

# DRAFT



## Third Generation Partnership Project

**DRAFT** MEETING REPORT v0.0.4

**3GPP TSG-CN#24**

Seoul, Korea  
2nd – 4th June, 2004

Hosted by:

**TTA**

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## CN Chairman's Executive Summary

CRs clarifying the use of RAT in background scan were approved. The CRs can be found in NP-040202. LS's on this subject were received from SA1 and GERAN1. While CN1 has not yet analysed the LS's, the CN1 assumptions on the use of RAT in background scan seem to hold.

There was considerable progress in the SIP related areas of conferencing, messaging, and presence. Work continues with various specifications being either noted or approved.

Work progressed on WLAN interworking, however it has become clear that there is still much uncertainty with respect to scenario 3. In particular there are new interfaces such as Wg and Wp and a new normative annex in the stage 2 that CN4 has not yet analysed. There is a high probability that the stage 3 work on these interfaces could slip past September. Discussions are needed with SA2 to decide which of these interfaces are mandatory and which can be postponed to a later release. Further discussion is required between CN3 and CN4 on responsibility for the Wg interface, however for the time being, the responsibility remains with CN4.

CN is prepared to accept the transfer of GUP specifications 23.241 and 24.241 from T2 to CN4. A working arrangement has also been established between the Liberty Alliance Project and 3GPP to allow 3GPP delegates access to required specs and Liberty Alliance experts.

SA2 has also recommended the transfer of the OSA stage 2 (23.127). CN5 needs to take a position whether to accept this work before the issue is presented to the CN plenary.

CN formally closed CN2 and transferred its responsibilities to CN4. CN2 was thanked for its contribution to GSM in general and CAMEL specifically. A revised CN4 ToR was approved refreshing the description of responsibilities and expanding its scope (NP-040233).

ITU-T SSG has requested early input on Release 6 from 3GPP, however CN recommends that Q.1741.4 be based upon the output of the Dec 2004 TSGs. The response is in NP-040290.

The following new or updated WIDs were approved:

- Gx for Flow Based Charging (New): Target date is Dec 2004 (NP-040245)
- WLAN stage 3 (Revised): Target date is Sept 2004 with high uncertainty for scenario 3 (NP-040224)

Specifications Noted (provided for information to the plenary – at least 50% complete)

- 24.147: Conferencing using IMS
- 24.247: Messaging using IMS
- 29.109: Generic Authentication Algorithm – Stage 3
- 29.199-xy: Web Services API for OSA – Parlay X (multipart specification)
- 29.209: Policy Control over Gq
- 29.332: MGCF – IM Media Gateway (Mn)

Specifications Approved (provided for approval to the plenary – at least 80% complete)

- 24.141: Presence using IMS
- 24.841: TR on presence using IMS (contents being transferred to 24.141 and other specs)
- 29.230: Diameter Applications: 3GPP specific codes and identifiers
- 29.847: TR on conferencing using IMS (contents being transferred to 24.147 and other specs)

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## 1 Opening of the meeting

Stephen Hayes of Ericsson welcomed the delegates to Seoul 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-040156 Draft agenda for CN #24 meeting, MCC. **APPROVED.**

NP-040248 Allocation of documents to agenda items (at tdoc deadline),CN vice-chairman. **NOTED.**

NP-040157 Allocation of documents to agenda items (start of day 1),CN vice-chairman. **NOTED.**

NP-040158 Allocation of documents to agenda items (end of day 1),CN vice-chairman. **NOTED.**

NP-040159 Allocation of documents to agenda items (end of day 2),CN vice-chairman. **NOTED.**

NP-040169 Allocation of documents to agenda items (end of day 3),CN vice-chairman. **WITHDRAWN.**

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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#23 (including CN3#23bis) Meeting

NP-040161 Draft report from CN#23 meeting, MCC.

Status: **APPROVED.**

### 4.2 Reports from other groups

**No Input to this agenda item.**

### 4.3 IETF coordination report

NP-040178 IETF coordination report, CN Chair. **NOTED.**

### 4.4 OMA Co ordination Report

**No Input to this agenda item.**

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## 5 Incoming liaisons

### LSs moved to other sections:

NP-040164, NP-040170 -> 9.1 (linked to 193)

NP-040173, NP-040175 -> 9.1 (linked to 202)

NP-040283 -> 6.5.1

### 5.1 From TSG-CN working groups

#### NP-040165 LS on CAMEL open item list [N2-049999], CN2.

**Content:** CN2 has maintained a document listing identified open items in the CAMEL specifications. The list was kept as a reminder, and to encourage CRs. Since the 3GPP is contribution driven the interested companies are invited to solve the issues identified in CN4.

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

#### NP-040166 LS on Assignment of the Diameter codes and identifiers [N4-040466], CN4.

**Content:** As agreed by the CN#23, the CN4 has the responsibility to coordinate the 3GPP specific Diameter codes and identifiers. The CN4 has created a draft of the TS 29.230, which documents those codes and identifiers, to be the basis of the coordination. The annex A of the TS contains the recommended rules for the assignment procedure of different Diameter codes and identifiers

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

#### NP-040167 Reply to LS on Transfer of T2 GUP TS's [N4-040699], CN4.

**Content:** In this LS CN4 asks SA2, T and T2 groups to initiate the process of transferring the responsibility for both TS 23.241 and TS 24.241 from T2 to CN4.

**Discussion:** Reply from SA2 is contained in NP-040169.

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

#### NP-040168 LS on Clarifications concerning OSA High Availability discussion [N5-040123], CN5.

**Content:** Old Information, explained in more detail in the CN5 status report.

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

### 5.2 From other 3GPP groups

#### NP-040169 Reply LS on Transfer of T2 GUP TS's [S2-042207], SA2.

**Content:** SA2 agree with CN4's view that CN4 should take over the responsibility for both TS 23.241 (Data Description Method, stage 2) and TS 24.241 (Common Objects, stage 3). Therefore SA2 kindly ask T2, TSG-T and CN4 to take the necessary action to move the responsibility of these two specifications from T2 to CN4.

**Discussion:** TSG\_CN support the move of these specifications to CN4.

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

#### NP-040171 LS reply to CN2 on CAMEL prepay: IP version of the GGSN address [S5-044254], SA5.

**Content:** In this LS, SA5 provide clarification to CN2 on the version of GGSN IP address.

With this clarification, SA5 feel that the CAMEL requirements related to the GGSN IP address in the S-CDR are met.

**Discussion:** CN2 has provided the related CRs to this meeting for approval.

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

#### NP-040172 LS on Assignment of the Diameter codes and identifiers [S5-044356], SA5.

**Content:** SA5 provide some comments to CN4 on TS 29.230 v0.3.0. These comments will be taken into consideration by CN4.

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

**NP-040174 LS on Collaboration between 3GPP and Liberty Alliance Project [SP-040220] SA**

**Content:** 3GPP CN and SA have identified a need to reference specifications from the Liberty Alliance Project (LAP) as part of the 3GPP Generic User Profile (GUP) work item.  
Included the action to PCG /OP to pursue negotiations with LAP to find a mechanism for allowing collaboration with the Liberty Alliance Project fulfilling the requirements stated above  
Stephen Hayes is the 3GPP coordinator with Liberty Alliance.

**Discussion:** If the LAP DST specifications are not published by mid-June, they will be made available to 3GPP by LAP.

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

### 5.3 From other groups

**NP-040176 Request for new information for draft Recommendation Q.1741.4 (referencing of 3GPP Release 6, system and services aspects and core networks aspects) [LS\_06-SSG] ITU-T SSG**

**Content:** ITU-T request the Rel-6 list of specifications to be transposed by the SDO's

**Discussion:** Propose providing this list at the December 2004 Plenary. This will be aligned also with RAN and ITU-R.  
Send a LS to the ITU-T explaining this. LS is contained in NP-040286.

