



**Third Generation Partnership Project**

**DRAFT MEETING REPORT**

**3GPP TSG-CN#25**

**Palm Springs, USA.  
8<sup>th</sup> – 10<sup>th</sup> 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.

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## 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).

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## 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.**

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## 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/>).

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## 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.**

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## 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 TIPSAN 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 lu 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 lu interfaces include the ANSI protocol stacks (in addition to the IETF specifications). Although the lu 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 (Shanghai, 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, 8<sup>th</sup> 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.**

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## 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.**

**β REVISED β**

**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.**

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## 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.**

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## 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.**

**β REVISED β**

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**

**β REVISED β**

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.**

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## 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.**

**β REVISED β**

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.**

β **REVISED** β

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.**

**β REVISED β**

NP-040421 TS 29.209 v2.0.1 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.**

**β REVISED β**

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.**

**β REVISED β**

**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.**

**β REVISED β**

**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 Lu, Mc, MAP. Agreement to remove the modified clause 4 text. Also it was noted that this WID may need to be split into two, IMS and non-IMS WIDs~~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.**
- β REVISED β**
- 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.**
- β REVISED β**
- 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.**
- β REVISED β**
- 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.**

**β REVISED β**

**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.**

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## 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.**

**β REVISED β**

**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.**

**β REVISED β**

**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 25<sup>th</sup> – 29<sup>th</sup> CN meetings in Cancun (TBC).

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

31<sup>st</sup> October – 4<sup>th</sup> November in EU also agreed.

**Status:** **REVISED to 0443.**

**β REVISED β**

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

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## 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.**

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## 13 Review of 3GPP Work Plan

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

**β REVISED β**

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.**

**β REVISED β**

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.**

**β REVISED β**

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.**

**β REVISED β**

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

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## 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.

CN5 leadership accept that there is no control over the supply of the J2EE Java informative attachment (but is actively pursuing ways to make the J2EE Java production process more predictable), and allow the Word files to be provided early (so that CRs on the purely textual part can start immediately), together with the available attachments: with the J2EE Java attachment being provided at a later date (with a concomitant increment in the last digit of the version number of the spec).

**Status:** **NOTED.**

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## 15 Close of Meeting

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

## ANNEX A:OUTPUT MATERIAL

### A.1 Liaisons Approved

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



### 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

Spec	CR	Rev	Phase	Cat	Plenary doc	WG doc	TSG status	Subject	CR written to	Resulting vers	WG	Workitem
03.68	A039	1	R99	F	NP-040373	N1-041524	approved	Correction on notification for first talker of VGCS call	8.3.0	8.4.0	N1	ASCI
03.69	A028	1	R99	F	NP-040373	N1-041528	approved	Correction on notification procedures for Originator of VBS call	8.3.0	8.4.0	N1	ASCI
23.122	076	2	Rel-6	B	NP-040375	N1-041611	approved	Clarification on the registered PLMN for UEs that support network sharing in a shared network	6.1.0	6.2.0	N1	NTShar
23.122	077	1	Rel-6	A	NP-040378	N1-041531	approved	Correction of definitions of PLMNs in the same country HPLMN"	6.1.0	6.2.0	N1	TEI6
23.218	069	-	Rel-6	F	NP-040384	N1-041440	approved	IFC process termination at R-URI change	6.1.0	6.2.0	N1	IMS2
23.218	070	1	Rel-6	F	NP-040384	N1-041562	approved	Third party registration optimization	6.1.0	6.2.0	N1	IMS2
24.007	064	1	Rel-6	B	NP-040377	N1-041625	approved	Update of the Session Management services - MBMS	6.1.0	6.2.0	N1	MBMS
24.007	067	4	Rel-6	B	NP-040375	N1-041645	approved	Sequence number handling during redirection in MOCN sharing scenario	6.1.0	6.2.0	N1	NTShar
24.008	852	3	Rel-6	F	NP-040378	N1-041602	approved	Network Search for recovering from Faulty Networks	6.5.0	6.6.0	N1	TEI6
24.008	882	4	Rel-6	B	NP-040432	-	approved	Follow-on proceed for the PS domain	6.5.0	6.6.0	N1	TEI6
24.008	883	1	Rel-6	F	NP-040378	N1-041601	approved	Mapping of QoS Traffic Class to RRC Establishment Cause	6.5.0	6.6.0	N1	TEI6
24.008	886	2	Rel-6	F	NP-040379	N1-041627	approved	Correction to list of received N-PDU number in Rau Accept message	6.5.0	6.6.0	N1	GTP Enhancements
24.008	889	1	Rel-6	B	NP-040377	N1-041578	approved	Introduction of the MBMS general procedure and states	6.5.0	6.6.0	N1	MBMS
24.008	890	1	Rel-6	B	NP-040377	N1-041579	approved	Introduction of the MBMS Context Activation procedure	6.5.0	6.6.0	N1	MBMS
24.008	891	1	Rel-6	B	NP-040377	N1-041622	approved	Introduction of the MBMS Context Activation messages	6.5.0	6.6.0	N1	MBMS
24.008	894	-	Rel-6	B	NP-040377	N1-041403	approved	Introduction of the MBMS Multicast Service Deactivation procedure - Reuse of PDP context deactivation messages	6.5.0	6.6.0	N1	MBMS
24.008	895	1	Rel-6	B	NP-040377	N1-041580	approved	Introduction of the MBMS Multicast Service Deactivation messages - Reuse of PDP context deactivation messages	6.5.0	6.6.0	N1	MBMS
24.008	896	-	Rel-6	B	NP-040377	N1-041405	approved	Update of the Service Request procedure - MBMS	6.5.0	6.6.0	N1	MBMS

