SP-050151

DRAFT

Third Generation Partnership Project

<mark>DRAFT</mark> **MEETING REPORT v1.1.0**
3GPP TSG-CN#27

Tokyo, Japan.
9th - 11th March, 2005

Hosted by:

Japanese Friends of 3GPP

CN Officials:

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

Vice-Chairman: **Iain Sharp, Nortel.** isharp@nortelnetworks.com

Vice-Chairman: **Kunihiko Taya, NEC** taya@t-modus.nec.co.uk

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

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CN Chairman's Executive Summary

Several exceptions were approved requesting extensions until June 2005. These exceptions are:

NP-050042 – Completion of GUP
NP-050046 – Completion of Mn profile work
NP-050087 – Complete redial solution for voice video switching
NP-050089 – Extension for IMS2 to deal with SIP-ALG issues
NP-050104 – Network Initiated SCUDIF upgrade
NP-050124 – ROHC in MBMS
NP-050138 – Inclusion of Handover for Conversational Services in A/Gb mode via the PS Domain
NP-050143 – Support of Pp,Pr,Wx and authorization information update procedure in Wa,Wm reference points
NP-050144 – IMS support in I-WLAN

The WGs must complete all CRs for the delayed functionality by the end of April or the functionality will be moved to Rel 7.

In addition, the chair will request guidance from SA as to whether an extension should be requested for MBMS trace. The deadlock between CN1/SA3 and RAN2 over reauthentication and keyset change during handover will be raised to SA for a decision.

Many of the outstanding issues from previously granted exceptions have now been completed including:
 – Flow Based Charging (Rx interface not complete)
 – IMS Phase 2 (Conferencing, Messaging, IMS) Note: conferencing scope reduced and still many outstanding
     IETF dependencies
 – OSA 3 (Completion of stage 2)
 – Presence (IETF Dependencies, Pk interface) Note: still many outstanding IETF dependencies
 - TEI (Domain Specific Access Class Barring not complete)
 - WLAN Interworking (Mechanism for manual PLMN selection)

Four new specifications were approved and 3 new and revised work items were approved. These are listed in Annex A.

This was the final meeting of CN before the merger with T to create CT. Elections were held for the new CT officials with the following results: Chair: Hannu Hietalahti, Vice-chairs: Akishige NODA, Gary Jones, Steve Mecrow.

Finally, since this is my last CN report I would like to take this opportunity to thank my MCC support: David Boswarthick, the CN vice chairs: Iain Sharp and Kunihiko Taya, the WG officials, WG MC support and all the delegates. CN has had a very productive 6 years and I have been very proud to be a part of the process. The new leadership for CT is in place and under this capable team, I fully expect the excellent legacy of CN to continue into the future.

1   Opening of the meeting

Mr Yasuo Maruyama representing TTC welcomed the delegates to Tokyo 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. Kunihiko Taya (Vice-Chair, NEC), and Mr. David Boswarthick (CN Secretary, MCC).

2   Approval of the agenda

NP-040001   **Draft agenda for CN #27 meeting, MCC. APPROVED.**

NP-050002   **Allocation of documents to agenda items (at tdoc deadline), CN vice-chairman. NOTED.**

NP-050003   **Allocation of documents to agenda items (start of day 1), CN vice-chairman. NOTED.**

NP-050126   **Allocation of documents to agenda items (start of day 1bis), CN vice-chairman. NOTED.**

NP-050004   **Allocation of documents to agenda items (end of day 1), CN vice-chairman. NOTED.**

NP-050005   **Allocation of documents to agenda items (end of day 2), CN vice-chairman. NOTED.**

NP-050006   **Allocation of documents to agenda items (end of day 3), CN vice-chairman. NOTED.**

3   IPR declarations

Reminder for IPR declaration

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

> The attention of the members of this Technical Specification Group is drawn to the fact **that 3GPP Individual Members have the obligation** under the IPR Policies of their respective Organizational Partners to **inform their respective** Organizational Partners **of Essential IPRs they become aware of**.
>
> The members take note that they are hereby invited:
> - to investigate in their company whether their company does own IPRs which are, or are likely to become Essential in respect of the work of the Technical Specification Group.
> - to notify the Director-General, or the Chairman of their **respective** Organizational Partners, of all potential IPRs that their company may own, by means of the IPR Statement and the Licensing declaration forms (e.g. see the ETSI IPR forms http://webapp.etsi.org/Ipr/).

4   Meeting Reports

4.1   Report from CN#26Meeting

NP-050007   Draft report from CN#26 meeting, MCC.
Discussions: Ericsson provided some comments offline and the report was revised to reflect these comments.
Status: **REVISED to 0128.**

⇓ **REVISED** ⇓

NP-050128   Draft report from CN#26 meeting, MCC.
Status: **APPROVED**

4.2   Reports from other groups

No Input to this agenda item.

4.3   IETF coordination report

NP-050120   IETF coordination report, CN Chair.
Content: Contains the latest status of IETF dependencies.
Status: **NOTED.**

5 Incoming liaisons

5.1 LS Moved to other Sections

5.2 LS Treated under the main Agenda Item

NP-050016 **Reply to TISPAN on Workshop on "IMS over Fixed Access" [SP-040929] SA. NOTED.**

NP-050010 **About the Workshop on "IMS over Fixed Access" (30-31 March 2005) [05TD266r2], TISPAN.**
Content: An LS from ETSI TISPAN on the arrangements for the joint workshop between 3GPP and TISPAN.
Status: **NOTED.**

NP-050015 **Re. LS on the Workshop on "IMS over Fixed Access" (30th – 31st March 2005) [S2-050504] SA2.**
Content: In this LS, SA2 analyse the agenda items and identify which groups within 3GPP as well as GSM IREG have some work to do on each work area
Status: **NOTED.**

NP-050011 **LS from Q.1/19 to SDOs [COM19-LS004], ITU-SG19.**
Content: SG 19 (Q.1/19) has started the development of a draft new recommendation Q.FNAB (Functional Network Architecture for Systems Beyond IMT-2000) in its role as the lead study group of ITU-T on mobile telecommunication networks and for mobility. The scope is to provide a long-term high-level network architecture for systems beyond IMT-2000, including definition of functional entities (FEs), allocation of functional capabilities to FEs, and interfaces models among FEs for systems around the year 2010, based on the forward looking perspectives captured in ITU-R Recommendation M.1645 and ITU-T Recommendation Q.1702.
It should be noted that we will be working closely with the ITU-T NGN work coordinated by SG 13 and involving multiple study groups across ITU-T as part of an overall thrust to provide a suite of coherent and consistent Recommendations. These will include mobility as a key dimension in recognition of the fact that the majority of subscribers globally are mobile subscribers, and also recognizing the rapidly increase in mobile Internet infrastructure and other related demands.
SG 19 would like to invite you to input your documents related to architecture studies on systems beyond IMT-2000 so that we may take them into account as we progress our studies.
Discussion: The individual members are invited to contribute directly to the ITU on this issue.
Status: **NOTED.**

NP-050017 **LS on Application-ID values [T2-050030], T2.**
Discussion: Has no impacts on CNs work
Status: **NOTED.**

NP-050136 **LS on Proposal for the development of a contribution for ITU-R WP8F on IP solutions [T2-050030], T2.**
Discussion: The LS was seen in RAN and contains a request to provide input to the ITU-R on IP over mobile systems. ITU-R ad hoc will send the output of it's discussions of to the concerned CT WGs.
Status: **NOTED.**

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

6.1 Reporting from TSG-CN WG1

6.1.1 Status report from CN1

NP-050058 **CN1 Status Report to CN Plenary, CN1 Chairman.**
Discussion: Ericsson clarified that the MBMS work is NOT complete in CN1, and an extension request sheet has been provided by Ericsson in NP-050128.