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

**NP-040286 LS OUT to ITU-T, CN Chair.**

**Discussion:** Decided to add TSG\_SA and PCG, correct some grammar, and delete the last paragraph.

**Status:** **REVISED to 0290.**

↓ REVISED ↓

**NP-040290 LS OUT to ITU-T, CN Chair. APPROVED.**

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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-040180 Status Report for TSG CN WG1, CN1 Chair. NOTED.**

**NP-040181 CN1#33b Meeting Report, MCC. NOTED.**

**NP-040182 CN1#34 Meeting Report, MCC. NOTED.**

**NP-040183 All LSs sent from CN1 since TSG CN#22 Meeting, MCC. NOTED.**

**NP-040184 All LSs sent from CN1 since TSG CN#22 Meeting, MCC. NOTED.**

#### 6.1.2 Questions for advice and decisions from CN1

**No Input to this agenda item.**

### 6.2 Reporting from TSG-CN WG2

#### 6.2.1 Status report from CN2

**NP-040204 CN2 Status Report to CN Plenary, CN2 chairman.**

**Content:** Some issues regarding to closing of CN2:

- A. Some open CAMEL issues remain. CN4 is supposed to work on these, based on company contributions.  
CN2 sent the open issue list as LS to CN4.
- B. MCC should remove the CN2 Terms of Reference from 3GPP web page. CN4 ToR will be updated due to CAMEL work and due to some other work.
- C. In general, MCC should update the 3GPP CN web pages.
- D. CN2 proposes to cease CN2 CAMEL email exploder. It's up to CN4 if they want to create a new specific one for the CAMEL purposes.



- E. CN4 secretary to add a CN4 work item to Rel-7 due to a CAMEL requirement. SA1 has approved a requirement which enables gsmSCF to modify basic service in a SCUDIF call.
- F. CN4 secretary should update their list of spec editors.
- G. CN2 chair proposes for CN plenary to formally close CN2.

**Discussion:** CN2 was formally closed by TSG\_CN. The CN Chair thanked CN2 for all the work they have done. **The Workplan needs to be updated to reflect the move of CN2 work to CN4. The MCC will ensure the workplan is adjusted accordingly.**

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

NP-040205 CN2#32 Draft Meeting report and CN2 AdHoc meeting report, CN2. **NOTED.**

NP-040206 All LSs sent from CN2 since TSG CN#23 Meeting, MCC. **NOTED.**

## 6.2.2 Questions for advice and decisions from CN2

**No Input to this agenda item.**

## 6.3 Reporting from TSG-CN WG3

### 6.3.1 Status report from CN3

NP-0400234 CN3 Status Report to CN Plenary, CN3 Chair.

**Discussion:** TSG\_CN thanked Norbert for all the work he has done in his role as CN3 chairman and welcomed the new CN3 Chair and vice chair.

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

NP-040235 Draft Meeting Report from CN3#31b Meeting, CN3. **NOTED.**

NP-040236 Draft Meeting Report from CN3#32 Meeting, CN3. **NOTED.**

NP-040237 LSs outgoing from CN3 between CN#23 and CN#24, 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-040210 Status report from CN4 to TSG-CN Plenary Meeting #24, CN4 chairman.

**Discussion:** Nokia commented that there is an open issue of which CN WG is responsible for the Wg interface. It is currently listed in the WID as CN4. **Status:** **NOTED.**

NP-040211 All CN4 meeting reports since last CN Plenary, CN4. **NOTED.**

NP-040212 All LSs sent from CN4 since TSG CN#21, CN4. **REVISED to 0275 BEFORE PRESENTATION.**

↓ **REVISED** ↓

NP-040275 All LSs sent from CN4 since TSG CN#21, CN4. **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-040250** Chair's report from CN5 (slide presentation), CN5 Chair.

**Discussion:** CRs to complete Rel 6 expected at CN#25 even though CRs are normally brought in every other plenary.

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

**NP-040283** LS on transferring the OSA stage 2 responsibility to 3GPP TSG CN WG5 [S2-042344], SA2.

**Content:** SA2 propose to transfer the responsibility for the TS 23.127 towards 3GPP TSG CN WG5.

**Discussion:** CN5 to decide if they wish to accept responsibility for 23.127 and LS accordingly to SA2. Formal approval of the move to be taken in CN#25. CRs to 23.127 should be handled in SA2 until the transfer formally takes place. CN5 can "coach" SA2 on necessary CRs to 23.127 if needed. If additional work on 23.127 by CN5 is needed, this may require an extension until CN#26.

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

**NP-040251** Draft Report of CN5#27, CN5 Chair. **NOTED.**

**NP-040252** CN5 Output LSs after CN#23, 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

**NP-040177** ITU-T co-ord ad-hoc report: CN chairman. **NOTED.**

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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]

NP-040185 CRs to R99 (with mirror CRs) on Work Item LCS towards 24.007 and 24.008, CN1. **APPROVED.**

NP-040213 CRs to Rel-4 on Work Item Location Service Enhancement, CN4. **APPROVED**

### 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]

NP-040214 Corrections on OoBTC, CN4. **WITHDRAWN.**

NP-040276 Corrections on OoBTC, CN4. **APPROVED.**

### 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-040253 Rel-4 CRs 29.198-03 OSA API Part 3: Framework, CN5. **APPROVED.**

NP-040254 Rel-4 CRs 29.198-04 OSA API Part 4: Call control, CN5. **APPROVED.**

NP-040255 Rel-4 CRs 29.198-04 OSA API Part 4: Call control, CN5. **APPROVED.**

NP-040256 Rel-4 CRs 29.198-xy OSA API: correct P\_TRIGGERING\_ADDRESSES service property, CN5. **APPROVED.**

NP-040257 Rel-4 CRs 29.198-04 OSA API Part 4: Call control, CN5. **APPROVED.**

### 7.11 Small Technical Enhancements & Improvements [TEI]

NP-040186 CRs to R99 (with mirror CRs) on Work Item TEI towards 24.008, CN1. **APPROVED.**

NP-040238 CRs to Rel-4 and prev. (with mirror CRs) on Work Item "TEI" (Pack 1), CN3. **APPROVED.**

NP-040239 CRs to Rel-4 and prev. (with mirror CRs) on Work Item "TEI" (Pack 2), CN3. **APPROVED.**

#### 7.12 Any Other pre-Release 5 WI

NP-0404187 CRs to Rel-4 (with mirror CRs) on Work Item TEI4 towards 24.008 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-040188 CRs to Rel-5 on Work Item IMS-CCR towards 24.228, CN1. **APPROVED.**

NP-040189 CRs to Rel-5 (with mirror CRs) on Work Item IMS-CCR towards 24.229, CN1. **APPROVED.**

NP-040215 CRs to Rel-5 on Work Item IP-based multimedia services Cx-/Dx-interface, CN4. **APPROVED.**

NP-040216 CRs to Rel-5 on Work Item IP-based multimedia services Sh-interface, CN4. **APPROVED.**

### 8.2 OSA enhancements [OSA2]

NP-040258 Rel-5 CR 29.198-01: Correct Java Code to conform with Java Rulebook in TS 29.198-01 and to remove errors (*NP-040154 CN#23bis Approved & for CN#24 Information*), CN5. **NOTED.**

NP-040259 Rel-5 CRs 29.198-02 to -14: Correct Java Code to conform with Java Rulebook in TS 29.198-01 and to remove errors (*NP-040155 CN#23bis Approved & for CN#24 Information*), CN5. **NOTED.**

NP-040260 Rel-5 CRs 29.198-01 OSA API Part 1: Overview, CN5.

**Comments:** CR #029 version was made a version of the TS that did not exist when the CR was created. However the relevant text of the 2 versions is identical.

**Status:** **APPROVED.**

NP-040261 Rel-5 CRs 29.198-03 OSA API Part 3: Framework, CN5. **APPROVED.**

NP-040262 Rel-5 CRs 29.198-xy OSA API: Correct Java Rulebook, CN5. **APPROVED.**

### 8.3 CAMEL Phase 4 [CAMEL4]

NP-040207 CRs to Rel-5 WI CAMEL4, CN2. **APPROVED.**

NP-040208 CRs to Rel-5 WI CAMEL4, CN2. <<<CN4 Crs are in 284.