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24.008	897	1	Rel-6	B	NP-040377	N1-041623	approved	Update of Annex I for MBMS	6.5.0	6.6.0	N1	MBMS
24.008	898	1	Rel-6	B	NP-040377	N1-041624	approved	Introduction of MBMS context handling	6.5.0	6.6.0	N1	MBMS
24.008	901	3	Rel-6	B	NP-040375	N1-041640	approved	Clarification on the registered PLMN for UEs that support network sharing in a shared network	6.5.0	6.6.0	N1	NTShar
24.008	904	-	Rel-6	B	NP-040378	N1-041511	approved	Introduction of Extended RLC/MAC Control Message segmentation capability	6.5.0	6.6.0	N1	TEI-6
24.008	905	-	Rel-6	B	NP-040376	N1-041512	approved	Introduction of Downlink Advanced Receiver Performance (DARP) capability	6.5.0	6.6.0	N1	DARP
24.141	003	3	Rel-6	D	NP-040426	-	approved	Editorial issues	6.0.0	6.1.0	N1	PRESNC
24.141	004	1	Rel-6	F	NP-040380	N1-041329	approved	Watcher cleanup and alignment with PUA	6.0.0	6.1.0	N1	PRESNC
24.141	005	3	Rel-6	D	NP-040380	N1-041330	approved	PUA clause restructuring	6.0.0	6.1.0	N1	PRESNC
24.141	006	2	Rel-6	F	NP-040427	-	approved	GAA impacts	6.0.0	6.1.0	N1	PRESNC
24.141	007	1	Rel-6	C	NP-040380	N1-041567	approved	XCAP roles	6.0.0	6.1.0	N1	PRESNC
24.141	008	1	Rel-6	F	NP-040380	N1-041568	approved	XCAP Change	6.0.0	6.1.0	N1	PRESNC
24.141	009	-	Rel-6	C	NP-040380	N1-041411	approved	Presence authorisation	6.0.0	6.1.0	N1	PRESNC
24.141	011	-	Rel-6	F	NP-040380	N1-041413	approved	Flows update	6.0.0	6.1.0	N1	PRESNC
24.141	014	1	Rel-6	D	NP-040380	N1-041569	approved	Enhanced partial publication description	6.0.0	6.1.0	N1	PRESNC
24.141	015	1	Rel-6	C	NP-040380	N1-041571	approved	Publication Rate Limiting	6.0.0	6.1.0	N1	PRESNC
24.141	017	1	Rel-6	F	NP-040380	N1-041572	approved	Correction to processing PUBLISH with the "multipart/related" content type	6.0.0	6.1.0	N1	PRESNC
24.141	018	-	Rel-6	F	NP-040380	N1-041499	approved	XML document corrections of message flows	6.0.0	6.1.0	N1	PRESNC
24.228	133	-	Rel-5	F	NP-040385	N1-041432	approved	P-Charging-Vector header error correction	5.9.0	5.10.0	N1	IMS-CCR
24.229	650	2	Rel-6	B	NP-040381	N1-041391	approved	Support of draft-ietf-sip-replaces	6.3.0	6.4.0	N1	IMS2
24.229	654	4	Rel-6	F	NP-040381	N1-041315	approved	Callee capabilities and Registration	6.3.0	6.4.0	N1	IMS2
24.229	656	1	Rel-6	B	NP-040381	N1-041263	approved	Support of draft-ietf-sip-referredby	6.3.0	6.4.0	N1	IMS2
24.229	657	1	Rel-6	B	NP-040381	N1-041393	approved	Support of draft-ietf-sip-join	6.3.0	6.4.0	N1	IMS2
24.229	658	-	Rel-6	F	NP-040380	N1-041344	approved	24.229: Correction of User identity verification at the AS	6.3.0	6.4.0	N1	PRESNC
24.229	659	-	Rel-6	F	NP-040381	N1-041350	approved	Multiple public ID registration	6.3.0	6.4.0	N1	IMS2
24.229	660	-	Rel-6	F	NP-040381	N1-041351	approved	Standalone transactions	6.3.0	6.4.0	N1	IMS2
24.229	661	1	Rel-6	F	NP-040381	N1-041589	approved	Call Release	6.3.0	6.4.0	N1	IMS2
24.229	662	1	Rel-6	F	NP-040381	N1-041590	approved	Session timer	6.3.0	6.4.0	N1	IMS2
24.229	663	-	Rel-6	F	NP-040381	N1-041354	approved	Unprotected REGISTER	6.3.0	6.4.0	N1	IMS2

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24.229	665	-	Rel-6	F	NP-040381	N1-041372	approved	Contact in SUBSCRIBE request	6.3.0	6.4.0	N1	IMS2
24.229	666	1	Rel-6	A	NP-040381	N1-041586	approved	NOTIFY requests	6.3.0	6.4.0	N1	IMS2
24.229	668	2	Rel-6	F	NP-040381	N1-041614	approved	Network deregistration	6.3.0	6.4.0	N1	IMS2
24.229	672	1	Rel-5	F	NP-040385	N1-041537	approved	Syntax correction for the P-Charging-Vector header	5.9.0	5.10.0	N1	IMS-CCR
24.229	673	-	Rel-6	A	NP-040385	N1-041434	approved	Syntax correction for the P-Charging-Vector header	6.3.0	6.4.0	N1	IMS-CCR
24.229	678	-	Rel-6	D	NP-040381	N1-041462	approved	Support of TLS	6.3.0	6.4.0	N1	IMS2
24.229	679	1	Rel-5	F	NP-040385	N1-041541	approved	Missing value for the event attribute within the element of NOTIFY body	5.9.0	5.10.0	N1	IMS-CCR
24.229	681	2	Rel-5	F	NP-040385	N1-041628	approved	Network initiated deregistration upon UE roaming and registration to a new network	5.9.0	5.10.0	N1	IMS-CCR
24.229	682	1	Rel-6	F	NP-040381	N1-041592	approved	SDP parameters received by the S-CSCF and the P-CSCF in the 200 OK message	6.3.0	6.4.0	N1	IMS-CCR
24.229	688	2	Rel-6	C	NP-040381	N1-041641	approved	Filtering of the P-Access-Network-Info header by the S-CSCF and privacy rules	6.3.0	6.4.0	N1	IMS2
24.229	689	2	Rel-6	B	NP-040383	N1-041632	approved	Non precondition session set-up -Terminating session	6.3.0	6.4.0	N1	IMS2 Additional SIP capabilities
24.229	692	1	Rel-6	B	NP-040382	N1-041630	approved	Ipv6 IP v4 interworking	6.3.0	6.4.0	N1	IMS2
24.229	694	1	Rel-5	F	NP-040385	N1-041552	approved	Correction to condition for removal of the P- Access-Network-Info Header	5.9.0	5.10.0	N1	IMS-CCR
24.229	697	-	Rel-6	A	NP-040385	N1-041540	approved	Missing value for the event attribute within the element of NOTIFY body	6.3.0	6.4.0	N1	IMS-CCR
24.229	698	-	Rel-6	F	NP-040385	N1-041549	approved	HSS initiated deregistration	6.3.0	6.4.0	N1	IMS-CCR
24.229	699	1	Rel-6	F	NP-040385	N1-041629	approved	Network initiated deregistration upon UE roaming and registration to a new network	6.3.0	6.4.0	N1	IMS-CCR
24.229	701	-	Rel-5	F	NP-040381	N1-041639	approved	NOTIFY requests	5.9.0	5.10.0	N1	IMS2
29.018	042	2	Rel-6	B	NP-040375	N1-041615	approved	Transfer of selected core network operator id across Gs interface	6.0.0	6.1.0	N1	NTShar
29.994	A018	2	Rel-6	F	NP-040386	N1-041626	approved	Incorrect handling, by MS, of registration acceptance messages that include R99 and later IEs	5.0.1	6.0.0	N1	TEI6
43.068	017	1	Rel-4	A	NP-040373	N1-041525	approved	Correction on notification for first talker of VGCS call Correction on notification for first talker of VGCS call Correction on notification for first talker of VGCS call	4.3.0	4.4.0	N1	ASCI
43.068	018	1	Rel-5	A	NP-040373	N1-041526	approved	Correction on notification for first talker of VGCS call Correction on notification for first talker of VGCS call Correction on notification for first talker of VGCS call	5.3.0	5.4.0	N1	ASCI

