

DRAFT



Third Generation Partnership Project

DRAFT MEETING REPORT v0.0.5

3GPP TSG-CN#25

**Palm Springs, USA.
8th – 10th September, 2004**

Hosted by:

North American Friends

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CN Chairman's Executive Summary

The target date for freezing of Release 6 was TSGs #25 (Sept. 2004). For the bulk of items, extensions will be requested until Dec 2004. See NP-040440 for a list of requested exceptions.

Some statistics on specifications and WIDs:

- 24 specifications put under change control
- 3 specifications were presented for information
- 5 WIDs were updated
- 4 New WIDs were approved

The list of specifications placed under change control and new/revised WIDs can be found in annex A of this report.

Most of the major work items are still targeted for completion in Dec 04.

Items which will not be completed by Dec 2004:

- IMS emergency calls,
- GUP,
- IMS Local service,
- MRFC-MRFP (Mp) interface, and
- SIP enhancements to trace.
- The support for mapping to IMS presence and GUP has also been removed from the OSA rel 6 work item.
- IMS local services has been stalled for some time. To progress this work a specific stage 3 WID will be required.
- Progress on IMS Emergency calls have also been continually delayed due to lack of contributions. The plenary requested that the IMS emergency call WID be revised and supporting companies check if they are still planning on actively supporting this work.

SA will be requested to make OMA aware of the Parlay X work which has occurred to CN5. CN endorsed CN5's proposal to take create and take responsibility for new OSA stage 2. Note that the fate of 23.127 remains up to SA2.

The NGN enabler WID was approved after considerable discussion. TSG_CN WGs are requested to review the WID and provide greater detail on the proposed contents and any schedule updates for a revision of the WID. The schedule for the NGN stage 3 TR was delayed by 3 months and the explicit references to TISPAN were removed. It was noted that the working assumption in CN is that service requirements come from SA1, architectural requirements come from SA2, and security requirements come from SA3.

1 Opening of the meeting

Stephen Hayes of Ericsson welcomed the delegates to Palm Springs on behalf of the hosts. The meeting was chaired by Mr. Stephen Hayes, (Chair, Ericsson). Additional support was provided by Mr. Iain Sharp (Vice-Chair, Nortel), Mr. Kunihiro Taya (Vice-Chair, NEC), and Mr. David Boswarthick (CN Secretary, MCC).

2 Approval of the agenda

- NP-040300 Draft agenda for CN #25 meeting, MCC. **APPROVED.**
- NP-040324 Allocation of documents to agenda items (at tdoc deadline),CN vice-chairman. **NOTED.**
- NP-040301 Allocation of documents to agenda items (start of day 1),CN vice-chairman. **NOTED.**
- NP-040302 Allocation of documents to agenda items (end of day 1),CN vice-chairman. **NOTED.**
- NP-040303 Allocation of documents to agenda items (end of day 2),CN vice-chairman. **NOTED.**
- NP-040304 Allocation of documents to agenda items (end of day 3),CN vice-chairman. **NOTED.**
-

3 IPR declarations

Reminder for IPR declaration

The chairman made the following call for IPRs, and asked ETSI members to check the latest version of ETSI's policy available on the web server:

The attention of the members of this Technical Specification Group is drawn to the fact **that 3GPP Individual Members have the obligation** under the IPR Policies of their respective Organizational Partners to **inform their respective** Organizational Partners **of Essential IPRs they become aware of.**

The members take note that they are hereby invited:

- to investigate in their company whether their company does own IPRs which are, or are likely to become Essential in respect of the work of the Technical Specification Group.
- to notify the Director-General, or the Chairman of their **respective** Organizational Partners, of all potential IPRs that their company may own, by means of the IPR Statement and the Licensing declaration forms (e.g. see the ETSI IPR forms <http://webapp.etsi.org/lpr/>).

4 Meeting Reports

4.1 Report from CN#24 Meeting

NP-040305 Draft report from CN#24 meeting, MCC.
Status: **APPROVED.**

4.2 Reports from other groups

No Input to this agenda item.

4.3 IETF coordination report

NP-040316 IETF coordination report, CN Chair.
Comments: Delivery of outstanding IETF dependencies will be a factor to be considered in the discussion of work items to be included in REL-6.
Status: **NOTED.**

4.4 3GPP + TISPAN Workshop Report

NP-040323 Highlights of 3GPP TISPAN NGN Workshop. **NOTED.**

5 Incoming liaisons

NP-040308 LS on "EHPLMN (Equivalent HPLMN)" [CN copy only], T1.

Discussion: Will be dealt with by CN1 in their November meeting. No action for CN plenary. **NOTED.**

NP-040311 Reply LS to the TISPAN LS "List of potential Change Requests on TS 24.229 for IMS use in NGN" [N1-041642] [CN copy only], CN1.

Discussion: Deals with the principles of handling the CRs from TISPAN in CN1.

Concerns were raised about the TISPAN requirements coming directly from TISPAN as opposed to the mechanism that had been agreed that member companies should bring contributions to 3GPP. Also questions were raised as to why work is coming into the protocol level without first being discussed in SA1 or SA2.

Status: **NOTED.**

NP-040312 LS on transferring the OSA stage 2 (23.127) responsibility from SA2 to CN5 [N5-040525], [to CN for ACTION], CN5.

Content: CN5 has considered the proposal from SA2, and has agreed on the following:

- To take over the responsibility for the OSA stage 2 from Rel-6 onwards (subject to CN endorsement).
- To submit the final Rel-6 OSA Stage 2 to CN#26 (12/2004), as agreed by CN#24 (06/2004).
- To request a new TS number for the OSA Stage 2, so that starting from Rel-6 the current TS 23.127, which covers both OSA and VHE in its scope, can be discontinued.
- To bring to CN#25 (09/2004) some updates (CRs) to the current OSA Stage 2 (TS 23.127), so that when contributions are available an alignment can be kept between Stages 1, 2 and 3. The latest version of TS 23.127 will be used to create the new, OSA only, TS, for submission to CN#26 for Approval.

Discussion: CN plenary endorses the CN5 agreements as stated in the LS with the following exceptions:

- Since CN5 is not taking responsibility for 23.127, it is up to SA and SA2 to decide to discontinue it.
- CN5 will send the recommended CRs as a LS to SA2.

Status: **NOTED.**

NP-040313 LS on Adding ANSI protocols to 3GPP Iu lower layer specifications [R3-041240], [to CN for ACTION], RAN3.

Content: RAN3 received a LS from T1P1, which requests the addition of ANSI specification references to 3GPP physical layer and signaling bearer specifications as an option for UTRAN interfaces. RAN3 identified that some ANSI references are already provided in the physical layer specification TS 25.411, however no ANSI option is provided for ANSI SS7 transport layers in the relevant specifications.

RAN3 discussed the LS and decided to ask individual members of T1P1 to prepare CRs to these related specifications and submit them to 3GPP TSG RAN3 #44 meeting for further discussion and approval.

RAN3 also discussed T1P1's request to update the relevant specifications from Release 99 onwards and came to the conclusion that this is possibly not necessary.

Considering the relationship with CN on the requested modifications, RAN3 would like to inform CN for the activities and also would like to **ask CN to review the attached LS** and let RAN3 know if CN has any concern and suggestion.

Discussion: The LS proposes that the Iu interfaces include the ANSI protocol stacks (in addition to the IETF specifications). Although the Iu specs are owned by RAN there may be some impacts on CN (specifically CN1 and CN4) specifications.

Forwarded to CN1 and CN4, and they are requested to check the impact on their specifications, and CN1 will liaise back to RAN3. CN4 should not take this as an indication that CN needs to do work on adding ANSI protocol options to the internal CN protocols.

Status: **NOTED and FORWARDED to CN1 and CN4.**

NP-040325 Technical Report on mobility management, [SSG-LS2-E], [to CN for ACTION], ITU-T SSG.

Content: The LS contains the latest version of Q.TRMMR. As this Supplement is scheduled to be submitted for approval at the December 2004 meeting of the SSG, **TSG CN is kindly requested to review**

the content to ensure that it is technically correct and it is in line with your Mobility Management specifications.

Discussion: 3GPP TSG-CN has requested that the 3GPP individual member companies analyse the document and provide any comments directly into SSG.

CN will respond to this LS via an LS to SA [NP-040422]

Status: **NOTED.**

NP-040422 LS OUT Proposed Response to SSG on Review of Q.TRMMR, CN.

Content: Proposes text for the LS from TSG_SA to ITU-T-SSG.

Status: **APPROVED.**

NP-040419 LS to TSG CN on the documents to be considered for the Revision 5 of Recommendation ITU-R M.1457 [RP-040322], [to CN for ACTION], RAN.

Content: TSG RAN#25 intend to approve the update of UTRA FDD and UTRA TDD toward Revision 5 of Rec. ITU-R M.1457, for subsequent submission to ITU-R WP 8F (Shangai, 13th –20th October 2004) following usual procedures.