**Discussion:** As the motivating requirement has not been seen by SA1, this CR is returned to CN4.

**Status:** **SENT BACK TO CN4.**

NP-040209 CRs to Rel-6 WI TEI\_6, CN2. **REVISED to 0249 BEFORE PRESENTATION.**

↓ **REVISED** ↓

NP-040249 CRs to Rel-6 WI TEI\_6, CN2.

**Discussion:** The meeting had some concerns with CAT B CRs using the TEI work item. TSG asked that care be taken when using the TEI work item.

**Status:** **APPROVED.**

NP-040217 CRs to Rel-5 on Work Camel 4, CN4. **APPROVED.**

### 8.4 Location Service Enhancements [LCS1]

**No Input to this agenda item.**

### 8.5 End to End QoS [E2EQoS]

NP-040240 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-040190** CRs to Rel-5 (with mirror CR) on Work Item TEI5 towards 24.008, CN1.

**Discussion:** One CR#880 has a potential dependency on a RAN2 CR. This was checked offline and the dependency was found to be negligible.

**Status:** APPROVED.

**NP-040218** CRs to Rel-5 on Work Item small Technical Enhancements and Improvements on GTP, CN4.  
APPROVED.

**NP-040219** CRs to Rel-5 on Work Item small Technical Enhancements and Improvements on TrFO CN4.  
APPROVED.

## 8.9 Any other Rel-5 WI

No Input to this agenda item.

## 9 Release 6

### 9.1 IMS Phase 2 [IMS]

**NP-040191** CRs to Rel-6 on Work Item IMS2 towards 24.229, pack 1, CN1.

**Comment:** Number of clauses on one coverage is incorrect.

**Status:** **APPROVED.**

**NP-040192** CRs to Rel-6 on Work Item IMS2 towards 24.229, pack 2, CN1. **APPROVED.**

**NP-040164** Interworking with non-IMS SIP UEs (precondition fallback) [N1-041097] CN1

**Content:** CN1 asks SA2 to study whether the shortcomings of the solution in the agreed CR (N1-041096, which is according to TR 29.962) are acceptable. If they are not acceptable, CN1 asks SA2 whether the alternative proposal should be considered. SA2 is kindly asked to indicate this fact towards CN plenary, as the accepted CR against 24.229 (N1-041096) could then there be rejected

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

**NP-040170** Reply LS on "Interworking with non-IMS SIP UEs (precondition fallback)" [S2-042266] SA2

**Content:** SA2 would like to confirm that CN1's CR in N1-041096 (CR#644rev3 on 24.229) is in full alignment with stage-2 specifications, and hence would like to encourage its approval.

**Discussion:** Corresponding CR from CN1 is in NP-040193:

Lucent has strong convictions that "starting resource reservation after the called party has picked up the phone" is a wrong procedure [especially when the resource reservation involves SGSN, GGSN, PDF, and P-CSCF], but Lucent is prepared to accept the majority decision (N1-041096) in this respect and SA2's opinion as indicated in their LS (NP-040170).

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

**NP-040193** CR to Rel-6 on Work Item IMS2 towards 24.229, CR#644r3, CN1. **APPROVED.**

**NP-040194** TR 29.847v200, Conferencing based on SIP, SDP and other protocols; Functional models, information flows and protocol details, CN1.

The intention is not to proceed this TR beyond Rel-6. Further work will be done in a TS. The report is sent for approval and not for information as stated in the cover sheet.

**Status:** **APPROVED.**

**NP-040195** TS 24.147v100, Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3, CN1. **NOTED.**

**NP-040196** TS 24.247v100, Messaging service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3, CN1. **NOTED.**

**NP-040197** Revision of IMS Stage-3 Enhancements, CN1.

**Discussion:** The update explicitly remove IMS conferencing media policy control from the scope of Rel-6, due to the slow progress in IETF; and to update the dates at which the documents are presented for information and for approval to the plenary.

Title incorrect as Floor Control has not been removed from the WID. Decided to revised the document and remove the intermediate title page.

**Status** **REVISED to 0288.**

↓ **REVISED** ↓

**NP-040288** Revision of IMS Stage-3 Enhancements, CN1. **APPROVED.**

**NP-040220** CRs to Rel-6 on Work Item IP-based multimedia services, CN4. **APPROVED.**

### 9.2 Support of Presence Capability [PRESNC]

**NP-040198** CRs to Rel-6 on Work Item PRESNC towards 24.229, CN1. **APPROVED.**

**NP-040199** TR 24.841v200, Presence service based on Session Initiation Protocol (SIP); Functional models, information flows and protocol details, CN1.

The report was presented for approval and not information as stated in the cover sheet. **APPROVED.**

NP-040200 TS 24.141v200, Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3, CN1.  
The report was presented for approval and not information as stated in the cover sheet. **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-040263 Rel-6 CRs 29.198-01 OSA API Part 1: Overview CN5. **APPROVED.**

NP-040264 Rel-6 CRs 29.198-02 OSA API Part 2: Common data CN5. **APPROVED.**

NP-040265 Rel-6 CRs 29.198-03 OSA API Part 3: Framework CN5. **APPROVED.**

NP-040266 Rel-6 CRs 29.198-04-1 OSA API Part 4: Call control; Sub-part 1: Call Control Common Definitions CN5. **APPROVED.**

NP-040267 Rel-6 CRs 29.198-04-3 OSA API Part 4: Call control; Sub-part 3: Multi-Party Call Control SCF CN5. **APPROVED.**

NP-040268 Rel-6 CRs 29.198-04-4 OSA API Part 4: Call control; Sub-part 4: Multi-Media Call Control SCF CN5. **APPROVED.**

NP-040269 Rel-6 CRs 29.198-05 OSA API Part 5: Generic user interaction CN5. **APPROVED.**

NP-040270 Rel-6 CRs 29.198-06 OSA API Part 6: Mobility CN5. **APPROVED.**

NP-040271 Rel-6 CRs 29.198-11 OSA API Part 11: Account management CN5.

**Discussion:** NOTE: NP-03056 was approved at CN#22 but later found to be unimplementable. Thus CR DB status changed to "rejected" at CN#23 (see NP-040066 §3.2.1). The CR was completely re-worked and submitted to CN#24 for Approval.

**Status:** **APPROVED.**

NP-040272 Rel-6 CRs 29.198-14 OSA API Part 14: Presence and Availability Management (PAM) CN5. **APPROVED.**

NP-040273 Rel-6 CRs 29.198-xy OSA API: Remove the <<new>> stereotype from methods which are no longer new CN5. **APPROVED.**

NP-040274 New Rel-6 TSs 29.199-xy Version 1.0.2 "Web Services API for OSA; Parlay X services; Parts 1 to 9" - for CN Information CN5. **NOTED.**

### 9.8 Multimedia Broadcast and Multicast Service **[MBMS]**

NP-040221 CRs to Rel-6 on Work Item Multimedia Broadcast and Multicast Service, CN4. **WITHDRAWN.**

NP-040277 CRs to Rel-6 on Work Item Multimedia Broadcast and Multicast Service, CN4. **APPROVED.**

NP-040244 CRs to Rel-6 on Work Item "MBMS", CN3. **APPROVED.**



## 9.9 IMS Messaging

No Input to this agenda item.

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

No Input to this agenda item.

## 9.11 Interworking IMS<->IP

No Input to this agenda item.

## 9.12 Interworking IMS<->CS

NP-040241 CRs to Rel-6 (with mirror CRs) on Work Item " IIMS-CCR-IWCS " (Pack 1)",CN3. **APPROVED.**

NP-040242 CRs to Rel-6 (with mirror CRs) on Work Item " IIMS-CCR-IWCS " (Pack 2)",CN3. **APPROVED.**

## 9.13 Enhanced Dialed Services [EDCAMEL]

NP-040222 CR to Rel-6 on Camel 4 enhancements CN4. **WITHDRAWN.**

NP-040278 CR to Rel-6 on Camel 4 enhancements CN4. **WITHDRAWN.**

NP-040284 CR to Rel-6 on Camel 4 enhancements., CN4

**Discussion:** As the motivating requirement has not been seen by SA1, this CR is returned to CN4.

**Status:** **SENT BACK TO CN4.**

## 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-040223 Media Gateway Control Function (MGCF) - IM Media Gateway 3GPP TS 29.332 v1.0.0 for information CN4. **NOTED.**

## 9.17 WLAN [WLAN]

NP-040201 Revision of WLAN Interworking - stage 3 definition of WLAN - 3GPP interworking CN1. **WITHDRAWN.**

NP-040224 Update Work Item Description on WLAN CN4.