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43.068	019	1	Rel-6	A	NP-040373	N1-041527	approved	Correction on notification for first talker of VGCS call Correction on notification for first talker of VGCS call Correction on notification for first talker of VGCS call	6.1.0	6.2.0	N1	ASCI
43.068	020	1	Rel-6	B	NP-040329	N1-041547	approved	Introduction of USIM based ciphering for VGCS	6.1.0	6.2.0	N1	TEI6
43.069	012	1	Rel-4	A	NP-040373	N1-041529	approved	Correction on notification procedures for Originator of VBS call	4.3.0	4.4.0	N1	ASCI
43.069	013	1	Rel-5	A	NP-040373	N1-041530	approved	Correction on notification procedures for Originator of VBS call	5.3.0	5.4.0	N1	ASCI
43.069	014	1	Rel-6	B	NP-040329	N1-040548	approved	Introduction of USIM based ciphering for VBS	5.3.0	6.0.0	N1	TEI6
44.065	014	-	Rel-6	B	NP-040387	N1-041408	approved	Update of SNDTCP - MBMS	6.2.0	6.3.0	N1	MBMS
44.065	015	2	Rel-4	F	NP-040374	N1-041634	approved	Negotiation of compression entities with unknown algorithm type	4.2.0	4.3.0	N1	TEI4
44.065	016	2	Rel-5	A	NP-040374	N1-041635	approved	Negotiation of compression entities with unknown algorithm type	5.1.0	5.2.0	N1	TEI4
44.065	017	2	Rel-6	A	NP-040374	N1-041636	approved	Negotiation of compression entities with unknown algorithm type	6.2.0	6.3.0	N1	TEI4
24.008	882	3	Rel-6	B	NP-040310	-	revised	Follow-on proceed for the PS domain	6.5.0		N1	TEI6
24.141	003	2	Rel-6	D	NP-040380	N1-041388	revised	Editorial issues	6.0.0		N1	PRESNC
24.141	006	1	Rel-6	F	NP-040380	N1-041566	revised	GAA impacts	6.0.0		N1	PRESNC
23.172	027	-	Rel-6	F	NP-040336	N3-040515	approved	Interaction of CAMEL with Service Change	6.0.0	6.1.0	N3	TEI6
29.061	119	2	Rel-6	B	NP-040337	N3-040592	approved	Scope update to include Gmb	6.1.0	6.2.0	N3	MBMS
29.061	120	2	Rel-6	B	NP-040337	N3-040593	approved	Gmb general corrections	6.1.0	6.2.0	N3	MBMS
29.061	121	2	Rel-6	B	NP-040337	N3-040594	approved	New Gmb specific AVPs, and new specific result-codes values.	6.1.0	6.2.0	N3	MBMS
29.061	122	-	Rel-6	B	NP-040335	N3-040469	approved	New sub-attributes 3GPP VSA passed on the Gi interface for charging purposes	6.1.0	6.2.0	N3	TEI6
29.163	048	2	Rel-6	F	NP-040346	N3-040603	approved	Non call-related Mn procedures	6.3.0	6.4.0	N3	IMS-CCR-Mn
29.163	050	3	Rel-6	F	NP-040334	N3-040591	approved	Corrections to AMR codec parameter translations	6.3.0	6.4.0	N3	IMS-CCR-IWCS
29.207	131	2	Rel-5	F	NP-040333	N3-040587	approved	COPS DEC message handling	5.8.0	5.9.0	N3	E2EQoS
29.207	132	2	Rel-6	A	NP-040333	N3-040588	approved	COPS DEC message handling	6.0.0	6.1.0	N3	E2EQoS
29.207	133	2	Rel-5	F	NP-040333	N3-040589	approved	COPS-PR "Request State" flag not set for authorization failure decision	5.8.0	5.9.0	N3	E2EQoS
29.207	134	2	Rel-6	A	NP-040333	N3-040590	approved	COPS-PR "Request State" flag not set for authorization failure decision	6.0.0	6.1.0	N3	E2EQoS