RIM hi-lighted that the management object values fields cannot be changed over the air. These may be read but cannot be programmed.

In the Mo TS, the latest version is for the reading for private identities and not necessarily writing them.

CN1 chair raised a question on how to complete CRs with relations to the impacted areas. Do CN CRs need to reflect impacts in the access network or the UE?

CN1 requested guidance on when the check boxes for systems affected should be ticked in a CR. CN guidance was that we should tick the boxes only for the systems directly affected by the CR in question and not include the knock on affects from other CRs.

Status: **NOTED.**

NP-050059   **CN1#37 Draft Meeting report, MCC. NOTED.**

NP-050060   **LSs sent from CN1 since CN#26, CN1. NOTED.**

6.1.2 Questions for advice and decisions from CN1

NP-050090   **Misalignment amongst the 3GPP specifications, "Re-authentication and key set change during inter-system handover"[N1-050270] CN1**

Content: A year ago, at CN1#33 meeting in February 2004, a misalignment amongst the 3GPP specifications on handling of key sets from R99 between the terminal and the network was identified. At that meeting, CN1 concluded that the inter-system handover from GERAN to UMTS procedures after re-authentication (i.e. 'late AKA') would always fail, if the handover occurred before the new keys were taken into use. Since CN1 was of the opinion that a re-authentication in the CS domain may be a rare event in R99 and also to avoid creating problems for the existing R99 mobiles, corrections in Rel-5 and onwards were judged to be sufficient.

CN1 requests SA to provide a way forward on this issue. Either RAN2 shall align their specification with SA3 and CN1 from Rel-5 onwards, or CRs must be produced to revert the already plenary approved CRs by SA3 and CN1, and accepting the flaw in the system that the inter-system handover from GERAN to UMTS procedures after re-authentication would always fail, if the handover occurred before the new keys were taken into use.

Discussion: CN has no action on this issue. TSG_SA are asked to take action.
Status: **NOTED.**

NP-050092   **LS on status of 3GPP IMS management object [N1-050416], CN1.**

Content: CN1 would like to inform OMA and 3GPP2 that it has now completed its work on TS 24.167, the technical specification for the 3GPP IMS management object and will present it to TSG CN for approval and inclusion in 3GPP release 6 as version 6.0.0 at the March 2005 TSG CN meeting. CN1 would also like to inform OMA that 3GPP has documented as part of the work on early IMS security how the private user identity, public user identity and home network domain name are obtained when using a 2G SIM.

OMA PAG, OMA POC and OMA DM are invited to comment back to CN1 any issues, concerns or additional requirements they may have for the IMS MO.

Status: **NOTED.**

6.2   VOID.

6.3   Reporting from TSG-CN WG3

6.3.1 Status report from CN3

NP-050095   **Status Report for TSG CN WG3, CN3 Chair.**

Discussion: The Rx interface was shown as 95% complete. As CN3 have not identified the specific areas than need further work, this should be reported as 100%.

Tracing for MBMS is not planned for Rel-6 unless TSG_SA specifically instruct that it is to be included in Rel-6

Status: **NOTED.**

NP-050096   **CN3#35 Meeting Report, MCC. NOTED.**

NP-050097   **All LSs sent from CN3 since TSG CN#26 Meeting, MCC. NOTED.**

NP-050093   **LS on network-initiated SCUDIF support [N3-050151], CN3.**
Content: CN3 would like to inform RAN3 that CN3 agreed in principle to use the enhanced RANAP signalling, as proposed by RAN3, as trigger for the network-initiated downgrade from multimedia to speech when degrading resources or radio conditions require such a change. CN3 will endeavour to agree the corresponding CR during their present meeting CN3#35.

                 However, CN3 did not yet agree a solution for a network-initiated upgrade from speech to multimedia. CN3 anticipates that this issue can not be finalised before the next TSG plenaries.

                 CN3 therefore asks RAN3 to approve CRs implementing only the part of their proposal for network-initiated SCUDIF support that relates to a downgrade to an alternate configuration with lower bandwidth requirements.
Status   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-050025   **Status Report for TSG CN WG4, CN4 Chair.**
Status: **NOTED.**

NP-050026   **CN4#26 Meeting Report, MCC. NOTED.**

NP-050027   **All LSs sent from CN4 since TSG CN#26 Meeting, MCC. 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-050018   **Status Report for TSG CN WG5, CN5.**
Status: **NOTED.**

NP-050019   **CN5#30 Meeting Report, CN5. NOTED.**

NP-050024   **All LSs sent from CN5 since TSG CN#26 Meeting, CN5. NOTED.**

6.5.2 Questions for advice and decisions from CN5
NP-050014   **LS on OSA Stage 2 - A cross-releases Overview [S2-050351], SA2.**
Content: SA2 will propose to the next TSG SA#27 to withdraw TS 23.127 from Release 6 provided that the TS 23.198 has been submitted to and approved by TSG CN#27 as part of Release 6.

Discussion: CN5 are presenting 23.198 to this CN meeting for approval. CN need to report to SA that this CN5 TS has been approved.
Status: **NOTED.**

6.6 Status ITU-T ad hoc group

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]
NP-050028   CRs to Rel-4 on Work Item OoBTC, CN4.
Status: APPROVED.

7.8 Enable bearer independent CS architecture [CSSPLIT]

7.9 Multicall
No Input to this agenda item.

7.10 OSA Enhancements [OSA1]

7.11 Small Technical Enhancements & Improvements [TEI]
NP-050029   CRs to Rel-4 on Work Item small Technical Enhancements and Improvements, CN4.
Discussion: Motorola raised some concerns with changes not being marked in the CRs 118, 119 and 120. Various changes are not shown / marked.
Once CR changes the table, one CR enhances the table. Motorola objected to having a merged CR (changes on top of anticipated changes). Proposed to take the confusing CRs and revise them into new CR(s).
All CRs except 118-119-120 are APPROVED. CRs 118-119-120 are revised in NP-050129
Upon reviewing NP-050129 it was found that CRs 96-97-98 also need to be merged. (see NP-050133)
Status: PART APPROVED.

NP-050129   Merged CRs to Rel-4 on Work Item small Technical Enhancements and Improvements, CN4.
Discussion: CRs 96, 97, 98 in addition to CRs 118, 119, 120, need to be merged

Status: **REVISED to 0133.**

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NP-050133 **Merged CRs to Rel-4 on Work Item small Technical Enhancements and Improvements, CN4.**
Status: **APPROVED.**

7.12 Any Other pre-Release 5 WI [TEI]

NP-050067 **CRs to R99 WI "ASCI", CN1.**
Status: **APPROVED.**

NP-050098 **CRs to Rel-4 on Work Item "Circuit Switched Data Bearer Services", CN3.**
Status: **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-050030 CRs to Rel-5 on Work Item IP-based multimedia services Cx-/Dx-interface, CN4.
Status: APPROVED.

NP-050031 CRs to Rel-5 on Work Item IP-based multimedia services Sh-interface, CN4.
Status: NOTED.