**Discussion:** Vodafone has some concerns about Wg interface being completed in the Rel-6 timeframe. The WID does not contain the information of which plenary will approve the work (CRs/TSs). There is a risk that scenario 3 may not be achievable in the Rel-6 timeframe.

CN Chair will hi-light to SA plenary that there is some risk on the completion of Scenario 3. There may need to be negotiation on the interfaces to be supported under Scenario 3.

Also Vodafone suggest that CN3 may be a better group to take the Wg and Wp interfaces.

CN3 chair stated that it is too early to decide where this work should be done, and it needs to be re-examined at a later date. Nokia asked that contributions should be presented to CN4 until the decision is taken. TSG\_CN recommend that CN4 keep ownership for the time being but CN3 and CN4 need to discuss and decide where the Wg responsibility should be in the long term.

Lucent added that there are dependencies on Stage 2, and there is no consideration for the moment on the inclusion of Gi Prime. Samsung questioned whether the WID should include the "scenario" numbering

terminology. 800 series TRs and WIDs are internal tools so the use of scenario numbering to assist structuring the work is acceptable. CN1 and CN4 should communicate directly with SA2 to have correct naming for the scenarios.

It was noted that there is a separate TS for the Wi interface [TS 29.161]. This WID mentioned that the Wi interface is a subset of the Gi interface. However it is up to the responsible WGs to decide what documentation structure is most appropriate.

CN chair added that on of the IETF specifications (network discovery and selection) has been split. This can be updated at a later meeting.

**Status:** **APPROVED.**

### 9.18 Location Service Enhancements [LCS2]

**NP-040225** CRs to Rel-6 on Work Item Location Service Enhancements, CN4. **APPROVED.**

### 9.19 Network Sharing [NTShar]

**No Input to this agenda item.**

### 9.20 QoS improvements [QoS1]

**NP-040243** TS 29.209 v100 Policy control over Gq interface (for information), CN3. **NOTED.**

### 9.21 Small Technical Enhancements and Improvements [TEI6]

**NP-040173** Re. LS on PLMN selection and background scan [S1-040444], SA1.

**Content:** SA1 require that RAT is taken into account in background scan and have documented this with 4 CRs to TS 22.011. The assumptions made in CN have been confirmed by SA1. The CN1 CRs are presented by CN1 in NP-040202. CN1 has not yet analysed the SA1 conditionally approved CRs.

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

**NP-040175** Re. LS on PLMN selection and background scan [GP-041220], GERAN.

**Content:** TSG GERAN WG1 would invite the groups involved in this work to consider if a RAT separation between GERAN and UTRAN is sufficient for the purpose of the background scan or if it should be further broken down, e.g., as currently for cell reselection in TSG GERAN specifications.

TSG GERAN have secondary responsibility for TS 23.122, TSG GERAN would in the future like to get involve in an earlier stage if similar issues appear in TSG CN.

CN1 has not yet analysed this LS.

**Discussion:** It was clarified that GERAN do not have secondary responsibility TS 23.122.

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

**NP-040202** CRs to Rel-6 on Work Item TEI6 towards 23.122 CN1. **APPROVED.**

**NP-040203** CRs to Rel-6 on Work Item TEI6 towards 24.008, 29.018 and 43.068, CN1.

**Discussion:** N1-041078 is superseded by the contribution in NP-040285.

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Doc-2nd-Level	
24.008	869	1	Rel-6	Introduction of Flexible Layer One lu capability	B	6.4.0	N1-040985	<b>APPROVED</b>
24.008	871	2	Rel-6	Identity request for identity that is not available	F	6.4.0	N1-041098	<b>APPROVED</b>
24.008	882	1	Rel-6	Follow-on proceed for the PS domain	B	6.4.0	N1-041078	<b>BACK to CN1</b>
29.018	041	2	Rel-6	Addition of IMEISV to Update Location Procedure for ADD function	B	5.5.0	N1-040920	<b>APPROVED</b>
43.068	016	1	Rel-6	Correction of PCH re-organization notification	F	6.0.0	N1-041073	<b>APPROVED</b>

**Status:** **PART APPROVED.**

**NP-040285 CR to Rel-6 on Work Item TEI6 towards 24.008, Lucent.**

**Discussion:** Replaces one CR contained in NP-040203.  
Differs significantly from the originators CR, and would need to be examined further in CN1.

**Status:** **WITHDRAWN.**

**NP-040226 CR to Rel-6 on Work Item small Technical Enhancements and Improvements, CN4. APPROVED.**

**NP-040227 CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on Automatic Device Detection, CN4. APPROVED.**

**NP-040228 CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on GTP, CN4. APPROVED.**

**NP-040229 CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on MAP, CN4. APPROVED.**

**NP-040246 CRs to Rel-6 on Work Item "TEI\_6" (Pack 1), CN3.**

**Discussion:** Nokia present an alternative CR in NP-040279.  
Nokia object to the original CN3 agreed CR as it is considered to be too general and introduces additional optionally.  
Nokia requested that this issue be sent back to CN3 so that a better solution can be reached by September 2004. CN3 chairman agreed to this, under the condition that Nokia bring some more detailed contribution to the next CN3 meeting.

**Status:** **REFERRED BACK TO CN3 FOR FURTHER DISCUSSION.**

**NP-040279 RADIUS Enhancements on the Gi interface to enable QoS correlation, Nokia, Vodafone**

**Discussion:** CN3 chairman commented that this concept already been discussed in CN3. He was a little concerned of a last minute CR being approved in Plenary without being seen in CN3.  
CN3 have agreed to use obtain Packet filters from either the TFT or the Go interface. This contribution provides only one solution, and excludes the other solution.

**Status:** **REJECTED.**

**NP-040247 CRs to Rel-6 on Work Item "TEI\_6" (Pack 2), CN3. APPROVED.**

## 9.22 Any other Rel-6 WI

**NP-040230 CR to Rel-6 on Charging, CN4.**

**NP-040231 Generic Authentication Architecture 3GPP TS 29.109 v1.0.0 for information, CN4. NOTED.**

**NP-040232 Diameter applications 3GPP TS 29.230 v1.0.0 for information and approval, CN4.**

**Status:** **REVISED to 0289 BEFORE PRESENTATION.**

↓ **REVISED** ↓

**NP-040289 Diameter applications 3GPP TS 29.230 v2.0.0 for information and approval, CN4.**

**Discussion:** Presented for both information and APPROVAL to this meeting, so it may be used as a basis for work in other groups.

**Status:** **APPROVED.**

**NP-040245 Draft WID for Gx interface specification for flow based charging, CN3.**

**Discussion:** Completion date for this WID is shown as December 2004. Needs to be included in Rel-6 so an exception may be required from TSG\_SA for late completion of Rel-6 work.

**Status:** **APPROVED.**

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## 10 TSG CN work organization

### 10.1 Principles for work organization within CN

**No Input to this agenda item.**

### 10.2 Terms of Reference

**NP-040233 CN4 updated Terms of Reference, CN4. APPROVED.**

### 10.3 Support Arrangements

No Input to this agenda item.

### 10.4 Working methods / Work Style

**NP-040282** Revision to WID template MCC, JMM.

**Discussion:** Does IMS box include the IMS client in the terminal or just the IMS in the network?

The need for the IMS box was questioned. Should it be considered as a logical or physical entity? There is some confusion on how it needs to be used.

If we include IMS on the WID, it would need to be added to the CR template. However if we add one subsystem we would need to add all subsystems. CN see this as opening a Pandora's box and would prefer not to have the IMS box on the WID template.

*TSG\_CN could find no justification for the IMS box, and suggested removing it. The CN chair will report this to TSG\_SA. It was also agreed that the check boxes in the WID and the CR cover sheet should be aligned.*

Motorola asked that Revision marks be used when developing this document, (usual 3GPP practice).