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29.207	137	-	Rel-6	B	NP-040338	N3-040615	approved	29.207-Rel6: accumulated CR for Gq impacts	6.0.0	6.1.0	N3	QoS1
29.208	073	-	Rel-6	B	NP-040338	N3-040616	approved	29.208-Rel6: accumulated CR for Gq impacts	6.0.0	6.1.0	N3	QoS1
23.003	089	1	Rel-6	B	NP-040414	N4-040962	approved	Background of and procedures for the ".3gppnetwork.org" domain name	6.3.0	6.4.0	N4	TEI6
23.003	090	2	Rel-6	B	NP-040413	N4-040827	approved	Decorated NAI	6.3.0	6.4.0	N4	WLAN
23.003	091	1	Rel-6	B	NP-040413	N4-041145	approved	Introduction of re-authentication identity	6.3.0	6.4.0	N4	WLAN
23.007	012	-	Rel-6	F	NP-040402	N4-040994	approved	Error Indication during an ongoing MBMS data transfer	6.0.0	6.1.0	N4	MBMS
23.007	013	-	Rel-6	F	NP-040402	N4-040996	approved	Restoration of GSNs in MBMS	6.0.0	6.1.0	N4	MBMS
23.008	133	3	Rel-6	B	NP-040415	N4-041205	approved	GAA Domain Data structure	6.2.0	6.3.0	N4	SEC1-SC
23.012	016	1	Rel-6	F	NP-040414	N4-041129	approved	Clarification of the Automatic Device Detection feature	6.1.0	6.2.0	N4	TEI6
23.018	141	1	Rel-6	B	NP-040407	N4-040926	approved	Pre-Paging Resource Optimization	6.2.0	6.3.0	N4	TEI6
23.018	143	1	Rel-6	F	NP-040406	N4-041181	approved	Add "CAMEL_Stop_TNRy" in Procedure OG_Call_Setup_MSC (sheet 4)	6.2.0	6.3.0	N4	TEI6
23.078	729	2	Rel-6	B	NP-040405	N4-041183	approved	Support of User-to-User Information (UUI) in CAMEL InitialDP operation	6.2.0	6.3.0	N4	TEI6
23.078	730	1	Rel-6	D	NP-040406	N4-041178	approved	Editorial correction	6.2.0	6.3.0	N4	TEI6
23.078	731	-	Rel-6	F	NP-040406	N4-040932	approved	Correcting status in the procedure CAME_MT_CTR(sheet 4)	6.2.0	6.3.0	N4	TEI6
23.078	732	-	Rel-6	F	NP-040406	N4-040933	approved	Redundantly modifying call parameter in CAMEL_MT_GMSC_Notify_CF	6.2.0	6.3.0	N4	TEI6
23.078	733	-	Rel-6	F	NP-040406	N4-040934	approved	Correcting SDL of Process CS_gsmSSF(sheet 7)	6.2.0	6.3.0	N4	TEI6
23.078	735	2	Rel-6	F	NP-040406	N4-041186	approved	Appended a note in Process CAMEL_ICA_MSC	6.2.0	6.3.0	N4	TEI6
23.078	737	-	Rel-6	F	NP-040406	N4-041024	approved	Correction to CAP SCI for calls with multiple CAP dialogues	6.2.0	6.3.0	N4	TEI6
23.078	738	-	Rel-6	F	NP-040406	N4-041026	approved	Correction to ICA_MSC1 and CAMEL_ICA_MSC2	6.2.0	6.3.0	N4	TEI6
23.078	739	-	Rel-6	F	NP-040406	N4-041027	approved	Removal of Int_O_Exception from CAMEL_OCH_MSC2 and CAMEL_MT_GMSC_DISC5	6.2.0	6.3.0	N4	TEI6
23.078	740	-	Rel-6	F	NP-040406	N4-041028	approved	Correction to CAMEL_Modify_CUG_Info	6.2.0	6.3.0	N4	TEI6
23.078	741	-	Rel-6	F	NP-040406	N4-041030	approved	Correction to CAMEL_EXPORT_LEG_MSC procedure	6.2.0	6.3.0	N4	TEI6
23.078	743	-	Rel-6	F	NP-040406	N4-041032	approved	Correction to CS_gsmSSF for EDS	6.2.0	6.3.0	N4	TEI6

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23.078	744	-	Rel-6	F	NP-040406	N4-041033	approved	Correction to CS_gsmSSF for Tcp expiry	6.2.0	6.3.0	N4	TEI6
23.078	745	-	Rel-6	F	NP-040406	N4-041034	approved	Correction to Handle_ACR procedure for Tccd timer	6.2.0	6.3.0	N4	TEI6
23.078	747	-	Rel-6	F	NP-040406	N4-041036	approved	Correction to any Time Interrogation	6.2.0	6.3.0	N4	TEI6
23.081	008	-	Rel-6	F	NP-040406	N4-041020	approved	Editorial correction of table definition	5.2.0	6.0.0	N4	TEI6
23.278	047	-	Rel-5	F	NP-040397	N4-040939	approved	Correction of Check_Criteria Procedure names referenced in Process imcnSSF	5.5.0	5.6.0	N4	CAMEL4
29.002	732	2	Rel-6	B	NP-040407	N4-041128	approved	Pre-Paging Resource Optimization	6.6.0	6.7.0	N4	TEI6
29.002	739	-	Rel-6	B	NP-040405	N4-040929	approved	Export of UU-Data data type	6.6.0	6.7.0	N4	TEI6
29.002	743	-	Rel-6	F	NP-040414	N4-041021	approved	Wrong SDL flow page implemented	6.6.0	6.7.0	N4	TEI6
29.010	108	2	Rel-6	F	NP-040409	N4-041127	approved	Addition of cause code mapping to the routing area update procedure	6.3.0	6.4.0	N4	TEI6
29.010	109	-	Rel-5	F	NP-040400	N4-041196	approved	Addition of cause code mapping for inter-system handover	5.6.0	5.7.0	N4	TEI5
29.010	110	-	Rel-6	A	NP-040400	N4-041197	approved	Addition of cause code mapping for inter-system handover	6.3.0	6.4.0	N4	TEI5
29.060	501	-	Rel-6	F	NP-040408	N4-040946	approved	Alignment and enhancement of the "RAT Type" IE	6.5.0	6.6.0	N4	CH
29.060	502	-	Rel-6	D	NP-040408	N4-040961	approved	Corrections to charging information les	6.5.0	6.6.0	N4	TEI6
29.060	505	-	Rel-6	F	NP-040402	N4-040993	approved	Error Indication during an ongoing MBMS data transfer	6.5.0	6.6.0	N4	MBMS
29.060	506	-	Rel-6	F	NP-040402	N4-040995	approved	Addition of Recovery IE in MBMS	6.5.0	6.6.0	N4	MBMS
29.060	507	1	Rel-6	F	NP-040408	N4-041132	approved	RIM transparent routing	6.5.0	6.6.0	N4	TEI6
29.060	509	1	Rel-5	F	NP-040398	N4-041135	approved	SGSN Context Request and IMSI	5.10.0	5.11.0	N4	TEI5
29.060	510	2	Rel-6	B	NP-040402	N4-041207	approved	Introduction of a transparent container field for MBMS	6.5.0	6.6.0	N4	MBMS
29.060	511	-	Rel-6	F	NP-040408	N4-041065	approved	Handling of ciphering and integrity keys at inter-SGSN RAU	6.5.0	6.6.0	N4	TEI6
29.060	512	-	Rel-6	A	NP-040398	N4-041136	approved	SGSN Context Request and IMSI	6.5.0	6.6.0	N4	TEI5
29.078	380	-	Rel-6	B	NP-040405	N4-040928	approved	Support of User-to-User Information (UI) in CAMEL InitialDP operation	6.2.0	6.3.0	N4	TEI6
29.078	381	2	Rel-5	F	NP-040397	N4-041184	approved	Clarification on the handling of operation invocation when LinkedID is missing although expected	5.8.0	5.9.0	N4	IMS-CAMEL
29.078	382	2	Rel-6	A	NP-040397	N4-041185	approved	Clarification on the handling of operation invocation when LinkedID is missing although expected	6.2.0	6.3.0	N4	IMS-CAMEL
29.078	383	-	Rel-6	F	NP-040406	N4-041025	approved	Correction to usage of ACM for CAP ETC and CAP CTR	6.2.0	6.3.0	N4	TEI6



