-010500 this LS needs to be modified. Separating and clarifying the two separate issues ! Stephen H. suggested the working assumption that GERAN requires the Release marker. Second issue regarding the use of Mandatory features in terminals. It was agreed NOT to send a LS to SA on this, but Stephen will inform SA of this via his report.	REVISED TO 0534
8.13	NP-010519	NP-010534	LS OUT	LS on introduction of a new release marker in the Classmark 3 and MS Radio Access Capability les	CN	Nigel Berry [Lucent] GERAN may need some background info to understand this document. Stephen responded that as Neils was in the meeting he should have the information required.	APPROVED
9.1	[N3-332]	NP-010434	WID	WID for Interworking between IM CN subsystem and IP networks	CN3	CN3 push this back to March 2002.	APPROVED
9.1	[N3-329]	NP-010435	WID	WID for Interworking between IM CN subsystem and CS networks	CN3	CN3 push this back to March 2002.	APPROVED
9.1		NP-010489	WID	WID for SIP call control protocol for the IM CN subsystem	CN1	Hannu warned about 3GPP's dependencies on IETF RFCs.	APPROVED
9.4		NP-010463	WID	Work Item Description OSA Stage 3 Rel5	CN5	Need for a correction in WID (cleaning) Andrew Allen stated 23,218 is missing from the specs effected section. Needs to be added. Also section 14b needs to be modified to reflect the 'single feature' required for REL-5	REVISED TO 0535
9.4	NP-010463	NP-010535	WID	WID for OSA Stage 3	CN5		APPROVED
9.5		NP-010426	WID	Update of CAMEL4 WID in Rel-5 for TSG-CN	CN2	Change delivery date to March 2002.	REVISED TO 0536
9.5	NP-010426	NP-010536	WID	WID for CAMEL-4	CN2	Revised to remove revision marks and provide clean WID sheet	REVISED TO 0541
9.5	NP-010436	NP-010541	WID	WID for CAMEL-4	CN2		APPROVED

Ag.	Original Tdoc	TDoc #	Type	Tdoc Title	Source	Discussion	Status
9.5		NP-010511	CR PACK	phased introduction of SMS reference number to CAMEL4	Ericsson L.M.	Harald challenges the need to include the extra IE in Release 99 (& Release 4) if the functionality is only mandatory in CAMEL phase 4. We could simply add the IE in the Rel-5 version of 29.078, still keeping the AC version at 3. Harald request more time to consult with the experts. After coffee break consultation it was decided to go for conditional approval. CONDITION:- no comments/objections are made once these CRs is sent to CN mail exploder. Deadline 28th Sept. If there are comments / objections the CR will be sent back to CN2 NOTE – Following distribution on the CN email exploder – there was sustained objection to the CRs from one company – hence the CRs are sent back to CN2 for further discussion.	NOT APPROVED
9.6	NP-010529	NP-010538	WID		Ericsson, Nokia, Siemens, Vodafone		APPROVED
9.6		NP-010477	WID	Proposed Work Item Description: Introduction Of AMR-WB speech service in 3GPP Standards Release 5	Ericsson, Nokia, Siemens, Vodafone	This has not been seen by CN4, and Ian Park wants to get this endorsed by CN Plenary and the send it out to CN4 email exploder for approval until a certain date. Hannu asked that the impacts on CN1 need to be modified to include additional modifications to 24.008. Mikko Kanerva [Nokia] - the SA4 part of the work has already been completed and the purpose of this WID is to provide the CN part to support the selected CODEC. However we don't need to provide interworking to the CS AT THIS TIME! Ian Park proposed limiting