Summary:

In 6.2, Motorola had a concern on the re-definition of the term 'Frozen'. There was no CN consensus on this.

In 6.4, Cingular concern over the complexity of the scheduling detail. There was no CN consensus on this.

In 9, concern over the use of 'active participation'. There was no CN consensus on this.

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

## 10.5 Future Meeting Schedule

### NP-040287 2004 Meeting schedule, source MCC.

**Discussion:** All 2005 WG venues shown are tentative. It was confirmed by Samsung that the Nov, 2004 meetings will be in Busan, Korea. CN Vice chair (Nortel) suggested destinations such as Australia not representing the spread of delegates, It was clarified one reason for this would be due to one CN delegate who constantly travels from Australia to 3GPP meetings.

There was a request to have some consideration of other organizations meetings (such as IETF, OMA) CN4 would prefer to have the Feb meeting one week (7<sup>th</sup> – 11<sup>th</sup>) earlier and the April meeting 2 weeks later. (9<sup>th</sup> – 13<sup>th</sup> May). China and Korea have concerns with the earlier Feb date. Decided to keep the original Feb date.

NOTE the Nov 2005 date is incorrect (one day too long)

The remaining 2005 dates will be discussed on the CN email.

**Status:** **NOTED**

Jun 2004				
TITLE	TYPE	DATES	LOCATION	CTRY
<a href="#">3GPPCN#24</a>	OR	2 - 4 Jun 2004	Seoul	KR
<a href="#">3GPPCN1-#34 BIS</a>	AH	15 - 18 Jun 2004	Helsinki	FI
<a href="#">3GPPCN4-23 BIS</a>	WG	21 - 23 Jun 2004	Helsinki	FI
Aug 2004				
TITLE	TYPE	DATES	LOCATION	CTRY
<a href="#">3GPPCN5#28</a>	WG	9 - 13 Aug 2004	Piscataway, New Jersey	US
<a href="#">3GPPCN3#33</a>	WG	16 - 20 Aug 2004	Sophia Antipolis	FR
<a href="#">3GPPCN1#35</a>	WG	16 - 20 Aug 2004	Sophia Antipolis	FR
<a href="#">3GPPCN4#24</a>	WG	16 - 20 Aug 2004	Sophia Antipolis	FR
<a href="#">3GPPCN4#28</a>	WG	16 - 20 Aug 2004	Sophia Antipolis	FR
Sep 2004				
TITLE	TYPE	DATES	LOCATION	CTRY
<a href="#">3GPPCN#25</a>	OR	8 - 10 Sep 2004	Palm Springs	US
Nov 2004				
TITLE	TYPE	DATES	LOCATION	CTRY
<a href="#">3GPPCN5#29</a>	WG	1 - 5 Nov 2004	Barcelona	ES
<a href="#">3GPPCN4#25</a>	WG	15 - 19 Nov 2004	<b>Pusan, Korea (TBC)</b>	<b>KR</b>
<a href="#">3GPPCN1#36</a>	WG	15 - 19 Nov 2004	<b>Pusan, Korea (TBC)</b>	<b>KR</b>
<a href="#">3GPPCN3#34</a>	WG	15 - 19 Nov 2004	<b>Pusan, Korea (TBC)</b>	<b>KR</b>
Dec 2004				
TITLE	TYPE	DATES	LOCATION	CTRY
<a href="#">3GPPCN#26</a>	OR	8 - 10 Dec 2004	Athens	GR
Feb 2005				
TITLE	TYPE	DATES	LOCATION	CTRY
<a href="#">3GPPCN1#37</a>	WG	14 - 18 Feb 2005	<b>(TBC) – Host = JP Friends</b>	
<a href="#">3GPPCN4#26</a>	WG	14 - 18 Feb 2005	<b>(TBC) – Host = JP Friends</b>	
<a href="#">3GPPCN3#35</a>	WG	14 - 18 Feb 2005	<b>(TBC) – Host = JP Friends</b>	
Mar 2005				
TITLE	TYPE	DATES	LOCATION	CTRY
<a href="#">3GPPCN#27</a>	OR	9 - 11 Mar 2005	Tokyo	JP

Apr 2005				
TITLE	TYPE	DATES	LOCATION	CTRY
<a href="#">3GPPCN1#38</a>	WG	25 - 30 Apr 2005	EU	EU
<a href="#">3GPPCN3#36</a>	WG	25 - 30 Apr 2005	EU	EU
<a href="#">3GPPCN4#27</a>	WG	25 - 30 Apr 2005	EU	EU
Jun 2005				
TITLE	TYPE	DATES	LOCATION	CTRY
<a href="#">3GPPCN#28</a>	OR	1 - 3 Jun 2005	Quebec	CA
Aug 2005				
TITLE	TYPE	DATES	LOCATION	CTRY
<a href="#">3GPPCN1#39</a>	WG	22 - 26 Aug 2005	<b>TBC, Host = NA Friends</b>	<b>US</b>
<a href="#">3GPPCN3#37</a>	WG	22 - 26 Aug 2005	<b>TBC, Host = NA Friends</b>	<b>US</b>
<a href="#">3GPPCN4#28</a>	WG	22 - 26 Aug 2005	<b>TBC, Host = NA Friends</b>	<b>US</b>
Sep 2005				
TITLE	TYPE	DATES	LOCATION	CTRY
<a href="#">3GPPCN#29</a>	OR	21 - 23 Sep 2005	EU	EU
Nov 2005				
TITLE	TYPE	DATES	LOCATION	CTRY
<a href="#">3GPPCN1#40</a>	WG	7 - <b>11</b> Nov 2005	EU	EU
<a href="#">3GPPCN3#38</a>	WG	7 - <b>11</b> Nov 2005	EU	EU
<a href="#">3GPPCN4#29</a>	WG	7 - <b>11</b> Nov 2005	EU	EU
<a href="#">3GPPCN#30</a>	OR	30 Nov - 2 Dec 2005	EU	EU

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## 11 Specifications in TSG-CN domain

NP-040280 CRs to list of specs MCC, JMM. **NOTED.**

NP-040281 Status list before CN#23 MCC, JMM. **NOTED.**

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## 12 Review of 3GPP Work Plan

NP-040162 3GPP Work Plan, source MCC.

**Discussion:** Needs to be updated to include CN progress at this meeting.

**Status:** **REVISED to 0291.**

↓ **REVISED** ↓

NP-040291 3GPP Work Plan, source MCC. **NOTED.**

NP-040163 3GPP Work Plan [Slide Presentation], source MCC.

**Comments:** Comments were made online to the slides:- Alain noted these comments and will ensure they are included before presentation to SA.

Slide #18 CN is not currently aware of ongoing work on LCS enhancements. Relates to Lr and Lpp interfaces.

Slide #21 Mp interface is planned to be completed in Dec 2004. Remove SA2 dependency.

Slide #21 Stage 3 for Local services has little content. SA2 consider Stage 2 as complete. CN are not aware of the need for Stage 3 work (Check with SA2).

Slide #31 DSR codec can already be negotiated – no further work is required in CN1.

Slide #34 Scenario 3 includes more than simply the Wi interface. Until CN knows which if these interfaces (Wg, Wi, Wp) are required for Scenario 3, it cannot give an estimated completion date.

Ongoing dialogue between CN1 and T3, Guidance required from SA1.

Slide #43 Addition of Gx and Rx interfaces to the slide – completion in December 2004.

Slide #64 GAA application type. CN4 is dependant on SA3 work

**Status:** **REVISED to 0292.**

↓ **REVISED** ↓

NP-040292 3GPP Work Plan [Slide Presentation], source MCC. **NOTED.**

NP-040179 Overview of Rel-4 Contents, MCC.

**Comments:** Companies are invited to provide information by email to Alain Sultan and the MCC responsible person for the work

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

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## 13 Postponed issues from earlier in the meeting

**No Input to this agenda item.**

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## 14 Any other business

**No Input to this agenda item.**

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## 15 Close of Meeting

The Chairman thanked the host, delegates and MCC for their participation, and closed the meeting at 12:30 on 3<sup>rd</sup> June.