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29.078	384	-	Rel-6	F	NP-040406	N4-041029	approved	Correction to Cancel procedure description	6.2.0	6.3.0	N4	TEI6
29.078	385	-	Rel-6	F	NP-040406	N4-041037	approved	Correction to SplitLeg ASN.1 description	6.2.0	6.3.0	N4	TEI6
29.078	386	-	Rel-6	F	NP-040406	N4-041038	approved	Correction to Apply Charging Report procedure	6.2.0	6.3.0	N4	TEI6
29.078	387	-	Rel-6	F	NP-040406	N4-041039	approved	Correction to Assist Request Instructions procedure	6.2.0	6.3.0	N4	TEI6
29.078	388	-	Rel-6	F	NP-040406	N4-041040	approved	Correction to Call Information Request and Report	6.2.0	6.3.0	N4	TEI6
29.078	389	-	Rel-6	F	NP-040406	N4-041041	approved	Correction to Tssf timer setting for SMS control	6.2.0	6.3.0	N4	TEI6
29.228	108	1	Rel-5	F	NP-040416	N4-040845	approved	LIR and services related to unregistered state	5.8.0	5.9.0	N4	IMS-CCR
29.228	109	3	Rel-6	A	NP-040416	N4-040846	approved	LIR and services related to unregistered state	6.3.0	6.4.0	N4	IMS-CCR
29.228	118	1	Rel-6	C	NP-040401	N4-041120	approved	XML versioning	6.3.0	6.4.0	N4	IMS2-CCR
29.228	119	3	Rel-5	F	NP-040416	N4-041208	approved	Use of regular expressions	5.8.0	5.9.0	N4	IMS-CCR
29.228	120	3	Rel-6	A	NP-040416	N4-041209	approved	Use of regular expressions	6.3.0	6.4.0	N4	IMS-CCR
29.228	121	2	Rel-6	B	NP-040401	N4-0411116	approved	Triggering initial REGISTER messages	6.3.0	6.4.0	N4	IMS2-CCR
29.228	122	1	Rel-6	B	NP-040401	N4-041122	approved	Optimization of User Profile Download	6.3.0	6.4.0	N4	IMS2-CCR
29.228	123	2	Rel-5	F	NP-040396	N4-041161	approved	Simplification of the User Profile Split concept	5.8.0	5.9.0	N4	IMS-CCR
29.228	124	2	Rel-6	A	NP-040396	N4-041162	approved	Simplification of the User Profile Split concept	6.3.0	6.4.0	N4	IMS-CCR
29.229	056	-	Rel-6	B	NP-040401	N4-040924	approved	Optimization of User Profile Download	6.1.0	6.2.0	N4	IMS2-CCR
29.229	057	-	Rel-5	F	NP-040396	N4-040965	approved	Simplification of the User Profile Split concept	5.7.0	5.8.0	N4	IMS-CCR
29.229	058	-	Rel-6	A	NP-040396	N4-040966	approved	Simplification of the User Profile Split concept	6.1.0	6.2.0	N4	IMS-CCR
29.229	060	-	Rel-5	F	NP-040394	N4-041071	approved	Correction of the Application-Id code	5.7.0	5.8.0	N4	IMS-CCR
29.229	061	-	Rel-6	A	NP-040394	N4-041072	approved	Correction of the Application-Id code	6.1.0	6.2.0	N4	IMS-CCR
29.229	062	1	Rel-5	F	NP-040412	N4-041214	approved	Renumbering of 3GPP specific AVP codes	5.7.0	5.8.0	N4	TEI5
29.229	063	1	Rel-6	A	NP-040412	N4-041215	approved	Renumbering of 3GPP specific AVP codes	6.1.0	6.2.0	N4	TEI5
29.229	064	1	Rel-5	F	NP-040395	N4-040838	approved	Application version control	5.7.0	5.8.0	N4	IMS-CCR
29.229	065	2	Rel-6	C	NP-040395	N4-040837	approved	Application version control	6.1.0	6.2.0	N4	IMS-CCR
29.230	001	-	Rel-6	F	NP-040401	N4-040989	approved	Correction of Charging application reference	6.0.0	6.1.0	N4	IMS2-CCR
29.230	002	-	Rel-6	F	NP-040401	N4-041070	approved	Correction of the Application-Id code	6.0.0	6.1.0	N4	IMS2-CCR
29.230	003	-	Rel-6	F	NP-040401	N4-041126	approved	Removal of User Data Request Type AVP	6.0.0	6.1.0	N4	IMS2-CCR
29.230	004	1	Rel-6	F	NP-040412	N4-041210	approved	Renumbering of 3GPP specific AVP codes	6.0.0	6.1.0	N4	TEI6
29.232	062	1	Rel-4	F	NP-040392	N4-041157	approved	Correction of Procedure "Activate Voice Processing Function"	4.8.0	4.9.0	N4	TEI4
29.232	063	-	Rel-5	A	NP-040392	N4-040949	approved	Correction of Procedure "Activate Voice Processing Function"	5.7.0	5.8.0	N4	TEI4