NP-050069 CRs on Rel-5 WI "IMS-CCR" for TS 24.229, 24.228 and 23.218, CN1.
Discussion: Motorola questioned the correct version being used for one CR. It was clarified that the version is not the latest, however the text around the change is the same and the CR is implementable.
Status: APPROVED.

8.2 OSA enhancements [OSA2]

8.3 CAMEL Phase 4 [CAMEL4]

NP-050032 CRs to Rel-5 on Work Item EDCamel, CN4.
Status: APPROVED.

8.4 Location Service Enhancements [LCS1]

No Input to this agenda item.

8.5 End to End QoS [E2EQoS]

8.6 Security enhancements [SEC1]

No Input to this agenda item.

8.7 Service Change and UDI Fallback [SCUDIF]

NP-050068 CRs for Rel-5 WI "SCUDIF", CN1.
Status: APPROVED.

NP-050100 CRs to Rel-5 (with mirror CR) on Work Item "Service Change and UDI Fallback", CN3.
Status: APPROVED.

8.8 Technical Enhancements and Improvements [TEI5]

NP-050033 CRs to Rel-5 on Work Item small Technical Enhancements and Improvements on GPRS, CN4.
Status: APPROVED.

NP-050034 CRs to Rel-5 on Work Item small Technical Enhancements and Improvements on OoBTC, CN4.
Status: APPROVED.

NP-050035 CRs to Rel-5 on Work Item small Technical Enhancements and Improvements, CN4.
Status: WITHDRAWN.

8.9 Any other Rel-5 WI

NP-050036 CRs to Rel-5 on Work Item small Technical Enhancements and Improvements on Mc-Interface, CN4.
Status: **APPROVED.**

NP-050099 CRs to Rel-5 (with mirror CR) on Work Item "Circuit Switched Data Bearer Services", CN3.
Discussion: Mirror CRs are not CAT A's as they have additional changes (for A-TRAU').
Status: **APPROVED.**

9 Release 6

9.1 IMS Phase 2 [IMS]

NP-050013 **Re. LS on IP multimedia group management and messaging capabilities [S1-050159], SA1.**
Content: TSG SA WG1 has considered the LS from CN1 and provided the following responses to the issues raised:

1. Group management: TSG SA WG1 discussed whether a more appropriate documentation structure could be achieved by moving group management stage 1 requirements to 3GPP TS 22.141, 3GPP TS 22.228 and 3GPP TS 22.340 respectively. It was not clear what confusion the current structure actually causes and it was decided, that due to the amount of work involved, it would not be possible to restructure the Stage 1 specifications.

2. Is composing: TSG SA WG1 noted that the requirement;

'It shall be possible for a subscriber in an IMS Messaging session to request and to receive an indication of when user is entering a message ("Is typing"). This request may apply to a specific user or users in the same session. Subject to privacy requirements, the corresponding indications will identify the persons who are entering a message.' has been in TS 22.340 for some time and it was decided that the requirement is still valid.

3. list management and distribution: As with point 2 it was decided that the requirement: "In messaging the server may be able to distribute the messages to several recipients based on the delivery list. The content of the delivery list can be managed with IMS group management." is still valid and should not be removed from the Stage 1 specifications.

As far as points 2 and 3 are concerned, it is TSG SA WG1's understanding that the companies who inserted the original requirement have the responsibility to provide the necessary inputs to the CN WGs to complete the process, and therefore companies were encouraged to make the necessary contributions to finalise the work. However, if no contributions are forthcoming TSG SA WG1 understands that the requirements will not be met within the Release 6 timescale.

TSG SA WG1 asks TSG CN and TSG CN WG1 to note the information contained in this liaison statement and to inform TSG SA WG1 if the requirements highlighted in this liaison statement can not be met within the Release 6 timescale.

Discussion: Reply from CN1 is in NP-05091
Status: **NOTED.**

NP-050091 **Reply LS on IP multimedia messaging capabilities [N1-050277] CN1.**
Discussion: CN1 indicates it's intention to comply with NP-050036. Related CRs are in NP-050075
Status: **NOTED.**

NP-050037 **CRs to Rel-6 on Work Item IP-based multimedia services Cx-/Dx-interface, CN4.**
Status: **APPROVED.**

NP-050038 **CRs to Rel-6 on Work Item IP-based multimedia services Sh-interface, CN4.**
Status: **APPROVED.**

NP-050039 **CRs to Rel-6 on Work Item IP-based multimedia services on Diameter Coordination, CN4.**
Status: **APPROVED.**

NP-050066 **TS 24.167v2.0.0: 3GPP IMS Management object (MO);Stage 3, CN1.**
Status: **APPROVED.**

NP-050072 **CR on Rel-6 WI "IMS2" for TS 24.229, CN1.**
Discussion: These CRs are required to remove the elements that are not achievable for Rel-6. A new WID (source Lucent) would need to be approved for similar and additional work in Rel-7. The WID is contained in NP-050064. Lucent had concerns about removing some elements of the capabilities without fist agreeing to develop this in Rel-7. CN did not accept the condition of acceptance of the WID for approval of this CR but when the work starts in Rel-7, providing the WID is accepted, then the basis for the work shall be the already agreed CN1 text in the current version of the TS prior to the removal of the text by this CR.
Status: **APPROVED.**

NP-050073 **CRs on Rel-6 WI "IMS2" for TS 24.229, 23.218, 24.247, 24,147 and 24.141, CN1.**

Discussion: Two CRs [N1-050326 and N1-050066] have been replaced by a merged CR contained in NP-050127. All CRs approved apart from N1-050326 and N1-050066 are APPROVED.
Status: **PART APPROVED.**

NP-050127 **Combined CR on Rel-6 WI "IMS2" for TS 24.229,, CN1.**
Discussion: Replaces N1-050326 and N1-050066 from NP-050073.
Status: **APPROVED.**

NP-050074 **CRs on Rel-6 WI "IMS2" for TS 24.229, CN1.**
Status: **APPROVED.**

NP-050075 **CRs on Rel-6 WI "IMS2" for TS 24.229 and 24.247, CN1.**
Discussion: Regarding the CR in N1-050395, this aligns with the stage 2 requirement. There is currently a mismatch between the stage 1 and stage 2 requirements and the CN chair will highlight this to SA.
Status: **APPROVED.**

NP-050089 **Rel-6 Exception Request Form for Extensions to SIP capabilities, CN1.**
Content: Asks for an extension due to Specification of interworking with other SIP networks using ALG.
Status: **APPROVED.**

9.2   Support of Presence Capability [PRESNC]

NP-050078 **CRs on Rel-6 WI "PRESNC" for TS 24.141 and 24.229, CN1.**
Status: **APPROVED**

NP-050107 **CR to Rel-6 on Work Item "Support of the Presence service in core networks signalling protocols", CN3.**
Status: **APPROVED.**

9.3   Security Enhancements[SEC1]

NP-050040 **CR to Rel-6 on MAP Security, CN4.**
Discussion: Related CR needs to be approved in SA#27.
Status: **APPROVED (Conditionally).**

NP-050041 **CRs to Rel-6 on Subscriber Certificates, CN4.**
Discussion: Motorola noticed that CRs 11,12 and 14 all change figure 1, bit the changes are not the same. After some background research it was found that the CRs could be approved. 29.109R1 CR 14 is conditionally approved dependent on SA3 CR to 33.220
Status: **APPROVED.**

NP-050081 **CRs on Rel-6 WI "SEC1-SC" for TS 24.109, CN1.**
Discussion: Related SA3 CR needs to be approved in SA#27. CN1 CR needs to be revised to include the SA3 CR number.
Status: **REVISED to 0130**

   ⇓ REVISED ⇓

NP-050130 **CRs on Rel-6 WI "SEC1-SC" for TS 24.109, CN1.**
Discussion: Conditionally approved. The Related SA3 CR needs to be approved in SA#27.
Status: **APPROVED (Conditionally).**

NP-050082 **CR on Rel-6 WI SEC1-SC for TS 24.109, CN1.**
Status: **APPROVED.**

9.4   Emergency Call Enhancements [EMC1]

9.5   Speech Recognition and Speech Enabled Services[SRSES]

No Input to this agenda item.