## ANNEX A:OUTPUT MATERIAL

### A.1 Liaisons Approved

Tdoc	Tdoc Title	LS to	LS cc	LS Attachment
NP-040290	LS to ITU-T on the Rel-6 list	IUT-SSG	TSG_SA, PCG, RAN	none

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

Tdoc	Type	Spec	Tdoc Title	N_Version	WG
NP-040194	TR	29.847	TR 29.847v200, Conferencing based on SIP, SDP and other protocols; Functional models, information flows and protocol details	6.0.0	CN1
NP-040289	TS	29.230	Diameter applications 3GPP TS 29.230 v2.0.0 for information and approval	6.0.0	CN4
NP-040199	TR	28.841	TR 24.841v200, Presence service based on Session Initiation Protocol (SIP); Functional models, information flows and protocol details	6.0.0	CN1
NP-040200	TS	24.141	TS 24.141v200, Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	6.0.0	CN1

### A.3 New / Revised Work Items Approved

Tdoc	Tdoc Title	Source	Rel
NP-040245	Draft WID for Gx interface specification for flow based charging	CN3	Rel-6
NP-040288	Revision of IMS Stage-3 Enhancements	CN1	Rel-6
NP-040224	Update Work Item Description on WLAN	CN4	Rel-6



#### A.4 Status of CRs following TSG CN Plenary meeting

Spec	CR	Rev	Phase	Cat	Plenary doc	WG doc	TSG status	Subject	O_Ver	N_Ver	WG	Workitem
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*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-040156	2	AGENDA	DRAFT Agenda for CN#24 Meeting			CN Chair		APPROVED
NP-040157	2	DAD	Proposed allocation of documents to agenda items for TSG-CN Plenary Meeting: beginning of day 1			CN vice-chairman		NOTED
NP-040158	2	DAD	Proposed allocation of documents to agenda items for TSG-CN Plenary Meeting: end of day 1			CN vice-chairman		NOTED
NP-040159	2	DAD	Proposed allocation of documents to agenda items for TSG-CN Plenary Meeting: end of day 2			CN vice-chairman		NOTED
NP-040160	2	DAD	Proposed allocation of documents to agenda items for TSG-CN Plenary Meeting: end of day 4			CN vice-chairman		NOTED
NP-040161	4.1	REPORT	Draft Meeting Report from CN#23 (inc 23bis)			MCC		APPROVED
NP-040162	12	WORK PLAN	Latest version of 3GPP Workplan			MCC, Alain Sultan		REVISED TO 0291
NP-040163	12	WORK PLAN	Latest version of 3GPP Workplan (SLIDES)			MCC, Alain Sultan		REVISED TO 0292
NP-040164	5.1	LS IN	Interworking with non-IMS SIP UEs (precondition fallback) [N1-041097]			CN1		NOTED
NP-040165	5.1	LS IN	LS on CAMEL open item list [N2-049999]			CN2		NOTED
NP-040166	5.1	LS IN	LS on Assignment of the Diameter codes and identifiers [N4-040466]			CN4		NOTED
NP-040167	5.1	LS IN	Reply to LS on Transfer of T2 GUP TS's [N4-040699]			CN4		NOTED
NP-040168	5.1	LS IN	LS on Clarifications concerning OSA High Availability discussion [N5-040123]			CN5		NOTED
NP-040169	5.2	LS IN	Reply LS on Transfer of T2 GUP TS's [S2-042207]			SA2		NOTED
NP-040170	5.2	LS IN	Reply LS on "Interworking with non-IMS SIP UEs (precondition fallback)" [S2-042266]			SA2		NOTED
NP-040171	5.2	LS IN	LS reply to CN2 on CAMEL prepay: IP version of the GGSN address [S5-044254]			SA5		NOTED
NP-040172	5.2	LS IN	LS on Assignment of the Diameter codes and identifiers [S5-044356]			SA5		NOTED
NP-040173	5.2	LS IN	PLMN selection and background scan [S1-040444]			SA1		NOTED
NP-040174	5.2	LS IN	LS on Collaboration between 3GPP and Liberty Alliance Project [SP-040220]			SA		NOTED

Tdoc	Agenda	Type	Tdoc Title	WI	Rel	Source	Spec	Status
NP-040175	5.2	LS IN	Reply to LS on PLMN selection and background scan [GP-041220]			GERAN		NOTED
NP-040176	5.3	LS IN	Request for new information for draft Recommendation Q.1741.4 (referencing of 3GPP Release 6, system and services aspects)			ITU-T SSG		NOTED
NP-040177	6.6	REPORT	Status Report from ITU			CN chair		NOTED
NP-040178	4.3	REPORT	Status Report from IETF			CN chair		NOTED
NP-040179	12	REPORT	Draft Content of Rel-4 document			MCC, Alain Sultan		APPROVED
NP-040180	6.1.1	REPORT	Status Report for TSG CN WG1			CN1 Chair		NOTED
NP-040181	6.1.1	REPORT	CN1#33bis Meeting Report			MCC		NOTED
NP-040182	6.1.1	REPORT	CN1#34 Meeting Report			MCC		NOTED
NP-040183	6.1.1	LS PACK	All LSs sent from CN1 since TSG CN#23 Meeting, CN1#33bis			MCC		NOTED
NP-040184	6.1.1	LS PACK	All LSs sent from CN1 since TSG CN#23 Meeting, CN1#34			MCC		NOTED
NP-040185	7.4	CR PACK	CRs to R99 (with mirror CRs) on Work Item LCS towards 24.007 and 24.008	LCS	R99	CN1		APPROVED
NP-040186	7.11	CR PACK	CRs to R99 (with mirror CRs) on Work Item TEI towards 24.008	TEI	R99	CN1		APPROVED
NP-040187	7.12	CR PACK	CRs to Rel-4 (with mirror CRs) on Work Item TEI4 towards 24.008	TEI4	Rel-4	CN1		APPROVED
NP-040188	8.1	CR PACK	CRs to Rel-5 on Work Item IMS-CCR towards 24.228	IMS-CCR	Rel-5	CN1		APPROVED
NP-040189	8.1	CR PACK	CRs to Rel-5 (with mirror CRs) on Work Item IMS-CCR towards 24.229	IMS-CCR	Rel-5	CN1		APPROVED
NP-040190	8.8	CR PACK	CRs to Rel-5 (with mirror CR) on Work Item TEI5 towards 24.008	TEI5	Rel-5	CN1		APPROVED
NP-040191	9.1	CR PACK	CRs to Rel-6 on Work Item IMS2 towards 24.229, pack 1	IMS2	Rel-6	CN1		APPROVED
NP-040192	9.1	CR PACK	CRs to Rel-6 on Work Item IMS2 towards 24.229, pack 2	IMS2	Rel-6	CN1		APPROVED
NP-040193	9.1	CR PACK	CR to Rel-6 on Work Item IMS2 towards 24.229, CR#644r3	IMS2	Rel-6	CN1		APPROVED
NP-040194	9.1	TR	TR 29.847v200, Conferencing based on SIP, SDP and other protocols; Functional models, information flows and protocol	IMS2	Rel-6	CN1	29.847	APPROVED