the scope of this WID to be applicable only to CN, and then raise the need for additional Wis in other WGs to SA. Agreed to limit the scope of the WID to pure CN and to the following modifs. Hannu identified the Parent Feature as wideband telephony service. The use of AMR-WB codec in the IMS, required addition of 24.228 & 24.229 to the affected list. Remove activities of groups outside CN from the WID Need to identify the other related WIDs Also replace dates in timescale part by actual plenaries (not pure dates)	REVISED TO 0529

Ag.	Original Tdoc	TDoc #	Type	Tdoc Title	Source	Discussion	Status
9.6	NP-010477	NP-010529	WID	Proposed Work Item Description: Introduction Of AMR-WB speech service in 3GPP Standards Release 5	Ericsson, Nokia, Siemens, Vodafone	Note:-TS 24.228 should be TS 24.229 Tamura-san had concerns on coordination of Wideband AMR. It was hoped that SA2 will coordinate this work. Hannu mentioned that Wideband AMR in workplan is some what incomplete as it is missing the CN part. Paolo [MCC] why has 23.152 replaced 28.062 which contains the Tandem free aspects. Ian replied that 28.062 is under S4, and not covered by this CN WI. Denis Fauconnier [Nortel] asked why this WID includes a list [clause 4] of tasks that are required to complete wideband AMR. This is usually defined by SA1/SA2 and they need to be made aware of this information. Iain Sharpe suggested sending this to SA1/SA2. Nigel Berry suggested that some work needs to be done in RAN also. Ian Park agrees to draft a LS to SA1/SA2 and RAN. Also the revised WID will have the rev. marks removed.	REVISED TO 0538
9.6		NP-010539	LS OUT	LS on the WID: AMR-WB Speech Service – Core Network Aspects	CN	2 to to the destination groups	REVISED TO 0540
9.6		NP-010540	LS OUT	LS on the WID: AMR-WB Speech Service – Core Network Aspects	CN		APPROVED
9.8	[N3-334]	NP-010437	WID	e2e QoS stage 3	CN3	Nigel Berry [Lucent] asks how the RAN work on QoS will be handled. MCC_CN will inform MCC_RAN that there is work to be done on the IU interface to support e2e Qos. Tomas Holmstrom [Ericsson] believes that the scope of the new specification TSab.cde is too wide and proposed alternative for the WID. Norbert preferred leaving the wider scope in the WID and provide a more detailed scope in the TS itself. This was supported by Nigel Berry [Lucent] Ericsson preferred refining the scope of the work in the WID. Hannu clarified that we do not require any MMI procedure (MMI concept) for e2e QoS. The will be corrected in the revised WID.	REVISED TO 0528
9.8	NP-010437	NP-010528	WID	WID for e2e QoS stage 3	CN3		APPROVED
9.13	[N3-336]	NP-010436	WID	Service Change and UDI Fallback	CN3	Norbert clarified that this work is applicable to both BICC and ISUP. Tamura-san [NEC] does not agree with MMI being implementation dependant. Norbert responded that this service change will be requested by the user via button/menu and the method of doing this will not be standardized by CN3. The NO in section 6. Means no MMI specification will be affected NOT that individual MMIs will not be changed. Tamura-san did not agree with the text in last paragraph section 3 as it introduces problems with OoBTC. It was agreed to remove it. Tamura-San also requested removing last bullet in section 4 as it is very solution specific. It was eventually agreed re-to phrase this as an example. A further addition of Hutchison 3G to the list of supporting companies.	REVISED TO 0527