Per each IMT-2000 radio interface, Rec. ITU-R M.1457 contains an 'Overview' (section 5.x.1) and a list of 'Detail Specification' (section 5.x.2) where per each Spec the title and a brief synopsis is provided. Per each Spec (with the exception of most System Aspects Specs) there is also a table that will be filled in by 31st May 2005 by the OPs with the hyperlinks to their transposed Deliverables (usually OPs adopts the December version of the 3GPP approved Specs for the transposition).

With reference to the list of 'Detail Specifications' for UTRA FDD (Section 5.1.2) and UTRA TDD (Section 5.3.2), TSG RAN would like to inform TSG CN that the Specifications under TSG CN responsibility listed in the Annex are contained in the current version of Rec. ITU-R M.1457.

TSG RAN ask TSG CN to check whether this material is correct and complete. TSG RAN kindly ask TSG CN to send feedback by Wednesday, 8th September.

Finally, TSG RAN inform TSG CN that, based on the complete list of Specs contained in the updated Sections 5.1.2 & 5.3.2, a CD ROM containing the September version of the Specs will be submitted to the next meeting of ITU-R WP 8F as Global Core Specifications (GCS).

Discussion: CN are asked to indicate if they have created any new radio related specifications.

CN consider the specification list provided by RAN in this LS is correct and to be up to date. No LS will be sent to RAN, however Giovanni will report this conclusion to TSG_RAN.

Status: **NOTED.**

NP-040420 LS on OMA and Web Services specifications (3GPP TS 29.199-series) [N5-040619], [CN copy only], CN5.

Content: CN5 asks TSG SA to communicate to OMA the availability of the Parlay X Web Services as 3GPP specifications TS 29.199-series, and propose they be taken into account in ongoing OMA activities as detailed above in order to avoid possible fragmentation or duplication of work which potentially could lead to diverging standards in all the organizations involved in the these activities.

Discussion: CN chair will highlight this issue at the SA plenary.

Status: **NOTED.**

6 Reports from TSG-CN working groups (& CN Ad Hocs)

6.1 Reporting from TSG-CN WG1

6.1.1 Status report from CN1

NP-040362 Status Report for TSG CN WG1, CN1 Chair.

Discussion: There was some discussion on the section of the meeting report that presented the progress of Rel-6 Work items. The overall issue of CN work to be included in Rel-6 was discussed later in the plenary.

Local Services Work has seen no contributions. It needs to have its' own work item and not be included on IMS2. The CN chair will indicate to SA that any further work on local services needs to have it's own WID. CN1 will produce a revision of the IMS2 WID for the next meeting.

Also for the IMS emergency call WID there have been no contributions in CN1 meetings. CN1 will revise this WID, especially in order to identify the supporting / active companies. It will be deleted if there are insufficient supporting companies.

The CN Chair will report to SA that CN have asked for the WID to be revised to identify if there are still supporting companies.

The Dec 04 completion date for domain specific access class barring was questioned. It was clarified that although work is currently at 2% complete, it is only expected that 2 CRs will be required and completion is possible by December. Ericsson's objection to these dates was noted.

There was a discussion on document deadlines for working group meetings. There was no real support for coordinating the deadlines, and CN plenary took no decision on this. CN WGs are free to decide their own deadlines, with no real need to synchronise the CN WGs deadlines.

Atle Monrad was welcomed as the new CN1 vice-chair replacing Richard Brook. Andrijana Jursic was welcomed as the new CN1 MCC secretary replacing Per Johansson.

Status: **NOTED.**

NP-040363 CN1#34bis and CN1#35 meeting reports, MCC. **NOTED.**

NP-040364 All LSs sent from CN1 since TSG CN#24 Meeting, MCC. **NOTED.**

6.1.2 Questions for advice and decisions from CN1

No Input to this agenda item.

6.2 VOID.

6.3 Reporting from TSG-CN WG3

6.3.1 Status report from CN3

NP-040330 CN3 Status Report to CN Plenary, CN3 Chair.

Discussion: The CN3 proposal to convert 23.910 from a TR to a TS was discussed. Work is required as part of the conversion to remove information duplicated in other specifications. It was unclear there were sufficient supporting companies to actually do the work. There were no objections to the conversion, however if CN3 wishes to undertake this work then a WID needs to be developed since a new TS is being produced. It is acceptable to bring the new WID and TS for approval to the next plenary. Since this is entirely a documentation matter and not a functional change to the system there is no need to seek an exception for this work at SA.

Ragnar Huslande was welcomed as the new CN3 chair.

Status: The document was **NOTED.**

NP-040331 Draft Meeting Report from CN3#33 Meeting, CN3. **NOTED.**

NP-040332 All LSs sent from CN3 since TSG CN#24 Meeting, CN3. **NOTED.**

6.3.2 Questions for advice and decisions from CN3

No Input to this agenda item.

6.4 Reporting from TSG-CN WG4

6.4.1 Status report from CN4

NP-040388 Status report from CN4 to TSG-CN Plenary Meeting #25, CN4 chairman.

Discussion: Nortel asked clarification on agreement in CN4 regarding adoption of H.248 V2 for Mc interface. CN4 chairman replied that there was an agreement in principle for Release 6, however further checking is still required before CR can be brought to the plenary.

Status: **NOTED.**

NP-040389 CN4#23 bis Meeting Report, CN4. **NOTED.**

NP-040390 CN4#24 Meeting Report, CN4. **NOTED.**

NP-040391 All LSs sent from CN4 since TSG CN#24, CN4. **NOTED.**

NP-040309 CAMEL open issue status list CN4, Vice Chairman. **NOTED.**

6.4.2 Questions for advice and decisions from CN4

No Input to this agenda item.

6.5 Reporting from TSG-CN WG5

6.5.1 Status report from CN5

NP-040347 Chair's report from CN5 (slide presentation), CN5 Chair. **REVISED to 0417 before presentation.**

↓ **REVISED** ↓

NP-040417 Chair's report from CN5 (slide presentation), CN5 Chair.

Discussion: SA1 has clarified that no GUP requirements are anticipated so GUP is excluded from OSA Rel 6. It was clarified that for presence and availability management (PAM), that mapping to IMS due to lack of a rapporteur or progress on the work, the mapping to IMS presence is excluded from OSA Rel 6. CN1 is requested to remove this item from the presence WID. It is unclear if CN5 will require a February 2005 WG meeting. Since CN5 was not part of the initial plans, it will be difficult to collocate CN5 with the other CN WGs in February.

Status: **NOTED.**

NP-040348 Draft Report of CN5#28, CN5 Chair. **NOTED.**

NP-040349 CN5 Output LSs after CN#24, CN5. **NOTED.**

6.5.2 Questions for advice and decisions from CN5

No Input to this agenda item.

6.6 Status ITU-T ad hoc group

No Input to this agenda item.

7 Release 4 & earlier: Approval of contributions (by Work Item)

**NOTE - Rel 4 and previous releases are functionally FROZEN.
ONLY CAT F and CAT A CRS ALLOWED.**

7.1 CAMEL Phase 2 and Phase 3

No Input to this agenda item.

7.2 Security

No Input to this agenda item.

7.3 GPRS

No Input to this agenda item.

7.4 Location service enhancement [LCS1]

No Input to this agenda item.

7.5 Handover

No Input to this agenda item.

7.6 GSM- UMTS Interworking

No Input to this agenda item.

7.7 Transcoder Free Operation [TrFO]

No Input to this agenda item.

7.8 Enable bearer independent CS architecture [CSSPLIT]

No Input to this agenda item.

7.9 Multicall

No Input to this agenda item.

7.10 OSA Enhancements [OSA1]

NP-040352 Rel-4 CR 29.198-04, Rel-5/6 CR 29.198-04-2 Correct IpCall State Diagram, CN5. **APPROVED.**

7.11 Small Technical Enhancements & Improvements [TEI]

NP-040374 CR on Rel-4 WI TEI4 (with mirror CRs) for TS 44.065, CN1. **APPROVED.**

NP-040392 CRs to Rel-4 on Work Item small Technical Enhancements and Improvements on Mc-Interface, CN4. **APPROVED.**

7.12 Any Other pre-Release 5 WI

NP-040373 CR on R99 WI ASCI (with mirror CRs) for TS 03.68, TS 43.068, TS 03.69 and TS 43.069 CN1. **APPROVED.**

8 Release 5:

NOTE - Rel 5 release is functionally FROZEN. ONLY CAT F and CAT A CRS ALLOWED

8.1 Provisioning of IP-based multimedia services [IMS]

NP-040385 CRs on Rel-5 WI IMS-CCR for TS 24.228 and 24.229, CN1.

Discussion: Motorola asked why editor's notes are being added to a Frozen specification. CN1 Chair clarified that this is a real open item in CN1 for Rel-5, but no solution has been found to date.