Tdoc	Agenda	Type	Tdoc Title	WI	Rel	Source	Spec	Status
NP-040195	9.1	TS	TS 24.147v100, Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	IMS2	Rel-6	CN1		NOTED
NP-040196	9.1	TS	TS 24.247v100, Messaging service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	IMS2	Rel-6	CN1		NOTED
NP-040197	9.1	WID	Revision of IMS Stage-3 Enhancements	IMS2	Rel-6	CN1		REVISED TO 0288
NP-040198	9.2	CR PACK	CRs to Rel-6 on Work Item PRESNC towards 24.229	PRESNC	Rel-6	CN1		APPROVED
NP-040199	9.2	TR	TR 24.841v200, Presence service based on Session Initiation Protocol (SIP); Functional models, information flows and protocol	PRESNC	Rel-6	CN1	28.841	APPROVED
NP-040200	9.2	TS	TS 24.141v200, Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	PRESNC	Rel-6	CN1	24.141	APPROVED
NP-040201	9.17	WID	Revision of WLAN Interworking - stage 3 definition of WLAN - 3GPP interworking	WLAN	Rel-6	CN1		WITHDRAWN
NP-040202	9.21	CR PACK	CRs to Rel-6 on Work Item TEI6 towards 23.122	TEI6	Rel-6	CN1		APPROVED
NP-040203	9.21	CR PACK	CRs to Rel-6 on Work Item TEI6 towards 24.008, 29.018 and 43.068	TEI6	Rel-6	CN1		PART APPROVED
NP-040204	6.2.1	REPORT	CN2 Status Report to CN Plenary	-	-	CN2 Chair		NOTED
NP-040205	6.2.1	REPORT	CN2#32 Draft Meeting report	-	-	CN2		NOTED
NP-040206	6.2.1	LS PACK	LSs sent from CN2 since CN#23			CN2		NOTED
NP-040207	8.3	CR PACK	CRs to Rel-5 WI CAMEL4	CAMEL4	Rel-5	CN2		APPROVED
NP-040208	8.3.	CR PACK	CRs to Rel-5 WI CAMEL4	CAMEL4	Rel-5	CN2		REFERRED BACK TO CN4
NP-040209	8.3	CR PACK	CRs to Rel-6 WI TEI_6	TEI_6	Rel-6	CN2		REVISED TO 0249
NP-040210	6.4.1	REPORT	Status Report for TSG CN WG4			CN4 Chair		NOTED
NP-040211	6.4.1	REPORT	ALL CN4 meeting reports after CN#24			MCC		NOTED
NP-040212	6.4.1	LS PACK	All LSs sent from CN4 since TSG CN#21 Meeting			MCC		REVISED TO 0275
NP-040213	7.4	CR PACK	CRs to Rel-4 on Work Item Location Service Enhancement	LCS	R99	CN4		APPROVED
NP-040214	7.7	CR PACK	Corrections on OoBTC	OoBTC	Rel-4	CN4		WITHDRAWN

Tdoc	Agenda	Type	Tdoc Title	WI	Rel	Source	Spec	Status
NP-040215	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-040216	8.1	CR PACK	CRs to Rel-5 on Work Item IP-based multimedia services Sh-interface	IMS-CCR	Rel-5	CN4		APPROVED
NP-040217	8.3	CR PACK	CRs to Rel-5 on Work Camel 4	Camel4	Rel-5	CN4		APPROVED
NP-040218	8.8	CR PACK	CRs to Rel-5 on Work Item small Technical Enhancements and Improvements on GTP	TEI5	Rel-5	CN4		APPROVED
NP-040219	8.8	CR PACK	CRs to Rel-5 on Work Item small Technical Enhancements and Improvements on TrFO	TEI5	Rel-5	CN4		APPROVED
NP-040220	9.1	CR PACK	CRs to Rel-6 on Work Item IP-based multimedia services	IMS2	Rel-6	CN4		APPROVED
NP-040221	9.8	CR PACK	CRs to Rel-6 on Work Item Multimedia Broadcast and Multicast Service	MBMS	Rel-6	CN4		WITHDRAWN
NP-040222	9.13	CR PACK	CR to Rel-6 on Camel 4 enhancements	EDCamel	Rel-6	CN4		WITHDRAWN
NP-040223	9.16	TS	Media Gateway Control Function (MGCF) - IM Media Gateway 3GPP TS 29.332 v1.0.0 for information		Rel-6	CN4		NOTED
NP-040224	9.17	WID	Update Work Item Description on WLAN	WLAN	Rel-6	CN4		APPROVED
NP-040225	9.18	CR PACK	CRs to Rel-6 on Work Item Location Service Enhancements	LCS2	Rel-6	CN4		APPROVED
NP-040226	9.21	CR PACK	CR to Rel-6 on Work Item small Technical Enhancements and Improvements	TEI6	Rel-6	CN4		APPROVED
NP-040227	9.21	CR PACK	CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on Automatic Device Detection	TEI6	Rel-6	CN4		APPROVED
NP-040228	9.21	CR PACK	CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on GTP	TEI6	Rel-6	CN4		APPROVED
NP-040229	9.21	CR PACK	CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on MAP	TEI6	Rel-6	CN4		APPROVED
NP-040230	9.22	CR PACK	CR to Rel-6 on Charging	CH	Rel-6	CN4		APPROVED
NP-040231	9.22	TS	Generic Authentication Architecture 3GPP TS 29.109 v1.0.0 for information		Rel-6	CN4		NOTED
NP-040232	9.22	TS	Diameter applications 3GPP TS 29.230 v1.0.0 for information and approval		Rel-6	CN4		REVISED TO 0289
NP-040233	10.2	ToR	CN4 updated Terms of Reference			CN4		APPROVED
NP-040234	6.3.1	REPORT	Status Report for TSG CN WG3			CN3 Chair		NOTED

Tdoc	Agenda	Type	Tdoc Title	WI	Rel	Source	Spec	Status
NP-040235	6.3.1	REPORT	CN3#31bis Meeting Report			MCC		NOTED
NP-040236	6.3.1	REPORT	CN3#32 Meeting Report			MCC		NOTED
NP-040237	6.3.1	LS PACK	All LSs sent from CN3 since TSG CN#23 Meeting			MCC		NOTED
NP-040238	7.11	CR PACK	CRs to Rel-4 and prev. (with mirror CRs) on Work Item "TEI" (Pack 1)	TEI	R99	CN3		APPROVED
NP-040239	7.11	CR PACK	CRs to Rel-4 and prev. (with mirror CRs) on Work Item "TEI" (Pack 2)	TEI	R99	CN3		APPROVED
NP-040240	8.5	CR PACK	CRs to Rel-5 (with mirror CRs) on Work Item "End to End QoS"	E2EQoS	Rel-5	CN3		APPROVED
NP-040241	9.12	CR PACK	CRs to Rel-6 (with mirror CRs) on Work Item "IMS2" (Pack 1)	IMS-CCR-IWCS	Rel-6	CN3		APPROVED
NP-040242	9.12	CR PACK	CRs to Rel-6 (with mirror CRs) on Work Item "IMS2" (Pack 2)	IMS-CCR-IWCS	Rel-5	CN3		APPROVED
NP-040243	9.20	TR	TS 29.209 v.100 Policy control over Gq interface (for information)	QoS1	Rel-6	CN3		NOTED
NP-040244	9.8	CR PACK	CRs to Rel-6 on Work Item "MBMS"	MBMS	Rel-6	CN3		NOTED
NP-040245	9.22	WID	Draft WID for Gx interface specification for flow based charging	Gx	Rel-6	CN3		APPROVED
NP-040246	9.21	CR PACK	CRs to Rel-6 on Work Item "TEI_6" (Pack 1)	TEI_6	Rel-6	CN3		REFERRED BACK TO CN3
NP-040247	9.21	CR PACK	CRs to Rel-6 on Work Item "TEI_6" (Pack 2)	TEI_6	Rel-6	CN3		APPROVED
NP-040248	2	DAD	DAD - info available before meeting			CN vice-chairman		NOTED
NP-040249	8.3	CR PACK	CRs to Rel-6 WI TEI_6	TEI_6	Rel-6	CN2		APPROVED
NP-040250	6.5.1	REPORT	Status Report for TSG CN WG5			CN5 Chair		NOTED
NP-040251	6.5.1	REPORT	CN5#27 Meeting Report			CN5 Chair		NOTED
NP-040252	6.5.1	LS PACK	All LSs sent from CN5 since TSG CN#23 Meeting			CN5		NOTED
NP-040253	7.10	CR PACK	4 Rel-4 CRs 29.198-03 OSA API Part 3: Framework (Correct TpServiceProfileDescription)	OSA1	Rel-4	CN5		APPROVED
NP-040254	7.10	CR PACK	3 Rel-4 CRs 29.198-03 OSA API Part 3: Framework (Correct Address Range service property type)	OSA1	Rel-4	CN5		APPROVED