Spec	CR	Rev	Phase	Cat	Plenary doc	WG doc	TSG status	Subject	CR written to	Resulting vers	WG	Workitem
29.232	064	-	Rel-5	F	NP-040418	N4-041054	approved	Provisioning Of Base Root package properties	5.7.0	5.8.0	N4	TEI5
29.232	064	-	Rel-5	F	NP-040399	N4-041054	approved	Provisioning Of Base Root package properties	5.7.0	5.8.0	N4	TEI5
29.232	065	-	Rel-5	F	NP-040418	N4-041055	approved	Service Change Address	5.7.0	5.8.0	N4	TEI5
29.232	065	-	Rel-5	F	NP-040399	N4-041055	approved	Service Change Address	5.7.0	5.8.0	N4	TEI5
29.232	066	-	Rel-5	F	NP-040418	N4-041056	approved	Use Of Event Buffers	5.7.0	5.8.0	N4	TEI5
29.232	066	-	Rel-5	F	NP-040399	N4-041056	approved	Use Of Event Buffers	5.7.0	5.8.0	N4	TEI5
29.232	067	-	Rel-5	F	NP-040399	N4-041057	approved	Digit maps	5.7.0	5.8.0	N4	TEI5
29.232	067	-	Rel-5	F	NP-040418	N4-041057	approved	Digit Maps	5.7.0	5.8.0	N4	TEI5
29.232	068	-	Rel-5	F	NP-040399	N4-041058	approved	IP Secured Transport	5.7.0	5.8.0	N4	TEI5
29.232	068	-	Rel-5	F	NP-040418	N4-041058	approved	IP secured transport	5.7.0	5.8.0	N4	TEI5
29.232	072	1	Rel-5	F	NP-040399	N4-041159	approved	Use Of Statistics	5.7.0	5.8.0	N4	TEI5
29.232	072	1	Rel-5	F	NP-040418	N4-041159	approved	Use Of Statistics	5.7.0	5.8.0	N4	TEI5
29.232	074	-	Rel-5	F	NP-040418	N4-041064	approved	Termination Restoration	5.7.0	5.8.0	N4	TEI5
29.232	074	-	Rel-5	F	NP-040399	N4-041064	approved	Termination Restoration	5.7.0	5.8.0	N4	TEI5
29.232	075	2	Rel-5	A	NP-040392	N4-041218	approved	3GUP package corrections	5.7.0	5.8.0	N4	TEI4
29.232	076	1	Rel-4	F	NP-040392	N4-041219	approved	3GUP package corrections	4.8.0	4.9.0	N4	TEI4
29.278	006	1	Rel-5	F	NP-040397	N4-041174	approved	Correction to ERB pre-condition for IM-SSF state	5.2.0	5.3.0	N4	CAMEL
29.328	088	1	Rel-6	C	NP-040401	N4-041121	approved	XML versioning	6.2.0	6.3.0	N4	IMS2-CCR
29.328	094	1	Rel-6	F	NP-040401	N4-041100	approved	Triggering initial REGISTER messages	6.2.0	6.3.0	N4	IMS2-CCR
29.329	040	1	Rel-5	F	NP-040394	N4-040841	approved	Public-Identity is unspecified for the Sh interface	5.6.0	5.7.0	N4	IMS-CCR
29.329	041	1	Rel-6	A	NP-040394	N4-040842	approved	Public-Identity is unspecified for the Sh interface	6.1.0	6.2.0	N4	IMS-CCR
29.329	042	-	Rel-5	F	NP-040394	N4-040781	approved	Incorrect Data-Reference AVP in Subscriber Notification Answer Command	5.6.0	5.7.0	N4	IMS-CCR
29.329	043	-	Rel-6	A	NP-040394	N4-040782	approved	Incorrect Data-Reference AVP in Subscriber Notification Answer Command	6.1.0	6.2.0	N4	IMS-CCR
29.329	044	1	Rel-5	F	NP-040394	N4-040843	approved	Single Public_Identity required in Grouped User-Identity AVP	5.6.0	5.7.0	N4	IMS-CCR
29.329	045	1	Rel-6	A	NP-040394	N4-040844	approved	Single Public_Identity required in Grouped User-Identity AVP	6.1.0	6.2.0	N4	IMS-CCR
29.329	046	1	Rel-6	C	NP-040395	N4-040940	approved	Application version control	6.1.0	6.2.0	N4	IMS-CCR
29.329	047	-	Rel-5	F	NP-040395	N4-040939	approved	Application version control	5.6.0	5.7.0	N4	IMS-CCR
29.329	048	-	Rel-5	F	NP-040394	N4-041073	approved	Correction of the Application-Id code	5.6.0	5.7.0	N4	IMS-CCR
29.329	049	-	Rel-6	A	NP-040394	N4-041074	approved	Correction of the Application-Id code	6.1.0	6.2.0	N4	IMS-CCR