9.13	NP-010436	NP-010527	WID	WID for Service Change and UDI Fallback	CN3		APPROVED

Ag.	Original Tdoc	TDoc #	Type	Tdoc Title	Source	Discussion	Status
9.13		NP-010460	WID	WID for FS on SS7 signaling transportation in the CN with SCCP-User Adaptation (SUA)	CN4	<p>Updates were seen and discussed in CN4 meeting in Dresden. The target for completion has moved back from CN#13 to CN#14.</p> <p>This will be input to the joint CN4/RAN3 meeting in November (either as CN4 input or directly from the source companies). Harald Dettner asked that the status of this document be made available to CN mailing list once CN4 have seen it [irrespective of agreement or not].</p> <p>Stephen H. asked if the scope of this WI needs to be expanded (due to RAN3 involvement). CN concluded that it is not required as this FS relates only to the CN part. It was agreed to keep the scope of the FS as transport of CN protocols (MAP, CAP, BSSAP+).</p> <p>It was noted that the joint RAN3/CN4 meeting is after the Brighton CN4 meeting.</p>	APPROVED
9.13		NP-010499	CR PACK	CR to Rel-5 on Work Item TEI5 towards 24.008	CN1		APPROVED
10.1		NP-010515	DISCUSSION DOC	ALLOC. Of MU3A SUA within 3gpp WGs	Vodafone	<p>Currently there are discussions in both CN WG4 and RAN WG3 concerning the use of SUA for signaling transport over IP. This has two undesirable effects: valuable meeting time is spent in two groups rather than one; and there is a risk of the two groups reaching conflicting conclusions.</p> <p>Vodafone recommends that CN WG4 take the leading role in the continuing work on SUA.</p> <p>A similar proposal has been made to RAN. Ian Doig [Motorola] reported that RAN will propose a joint meeting between CN4 and RAN3 to discuss this.</p> <p>Francois Courau [RAN Chair] joined the meeting and proposed the joint meeting between CN4 and RAN3.</p> <p>The mandate of the joint session is to figure out the optimal config. SS7 over IP that works for both RAN and CN. If they cannot reach a consensus, then they have to provide the analysis of possible solutions for voting by RAN and CN.</p> <p>Possible options for voting are M3UA only overall or SUA only in the UTRAN with M3UA (possibly with optional SUA) in the CN.</p> <p>Stephen stated that CN would most probably not need a VOTE as we already have a fairly stable idea of what we will be doing.</p> <p>Joint meeting planned 7-8 Nov (possible host Nokia). Harald Dettner (Siemens) will chair the meeting.</p>	NOTED
11		NP-010478	[CR]	CR to 21.101: "Correction to list of specs"	MCC, JMM	FOR R99 - Changes are mainly due to title changes. Although there are some changes are due to specs moving from GSM to UMTS to GSM and other specs that are will never be made.	NOTED
11		NP-010479	[CR]	CR to 21.102: "Correction to list of specs"	MCC, JMM	<p>FOR Rel-4 - As above, plus some additional changes due to the fact that Rel-4 is less stable than R99.</p> <p>Ian Park - TS 23.079 title has spelling error.</p> <p>Norbert-title of TS 04.22 and 24.022 is incorrect</p> <p>Ian Doig - TS29.918 is now multipart however some are missing. JMM answered that these parts will exist in Rel-5 and the numbering is planned that way to give a consistent series of parts. Adrian Ziocas [MCC] added that the OSA work is also done in SPAN and parlay who will own some parts (9&10)</p>	NOTED