Status: **APPROVED.**

NP-040393 CRs to Rel-5 on Work Item IP-based multimedia services Cx-/Dx-interface, CN4. **Revised to 0416 before presentation.**

↓ REVISED ↓

NP-040416 CRs to Rel-5 on Work Item IP-based multimedia services Cx-/Dx-interface, CN4. **APPROVED.**

NP-040394 CRs to Rel-5 on Work Item IP-based multimedia services Sh-interface, CN4. **APPROVED.**

NP-040395 CRs to Rel-5 and Rel-6 on Work Item IP-based multimedia services (Application version control), CN4. **APPROVED.**

NP-040396 CRs to Rel-5 and Rel-6 on Work Item IP-based multimedia services (User profile split) CN4. **APPROVED.**

NP-040412 CRs to Rel-5 on Work Item IP-based multimedia services AVP renumbering, CN4. **APPROVED.**

8.2 OSA enhancements [OSA2]

NP-040355 25 Rel-5/6 CR 29.198-xy Remove a field that appears in every Rel-5/6 part that has J2EE,CN5. **APPROVED.**

8.3 CAMEL Phase 4 [CAMEL4]

NP-040397 CRs to Rel-5 on Work Camel 4 and IMS Camel CN4. **APPROVED.**

8.4 Location Service Enhancements [LCS1]

No Input to this agenda item.

8.5 End to End QoS [E2EQoS]

NP-040333 CRs to Rel-5 (with mirror CRs) on Work Item "End to End QoS", CN3. **APPROVED.**

8.6 Security enhancements [SEC1]

No Input to this agenda item.

8.7 Service Change and UDI Fallback [SCUDIF]

No Input to this agenda item.

8.8 Technical Enhancements and Improvements [TEI5]

NP-040398 CRs to Rel-5 on Work Item small Technical Enhancements and Improvements on GTP, CN4. **APPROVED.**

8.9 Any other Rel-5 WI

NP-040399 CRs to Rel-5 on Work Item small Technical Enhancements and Improvements on Mc-Interface CN4.

Status: **REVISED to NP-0400418**

↓ **REVISED** ↓

NP-040418 CRs to Rel-5 on Work Item small Technical Enhancements and Improvements on Mc-Interface CN4.

Discussion: tdoc N4-04155 mentions H.248 version 2, and this has not been agreed for Rel-5. CN4 clarified that this is part of the motivation, but version 2 is not actually being used. Nokia did not agree with the introduction of the restriction in CR069. Ericsson agree that this CR needs to be studied further. It was suggested to return the CR to CN4 for further work. Nortel had concerns that CRs 066 and 067 are not complete and ask that they be studied further in the WG. Nortel suggest that the use of digit maps and event buffers may still be required. After offline discussions it was clarified that that requirement does not exist in the stage 2. Proposed to agree the CR and examine alternative or complimentary solutions at the next CN4 meeting. CN4 is permitted to bring additional Rel 5 CRs addressing any deficiencies introduced by the removal of digit maps and event buffers to the next meeting. ALL CRs in this pack apart from CR069 are APPROVED.

CR069 is sent back to CN4 for further study.

Status: **PART APPROVED.**

NP-040400 CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on cause code mapping CN4. **APPROVED.**

9 Release 6

9.1 IMS Phase 2 [IMS]

NP-040381 CRs on Rel-6 WI IMS2 for TS 24.229, CN1.

Discussion: CR 701, wrong clauses is mentioned on the coverpage. Also some confusion in the clause numbering in the TS. Editors are requested to check the clause numbering of this specification.

Status: **APPROVED.**

NP-040382 CR on Rel-6 WI IMS2 for TS 24.229 (Pack 1), CN1.

Discussion: Once again, some confusion in the clause numbering in the TS (see above action). Also duplicated reference number is used. MCC is asked to correct problems with references when incorporating the CR.

A brief discussion ensued on the inclusion of sufficient text around a changed section in order to ensure that delegates can review the changed text. MCC will update the duplicated reference number.

Status: **APPROVED.**

NP-040383 CR on Rel-6 WI Additional SIP capabilities for TS 24.229 (Pack 2), CN1. **APPROVED.**

NP-040384 CRs on Rel-6 WI IMS2 for TS 23.218, CN1. **APPROVED.**

NP-040401 CRs to Rel-6 on Work Item IP-based multimedia services, CN4. **APPROVED.**

9.2 Support of Presence Capability [PRESNC]

NP-040380 CRs on Rel-6 WI PRESNC for TS 24.141 and TS 24.229, CN1.

Discussion: Lucent have identified incorrect references in two of the change requests. CR 06 has a wrong reference number. CR 06 is revised into NP-040427.

CR 03 may have the incorrect RFC number. CR 03 is revised to 0426.

All other CRs in the pack are approved.

Status: **PART APPROVED.**

NP-040426 CR 03 from NP-040380, Lucent. **APPROVED.**

NP-040427 CR 06 from NP-040380, Siemens. **APPROVED.**

9.3 Security Enhancements[SEC1]

No Input to this agenda item.

9.4 Emergency Call Enhancements [EMC1]

No Input to this agenda item.

9.5 Speech Recognition and Speech Enabled Services[SRSES]

No Input to this agenda item.

9.6 Generic User Profile [GUP]

No Input to this agenda item.

9.7 OSA Enhancements [OSA3]

NP-040351 Draft update of Rel-6 WID for OSA Stage 3 to include responsibility for OSA Stage 2 transferred from SA2 etc. (Update of CN#23-approved NP-040144) CN5. **APPROVED**

NP-040353 3 Rel-6 CR 23.127, CN5.

Discussion: Convert to LS and send to SA2.

Status **WITHDRAWN.**

NP-040428 LS OUT on the transfer of OSA stage 2, containing draft CR to SA2's TS 23.127.
Discussion: Clarifications were suggested to the text of the LS
Status **REVISED to 0439.**

↓ **REVISED** ↓

NP-040439 LS OUT on the transfer of OSA stage 2, containing draft CR to SA2's TS 23.127.
APPROVED.

NP-040354 5 Rel-6 CR 29.198-xy Java Realisation Annex: Correct annex to align with current Java production process. CN5. **APPROVED.**

NP-040356 7 Rel-6 CR 29.198-xy Add Description of Backwards Compatibility rules & Remove deprecated items CN5. **APPROVED.**

NP-040357 3 Rel-6 CR 29.198-05 CN5. **APPROVED.**

NP-040358 19 Rel-6 CR 29.198-xy Corrections to support High-Availability (HA) CN5. **APPROVED.**

NP-040359 Rel-6 Draft TS 29.198-15 v100 (MultiMedia Messaging SCF) – for CN Approval CN5.
APPROVED.

NP-040360 14 Rel-6 Draft TS 29.199-01 to 14 v110 (Parlay X Web Services) – for CN Approval CN5.
APPROVED.

NP-040361 14 Rel-6 Draft TS 29.199-01 to 14 v110 (Parlay X Web Services) – for CN Approval CN5.
WITHDRAWN.

9.8 Multimedia Broadcast and Multicast Service [MBMS]

NP-040337 CRs to Rel-6 on Work Item "MBMS" ,CN3. **APPROVED.**

NP-040368 TR 29.846v2.0.0; Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description- for approval, CN1. **APPROVED.**

NP-040369 MBMS WID Update, CN1. **APPROVED.**

NP-040377 CRs on Rel-6 WI MBMS for TS 24.008 and TS 24.007, CN1. **APPROVED.**

NP-040387 CR on Rel-6 WI MBMS for TS 44.065, CN1. **APPROVED.**

NP-040402 CRs to Rel-6 on Work Item Multimedia Broadcast and Multicast Service, CN4. **APPROVED.**

9.9 IMS Messaging

NP-040328 TS 24.247v1.2.0; Messaging service using the IP Multimedia (IM) Core Network (CN) subsystem Stage 3 – for information, CN1. **NOTED.**

9.10 Interop & Commonality between IMSs using different IP-connectivity networks

No Input to this agenda item.

9.11 Interworking IMS<->IP

NP-040345 TS 29.162 v1.1.1. interworking between the IM CN subsystem and IP networks (for info.). CN3. **NOTED.**

9.12 Interworking IMS<->CS

NP-040334 CRs to Rel-6 (with mirror CRs) on Work Item "IMS" (Pack 1). CN3. **APPROVED.**

9.13 Enhanced Dialed Services [EDCAMEL]

9.14 Bearer Independent Arch in PS

No input to this agenda item

9.15 MRFC to MRFP I/f (Mp) [IMS-CCR-Mp]

No Input to this agenda item.

9.16 MGCF to IM MGW I/f (Mn) [IMS-CCR-Mn]

NP-040346 CRs to Rel-6 on Work Item " IMS-CCR-Mn " CN3. **APPROVED.**

NP-040403 Media Gateway Control Function (MGCF) – IM Media Gateway 3GPP TS 29.332 v2.0.0 for approval, CN4. **APPROVED.**

9.17 WLAN [WLAN]

NP-040344 TS 29.161 v2.0.1 Interworking between the (PLMN) supporting packet based services with WLAN Access and (PDN) (for info. and approval), CN3.