Tdoc	Agenda	Type	Tdoc Title	WI	Rel	Source	Spec	Status
NP-040255	7.10	CR PACK	3 Rel-4 CRs 29.198-04 OSA API Part 4: Call control (Correction of continueProcessing method for Generic Call Control Service)	OSA1	Rel-4	CN5		APPROVED
NP-040256	7.10	CR PACK	14 Rel-4 CRs 29.198-04 OSA API Part 4: Call control (Parlay call backs text clarifications)	OSA1	Rel-4	CN5		APPROVED
NP-040257	7.10	CR PACK	5 Rel-4 CRs 29.198-xy OSA API: correct P_TRIGGERING_ADDRESSES service property	OSA1	Rel-4	CN5		APPROVED
NP-040258	8.2	CR	Rel-5 CR 29.198-01: Correct Java Code to conform with Java Rulebook in TS 29.198-01 and to remove errors (NP-040154)	OSA2	Rel-5	CN5		NOTED
NP-040259	8.2	CR PACK	14 Rel-5 CRs 29.198-02 to -14: Correct Java Code to conform with Java Rulebook in TS 29.198-01 and to remove errors (NP-	OSA2	Rel-5	CN5		NOTED
NP-040260	8.2	CR PACK	4 Rel-5 CRs 29.198-01 OSA API Part 1: Overview	OSA2	Rel-5	CN5		APPROVED
NP-040261	8.2	CR PACK	12 Rel-5 CRs 29.198-03 OSA API Part 3: Framework	OSA2	Rel-5	CN5		APPROVED
NP-040262	8.2	CR PACK	12 Rel-5 CRs 29.198-xy OSA API: Correct Java Rulebook	OSA2	Rel-5	CN5		APPROVED
NP-040263	9.7	CR	Rel-6 CR 29.198-01 OSA API Part 1: Overview (Correct Java Rulebook to introduce UI service naming rule)	OSA3	Rel-6	CN5		APPROVED
NP-040264	9.7	CR	Rel-6 CR 29.198-02 OSA API Part 2: Common data (Remove P_FIXED, TpFixed)	OSA3	Rel-6	CN5		APPROVED
NP-040265	9.7	CR	Rel-6 CR 29.198-03 OSA API Part 3: Framework (Add events to allow an entop to identify when a client app/service)	OSA3	Rel-6	CN5		APPROVED
NP-040266	9.7	CR	Rel-6 CR 29.198-04-1 OSA API Part 4: Call control; Sub-part 1: Call Control Common Definitions (Add missing Supervise Report	OSA3	Rel-6	CN5		APPROVED
NP-040267	9.7	CR	Rel-6 CR 29.198-04-3 OSA API Part 4: Call control; Sub-part 3: Multi-Party Call Control SCF (Correction of description in	OSA3	Rel-6	CN5		APPROVED
NP-040268	9.7	CR PACK	2 Rel-6 CRs 29.198-04-4 OSA API Part 4: Call control; Sub-part 4: Multi-Media Call Control SCF	OSA3	Rel-6	CN5		APPROVED
NP-040269	9.7	CR	Rel-6 CR 29.198-05 OSA API Part 5: Generic user interaction (Correct List vs Set semantics in User Interaction)	OSA3	Rel-6	CN5		APPROVED
NP-040270	9.7	CR	Rel-6 CR 29.198-06 OSA API Part 6: Mobility (Correct alignment between ETSI/Parlay OSA and the 3GPP OSA by adding user	OSA3	Rel-6	CN5		APPROVED
NP-040271	9.7	CR	Rel-6 CR 29.198-11 OSA API Part 11: Account management (Account Management missing needed features)	OSA3	Rel-6	CN5		APPROVED
NP-040272	9.7	CR	Rel-6 CR 29.198-14 OSA API Part 14: Presence and Availability Management (PAM) (Correction of introduction of PAM	OSA3	Rel-6	CN5		APPROVED
NP-040273	9.7	CR PACK	7 Rel-6 CRs 29.198 Parts-3, 4-3, 5, 7, 8, 11, 12 OSA API: Remove the <<new>> stereotype from methods which are no	OSA3	Rel-6	CN5		APPROVED
NP-040274	9.7	TS	Rel-6 Draft v103 TS 29.199-01 to 09 (Open Service Access (OSA); Parlay X Web Services) - 2nd time for Information	OSA3	Rel-6	CN5		NOTED

Tdoc	Agenda	Type	Tdoc Title	WI	Rel	Source	Spec	Status
NP-040275	6.4.1	LS PACK	All LSs sent from CN4 since TSG CN#21 Meeting			MCC		NOTED
NP-040276	7.7	CR PACK	Corrections on OoBTC	OoBTC	Rel-4	CN4		APPROVED
NP-040277	9.8	CR PACK	CRs to Rel-6 on Work Item Multimedia Broadcast and Multicast Service	MBMS	Rel-6	CN4		APPROVED
NP-040278	9.13	CR PACK	CR to Rel-6 on Camel 4 enhancements	EDCamel	Rel-6	CN4		WITHDRAWN
NP-040279	9.22	CR	RADIUS Enhancements on the Gi interface to enable QoS correlation	TEI_6	Rel-6	Nokia		REJECTED
NP-040280	11	CR	CRs to lists of specs					NOTED
NP-040281	11	LIST	status list before					NOTED
NP-040282	10.4	TEMPLATE	Revised WID template					NOTED
NP-040283	5.2	LS IN	LS on transferring the OSA stage 2 responsibility to 3GPP TSG CN WG5 [S2-042344]			SA2		NOTED
NP-040284	9.13	CR PACK	CR to Rel-6 on Camel 4 enhancements	TEI_6	Rel-6	CN4		REFERRED BACK TO CN4
NP-040285	9.21	CR	CR to Rel-6 on Work Item TEI6 towards 24.008			Lucent, Nokia		WITHDRAWN
NP-040286	5.3	LS OUT	LS to ITU-T on the Rel-6 list			CN		REVISED TO 0290
NP-040287	10.5	CALENDAR	2004, 2005 Meeting schedule					NOTED
NP-040288	9.1	WID	Revision of IMS Stage-3 Enhancements	IMS2	Rel-6	CN1		APPROVED
NP-040289	9.22	TS	Diameter applications 3GPP TS 29.230 v2.0.0 for information and approval		Rel-6	CN4	29.230	APPROVED
NP-040290	5.3	LS OUT	LS to ITU-T on the Rel-6 list			CN		APPROVED
NP-040291	12	WORK PLAN	Latest version of 3GPP Workplan			MCC, Alain Sultan		NOTED
NP-040292	12	WORK PLAN	Latest version of 3GPP Workplan (SLIDES)			MCC, Alain Sultan		NOTED



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## History

Document History	
UP to 3 <sup>rd</sup> June 2004	DRAFT v001, 002, distributed in meeting. v002 send to TSG CN Officials for comments
7 <sup>th</sup> June 2004	DRAFT v0.0.3 Presented to TSG-SA#24
Xx June 2004	<p>DRAFT v1.0.0 placed to meeting server and dispatched to the TSG-CN mail exploder for comments.</p> <p>Comments to be addressed to:</p> <p>Mr. David Boswarthick, 3GPP TSG CN MCC Support MCC - ETSI Secrétariat Tel :+33 (0)4 92 94 42 78 E-mail: <a href="mailto:david.boswarthick@ETSI.org">david.boswarthick@ETSI.org</a></p> <p>A deadline of 2 weeks was given to the CN delegates for e-mail comments on the draft report.</p> <p><b>E-mail comments back by xx June 2004</b></p>
<i>Xx June 2004</i>	<i>Version incorporating comments placed to FTP server</i>
<i>Sept 2004</i>	<i>Final v2.0.0 approved at TSG#25 Meeting – Made version 3.0.0 and placed to server as the official meeting report.</i>

**SP-040413:** [CN#24 Draft report](#)

**SP-040414:** [CN Chairman's Report \(Slides\)](#)

**SP-040415:** [IETF Status Report](#)

**SP-040416:** [LS on Input to Q.1741.4 \[NP-040290\]](#)