Ag.	Original Tdoc	TDoc #	Type	Tdoc Title	Source	Discussion	Status
11		NP-010480	TR	1st draft 21.103: "3rd Generation mobile system Release 5 Specifications"	MCC, JMM	1st draft of Rel-5 list, will be updated as more release 5 specs are approved.	NOTED
11		NP-010481	[CR]	CR to 01.01: "GSM Release 1999 specifications."	MCC, JMM	Pure GSM parts R99 - Hannu questioned the removal of 04.08 from R99 - Will require modifying references in other specs. JMM explained that this reflects what has been done, even though this may not be the best solution. It was agreed to resurrect GSM 04.08 for R99 to act as a pointer to UMTS 24.008 & GSM 04.18.	NOTED
11		NP-010482	[CR]	CR to 41.102: "GSM Release 4 Specifications"	MCC, JMM	Pure GSM parts Rel-4 NOTE to clause 5 is out of date and needs to be removed before presentation to SA. This will be done before presentation to TSG_SA. Hannu asks when we can safely delete 44.008; JMM answered that is can be done when all references to it have been removed from other specifications Action on All CN WGs to check their references and replace references to GSM 04.08 or TS 44.008 with references to TS 24.008 (or TS 44.018). JMM reminds the meeting that we must only reference clauses to specs from the same release.	NOTED
11		NP-010483	TR	1st draft 41.103: "GSM Release 5 Specifications"	MCC, JMM	Pure GSM parts for Rel-5	NOTED
11		NP-010484	LIST	Specs status list prior to TSGs#12	MCC, JMM		NOTED
11		NP-010485	LIST	Spec numbers and titles	MCC, JMM		NOTED
12		NP-010411	WORK PLAN	Latest Version of 3GPP Workplan	MCC	Hannu identifies some issues on dates which don't reflect inputs from CN1: - Emergency calls need to be aligned with the handling of normal calls. - AMR-WB – CN aspects activity needs to be updated to reflect the WID agreed this week. - UID 2099 should have been deleted but it hasn't – Stephen will raise in these issues in SA#13. MCC will ensure the changes are integrated in the version presented to SA#13 meeting.	NOTED
12		NP-010412	WORK PLAN	3GPP Workplan Slides Presentation	MCC	Changes were made on-line to the slides:- - UID 1998 end date is March 2002. - Missing IETF drafts SIP-DHCP and SIP-replaces were added. - CAMEL impacts on HSS renamed to impacts on SDM from CAMEL control of IMS also end date March 2002. - Addressing impacts on HSS end date March 2002. It was noted that CN4 need to look more closely at the work for the HSS. Iain Sharp [Nortel] wants a caveat on the input to SA#13 that more detailed examination of CN4 timescales is needed. MCC will update this document before input to SA#13.	NOTED

Ag.	Original Tdoc	TDoc #	Type	Tdoc Title	Source	Discussion	Status
12		NP-010486	DISCUSSION DOC	Scope of IMS in Rel	Siemens et al.	Presents the proposed split of features into Rel-5 & Rel-6, for information in CN/RAN/T - discussion in SA. Some concerns were raised on the detail (or lack of) in this document and the usefulness of reviewing this document before it's presented in SA. CN agreed to postpone detailed discussion of this document until SA#13.	NOTED
12		NP-010508	DISCUSSION DOC	Proposal for cleaning-up the IMS feature	MCC		NOTED
12		NP-010509	DISCUSSION DOC	Identifying the minimum functionality of IMS	MCC	Decided not to spend time on this in CN. It will be examined in detail in SA.	NOTED