Spec	CR	Rev	Phase	Cat	Plenary doc	WG doc	TSG status	Subject	CR written to	Resulting vers	WG	Workitem
29.329	050	1	Rel-5	F	NP-040412	N4-041212	approved	Renumbering of 3GPP specific AVP codes	5.6.0	5.7.0	N4	TEI5
29.329	051	1	Rel-6	A	NP-040412	N4-041213	approved	Renumbering of 3GPP specific AVP codes	6.1.0	6.2.0	N4	TEI5
23.078	748	2	Rel-6	F	NP-040406	N4-041182	postponed	Clarification on Outstanding Request Counter (ORC) handling at EDP-R or TDP-R resumption	6.2.0		N4	TEI6
29.228	108	1	Rel-5	F	NP-040393	N4-040845	Withdrawn	LIR and services related to unregistered state	5.8.0		N4	IMS-CCR
29.228	109	3	Rel-6	A	NP-040393	N4-040846	Withdrawn	LIR and services related to unregistered state	6.3.0		N4	IMS-CCR
29.228	119	3	Rel-5	F	NP-040393	N4-041208	Withdrawn	Use of regular expressions	5.8.0		N4	IMS-CCR
29.228	120	3	Rel-6	A	NP-040393	N4-041209	Withdrawn	Use of regular expressions	6.3.0		N4	IMS-CCR
29.232	069	-	Rel-5	F	NP-040418	N4-041059	rejected	Use Of Audit Value	5.7.0		N4	TEI5
29.232	069	-	Rel-5	F	NP-040399	N4-041059	postponed	Use Of Audit Value	5.7.0		N4	TEI5
29.198-01	036	-	Rel-5	F	NP-040355	N5-040526	approved	Remove J2EE rule on generation of Serialization UID rule	5.6.0	5.7.0	N5	OSA2
29.198-01	037	-	Rel-6	A	NP-040355	N5-040527	approved	Remove J2EE rule on generation of Serialization UID rule	6.1.0	6.2.0	N5	OSA2
29.198-01	038	-	Rel-6	B	NP-040356	N5-040620	approved	Add Description of Backwards Compatibility rules	6.1.0	6.2.0	N5	OSA3
29.198-02	046	-	Rel-5	F	NP-040355	N5-040528	approved	Correct J2EE source	5.7.0	5.8.0	N5	OSA2
29.198-02	047	-	Rel-6	A	NP-040355	N5-040542	approved	Correct J2EE source	6.1.0	6.2.0	N5	OSA2
29.198-03	123	-	Rel-5	F	NP-040355	N5-040529	approved	Correct J2EE source	5.7.0	5.8.0	N5	OSA2
29.198-03	124	-	Rel-6	A	NP-040355	N5-040543	approved	Correct J2EE source	6.1.0	6.2.0	N5	OSA2
29.198-03	125	-	Rel-6	F	NP-040356	N5-040621	approved	Remove unused Deprecated items	6.1.0	6.2.0	N5	OSA3
29.198-03	126	-	Rel-6	F	NP-040358	N5-040660	approved	Support High Availability at API Level	6.1.0	6.2.0	N5	OSA3
29.198-04	070	-	Rel-4	F	NP-040352	N5-040583	approved	Correct State Transition Diagram for IpCall	4.9.0	4.10.0	N5	OSA1
29.198-04-1	012	-	Rel-6	F	NP-040354	N5-040515	approved	Correction to Java Realisation Annex	6.2.0	6.3.0	N5	OSA3
29.198-04-1	013	-	Rel-5	F	NP-040355	N5-040530	approved	Correct J2EE source	5.6.0	5.7.0	N5	OSA2

Spec	CR	Rev	Phase	Cat	Plenary doc	WG doc	TSG status	Subject	CR written to	Resulting vers	WG	Workitem
29.198-04-1	014	-	Rel-6	F	NP-040358	N5-040646	approved	Support High Availability at API Level	6.2.0	6.3.0	N5	OSA3
29.198-04-2	018	-	Rel-5	A	NP-040352	N5-040584	approved	Correct State Transition Diagram for IpCall	5.7.0	5.8.0	N5	OSA1
29.198-04-2	019	-	Rel-6	A	NP-040352	N5-040585	approved	Correct State Transition Diagram for IpCall	6.1.0	6.2.0	N5	OSA1
29.198-04-2	020	-	Rel-5	F	NP-040355	N5-040531	approved	Correct J2EE source	5.7.0	5.8.0	N5	OSA2
29.198-04-2	021	-	Rel-6	A	NP-040355	N5-040544	approved	Correct J2EE source	6.1.0	6.2.0	N5	OSA2
29.198-04-2	022	-	Rel-6	F	NP-040356	N5-040622	approved	Remove unused Deprecated items	6.1.0	6.2.0	N5	OSA3
29.198-04-2	023	-	Rel-6	C	NP-040358	N5-040611	approved	Additional GCC Feature to support HA	6.1.0	6.2.0	N5	OSA3
29.198-04-2	024	-	Rel-6	F	NP-040358	N5-040647	approved	Support High Availability at API Level	6.1.0	6.2.0	N5	OSA3
29.198-04-3	027	-	Rel-6	F	NP-040354	N5-040516	approved	Correction to Java Realisation Annex	6.2.0	6.3.0	N5	OSA3
29.198-04-3	028	-	Rel-5	F	NP-040355	N5-040532	approved	Correct J2EE source	5.7.0	5.8.0	N5	OSA2
29.198-04-3	029	-	Rel-6	F	NP-040356	N5-040623	approved	Remove unused Deprecated items	6.2.0	6.3.0	N5	OSA3
29.198-04-3	030	-	Rel-6	C	NP-040358	N5-040612	approved	Additional MPCC Feature to support HA	6.2.0	6.3.0	N5	OSA3
29.198-04-3	031	-	Rel-6	F	NP-040358	N5-040648	approved	Support High Availability at API Level	6.2.0	6.3.0	N5	OSA3
29.198-04-4	019	-	Rel-6	F	NP-040354	N5-040517	approved	Correction to Java Realisation Annex	6.2.0	6.3.0	N5	OSA3
29.198-04-4	020	-	Rel-5	F	NP-040355	N5-040533	approved	Correct J2EE source	5.7.0	5.8.0	N5	OSA2
29.198-04-4	021	-	Rel-6	F	NP-040358	N5-040649	approved	Support High Availability at API Level	6.2.0	6.3.0	N5	OSA3
29.198-05	051	-	Rel-5	F	NP-040355	N5-040534	approved	Correct J2EE source	5.7.0	5.8.0	N5	OSA2
29.198-05	052	-	Rel-6	A	NP-040355	N5-040545	approved	Correct J2EE source	6.1.0	6.2.0	N5	OSA2