9.6   Generic User Profile [GUP]

NP-050042   Form for exception on GUP for Rel-6, CN4.
Status: APPROVED.

NP-050043   3GPP TS 29.240 Generic User Profile v2.0.0 for approval, CN4.
Status: APPROVED.

9.7   OSA Enhancements [OSA3]

NP-050020   Rel-6 CR 29.198-03 OSA API Framework:. Add TpServiceTypeName for Multimedia Messaging SCF, CN5.
Status: APPROVED.

NP-050021   6 Rel-6 CRs 29.199-xy OSA Parlay X Web Services, CN5.
Status: APPROVED.

NP-050022   Rel-6 Draft TS 23.198 v200 (OSA Stage 2) – for Approval, CN5.
Discussion: Sections 3.1 and 3.2, reference should be 21.905
Status: REVISED to 0131.

⇓ **REVISED** ⇓

NP-050131   Rel-6 Draft TS 23.198 v200 (OSA Stage 2) – for Approval, CN5.
Status: APPROVED.

9.8   Multimedia Broadcast and Multicast Service [MBMS]

NP-050044   CRs to Rel-6 on Work Item Multimedia Broadcast and Multicast Service, CN4.
Status: APPROVED.

NP-050070   CRs on Rel-6 WI "MBMS" for TS 24.008, CN1.
Status: APPROVED.

NP-050071   CRs on Rel-6 WI "MBMS, TEI6" for TS 24.008, CN1.
Status: APPROVED.

NP-050108   CRs to Rel-6 on Work Item "MBMS", CN3.
Status: APPROVED.

NP-050124   Exception Request Form for late inclusion of Robust header Compression (RoHC) support for MBMS in Rel-6, Ericsson.
Status: APPROVED.

9.9   IMS Messaging [IMSM]

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

No Input to this agenda item.

9.11   Interworking IMS<->IP

9.12   Interworking IMS<->CS

NP-050105   CR to Rel-6 on Work Item "IMS", CN3.
Status: APPROVED.

9.13 CAMEL Phase 4 Enhancements [EDCAMEL]

No input to this agenda item

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-050045　　**CRs to Rel-6 on Mn-interface, CN4.**
Status:　　　**APPROVED.**

NP-050046　　**Form for exception on Mn-interface for Rel-6.**
Status:　　　**APPROVED.**

NP-050094　　**LS on Cooperation with TISPAN NGN for IMS-CS MGW protocol [N4-050466] CN4.**
Content:　　Although a Liaison Statement was sent to TISPAN from 3GPP CN3 with regards to the support of 3GPP with respect to supplementary services requirements from TISPAN no information was relayed regarding the H.248 profile development in 3GPP CN WG4 for the MGW control interface (Mn) which interworks between IMS user plane and external CS network user planes (BICC, ISUP).

It has been observed by some delegates that work ongoing in ETSI TISPAN for a Trunking Gateway profile may have synergies to the 3GPP Mn profile. At the current CN4 meeting (#26) CN4 has agreed to register a formal profile name with IANA for this H.248 profile. This work in 3GPP is still ongoing and an extension within 3GPP Rel6 timeframe has been requested to add the formal profile template as defined in H.248.1 v2 into this specification – based on the input document (N4-050239), which is attached.

CN4 would like to inform ETSI TISPAN that we are prepared to consider ETSI TISPAN requirements in the development of our Mn profile in order to make the profile future compatible with NGN applications, provided they can be incorporated in time in the Rel6 version and do not contradict the requirements defined for the IMS-CS interworking as defined in TS 29.163.

3GPP CN4 invites ETSI TISPAN to inform 3GPP of any additional requirements they have on the Mn profile that they would need for this profile to be suitable as their Trunking Gateway profile.

Discussion:　this is consistent with the exception form in NP-050046.
Status:　　　**NOTED.**

9.17 WLAN [WLAN]

NP-050012　　**Re. LS to LS on "Reservation of two new sub domains under '.3gppnetwork.org'" from 3GPP TSG CN [IREG48_035 Rev 1] GSMA IREG**
Content:　　GSMA IREG kindly requests all 3GPP plenary and working groups addressed in this LS to note the following:
- GSMA IREG can now accept the reservation of the requested sub domain of "3gppnetwork.org" but with the proposed modified name change (see above).
- GSMA IREG be requested for approval for further uses of this sub domain in addition to the use currently being proposed in 3GPP I WLAN work item so that the stability and integrity of the GRX can be maintained.

GSMA IREG kindly requests 3GPP TSG CN specifically to inform GSMA IREG if/when the proposed sub domain (with the proposed modification to the naming) is approved so that GSMA IREG can set about updating their documentation set.

Discussion:　CRs contained in 0047.
Status:　　　**NOTED.**

NP-050047　　**CRs to Rel-6 on WLAN, CN4.**
Status:　　　**APPROVED.**

NP-050048　　**Form for exception on WLAN for Rel-6, CN4.**

Discussion   Some question over the estimated completion time (June or Sept 2005). The solution for the Pp interface will not be straight forward. CN4 would like to be given the opportunity to investigate further the work required for Rel-6. Capacity impacts should also be studied.

Proposed to allow CN4 until the next CT plenary (June) in order to complete this work. There were some concerns about having an exception until September 2005. If CN4 cannot complete the work to at least 100% by the CN4 meeting in April 2005, it should be moved to Rel-7. SA2 would also need to remove the stage 2 interfaces. CN4 will inform SA2 directly.

The exception form was updated to reflect this condition for the inclusion of these WLAN elements in Rel-6.