12		NP-010516	DISCUSSION DOC	Determining the Timing and Scope Of Release 5	BT	Requests all TSGs (CN, RAN & T) to provide realistic estimates of the completion dates for each item in the work plan to be used as the basis for a decision in SA on the content and overall timing of Rel-5. Nigel Berry [Lucent] supports this view adding that the WGs need to be informed of any changes as it would involve a considerable amount of work to remove features at this time.	NOTED
12		NP-010513	DISCUSSION DOC	Release 5 Content and Timing With Respect to IMS	3G.IP	3G.IP proposes the following 1. Rel-5 contain at least an initial release of IMS capabilities. 2. If the existing Rel-5 dates cannot be met, a firm target no later than March '02 shall be set. 3. In order to assure that the first 2 requirements can be met, 3GPP should prioritize Rel-5. Comments - 3GPP cannot prioritize Rel-5 over R99 corrections (esp. RAN). Mikko Kanerva [Nokia] responds that the intention is to set relative priorities between Release 5 items.	NOTED
12		NP-010537	DISCUSSION DOC	Minimum Acceptable Functionality of IMS in Release 5 - An Operator's Perspective	BT	Basic description of what needs to be in the first release of IMS with what can be delayed. CN agrees that the target date for Rel-5 should be March 2002. CN agrees that IMS can be phased. Reminder that we should be cautious about accepting new work items for Rel-5.	NOTED
12		NP-010433	WORK PLAN	CN3 Updates to the 3GPP WorkPlan	CN3		WITHDRAWN

ANNEX C. TSG CN meeting #13 Participants List

	Title	First	Last	Organisation	Mail	Role	ORGS_CODE	SDO
1	Mr.	Stefan	Toth	ERICSSON L.M.	stefan.toth@erv.ericsson.se		3GPPMEMBER	ETSI
2	Mr.	Steve	Mecrow	BT	steve.mecrow@bt.com		3GPPMEMBER	ETSI
3	Mr.	Andrew	Howell	MOTOROLA GmbH	andrew.howell@motorola.com		3GPPMEMBER	ETSI
4	Mr.	Niels Peter Skov	Andersen	MOTOROLA A/S	npa001@email.mot.com		3GPPMEMBER	ETSI
5	Mr.	Adrian	Zoicas	ETSI Secretariat	adrian.zoicas@etsi.fr		3GPPORG_REP	ETSI
6	Mr.	Ian	Doig	MOTOROLA S.A.	ian.doig@motorola.com		3GPPMEMBER	ETSI
7	Mr.	Edgar	Lycksell	TELIA AB	Edgar.A.Lycksell@telia.se		3GPPMEMBER	ETSI
8	Mr.	Ian David Chalmers	Park	VODAFONE Group Plc	ian.park@vf.vodafone.co.uk	V-Chair	3GPPMEMBER	ETSI
9	Mr.	Harald	Dettner	SIEMENS AG	harald.dettner@icn.siemens.de		3GPPMEMBER	ETSI
10	Mr.	Peter	Donat	FEEI	peter.donat@siemens.at		3GPPMEMBER	ETSI
11	Mr.	Norbert	Klehn	SIEMENS AG	norbert.klehn@icn.siemens.de		3GPPMEMBER	ETSI
12	Mr.	Jan	Ellsberger	ERICSSON L.M.	jan.ellsberger@era.ericsson.se		3GPPMEMBER	ETSI
13	Mr.	Olavi	Blomberg	SONERA Corporation	olavi.blomberg@sonera.com		3GPPMEMBER	ETSI
14	Mr.	Nigel. H	Berry	Lucent Technologies N. S. UK	nhberry@lucent.com		3GPPMEMBER	ETSI
15	Mr.	Mikko	Kanerva	NOKIA Corporation	mikko.j.kanerva@nokia.com		3GPPMEMBER	ETSI
16	Ms.	Pilar	Sierra	TELEFONICA de España S.A.	sierra_p@tsm.es		3GPPMEMBER	ETSI
17	Mr.	Frank	Hundscheid	ERICSSON L.M.	eedfrhaeed.ericsson.sr		3GPPMEMBER	ETSI
18	Mr.	Gary	Jones	VoiceStream Wireless Corp.	gary.jones@voicestream.com		3GPPMEMBER	T1
19	Mr.	David	Boswarthick	ETSI Secretariat	david.boswarthick@etsi.fr	Sec	3GPPORG_REP	ETSI
20	Mr.	Richard	Brook	SAMSUNG Electronics	richardbrook39@aol.com		3GPPMEMBER	ETSI
21	Mr.	Ahti	Muhonen	NOKIA Corporation	ahti.muhonen@ntc.nokia.com		3GPPMEMBER	ETSI
22	Mr.	Hannu	Hietalahti	NOKIA Corporation	hannu.hietalahti@nokia.com		3GPPMEMBER	ETSI
23	Mr.	Sumio	Miyagawa	SIEMENS AG	sumio.miyagawa@siemens.at		3GPPMEMBER	ETSI
24	Mr.	Tomas	Holmström	ERICSSON L.M.	tomas.holmstrom@ecs.ericsson.se		3GPPMEMBER	ETSI