Spec	CR	Rev	Phase	Cat	Plenary doc	WG doc	TSG status	Subject	CR written to	Resulting vers	WG	Workitem
29.198-05	053	-	Rel-6	F	NP-040356	N5-040624	approved	Remove unused Deprecated items	6.1.0	6.2.0	N5	OSA3
29.198-05	054	-	Rel-6	B	NP-040357	N5-040587	approved	Add getMessageListReq() within the IpUIAdminManager interface	6.1.0	6.2.0	N5	OSA3
29.198-05	055	-	Rel-6	D	NP-040357	N5-040588	approved	Change description of InfoAddress within TpUIInfo	6.1.0	6.2.0	N5	OSA3
29.198-05	056	-	Rel-6	F	NP-040357	N5-040593	approved	Changes to the TpUIRecognitionGrammer parameter	6.1.0	6.2.0	N5	OSA3
29.198-05	057	-	Rel-6	C	NP-040358	N5-040613	approved	Additional GUI Feature to support HA	6.1.0	6.2.0	N5	OSA3
29.198-05	058	-	Rel-6	F	NP-040358	N5-040650	approved	Support High Availability at API Level	6.1.0	6.2.0	N5	OSA3
29.198-06	028	-	Rel-6	F	NP-040354	N5-040518	approved	Correction to Java Realisation Annex	6.2.0	6.3.0	N5	OSA3
29.198-06	029	-	Rel-6	F	NP-040358	N5-040651	approved	Support High Availability at API Level	6.2.0	6.3.0	N5	OSA3
29.198-06	051	-	Rel-5	F	NP-040355	N5-040535	approved	Correct J2EE source	5.5.0	5.6.0	N5	OSA2
29.198-07	029	-	Rel-5	F	NP-040355	N5-040536	approved	Correct J2EE source	5.6.0	5.7.0	N5	OSA2
29.198-07	030	-	Rel-6	A	NP-040355	N5-040546	approved	Correct J2EE source	6.1.0	6.2.0	N5	OSA2
29.198-07	031	-	Rel-6	F	NP-040358	N5-040652	approved	Support High Availability at API Level	6.1.0	6.2.0	N5	OSA3
29.198-08	033	-	Rel-5	F	NP-040355	N5-040537	approved	Correct J2EE source	5.6.0	5.7.0	N5	OSA2
29.198-08	034	-	Rel-6	A	NP-040355	N5-040547	approved	Correct J2EE source	6.1.0	6.2.0	N5	OSA2
29.198-08	035	-	Rel-6	F	NP-040356	N5-040625	approved	Remove unused Deprecated items	6.1.0	6.2.0	N5	OSA3
29.198-08	036	-	Rel-6	C	NP-040358	N5-040614	approved	Additional DSC Feature to support HA	6.1.0	6.2.0	N5	OSA3
29.198-08	037	-	Rel-6	F	NP-040358	N5-040653	approved	Support High Availability at API Level	6.1.0	6.2.0	N5	OSA3
29.198-11	029	-	Rel-5	F	NP-040355	N5-040538	approved	Correct J2EE source	5.5.0	5.6.0	N5	OSA2

Spec	CR	Rev	Phase	Cat	Plenary doc	WG doc	TSG status	Subject	CR written to	Resulting vers	WG	Workitem
29.198-11	030	-	Rel-6	A	NP-040355	N5-040548	approved	Correct J2EE source	6.1.0	6.2.0	N5	OSA2
29.198-11	031	-	Rel-6	F	NP-040356	N5-040626	approved	Remove unused Deprecated items	6.1.0	6.2.0	N5	OSA3
29.198-11	032	-	Rel-6	F	NP-040358	N5-040654	approved	Support High Availability at API Level	6.1.0	6.2.0	N5	OSA3
29.198-12	030	-	Rel-5	F	NP-040355	N5-040539	approved	Correct J2EE source	5.6.0	5.7.0	N5	OSA2
29.198-12	031	-	Rel-6	A	NP-040355	N5-040549	approved	Correct J2EE source	6.1.0	6.2.0	N5	OSA2
29.198-12	032	-	Rel-6	C	NP-040358	N5-040615	approved	Additional Charging Feature to support HA	6.1.0	6.2.0	N5	OSA3
29.198-12	033	-	Rel-6	F	NP-040358	N5-040655	approved	Support High Availability at API Level	6.1.0	6.2.0	N5	OSA3
29.198-13	010	-	Rel-6	F	NP-040354	N5-040519	approved	Introduce Java Realisation Annex	6.1.0	6.2.0	N5	OSA3
29.198-13	011	-	Rel-5	F	NP-040355	N5-040540	approved	Correct J2EE source	5.5.0	5.6.0	N5	OSA2
29.198-13	012	-	Rel-6	F	NP-040358	N5-040656	approved	Support High Availability at API Level	6.1.0	6.2.0	N5	OSA3
29.198-14	022	-	Rel-5	F	NP-040355	N5-040541	approved	Correct J2EE source	5.6.0	5.7.0	N5	OSA2
29.198-14	023	-	Rel-6	A	NP-040355	N5-040550	approved	Correct J2EE source	6.1.0	6.2.0	N5	OSA2
29.198-14	024	-	Rel-6	F	NP-040358	N5-040657	approved	Support High Availability at API Level	6.1.0	6.2.0	N5	OSA3
23.127	048	-	Rel-6	F	NP-040353	N5-040504	noted	Add descriptions of OSA high-level abstraction interfaces	6.1.0		S2	OSA3
23.127	049	-	Rel-6	F	NP-040353	N5-040524	noted	Correct descriptions of OSA high-level abstraction interfaces	6.1.0		S2	OSA3
23.127	050	-	Rel-6	B	NP-040353	N5-040586	noted	Add OSA Multi Media Messaging SCF - stage 2 description	6.1.0		S2	OSA3

**For latest details please see the 3GPP specifications database at [ftp://ftp.3gpp.org/Information/Databases/Spec\\_Status/](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
NP-040349	6.5.1	LS OUT	All LSs sent from CN5 since TSG CN#24 Meeting	n/a	n/a	CN5		NOTED



Tdoc	Agenda	Type	Tdoc Title	WI	Rel	Source	Spec	Status
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 meeting 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
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 ASCII (with mirror CRs) for TS 03.68, TS 43.068, TS 03.69 and TS 43.069	ASCII	R99	CN1		APPROVED

Tdoc	Agenda	Type	Tdoc Title	WI	Rel	Source	Spec	Status
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
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

Tdoc	Agenda	Type	Tdoc Title	WI	Rel	Source	Spec	Status
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
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

Tdoc	Agenda	Type	Tdoc Title	WI	Rel	Source	Spec	Status
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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