This is also the case for the CN3 work. Pk and Pp interfaces need to be identical or very similar

Status: **REVISED to 0132.**

⇓ **REVISED** ⇓

NP-050132   **Form for exception on WLAN for Rel-6, CN4.**
Discussion   Completion date should be end of April (not June)
Status: **REVISED to 0143.**

⇓ **REVISED** ⇓

NP-050143   **Form for exception on WLAN for Rel-6, CN4.**
Status: **APPROVED.**

NP-050079   **CRs on Rel-6 WI "WLAN" for TS 24.234, CN1.**
Status: **APPROVED.**

NP-050080   **CR on Rel-6 WI "WLAN-IW" for TS 24.234, CN1.**
Status: **APPROVED.**

NP-050117   **CR on Fallback to full authentication for TS 24.234, CN1.**
Status: **REVISED to 0115.**

⇓ **REVISED** ⇓

NP-050115   **Fallback to full authentication, Ericsson, Nokia.**
Status: **APPROVED.**

NP-050125   **Release 6 Exception Notice for WLAN, Lucent Technologies, Cingular.**
Content: IMS stage 3 SIP messaging protocol. For WLAN access to IMS, it is necessary to have an equivalent in TS 24.229 to annex B which describes at least:
– any tunnel requirements specific for access to IMS
– P-CSCF discovery
– WLAN specific coding rules for the P-Access-Network-Info header, remembering that we have procedures in 5.2 that are dependent on the contents in order to determine emergency call usage.
– coding for the access-network-charging-info parameter within the P-Charging-Vector header
Discussion: CN1 Chair clarified that these are not controversial issues, but they have not been addressed due to lack of contributions.
Lucent propose completing these issues with the assistance of email discussions.
Ericsson informed that there are SA1 CRs coming to SA plenary that clarify the stage 1 for IMS accessed by WLAN, (one for Rel-6, one for Rel-7). These CRs clean up a forgotten requirement to have IMS accessed by WLAN. The SA2 architecture already supports the access of IMS using WLAN. This exception request is dependent upon these SA1 CRs.
The CN chair will ask a pointed question to SA, as to whether or not the IMS via WLAN requirement is a part of Rel-6. This exception notice is approved only on the condition that SA confirms the requirement is for Rel-6.
CN decided that this work must be completed by June 2005. If this is not possible, then this work will be pushed to Rel-7.
The exception notice was revised to remove the references to ANNEX B, and include a specific list of items for the work CN1 must do.
Status: **REVISED to 0134.**

⇓ **REVISED** ⇓

NP-050134 **Release 6 Exception Notice for WLAN, Lucent Technologies, Cingular.**
Discussion: Remove change marks, and correct type error.
Status: **REVISED to 0144.**

⇓ REVISED ⇓

NP-050144 **Release 6 Exception Notice for WLAN, Lucent Technologies, Cingular.**
Status: **APPROVED.**

9.18 Location Service Enhancements [LCS2]

NP-050049 **CRs to Rel-6 on Location Services, CN4.**
Discussion: CR022 is actually Rev2 - MCC need to ensure CR dbase is up to date.
Status: **APPROVED.**

9.19 Network Sharing [NTShar]

NP-050050 **CR to Rel-6 on Network Sharing, CN4.**
Status: **APPROVED.**

9.20 QoS improvements [QoS1]

NP-050106 **CRs to Rel-6 on Work Item "QoS1" (Gq interface), CN3.**
Status: **APPROVED.**

9.21 Small Technical Enhancements and Improvements [TEI6]

NP-050051 **CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on Camel, CN4.**
Discussion: One CR was previously approved but not implemented. This needs to be high lighted in the CR dBase with the addition of a NOTE. MCC will see this is done. The CR can be considered as a mis-implemented CR, so revising it to Rev1 is the correct procedure.
Status: **APPROVED.**

NP-050052 **CR to Rel-6 on Work Item small Technical Enhancements and Improvements on GPRS, CN4.**
Discussion: One CR (0429) is missing from the package. This CR is placed in NP-050135. The other 8 CRs in the package are approved.
Status: **APPROVED.**

NP-050135 **One CR to Rel-6 on Work Item small Technical Enhancements and Improvements on GPRS, CN4.**
Status: **APPROVED.**

NP-050053 **CR to Rel-6 on Work Item small Technical Enhancements and Improvements on OoBTC, CN4.**
Status: **APPROVED.**

NP-050054 **CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on MAP, CN4.**
Status: **APPROVED.**

NP-050055 **CR to Rel-6 on Work Item small Technical Enhancements and Improvements on Mc-interface, CN4.**
Status: **APPROVED.**

NP-050056 **CR to Rel-6 on Work Item small Technical Enhancements and Improvements on TEI6, CN4.**
Status: **APPROVED.**

NP-050076 **CRs to 24.008, 43.068, 43.069, CN1.**
Status: **APPROVED.**

NP-050077 **CR to Rel-6 WI "TEI6" for TS 24.008, CN1.**

Discussion: SA1 have sent a related LS, but it is not certain if the Stage 1 has been updated to align the service requirements with the Stage 3. SA1 have agreed that this solution is the correct way forward. Ericsson believes that this is the wrong TS in which the stage 3 needs to be defined. User control and operator control lists are not usually mentioned in 24.008, and should be included in TS 23.122. Only Ericsson objected to the CR. Lucent objected to Ericsson delaying the work and suggested the CR should be approved in CN. As it is optional, and as CN1 who are the experts in this domain have agreed to this technical change, it was decided to approve the CR.

Ericsson agreed to accept this CR. however if Ericsson can improve the documentation of this solution then this can be approved at the next CT meeting. The door is left open for improvements in the way this solution is documented. It was also agreed to send a LS to SA1 (NP-050137) requesting that they confirm the details of the CR.

Status: **APPROVED.**

NP-050137 **LS to SA1 on LS on GPRS Network Selection, TSG_CN.**
Content: TSG-CN/TSG CT kindly requests TSG-SA WG1 to review the attached CR#957 to 24.008 and confirm that relevant service requirements exists in the appropriate TSG-SA WG1 Rel-6 stage-1 specification, e.g. 3GPP TS 22.011.
Status: **APPROVED.**

NP-050101 **CR related to SCUDIF on Work Item TEI-6, CN3.**
Status: **APPROVED.**

NP-050102 **CR to TS29.061 on Work Item TEI-6, CN3.**
Status: **APPROVED.**

NP-050104 **Extension Request for SCUDIF, CN3.**
Status: **APPROVED.**

NP-050116 **Network initiated SCUDIF in Rel6 Nokia, T-mobile.**
Status: **REVISED to 0119 before presentation.**

⇓ **REVISED** ⇓

NP-050119 **Network initiated SCUDIF in Rel6 Nokia, T-mobile, Siemens and Orange.**
Content: This document presents the end user aspect of SCUDIF, that all users with SCUDIF capable terminals should be able to get similar SCUDIF services. It is also a strong operator interest to have only one SCUDIF terminal release, which would cover all the major SCUDIF needs.

The signaling flow in the Discussion clause above presents a possible solution as an example how the current Rel-5 signaling flows could be optimized for network-initiated upgrade for Rel-6 and still support the Rel-5 SCUDIF terminals.

It is proposed to allow and request the TSG CN WG3 to complete their work for Rel-6 SCUDIF by June 2005 and to encourage the working group to look for a reasonable solution, in order to avoid unnecessary complexity and still to include support for Rel-5 SCUDIF terminals.
Discussion: The requested exception has already been granted, however it is up to CN4 to analyse the technical solution. It was noted that there are also impacts on RAN WGs. An exception notice may need to be raised in RAN.

This contribution needs to be seen in CN3 also.
Status: **NOTED.**

9.22 Any otherRel-6 WI

NP-050057 **CR to Rel-6 on Trace management CN4.**
Status: **APPROVED.**

NP-050083 **CRs to Rel-6 WI "ACBOP" CN1.**
Status: **APPROVED.**

NP-050084 **CR to Rel-6 WI "OEM-Trace" for TS 29.018 CN1.**
Status: **APPROVED.**

NP-050085 **CR to Rel-6 WI "SCSAGB" for TS 24.008 CN1.**
Status: **APPROVED.**

NP-050087   **Rel-6 Exception Request Form for Circuit Switched Video and Voice Service Improvements (CS_VSS) CN1.**

Discussion: Siemens stated that CRs are required all the way back to R99, and therefore questioned the need for an exception request for Rel-6 only. It was clarified that this is a Rel-6 WI that is not complete so an exception request is required. It was mentioned that the Stage 2 is in a TR and not a TS. CN1 has based it's work on the TR which contains the requirements, but would like to have information from SA2 on how the requirements will be specified in normative text. The CN chair will highlight these concerns to the SA plenary.