25	Mr.	Keijo	Palviainen	NOKIA Corporation	keijo.palviainen@nokia.com		3GPPMEMBER	ETSI
26	Mr.	Thomas	Holm	TDC TELE DANMARK A/S	thrho@tdk.dk		3GPPMEMBER	ETSI
27	Mr.	Per Johan	Jorgensen	ETSI Secretariat	jorgensen@etsi.fr		3GPPORG_REP	ETSI
28	Mr.	Stephen	Hayes	Ericsson Inc.	stephen.hayes@ericsson.com	Chair	3GPPMEMBER	T1
29	Mr.	Akishige	Noda	Fujitsu Limited	aki.noda@jp.fujitsu.com		3GPPMEMBER	TTC
30	Mr.	Peter	Kobriger	ERICSSON L.M.	peter.kobriger@eed.ericsson.se		3GPPMEMBER	ETSI
31	Mr.	Shinichiro	Aikawa	Fujitsu Limited	aikawa@ss.ts.fujitsu.co.jp		3GPPMEMBER	TTC
32	Mr.	Toshiyuki	Tamura	NEC Corporation	tamurato@aj.jp.nec.com		3GPPMEMBER	TTC
33	Mr.	Kimmo	Kymalainen	ETSI Secretariat	kimmo.kymalainen@etsi.fr		3GPPORG_REP	ETSI
34	Mr.	Stephen	Corkovic	VIP-NET GSM d.o.o.	s.corkovic@vipnet.hr		3GPPMEMBER	ETSI

	Title	First	Last	Organisation	Mail	Role	ORGS_CODE	SDO
35	Dr.	Ard-Jan	Moerdijk	ERICSSON L.M.	Ard.Jan.Moerdijk@eln.ericsson.se		3GPPMEMBER	ETSI
36	Mr.	Peter	Schmitt	SIEMENS AG	peter.schmitt@icn.siemens.de		3GPPMEMBER	ETSI
37	Mr.	Jerry	Shih	CommWorks Corporation	jerry_shih@3com.com		3GPPMEMBER	ETSI
38	Mr.	Andrew	Allen	MOTOROLA SEMICONDUCTOR ISRAEL	caa019@email.mot.com		3GPPMEMBER	ETSI
39	Mr.	Neil	Lilly	Lucent Technologies N. S. UK	nlilly@lucent.com		3GPPMEMBER	ETSI
40	Mrs.	Andrijana	Juriscic	ETSI Secretariat	andrijana.juriscic@etsi.fr		3GPPORG_REP	ETSI
41	Mr.	Peng	Li	QUALCOMM EUROPE S.A.R.L.	pli@qualcomm.com		3GPPMEMBER	ETSI
42	Mr.	Kunihiko	Taya	NEC Corporation	taya@bk.jp.nec.com	V-Chair	3GPPMEMBER	TTC
43	Mrs.	Marianne	BIGNON	ALCATEL France	Marianne.Bignon@alcatel.fr		3GPPMEMBER	ETSI
44	Mr.	Chengzhen	Sun	CWTS	suncz@catt.ac.cn		3GPPORG_REP	CWTS
45	Miss	Jie	Wang	HuaWei Technologies Co., Ltd	jie_wang@huawei.com		3GPPMEMBER	CWTS
46	Ms.	Xiaoyan	HE	Lucent Technologies, Inc.	xyhe@lucent.com		3GPPINVITE	
47	Dr.	Charles	Tsao	CCL/ITRI	sltsao@itri.org.tw		3GPPMEMBER	ETSI
48	Dr.	Hongyu	Wang	CWTS	awang@wacos.com		3GPPORG_REP	CWTS
49	Mr.	chongyou	DU	SHANG HAI BELL	cydu@sbell.com.cn		3GPPMEMBER	CWTS
50	Mr.	Bin	Zhou	China Mobile Company Corp.	zhoubin@chinamobile.com		3GPPMEMBER	CWTS
51	Mr.	Bing	Xu	CATT	xub@catt.ac.cn		3GPPMEMBER	CWTS
52	Ms.	Huili	Zhao	SIEMENS AG	huili.zhao@pek1.siemens.com.cn		3GPPMEMBER	ETSI
53	Mr.	Wei	Pan	CATT	panw@catt.ac.cn		3GPPMEMBER	CWTS
54	Dr.	Asok	Chatterjee	Ericsson Inc.	asok.chatterjee@ericsson.com		3GPPMEMBER	T1
55	Miss	Yajuan	Wu	HUAWEI TECHNOLOGIES Co. Ltd.	wuyajuan@huawei.com		3GPPMEMBER	ETSI
56	Mr.	Zhiming	Zhu	HUAWEI TECHNOLOGIES Co. Ltd.	zzming@huawei.com		3GPPMEMBER	ETSI
57	Mr.	Wei	Wu	RITT	wuwei@mail.ritt.com.cn		3GPPMEMBER	CWTS
58	Ms.	Xiaoyan	Xu	Lucent Technologies N. S. UK	cathyxu@lucent.com		3GPPMEMBER	ETSI

History

Document History	
26 th Sept. 2001	DRAFT v0.2.0 Presented to TSG-SA#13 (SP-010xxx)
1st Oct. 2001	DRAFT v1.0.0 send to TSG_CN Officials for comments
8 th Oct 2001	<p>DRAFT v1.1.0 dispatched to the TSG-CN mail exploder for comments.</p> <p>Comments to be addressed to:</p> <p>Mr. David Boswarthick, 3GPP TSG CN MCC Support MCC - ETSI Secrétariat Tel :+33 (0)4 92 94 42 78 E-mail: david.boswarthick@ETSI.fr</p> <p>A deadline of 2 weeks was given to the CN delegates for e-mail comments on the draft report.</p> <p>E-mail comments back by 22nd Oct 2001</p>
12th Dec 2001	Final v2.0.0 approved at TSG#14 Meeting in Japan – Made version 3.0.0 and placed to server as the official meeting report.