Discussion: MCC will remove and renumber the VOID references before it is made into v6.0.0. CN plenary reminded WGs that it is important to provide draft specifications for approval that are as clean as possible.

Status: **APPROVED.**

NP-040365 TS 24.234v2.0.0; 3GPP system to Wireless Local Area Network (WLAN) interworking; User Equipment (UE) to network protocols; Stage 3- for approval, CN1.

Discussion: Although the document says there are no outstanding issues with scenario two – there are two; Alternative NAI also covers scenario2, also there is a proposal to re-organise part of the document.

Status: **APPROVED.**

NP-040404 3GPP TS 29.234 v2.0.0 for approval, CN4. **APPROVED.**

NP-040413 CRs to Rel-6 on WLAN, CN4. **APPROVED.**

9.18 Location Service Enhancements [LCS2]

No input to this agenda item.

NOTE this work is dependant on the location work in OMA.

9.19 Network Sharing [NTShar]

NP-040370 WID for Network Sharing Stage 3, CN1.

Discussion: Completion for 24.008 is moved to December 2004.

Status **REVISED to NP-040429.**

↓ REVISED ↓

NP-040429 WID for Network Sharing Stage 3, CN1. **APPROVED.**

NP-040375 CRs on Rel-6 WI NtShar for TS 23.122, TS 29.018, TS 24.008 and TS 24.007, CN1. **APPROVED.**

9.20 QoS improvements [QoS1]

NP-040338 CRs to Rel-6 on Work Item Gq (impact on existing specifications), CN3. **APPROVED.**

NP-040342 TS 29.209 v2.0.0 Policy control over Gq interface, CN3. **REVISED to NP-040421 before presentation.**

↓ **REVISED** ↓

NP-040421 TS 29.209 v2.0.0 Policy control over Gq interface (for approval), CN3. **APPROVED.**

9.21 Small Technical Enhancements and Improvements [TEI6]

NP-040310 Follow-on proceed for the PS domain Ericsson, Siemens AG, Lucent Technologies.

Discussion: Motorola mentioned that one change seems to add a new requirement (service request) to the specification. Ericsson clarified that it is not a new requirement only text for clarification. Motorola insisted that there is a possibility that the requirement may be duplicated elsewhere and may be better to refer to the requirement as opposed to duplicating it
It was decided to revise the document and remove the offending text.

Status: **REVISED to NP-040432.**

↓ **REVISED** ↓

NP-040432 Follow-on proceed for the PS domain Ericsson, Siemens AG, Lucent Technologies.

Discussion: Siemens asked that the service request conditions issue be reconsidered by CN1 and be permissible in Rel-6. It was noted that no exception is required since Rel 6 will not be deep frozen in Dec 04.

Status: **APPROVED.**

NP-040329 Postponed CRs for TS 43.068 and 43.069 due to dependencies to other WGs, Siemens AG.

Discussion: Proposes that CN#25 approve the CRs in N1-041547 and N1-041548 under the condition that the related CR in S3-040638 will be approved by SA#25.

CN1 did not previously agree to these CRs as they had been conditionally approved based on the approval of GERAN specifications. This condition was not met as GERAN did not find the CRs necessary. However the message in the LS from GERAN clarifies the situation, that the dependency is toward SA3 and not to GERAN,

Status: **CONDITIONALLY APPROVED [condition that SA approves the related CRs to 43.020].**

NP-040335 CRs to Rel-6 on Work Item "TEI_6" (Pack 1), CN3. **APPROVED.**

NP-040336 CRs to Rel-6 on Work Item "TEI_6" (Pack 2), CN3. **APPROVED.**

NP-040378 CRs on Rel-6 WI TEI6 for 24.008 and 23.122, CN1. **APPROVED.**

NP-040386 CR on Rel-6 WI TEI6 for TS 29.994, CN1. **APPROVED.**

NP-040405 CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on Camel Rel6 UUI in Initial DP message, CN4.

Discussion: One CR contains a change that cannot be clearly identified due to insufficient surrounding text. However MCC are aware of where the changes need to be implemented.
Ericsson have concerns with the introduction of a new feature at such a late stage.
The supporting company stated that it is a minor change and can be included.
CR can be approved on the condition that the corresponding CRs are approved in SA
CN chair will highlight that one company had concerns with the late arrival of this feature in CN when the SA1 CRs are presented in SA.

Status: **CONDITIONALLY APPROVED [Condition that SA approves the related CRs to 22.078].**

NP-040406 CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on Camel, CN4.

Discussion: Alcatel has concerns with CR 748r2 in that CAMEL version 4 and CAMEL version 3 are not backwards compatible. There needs to be a Release-5 mirror to this CR, if not there will be a backwards compatibility problem.
Ericsson clarified that CR 748r2 is technically correct, but an additional CR is required to correct the backwards compatibility issue. Ericsson can present that CR to the next CN4 meeting.
Alcatel sustained their objection to introducing a backwards compatibility problem with this CR. CN4 needs to reconsider this issue and see if it required for Rel-6 and or Rel-5.
All CRs in this pack except CR 748r2 are approved.
CR 748r2 is sent back to CN4 for further study.

Status: **PART APPROVED.**

NP-040407 CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on pre-paging, CN4. **APPROVED.**

NP-040408 CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on GTP enhancements, CN4. **APPROVED.**

NP-040409 CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on cause code mapping, CN4. **APPROVED.**

NP-040414 CRs to Rel-6 on Work Item small Technical Enhancements and Improvements, CN4. **APPROVED.**

CN Chair commented that too many CRs are being assigned to the TEI work item. He asked that working groups try to limit the use of the TEI work item as far as possible.

9.22 Any other Rel-6 WI

NP-040339 Draft WID on Rx Reference point specification for flow based charging, CN3.

Discussion: Rx work has not yet started in CN3. However the Rx will be based on the Gq specifications and CN3 believe that this work can be completed in 2 working groups meetings.
RIM highlighted that flow based charging is an important feature in Rel-6. CN3 chair clarified that a partial solution is presently available via the Gx interface, and the Rx will complete the interfaces for flow based charging.
Suggestion to add the Gx and Gq work items to the linked WI section.

Status: **REVISED to NP-040431.**

↓ **REVISED** ↓

NP-040431 Draft WID on Rx Reference point specification for flow based charging, CN3. **APPROVED.**

NP-040343 TS 29.210 v1.0.1 Charging rule provisioning over Gx interface (for info), CN3. **NOTED.**

NP-040366 TS 24.109v2.0.0; Bootstrapping interface (Ub) and Network application function interface (Ua); Protocol details- for approval, CN1.

Discussion: Motorola identified several errors in the specification that need to be corrected. Including table and header problems, VOIDs, imprecise links to the OMA web site from references – and others editorial issues. It was agreed that in this instance, the VOIDs should be removed.
They must be corrected before the TS is clean enough to be approved. The MCC agreed to provide a cleaned up version for the meeting.

Status: **REVISED to NP-040423 before presentation.**

↓ **REVISED** ↓

NP-040423 TS 24.109v2.1.2; Bootstrapping interface (Ub) and Network application function interface (Ua); Protocol details- for approval, CN1. **APPROVED.**

NP-040367 TS 24.147v2.0.0; Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3- for approval, CN1. **APPROVED.**

NP-040376 CR on Rel-6 WI DARP for TS 24.008, CN1. **APPROVED.**

- NP-040379 CR on Rel-6 WI GTP Enhancements for TS 24.008, CN1. **APPROVED**
- NP-040410 Generic Authentication Architecture 3GPP TS 29.109 v2.0.0 for approval, CN4. **APPROVED**
- NP-040411 Updated WID on Trace Management, stage 3, network, CN4.
Discussion: Ericsson had concerns with the added text and proposed an alternative wording. Certain networks elements doing the tracing need the IMSI and IMEI-SV to be provided via the core network. This would be done via the interfaces such as the Iu, Mc, MAP. Agreement to remove the modified clause 4 text. Also it was noted that this WID may need to be split into several WIDs. This will be studied in the next CN4 meeting.
- Status:** **REVISED to NP-040433.**
- ↓ **REVISED** ↓
- NP-040433 Updated WID on Trace Management, stage 3, network, CN4. **APPROVED.**
- NP-040415 CRs to Rel-6 on Work Item GAA subscriber certificates, CN4. **APPROVED.**