Status: APPROVED.

NP-050088   **Rel-6 Exception Request Form for PS-Handover, CN1.**

Discussion: Siemens do not believe it is possible to resolve these issues by June and do not support this exception. The discussions are currently ongoing between CN1 and GERAN. CN agreed that this must be completed by June 2005. If this is not the case then it will be moved to Rel-7. Siemens could accept this June capping. Lucent had similar concerns about the timescales. The request form was revised to include the limitation of work needing to be 100% complete to June 2005. This means that any open issues need to be resolved by the end of April 2005. Also the abstract and contentious issues need to be completed.
NOTE: The end of April is the cut of date for ALL Exception requests presented to this meeting.

Status: REVISED 0138.

⇓ REVISED ⇓

NP-050138   **Rev. Rel-6 Exception Request Form for PS-Handover, CN1.**
Status: APPROVED.

NP-050103   **CRs to Rel-6 on Work Item "End to End QoS" CN3.**
Status: APPROVED.

NP-050109   **CRs to Rel-6 on Work Item "Gx interface for Flow Based Charging" CN3.**
Status: APPROVED.

NP-050110   **CR to Rel-6 on Work Item "Circuit Switched Data Bearer Services" CN3.**
Status: APPROVED.

NP-050112   **CR to Rel-6 Work Item "Rx Reference point specification for flow based charging" CN3.**
Status: WITHDRAWN.

NP-050114   **CR to Rel-6 Work Item "Rx Reference point specification for flow based charging" CN3.**
Status: APPROVED.

NP-050111   **TS 29.211 v2.0.0 Rx interface and Rx/Gx signalling flows (for approval) CN3.**
Status: WITHDRAWN.

NP-050113   **TS 29.211 v2.0.0 Rx interface and Rx/Gx signalling flows (for approval) CN3.**
Status: WITHDRAWN.

NP-050118   **TS 29.211 v2.0.1 Rx interface and Rx/Gx signalling flows (for approval) CN3.**
Content: Replaces NP-050111 and 113.
Discussion: Incorrect references. Also the headers are incorrect
Status: REVISED to 0139.

⇓ REVISED ⇓

NP-050139   **TS 29.211 v2.1. Rx interface and Rx/Gx signalling flows (for approval) CN3.**
Status: APPROVED

10 Release 7

10.1 Any Rel-7 Work Item

NP-050023   **Rel-7 SA1 Draft WID and CR 22.127 (OSA Stage 1) to go for SA March 2005 Approval – for CN Information & endorsement of the WID, CN5.**

Content: This is the SA1 WID that we need to endorse in order for CN5 to continue their work.

Discussion: Lucent feels that CN cannot endorse this WID as the scope is not fully defined and limited to the OSA service brokering. This WID takes the work beyond the present scope of CN5. This is presently being discussed on the CN5 email exploder. A proposal will be made (by Lucent) to TSG_SA to restrict the scope of the WID. CN5 chair argued that the WID only lists the CN5 issues. The contentious issues are outside of the scope for CN5.

CN Chair will highlight the CN position to SA when the WID is presented in TSG_SA. CN would like to see the scope clarified. Also CN consider the control of the WID should be transferred to CN5. It was clarified that the WID does not open the door for making changes to earlier releases.

Status: **NOTED.**

NP-050061   **Updated Trace WID, Rel-7, CN1.**
Status: **APPROVED.**

NP-050062   **Improvements of VGCS in public networks for parallel use of services, CN1.**
Discussion: Add Huawei to supporting companies
Status: **REVISED to 0141.**

⇓ **REVISED** ⇓

NP-050141   **Improvements of VGCS in public networks for parallel use of services, CN1.**
Status: **APPROVED.**

NP-050063   **WID for Combining CS and IMS services & Capability Detection mechanism, CN1.**
Discussion: Estimated completion dates may change depending on when stage 2 work completes.
Status: **APPROVED.**

NP-050064   **New IMS Application WID for Missing Features, CN1.**
Discussion: This WID is still missing two supporting companies, and cannot be approved

A certain amount of work is also being done on this in OMA. 3GPP whilst needing to align with IETF work, we must not duplicate the work being done in OMA.

Status: **Sent BACK to CT1.**

NP-050086   **CR to Rel-7 WI TEI7 for TS 23.122, CN1.**
Status: **APPROVED.**

11 TSG CN organization

Will not be handles in CN - but handheld in the CT meeting to be held on Friday 11th March at 14:00

11.1 ToR

NP-050065   **Updated CN1 Terms of reference, CN1.**
Content: This update does not address the scope of CN1, only some procedural issues.
Status: **APPROVED.**

12 Specifications in TSG-CN domain

NP-050122   Specs per Release, JMM, MCC.
Discussion: Comment are invited offline to JMM.
Status: **N.**

NP-050123   Status list before TSG#27, JMM, MCC.
Discussion: Comment are invited offline to JMM.
Status: **NOTED.**

13 Elections

NP-050121   Elections: a practical guide. NOTED.
Election for CT Chairman Round 1
- HIETALAHTI, Hannu 62%
- SHARPE, Iain 38%
>   As a result of this first round of election Iain Sharpe graciously withdrew from the election.
>   <u>Hannu HIETALAHTI was elected as the new CT Chairman.</u>

Election for CT V. Chairman Round 1 (Mr Mecrow and Mr Jones withdrew from the 1st round of CT v.chair)
- Akishige NODA 94%
- Zhixi WANG 3%
>   <u>Akishige NODA was elected a the new CT V. Chairman.</u>

Election for CT V. Chairman Round 2 (Mr Mecrow and Mr Wang withdrew from the 2nd round of CT v.chair)
>   <u>Gary JONES was elected as a new CT V. Chairman.</u>

Election for CT V. Chairman Round 3 (Mr Wang withdrew from the 3rd round of CT v.chair)
>   <u>Stephen MECROW was elected as a new CT V. Chairman.</u>

14 Review of 3GPP Work Plan

NP-050008   Latest version of 3GPP Workplan MCC, Sultan [TP-040212]. NOTED.
Discussion: CN agreed that the level of approval field can be removed.
            Some placeholders have been created for Rel-7 for WLAN-UMTS interworking, OAMP and GUP.
            The working groups impacted will need to create the corresponding WIDs for Rel-7
Status: **NOTED.**

NP-050009   Latest version of 3GPP Workplan (SLIDES) MCC, Sultan.
Discussion: Comments were received and revisions were made online.
            Slide 56:   IMS_ALG has been extended to June 2005.
            Slide 56:   Although TISPAN requirements are only for Rel-6, there may be some backward
                    compatibility issues. (Includes the Mn interface).
            Slide 56:   Profiling of the protocol to ensure interoperability is for forward compatibility with
                    TISPAN. This has been granted an extension to June 2005.
            Slide 57:   CN1 still need to define header compression for MBMS. This has been granted an
                    extension to June 2005.
            Slide 62:   CN4 work for GUP. This has been granted an extension to June 2005.
            Slide 62:   Data Description Framework has been moved out of Rel-6. May be re-introduced in
                    Rel-7.
            Slide 89:   CN agreed with the conclusions in the document.
            Slide 54:   WLAN for Presence. This has been granted an extension to June 2005.
            Slide 54:   IMS over WLAN has been granted an extension to June 2005.
            Slide 27:   CN1 aspects in TS 24.234 .CRs were Approved at CN#27.
            Slide 21:   Mn interface is not complete- an exception form has been approved.
Status: **REVISED to NP-050142.**

   ⇓ REVISED ⇓

NP-050142   Latest version of 3GPP Workplan (SLIDES) MCC, Sultan. NOTED.

15 Any other business

16 Close of Meeting
The Chairman thanked the host, delegates and MCC for their participation, and closed the meeting at xxx on xxx.

ANNEX A:OUTPUT MATERIAL

A.1 Liaisons Approved

Tdoc	Tdoc Title	LS to	LS cc	LS Attachment
NP-040137	LS on LS on GPRS Network Selection	SA1	CN1	NP-050077

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

Tdoc	Type	Spec	Tdoc Title	Source
NP-040131	TS	23.198	TS 23.198 v2.0.0 (OSA Stage 2)	CN5
NP-040139	TS	29.211	TS 29.211 v2.1.0 Rx interface and Rx/Gx signalling flows	CN3
NP-040043	TS	29.240	TS 29.240 v2.0.0 Generic User Profile	CN4
NP-040066	TS	24.167	TS 24.167 v2.0.0: 3GPP IMS Management object (MO);Stage 3	CN1

A.3 New / Revised Work Items Approved

Tdoc	Tdoc Title	Rel	Source
NP-040141	WID for Improvements of VGCS in public networks for parallel use of services	Rel-7	CN1
NP-040061	Updated WID for Trace Management, stage3, IMS	Rel-7	CN1
NP-040063	WID for Combining CS and IMS services & CapabilityDetection mechanism	Rel-7	CN1

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
23.003	092	2	Rel-6	F	NP-050581	N4-041693	approved	'other realm' format of Decorated NAI	6.4.0	6.5.0	N4	WLAN

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

ANNEX B Tdoc List

Tdoc	Ag.	Type	Tdoc Title	Rel	Source	Spec	Status
NP-050001	2	AGENDA	DRAFT Agenda for CN#27 Meeting		CN Chair		APPROVED
NP-050002	2	DAD	Proposed allocation of documents to agenda items for TSG-CN Plenary Meeting: before meeting		CN V. Chair		NOTED
NP-050003	2	DAD	Proposed allocation of documents to agenda items for TSG-CN Plenary Meeting: start of day 1		CN V. Chair		NOTED
NP-050004	2	DAD	Proposed allocation of documents to agenda items for TSG-CN Plenary Meeting: end of day 1		CN V. Chair		NOTED
NP-050005	2	DAD	Proposed allocation of documents to agenda items for TSG-CN Plenary Meeting: end of day 2		CN V. Chair		NOTED
NP-050006	2	DAD	Proposed allocation of documents to agenda items for TSG-CN Plenary Meeting: end of day 3		CN V. Chair		NOTED
NP-050007	3	REPORT	Draft Meeting Report from CN#26		MCC, DAB		REVISED TO 0128
NP-050008	12	WORK PLAN	Latest version of 3GPP Workplan		MCC, Sultan		NOTED
NP-050009	12	WORK PLAN	Latest version of 3GPP Workplan (SLIDES)		MCC, Sultan		REVISED TO 0142
NP-050010	5	LS IN	About the Workshop on "IMS over Fixed Access" (30-31 March 2005) [05TD266r2]		TISPAN		NOTED
NP-050011	5	LS IN	LS from Q.1/19 to SDOs [COM19-LS004]		ITU-SG19		NOTED
NP-050012	5	LS IN	Re. LS to LS on "Reservation of two new sub domains under '.3gppnetwork.org'" from 3GPP TSG CN [IREG48_035 Rev 1]		GSMA IREG		NOTED
NP-050013	5	LS IN	Re. LS on IP multimedia group management and messaging capabilities [S1-050159]		SA1		NOTED
NP-050014	5	LS IN	LS on OSA Stage 2 - A cross-releases Overview [S2-050351]		SA2		NOTED
NP-050015	5	LS IN	Re. LS on the Workshop on "IMS over Fixed Access" (30th – 31st March 2005) [S2-050504]		SA2		NOTED
NP-050016	5	LS IN	Reply to TISPAN on Workshop on "IMS over Fixed Access" [SP-040929]		SA		NOTED
NP-050017	5	LS IN	LS on Application-ID values [T2-050030]		T2		NOTED
NP-050018	6.5.1	REPORT	Status Report for TSG CN WG5		CN5		NOTED
NP-050019	6.5.1	REPORT	CN5#30 Meeting Report		CN5		NOTED
NP-050020	9.7	CR	Rel-6 CR 29.198-03 OSA API Framework: Add TpServiceTypeName for Multimedia Messaging SCF	Rel-6	CN5		APPROVED
NP-050021	9.7	CR PACK	6 Rel-6 CRs 29.199-xy OSA Parlay X Web Serices	Rel-6	CN5		APPROVED
NP-050022	9.7	TS	Rel-6 Draft TS 23.198 v200 (OSA Stage 2) – for Approval	Rel-6	CN5		REVISED TO 0131
NP-050023	Rel-7 OSA	WID	Rel-7 SA1 Draft WID and CR 22.127 (OSA Stage 1) to go for SA March 2005 Approval – for CN Information & endorsement of the WID	Rel-7	CN5		NOTED
NP-050024	6.5.1	LS PACK	All LSs sent from CN5 since TSG CN#26 Meeting		CN5		NOTED
NP-050025	6.1.4	REPORT	Status Report for TSG CN WG4		CN4 Chair		NOTED