10 Release 7

9.1 Any Rel-7 Work Item

- NP-040340 Draft WID: DIAMETER on the PDG Wi interface, CN3. **APPROVED.**
- NP-040341 Draft WID: DIAMETER on the GGSN Gi interface, CN3.
Discussion: Concerns were raised with allocating work under the TEI-7 Building block. Decided to make this WID a small stand alone feature. No requirements to provide a more secure protocol outside of CN. It has come from companies contribution within CN.
- Status:** **REVISED to NP-040434.**
- ↓ **REVISED** ↓
- NP-040434 Draft WID: DIAMETER on the GGSN Gi interface, CN3. **APPROVED.**
- NP-040371 Enhancements of VGCS in public networks for communication of public authority officials, CN1.
Discussion: Alcatel wish to add their support for this work item. RIM raised a concern that there may be multiple ways to meet the same service requirements.
- Status:** **REVISED to NP-040435.**
- ↓ **REVISED** ↓
- NP-040435 Enhancements of VGCS in public networks for communication of public authority officials, CN1. **APPROVED.**
- NP-040372 Protocol impact from providing IMS services via fixed broadband, CN1.
Discussion: Changes to IMS in order to allow services with NGN. A lengthy discussion is expected in SA on work flow between NGN and 3GPP. BT insisted that clarity is required on how TISPAN requirements will be introduced into 3GPP. It is expected that such requirements will come via the usual channels from SA1 and SA2. Concerns that were raised with the WID:
- Isn't clear enough as to what work CN will be requested to do (could be a blank check).
 - Does not sufficiently clarify the work process to preclude requirements coming from outside of SA1 and SA2.
 - Concerns that the timescales are not correct and too optimistic.
 - Is overly oriented towards TISPAN
- CN plenary requests CN1 work on further refining this WID especially with relation to better defining the scope. The other CN WGs are also invited to examine this WID and feed comments back to CN1.
- O2 suggested that the Work item needs to be restricted to minor modifications in order to reflect what can actually be achieved by March / June 2005. TISPAN may wish to change their work plan is a result of this information in 3GPP.

Agreed to shift the dates for the TR to one plenary later [information at CN#27 and approved at CN#28].

CNs target is to meet the TISPAN Rel-1 timescales.

CN agreed to remove the TISPAN specific references in this WID in order to encompass other SDO initiatives for NGN. However it was mentioned that for the moment TISPAN are the only entity that have indicated they wish to dance the NGN dance with 3GPP.

IMS is a platform that is being used for NGN, and therefore there is an obligation to ensure the platform meets the requirements of those who wish to use it.

CN have the working assumption that work is based on service requirements from SA1, architectural requirements from SA2, and security requirements from SA3— unless otherwise indicated by TSG_SA. CN reserves the right to modify the protocols that do not affect the architecture, service or security requirements as they see fit.

Status: **REVISED to NP-040438.**

↓ **REVISED** ↓

NP-040438 Protocol impact from providing IMS services via fixed broadband, CN1. APPROVED.

NP-040327 Clarification of scope of NGN-related work in 3GPP, NTT DoCoMo.

Discussion: The document is intended for presentation in TSG_SA. It is presented to TSG_CN only for information. The contribution aims to clarify various aspects regarding the proposed NGN-related activities within 3GPP with a view to agreeing upon an appropriate way forward at TSG_SA#25. Contains 4 issues that effect the CN WID.

- What are the limits of the scope of this WID? Is it too open?
- The work flow is not well defined.
- Timescales may be too realistic
- Too linked to TISPAN and excludes any other initiatives.

Status: **NOTED.**

11 TSG CN work organization

11.1 Principles for work organization within CN

No Input to this agenda item.

11.2 Terms of Reference

NP-040350 Revised Draft update of CN5 Terms of Reference to include responsibility for OSA Stage 2 transferred from SA2, CN5.

Discussion: Needs to be revised to show that CN5 take responsibility of the Stage 2 specs.

Status: **REVISED to 0425.**

↓ **REVISED** ↓

NP-040425 Revised Draft update of CN5 Terms of Reference to include responsibility for OSA Stage 2 transferred from SA2, CN5.

Status: **APPROVED.**

11.3 Support Arrangements

No Input to this agenda item.

11.4 Working methods / Work Style

NP-040318 CR to 21.900 MCC, JMM.

Discussion: Clarifies the working procedure for bringing specifications to Plenary for information and or approval.

Also contains a change that proposes a new way of handling WI codes on CR cover sheets. There was some resistance to this second change. Motorola feared that could open the door to introduce changes in frozen releases

CN proposed that in the case that there is no WI code for the release that is being changed then the change may be made under TEI work item but, the corresponding WI code from an earlier release may be included to provide extra clarity. So TEI6 (HSDPA) would be an example

Status: **NOTED.**

NP-040321 **Revised WID form MCC, JMM.**

Discussion: This has been going on for some time, and the result is getting very complicated. Not certain that people in the WGs will understand the contents of this new WID..

Status: **NOTED.**

11.5 Future Meeting Schedule

NP-040326 **2004/2005 Meeting schedule, source MCC. REVISED to 0424 before presentation.**

↓ REVISED ↓

NP-040326 **2004/2005 Meeting schedule, source MCC.**

Discussion: NTT, Vodafone Fujitsu, and NEC will host the Feb 2005 meeting for CN1, CNn3 and CN4 in Sydney Australia.

NA Friends will host the April 25th – 29th CN meetings in Cancun (TBC).

15th – 19th August is the initially proposed date. As the September Plenary has been pushed back it was decided to move the CN WG meetings to 29th August - 2nd September.

31st October – 4th November in EU also agreed.

Status: **REVISED to 0443.**

↓ REVISED ↓

NP-040443 **2004/2005 Meeting schedule, source MCC. NOTED.**

12 Specifications in TSG-CN domain

NP-040314 Summary of Release 4 Content MCC, Sultan. **WITHDRAWN**.

NP-040317 CRs to lists of specs MCC, JMM. **WITHDRAWN**.

NP-040319 **Specs per Release; a comparison MCC, JMM.**

Discussion: Working groups are invited to consider the specifications that will be updated to Rel-6 in December, and inform CN plenary (and MCC) of any exceptions.

Status: **NOTED**.

NP-040320 Status list before MCC, JMM. **NOTED**.

13 Review of 3GPP Work Plan

NP-040306 Latest version of 3GPP Workplan MCC, Sultan. **REVISED to 0437 before presentation.**

↓ **REVISED** ↓

NP-040437 Latest version of 3GPP Workplan MCC, Sultan. **NOTED**.

NP-040307 Latest version of 3GPP Workplan (SLIDES) MCC, Sultan. **REVISED to 0436 before presentation.**

↓ **REVISED** ↓

NP-040436 Latest version of 3GPP Workplan (SLIDES) MCC, Sultan.

Discussion: Comments were received and revisions were made online.

Slide 26: A specific WID is required for local services before work can begin. This is out of Rel-6.

Slide 26: TS 29.162 presented for information not approval.

Slide 27: IPV4 based IMS has not been seen in CN, only in SA for the moment. Is stage 3 work required?

Slide 3: Note added / dependencies on IETF/OMA are not covered in the slides.

Slide 52: The issue is whether to allow trace without the CN1 component,

Slide 79: WID should include CN4 aspects also

CN endorsed the conclusions of this document.

Status: **REVISED to 0441.**

↓ **REVISED** ↓

NP-040441 Latest version of 3GPP Workplan (SLIDES) MCC, Sultan. **NOTED**.

NP-040430 CN WI Status and Exception Request, CN Chair.

Discussion: December is the proposed CN cut-off date for inclusion in Rel-6.

Status: **REVISED to 0440.**

↓ **REVISED** ↓

NP-040440 LS to SA on CN WI Status and Exception Request, CN Chair. **APPROVED**.

14 Any other business

NP-040315 **Testing of all Release 99 Features MCC, Sultan.**

Discussion: Summarises the status of all R99 features.

CN agreed with a statement made in RAN that 3GPP do not need see the immediate need to test any CN network elements.

If any such testing is required, a WID would need to be raised to do this work.

Status: **NOTED**.

NP-040322 **Dependence on proprietary technology MCC, JMM.**

Discussion: It has been noted that in the case of the OSA specs for which CN5 is responsible, the delay in providing this output has become excessively long. The CN5 specifications revised at CN#24 were

only available a few days before the start of CN#25. This obviously has an adverse affect on the production of CRs to be addressed by CN#25.

This contribution asks CN to consider a solution.

Status: **NOTED.**

NP-040442 Response to Dependence on proprietary technology CN5. NOTED.

Discussion: Explains the reasons behind the problems highlighted in NP-040322, and proposes a solution. CN5 leadership accept that there is no control over the supply of attachments, and allow the Word files to be provided early (so that CRs on the purely textual part can start immediately), with the attachments being provided at a later date (with a concomitant increment in the last digit of the version number of the spec).

CN agreed to alternative 1 of NP-040322 which is to provide separate word files earlier with the attachments being provided at a later date.

It was requested that MCC give a higher priority the important specifications to ensure they are available as quickly as possible. Metrics may eventually need to be revised to ensure there is no penalty when specifications which cannot be completed due to external dependencies beyond MCC control.

Status: **NOTED.**

15 Close of Meeting

The Chairman thanked the host, delegates and MCC for their participation, and closed the meeting at 11:00 on 10th of September.

ANNEX A:OUTPUT MATERIAL

A.1 Liaisons Approved

Tdoc	Tdoc Title	LS to	LS cc	LS Attachment
NP-040422	LS with suggested Response to SSG on Review of Q.TRMMR	SA	-	-
NP-040439	LS update of OSA stage 2, containing draft CR to SA2's TS 23.127	SA2	SA, CN5	-
NP-040440	LS on CN WI Status and Exception Request	SA	-	-

A.2 New TSs /TRs Approved (to be placed under change control)

Tdoc	Type	Spec	Tdoc Title	Source
NP-040359	TS	29.198-15	TS 29.198-15: (MultiMedia Messaging SCF)	CN5
NP-040360	TS	29.199-01 to 14	TS 29.199-01 to 14 v200/100 (Parlay X Web Services)	CN5
NP-040365	TS	24.234	TS 24.234; 3GPP system to Wireless Local Area Network (WLAN) interworking; User Equipment (UE) to network protocols; Stage 3	CN1
NP-040367	TS	24.147	TS 24.147; Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	CN1
NP-040368	TR	29.846	TR 29.846; Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description	CN1
NP-040403	TS	29.332	TS 29.332 Media Gateway Control Function (MGCF) – IM Media Gateway 3GPP.	CN4
NP-040404	TS	29.234	TS 29.234	CN4
NP-040410	TS	29.109	TS 29.109 Generic Authentication Architecture	CN4
NP-040421	TS	29.209	TS 29.209 Policy control over Gq interface	CN3
NP-040423	TS	24.109	TS 24.109; Bootstrapping interface (Ub) and Network application function interface (Ua); Protocol details	CN1
NP-040344	TS	29.161	TS 29.161 nterworking between the (PLMN) supporting packet based services with WLAN Access and (PDN)	CN3

A.3 New / Revised Work Items Approved

Tdoc	Tdoc Title	Source	Rel
NP-040369	MBMS WID Update	CN1	Rel-6
NP-040429	Network Sharing Stage 3	CN1	Rel-6
NP-040431	Draft WID on Rx Reference point specification for flow based charging	CN3	Rel-6
NP-040433	Updated WID on Trace Management, stage 3, network	CN4	Rel-6
NP-040434	Draft WID: DIAMETER on the GGSN Gi interface	CN3	Rel-7
NP-040435	Enhancements of VGCS in public networks for communication of public authority officials	CN1	Rel-7
NP-040438	Protocol impact from providing IMS services via fixed broadband	CN1	Rel-7
NP-040340	Draft WID: DIAMETER on the PDG Wi interface	CN3	Rel-7
NP-040351	N5-040618 Draft update of Rel-6 WID for OSA Stage 3 to include responsibility for OSA Stage 2 transferred from SA2 etc. (Update of CN#23-approved NP-040144)	CN5	Rel-6

A.4 Status of CRs following TSG CN Plenary meeting

Doc-1st-Level	Doc-2nd-Level	Spec	CR	Rev	Subject	Cat	V_Curr	Phase	Workitem	WG	Status-1st-Level

For latest details please see the 3GPP specifications database at ftp://ftp.3gpp.org/Information/Databases/Spec_Status/

ANNEX B Tdoc List

Tdoc	Agenda	Type	Tdoc Title	WI	Rel	Source	Spec	Status
NP-040300	2	AGENDA	DRAFT Agenda for CN#25 Meeting			CN Chair		AGREED
NP-040301	2	DAD	Proposed allocation of documents to agenda items for TSG-CN Plenary Meeting: beginning of day 1			CN V. Chair		NOTED
NP-040302	2	DAD	Proposed allocation of documents to agenda items for TSG-CN Plenary Meeting: end of day 1			CN V. Chair		NOTED
NP-040303	2	DAD	Proposed allocation of documents to agenda items for TSG-CN Plenary Meeting: end of day 2			CN V. Chair		NOTED
NP-040304	2	DAD	Proposed allocation of documents to agenda items for TSG-CN Plenary Meeting: end of day 3			CN V. Chair		NOTED
NP-040305	4.1	REPORT	Draft Meeting Report from CN#24			CN V. Chair		APPROVED
NP-040306	12	WORK PLAN	Latest version of 3GPP Workplan			MCC, Sultan		REVISED TO 0437
NP-040307	12	WORK PLAN	Latest version of 3GPP Workplan (SLIDES)			MCC, Sultan		REVISED TO 0436
NP-040308	5	LS IN	LS on "EHPLMN (Equivalent HPLMN)" [CN copy only]			T1		NOTED
NP-040309	6.4.1	REPORT	CAMEL open issue status list	CAMEL		CN4 Vice Chairman		NOTED
NP-040310	9.21	CR	Follow-on proceed for the PS domain			Ericsson, Siemens AG, Lucent Technologies		REVISED TO 0432
NP-040311	5	LS IN	Reply LS to the TISPAN LS "List of potential Change Requests on TS 24.229 for IMS use in NGN" [N1-041642] [CN copy only]			CN1		NOTED
NP-040312	5	LS IN	LS on transferring the OSA stage 2 (23.127) responsibility from SA2 to CN5 [N5-040525]			CN5		NOTED
NP-040313	5	LS IN	LS on Adding ANSI protocols to 3GPP lu lower layer specifications [R3-041240] [to CN for ACTION]			RAN3		FORWARDED to CN1 and CN4
NP-040314	12	REPORT	Summary of Release 4 Content			MCC, Sultan		WITHDRAWN
NP-040315	14	DISCUSSION DOC	Testing of all Release 99 Features			MCC, Sultan		NOTED
NP-040316	4.3	REPORT	IETF Status Report			CN Chair		NOTED
NP-040317	12	CR	CRs to lists of specs			MCC, JMM		WITHDRAWN
NP-040318	11.4	CR	CR to 21.900			MCC, JMM		NOTED
NP-040319	12	REPORT	Specs per Release; a comparison			MCC, JMM		NOTED
NP-040320	12	LIST	status list before			MCC, JMM		NOTED
NP-040321	11.4	WID	revised WID form			MCC, JMM		
NP-040322	14	DISCUSSION DOC	Dependence on proprietary technology			MCC, JMM		

Tdoc	Agenda	Type	Tdoc Title	WI	Rel	Source	Spec	Status
NP-040323	4.4	REPORT	Hilites of 3GPP TISPAN NGN Workshop			MCC		NOTED
NP-040324	2	DAD	Proposed allocation of documents to agenda items for TSG-CN Plenary Meeting: before meeting			CN V. Chair		NOTED
NP-040325	5	LS IN	Technical Report on mobility management			ITU-T		NOTED
NP-040326	11.5	CALENDAR	2004/2005 Meeting schedule			MCC		REVISED TO 0424
NP-040327	10.1	DISCUSSION DOC	Clarification of scope of NGN-related work in 3GPP			NTT DoCoMo		NOTED
NP-040328	9.9	TS	TS 24.247v1.2.0; Messaging service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 – for information	IMSM	Rel-6	CN1		NOTED
NP-040329	9.21	DISC	On postponed CRs for TS 43.068 and 43.069 due to dependencies to other WGs			Siemens AG		CONDITIONALLY APPROVED
NP-040330	6.3.1	REPORT	Status Report for TSG CN WG3	-	-	CN3 Chair		NOTED
NP-040331	6.3.1	REPORT	CN3#33 Meeting Report	-	-	CN3		NOTED
NP-040332	6.3.1	LS PACK	All LSs sent from CN3 since TSG CN#24 Meeting	-	-	CN3		NOTED
NP-040333	8.5	CR PACK	CRs to Rel-5 (with mirror CRs) on Work Item "End to End QoS"	E2EQoS	Rel-5	CN3		APPROVED
NP-040334	9.12	CR PACK	CRs to Rel-6 (with mirror CRs) on Work Item "IMS" (Pack 1)	IMS-CCR-IWCS	Rel-6	CN3		APPROVED
NP-040335	9.21	CR PACK	CRs to Rel-6 on Work Item "TEI_6" (Pack 1)	TEI_6	Rel-6	CN3		APPROVED
NP-040336	9.21	CR PACK	CRs to Rel-6 on Work Item "TEI_6" (Pack 2)	TEI_6	Rel-6	CN3		APPROVED
NP-040337	9.8	CR PACK	CRs to Rel-6 on Work Item "MBMS"	MBMS	Rel-6	CN3		APPROVED
NP-040338	9.20	CR PACK	CRs to Rel-6 on Work Item Gq (impact on existing specifications)	QoS1	Rel-6	CN3		APPROVED
NP-040339	9.22	WID	Draft WID on Rx Reference point specification for flow based charging	Rx	Rel-6	CN3		REVISED TO 0431
NP-040340	10.1	WID	Draft WID: DIAMETER on the PDG Wi interface	Wi	Rel-7	CN3		APPROVED
NP-040341	10.1	WID	Draft WID: DIAMETER on the GGSN Gi interface	Gi	Rel-7	CN3		REVISED TO 0434
NP-040342	9.20	TS	TS 29.209 v2.0.1 Policy control over Gq interface (for approval)	QoS1	Rel-6	CN3		REVISED TO 0421
NP-040343	9.22	TS	TS 29.210 v1.0.1 Charging rule provisioning over Gx interface (for info.)	Gx	Rel-6	CN3		NOTED
NP-040344	9.17	TS	TS 29.161 v2.0.1 Interworking between the (PLMN) supporting packet based services with WLAN Access and (PDN) (for info. and approval)	WLAN	Rel-6	CN3	29.161	APPROVED
NP-040345	9.11	TS	TS 29.162 v1.1.1. interworking between the IM CN subsystem and IP networks (for info.)	IMS-CCR-IWIP	Rel-6	CN3		NOTED
NP-040346	9.16	CR PACK	CRs to Rel-6 on Work Item " IMS-CCR-Mn "	IMS-CCR-Mn	Rel-6	CN3		APPROVED
NP-040347	6.5.1	REPORT	Status Report for TSG CN WG5	n/a	n/a	CN5 Chair		REVISED TO 0417
NP-040348	6.5.1	REPORT	CN5#28 Meeting Report	n/a	n/a	CN5 Chair		NOTED

Tdoc	Agenda	Type	Tdoc Title	WI	Rel	Source	Spec	Status
NP-040349	6.5.1	LS OUT	All LSs sent from CN5 since TSG CN#24 Meeting	n/a	n/a	CN5		NOTED
NP-040350	6.5.1	ToR	N5-040523 Revised Draft update of CN5 Terms of Reference to include responsibility for OSA Stage 2 transferred from SA2	n/a	n/a	CN5		REVISED TO 0425
NP-040351	6.5.1	WID	N5-040618 Draft update of Rel-6 WID for OSA Stage 3 to include responsibility for OSA Stage 2 transferred from SA2 etc. (Update of CN#23-approved NP-040144)	n/a	Rel-6	CN5		APPROVED
NP-040352	7.10	CR PACK	3 Rel-4 CR 29.198-04, Rel-5/6 CR 29.198-04-2 Correct IpCall State Diagram	OSA1	Rel-4	CN5		APPROVED
NP-040353	9.7	CR PACK	3 Rel-6 CR 23.127 OSA Stage 2	OSA3	Rel-6	CN5		WITHDRAWN
NP-040354	9.7	CR PACK	5 Rel-6 CR 29.198-xy Java Realisation Annex: Correct annex to align with current Java production process.	OSA3	Rel-6	CN5		APPROVED
NP-040355	8.2	CR PACK	25 Rel-5/6 CR 29.198-xy Remove a field that appears in every Rel-5/6 part that has J2EE source	OSA2	Rel-5	CN5		APPROVED
NP-040356	9.7	CR PACK	7 Rel-6 CR 29.198-xy Add Description of Backwards Compatibility rules & Remove deprecated items	OSA3	Rel-6	CN5		APPROVED
NP-040357	9.7	CR PACK	3 Rel-6 CR 29.198-05	OSA3	Rel-6	CN5		APPROVED
NP-040358	9.7	CR PACK	18 Rel-6 CR 29.198-xy Corrections to support High-Availability (HA)	OSA3	Rel-6	CN5		APPROVED
NP-040359	9.7	TS	Rel-6 Draft TS 29.198-15 v100 (MultiMedia Messaging SCF) – for CN Approval	OSA3	Rel-6	CN5	29.198-15	APPROVED
NP-040360	9.7	TS	14 Rel-6 Draft TS 29.199-01 to 14 v200/100 (Parlay X Web Services) – for CN Approval	OSA3	Rel-6	CN5	29.199-01 to 14	APPROVED
NP-040361	9.7	TS	14 Rel-6 Draft TS 29.199-01 to 14 v110 (Parlay X Web Services) – for CN Approval	OSA3	Rel-6	CN5		WITHDRAWN
NP-040362	6.1.1	REPORT	CN1 Status Report to CN Plenary	-	-	CN1 Chair		NOTED
NP-040363	6.1.1	REPORT	CN1#34bis and CN1#35 meeeting reports	-	-	MCC		NOTED
NP-040364	6.1.1	LS PACK	LSs sent from CN1 since CN#24	-	-	CN1		NOTED
NP-040365	9.17	TS	TS 24.234v2.0.0; 3GPP system to Wireless Local Area Network (WLAN) interworking; User Equipment (UE) to network protocols; Stage 3- for approval		Rel-6	CN1	24.234	APPROVED
NP-040366	9.22	TS	TS 24.109v2.0.1; Bootstrapping interface (Ub) and Network application function interface (Ua); Protocol details- for approval		Rel-6	CN1		REVISED TO 0423
NP-040367	9.22	TS	TS 24.147v2.0.0; Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3- for approval		Rel-6	CN1	24.147	APPROVED
NP-040368	9.8	TR	TR 29.846v2.0.1; Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description- for approval		Rel-6	CN1	29.846	APPROVED
NP-040369	9.8	WID	MBMS WID Update	MBMS	Rel-6	CN1		APPROVED
NP-040370	9.19	WID	Network Sharing Stage 3	NtShar	Rel-6	CN1		REVISED TO 0429
NP-040371	10.1	WID	Enhancements of VGCS in public networks for communication of public authority officials		Rel-7	CN1		REVISED TO 0435

Tdoc	Agenda	Type	Tdoc Title	WI	Rel	Source	Spec	Status
NP-040372	10.1	WID	Protocol impact from providing IMS services via fixed broadband	IMS2	Rel-7	CN1		REVISED TO 0438
NP-040373	7.12	CR PACK	CR on R99 WI ASCI (with mirror CRs) for TS 03.68, TS 43.068, TS 03.69 and TS 43.069	ASCI	R99	CN1		APPROVED
NP-040374	7.11	CR PACK	CR on Rel-4 WI TEI4 (with mirror CRs) for TS 44.065	TEI4	Rel-4	CN1		APPROVED
NP-040375	9.19	CR PACK	CRs on Rel-6 WI NtShar for TS 23.122, TS 29.018, TS 24.008 and TS 24.007	NtShar	Rel-6	CN1		APPROVED
NP-040376	9.22	CR PACK	CR on Rel-6 WI DARP for TS 24.008	DARP	Rel-6	CN1		APPROVED
NP-040377	9.8	CR PACK	CRs on Rel-6 WI MBMS for TS 24.008 and TS 24.007	MBMS	Rel-6	CN1		APPROVED
NP-040378	9.21	CR PACK	CRs on Rel-6 WI TEI6 for 24.008 and 23.122	TEI6	Rel-6	CN1		APPROVED
NP-040379	9.22	CR PACK	CR on Rel-6 WI GTP Enhancements for TS 24.008	GTP Enhancements	Rel-6	CN1		APPROVED
NP-040380	9.2	CR PACK	CRs on Rel-6 WI PRESNC for TS 24.141 and TS 24.229	PRESNC	Rel-6	CN1		PART APPROVED
NP-040381	9.1	CR PACK	CRs on Rel-6 WI IMS2 for TS 24.229	IMS2	Rel-6	CN1		APPROVED
NP-040382	9.1	CR PACK	CR on Rel-6 WI IMS2 for TS 24.229 (Pack 1)	IMS2	Rel-6	CN1		APPROVED
NP-040383	9.1	CR PACK	CR on Rel-6 WI Additional SIP capabilities for TS 24.229 (Pack 2)	Additional SIP capabilities	Rel-6	CN1		APPROVED
NP-040384	9.1	CR PACK	CRs on Rel-6 WI IMS2 for TS 23.218	IMS2	Rel-6	CN1		APPROVED
NP-040385	8.1	CR PACK	CRs on Rel-5 WI IMS-CCR for TS 24.228 and 24.229	IMS-CCR	Rel-5	CN1		APPROVED
NP-040386	9.21	CR PACK	CR on Rel-6 WI TEI6 for TS 29.994	TEI6	Rel-6	CN1		APPROVED
NP-040387	9.8	CR PACK	CR on Rel-6 WI MBMS for TS 44.065	MBMS	Rel-6	CN1		APPROVED
NP-040388	6.4.1	REPORT	Status Report for TSG CN WG4			CN4 Chair		NOTED
NP-040389	6.4.1	REPORT	CN4#23 bis Meeting Report			MCC		NOTED
NP-040390	6.4.1	REPORT	CN4#24 Meeting Report			MCC		NOTED
NP-040391	6.4.1	LS PACK	All LSs sent from CN4 since TSG CN#24 Meeting			MCC		NOTED
NP-040392	7.11	CR PACK	CRs to Rel-4 on Work Item small Technical Enhancements and Improvements on Mc-Interface	TEI4	Rel-4	CN4		APPROVED
NP-040393	8.1	CR PACK	CRs to Rel-5 on Work Item IP-based multimedia services Cx-/Dx-interface	IMS-CCR	Rel-5	CN4		WITHDRAWN
NP-040394	8.1	CR PACK	CRs to Rel-5 on Work Item IP-based multimedia services Sh-interface	IMS-CCR	Rel-5	CN4		APPROVED
NP-040395	8.1	CR PACK	CRs to Rel-5 and Rel-6 on Work Item IP-based multimedia services (Application version control)	IMS-CCR	Rel-5	CN4		APPROVED
NP-040396	8.1	CR PACK	CRs to Rel-5 and Rel-6 on Work Item IP-based multimedia services (User profile split)	IMS-CCR	Rel-5	CN4		APPROVED
NP-040397	8.3	CR PACK	CRs to Rel-5 on Work Camel 4 and IMS Camel	Camel4/IMS-Camel	Rel-5	CN4		APPROVED

Tdoc	Agenda	Type	Tdoc Title	WI	Rel	Source	Spec	Status
NP-040398	8.8	CR PACK	CRs to Rel-5 on Work Item small Technical Enhancements and Improvements on GTP	TEI5	Rel-5	CN4		APPROVED
NP-040399	8.9	CR PACK	CRs to Rel-5 on Work Item small Technical Enhancements and Improvements on Mc-Interface	TEI5	Rel-5	CN4		WITHDRAWN
NP-040400	8.9	CR PACK	CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on cause code mapping	TEI5	Rel-5	CN4		APPROVED
NP-040401	9.1	CR PACK	CRs to Rel-6 on Work Item IP-based multimedia services	IMS2	Rel-6	CN4		APPROVED
NP-040402	9.8	CR PACK	CRs to Rel-6 on Work Item Multimedia Broadcast and Multicast Service	MBMS	Rel-6	CN4		APPROVED
NP-040403	9.16	TS	Media Gateway Control Function (MGCF) – IM Media Gateway 3GPP TS 29.332 v2.0.0 for approval	IMS2-Mn	Rel-6	CN4	29.332	APPROVED
NP-040404	9.17	TS	3GPP TS 29.234 v2.0.0 for approval	WLAN	Rel-6	CN4	29.234	APPROVED
NP-040405	9.21	CR PACK	CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on Camel Rel6 UUI in Initial DP message	TEI6	Rel-6	CN4		CONDITIONALLY APPROVED
NP-040406	9.21	CR PACK	CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on Camel	TEI6	Rel-6	CN4		PART APPROVED
NP-040407	9.21	CR PACK	CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on pre-paging	TEI6	Rel-6	CN4		APPROVED
NP-040408	9.21	CR PACK	CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on GTP enhancements	TEI6	Rel-6	CN4		APPROVED
NP-040409	9.21	CR PACK	CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on cause code mapping	TEI6	Rel-6	CN4		APPROVED
NP-040410	9.22	TS	Generic Authentication Architecture 3GPP TS 29.109 v2.0.0 for approval		Rel-6	CN4	29.109	APPROVED
NP-040411	9.22	WID	Updated WID on Trace Management, stage 3, network		Rel-6	CN4		REVISED TO 0433
NP-040412	8.1	CR PACK	CRs to Rel-5 on Work Item IP-based multimedia services AVP renumbering	IMS-CCR	Rel-5	CN4		APPROVED
NP-040413	9.17	CR PACK	CRs to Rel-6 on WLAN	WLAN	Rel-6	CN4		APPROVED
NP-040414	9.21	CR PACK	CRs to Rel-6 on Work Item small Technical Enhancements and Improvements	TEI6	Rel-6	CN4		APPROVED
NP-040415	9.22	CR PACK	CRs to Rel-6 on Work Item GAA subscriber certificates	SEC1-SC	Rel-6	CN4		APPROVED
NP-040416	8.1	CR PACK	CRs to Rel-5 on Work Item IP-based multimedia services Cx-/Dx-interface	IMS-CCR	Rel-5	CN4		APPROVED
NP-040417	6.5.1	REPORT	Status Report for TSG CN WG5	n/a	n/a	CN5 Chair		NOTED
NP-040418	8.9	CR PACK	CRs to Rel-5 on Work Item small Technical Enhancements and Improvements on Mc-Interface	TEI5	Rel-5	CN4		PART APPROVED
NP-040419	5	LS IN	LS to TSG CN on the documents to be considered for the Revision 5 of Recommendation ITU-R M.1457 [RP-040322]	-	-	RAN		NOTED
NP-040420	5	LS IN	LS on OMA and Web Services specifications (3GPP TS 29.199-series) [N5-040619]	-	-	CN5		NOTED
NP-040421	9.20	TS	TS 29.209 v2.0.1 Policy control over Gq interface (for approval)	QoS1	Rel-6	CN3	29.209	APPROVED
NP-040422	5	LS OUT	LS with suggested Response to SSG on Review of Q.TRMMR			CN		APPROVED

Tdoc	Agenda	Type	Tdoc Title	WI	Rel	Source	Spec	Status
NP-040423	9.22	TS	TS 24.109v2.0.1; Bootstrapping interface (Ub) and Network application function interface (Ua); Protocol details- for approval		Rel-6	CN1	24.109	APPROVED
NP-040424	11.5	CALENDAR	2004/2005 Meeting schedule			MCC		REVISED TO 0443
NP-040425	6.5.1	ToR	N5-040523 Revised Draft update of CN5 Terms of Reference to include responsibility for OSA Stage 2 transferred from SA2	n/a	n/a	CN5		APPROVED
NP-040426	9.2	CR	CR03 from NP-040380			Lucent		APPROVED
NP-040427	9.2	CR	CR06 from NP-040380			Siemens		APPROVED
NP-040428	9.7	LS OUT	LS to SA2 containing CRs to OSA stage 2.			CN		REVISED TO 0439
NP-040429	9.19	WID	Network Sharing Stage 3	NtShar	Rel-6	CN1		APPROVED
NP-040430	12	DISCUSSION DOC	CN Work item status and exceptions request			CN chair		REVISED TO 0440
NP-040431	9.22	WID	Draft WID on Rx Reference point specification for flow based charging	Rx	Rel-6	CN3		APPROVED
NP-040432	9.21	CR	Follow-on proceed for the PS domain			Ericsson, Siemens AG, Lucent Technologies		APPROVED
NP-040433	9.22	WID	Updated WID on Trace Management, stage 3, network		Rel-6	CN4		APPROVED
NP-040434	10.1	WID	Draft WID: DIAMETER on the GGSN Gi interface	Gi	Rel-7	CN3		APPROVED
NP-040435	10.1	WID	Enhancements of VGCS in public networks for communication of public authority officials		Rel-7	CN1		APPROVED
NP-040436	12	WORK PLAN	Latest version of 3GPP Workplan (SLIDES)			MCC, Sultan		REVISED TO 0441
NP-040437	12	WORK PLAN	Latest version of 3GPP Workplan			MCC, Sultan		NOTED
NP-040438	10.1	WID	Protocol impact from providing IMS services via fixed broadband	IMS2	Rel-7	CN1		APPROVED
NP-040439	9.7	LS OUT	LSupdate of OSA stage 2, containing draft CR to SA2's TS 23.127			CN		APPROVED
NP-040440	12	LS OUT	CN Work item status and exceptions request			CN chair		APPROVED
NP-040441	12	WORK PLAN	Latest version of 3GPP Workplan (SLIDES)			MCC, Sultan		NOTED
NP-040442	14	DISCUSSION DOC	Response to NP-040322			CN5 Chair		NOTED
NP-040443	11.5	CALENDAR	2004/2005 Meeting schedule			MCC		NOTED
NP-040444								
NP-040445								

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History

Document History	
Up to 10 th Sept.	DRAFT v001, 002, distributed in meeting. v003 send to TSG CN Officials for comments
14 th Sept. 2004	DRAFT v0.0.5 Presented to TSG-SA for information
15 th Sept. 2004	<p>DRAFT v1.0.0 placed to meeting server and 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.org</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 1st November 2004</p>
<i>Xx Sept. 2004</i>	<i>Version incorporating comments placed to FTP server</i>
<i>Dec. 2004</i>	<i>Final v2.0.0 approved at TSG#26 Meeting – Made version 3.0.0 and placed to server as the official meeting report.</i>

Info for SA#25 meeting – CN input documents

SP-040663	CN Status report to SA
SP-040664	Draft CN325 meeting report
SP-040665	IETF Status Report
SP-040667	LS with suggested Response to SSG on Review of Q.TRMMR
SP-040668	LS update of OSA stage 2, containing draft CR to SA2's TS 23.127
SP-040669	LS on CN Work item status and exceptions request