Tdoc	Ag.	Type	Tdoc Title	Rel	Source	Spec	Status
NP-050026	6.1.4	REPORT	CN4#26 Meeting Report		MCC		NOTED
NP-050027	6.1.4	LS PACK	All LSs sent from CN4 since TSG CN#26 Meeting		MCC		NOTED
NP-050028	7.7	CR PACK	CRs to Rel-4 on Work Item OoBTC	Rel-4	CN4		APPROVED
NP-050029	7.11	CR PACK	CRs to Rel-4 on Work Item small Technical Enhancements and Improvements	Rel-4	CN4		PART APPROVED
NP-050030	8.1	CR PACK	CRs to Rel-5 on Work Item IP-based multimedia services Cx-/Dx-interface	Rel-5	CN4		APPROVED
NP-050031	8.1	CR PACK	CRs to Rel-5 on Work Item IP-based multimedia services Sh-interface	Rel-5	CN4		APPROVED
NP-050032	8.3	CR PACK	CRs to Rel-5 on Work Item EDCamel	Rel-5	CN4		APPROVED
NP-050033	8.8	CR PACK	CRs to Rel-5 on Work Item small Technical Enhancements and Improvements on GPRS	Rel-5	CN4		APPROVED
NP-050034	8.8	CR PACK	CRs to Rel-5 on Work Item small Technical Enhancements and Improvements on OoBTC	Rel-5	CN4		APPROVED
NP-050035	8.8	CR PACK	CRs to Rel-5 on Work Item small Technical Enhancements and Improvements	Rel-5	CN4		WITHDRAWN
NP-050036	8.9	CR PACK	CRs to Rel-5 on Work Item small Technical Enhancements and Improvements on Mc-Interface	Rel-5	CN4		APPROVED
NP-050037	9.1	CR PACK	CRs to Rel-6 on Work Item IP-based multimedia services Cx-/Dx-interface	Rel-5	CN4		APPROVED
NP-050038	9.1	CR PACK	CRs to Rel-6 on Work Item IP-based multimedia services Sh-interface	Rel-5	CN4		APPROVED
NP-050039	9.1	CR PACK	CRs to Rel-6 on Work Item IP-based multimedia services on Diameter Coordination	Rel-6	CN4		APPROVED
NP-050040	9.3	CR PACK	CR to Rel-6 on MAP Security	Rel-6	CN4		APPROVED
NP-050041	9.3	CR PACK	CRs to Rel-6 on Subscriber Certificates	Rel-6	CN4		APPROVED
NP-050042	9.6	FORM	Form for exception on GUP for Rel-6	Rel-6	CN4		APPROVED
NP-050043	9.6	TS	3GPP TS 29.240 Generic User Profile v2.0.0 for approval	Rel-6	CN4		APPROVED
NP-050044	9.8	CR PACK	CRs to Rel-6 on Work Item Multimedia Broadcast and Multicast Service	Rel-6	CN4		APPROVED
NP-050045	9.16	CR PACK	CRs to Rel-6 on Mn-interface	Rel-6	CN4		APPROVED
NP-050046	9.16	FORM	Form for exception on Mn-interface for Rel-6				APPROVED
NP-050047	9.17	CR PACK	CRs to Rel-6 on WLAN	Rel-6	CN4		APPROVED
NP-050048	9.17	FORM	Form for exception on WLAN for Rel-6	Rel-6	CN4		REVISED TO 0132
NP-050049	9.18	CR PACK	CRs to Rel-6 on Location Services	Rel-6	CN4		APPROVED

Tdoc	Ag.	Type	Tdoc Title	Rel	Source	Spec	Status
NP-050050	9.19	CR PACK	CR to Rel-6 on Network Sharing	Rel-6	CN4		APPROVED
NP-050051	9.21	CR PACK	CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on Camel	Rel-6	CN4		APPROVED
NP-050052	9.21	CR PACK	CR to Rel-6 on Work Item small Technical Enhancements and Improvements on GPRS	Rel-6	CN4		APPROVED
NP-050053	9.21	CR PACK	CR to Rel-6 on Work Item small Technical Enhancements and Improvements on OoBTC	Rel-6	CN4		APPROVED
NP-050054	9.21	CR PACK	CRs to Rel-6 on Work Item small Technical Enhancements and Improvements on MAP	Rel-6	CN4		APPROVED
NP-050055	9.21	CR PACK	CR to Rel-6 on Work Item small Technical Enhancements and Improvements on Mc-interface	Rel-6	CN4		APPROVED
NP-050056	9.21	CR PACK	CR to Rel-6 on Work Item small Technical Enhancements and Improvements on TEI6	Rel-6	CN4		APPROVED
NP-050057	9.21	CR PACK	CR to Rel-6 on Trace management	Rel-6	CN4		APPROVED
NP-050058	9.22	REPORT	CN1 Status Report to CN Plenary		CN1 Chairman		NOTED
NP-050059	6.1.1	REPORT	CN1#37 Draft Meeting report		MCC		NOTED
NP-050060	6.1.1	LS PACK	LSs sent from CN1 since CN#26				NOTED
NP-050061	10.1	WID	Updated Trace WID, Rel-7	Rel-7	CN1		APPROVED
NP-050062	10.1	WID	Improvements of VGCS in public networks for parallel use of services	Rel-7	CN1		REVISED TO 0141
NP-050063	10.1	WID	WID for Combining CS and IMS services & CapabilityDetection mechanism	Rel-7	CN1		APPROVED
NP-050064	10.1	WID	New IMS Application WID for Missing Features	Rel-7	CN1		Sent BACK to CT1
NP-050065	11.2	ToR	Update of CN1 Terms of Reference		CN1		APPROVED
NP-050066	9.1	TS	TS 24.167v2.0.0: 3GPP IMS Management object (MO);Stage 3	Rel-6	CN1		APPROVED
NP-050067	7.12	CR PACK	CRs to R99 WI "ASCI"	R99	CN1		APPROVED
NP-050068	8.7	CR PACK	CRs for Rel-5 WI "SCUDIF"	Rel-5	CN1		APPROVED
NP-050069	8.1	CR PACK	CRs on Rel-5 WI "IMS-CCR" for TS 24.229, 24.228 and 23.218	Rel-5	CN1		APPROVED
NP-050070	9.8	CR PACK	CRs on Rel-6 WI "MBMS" for TS 24.008	Rel-6	CN1		APPROVED
NP-050071	9.8	CR PACK	CRs on Rel-6 WI "MBMS, TEI6" for TS 24.008	Rel-6	CN1		APPROVED
NP-050072	9.1	CR Pack2	CR on Rel-6 WI "IMS2" for TS 24.229	Rel-6	CN1		APPROVED

Tdoc	Ag.	Type	Tdoc Title	Rel	Source	Spec	Status
NP-050073	9.1	CR Pack2	CRs on Rel-6 WI "IMS2" for TS 24.229, 23.218, 24.247, 24.147 and 24.141	Rel-6	CN1		PART APPROVED
NP-050074	9.1	CR PACK	CRs on Rel-6 WI "IMS2" for TS 24.229	Rel-6	CN1		APPROVED
NP-050075	9.1	CR Pack2	CRs on Rel-6 WI "IMS2" for TS 24.229 and 24.247	Rel-6	CN1		APPROVED
NP-050076	9.21	CR PACK	CRs to 24.008, 43.068, 43.069	Rel-6	CN1		APPROVED
NP-050077	9.21	CR PACK	CR to Rel-6 WI "TEI6" for TS 24.008	Rel-6	CN1		APPROVED
NP-050078	9.2	CR PACK	CRs on Rel-6 WI "PRESNC" for TS 24.141 and 24.229	Rel-6	CN1		APPROVED
NP-050079	9.17	CR Pack2	CRs on Rel-6 WI "WLAN" for TS 24.234	Rel-6	CN1		APPROVED
NP-050080	9.17	CR Pack2	CR on Rel-6 WI "WLAN-IW" for TS 24.234	Rel-6	CN1		APPROVED
NP-050081	9.3	CR Pack1	CRs on Rel-6 WI "SEC1-SC" for TS 24.109	Rel-6	CN1		REVISED TO 0130
NP-050082	9.3	CR Pack2	CR on Rel-6 WI SEC1-SC for TS 24.109	Rel-6	CN1		APPROVED
NP-050083	9.22	CR PACK	CRs to Rel-6 WI "ACBOP"	Rel-6	CN1		APPROVED
NP-050084	9.22	CR PACK	CR to Rel-6 WI "OEM-Trace" for TS 29.018	Rel-6	CN1		APPROVED
NP-050085	9.22	CR PACK	CR to Rel-6 WI "SCSAGB" for TS 24.008	Rel-6	CN1		APPROVED
NP-050086	10.1	CR PACK	CR to Rel-7 WI TEI7 for TS 23.122	Rel-7	CN1		APPROVED
NP-050087	9.22	DISCUSSION DOC	Rel-6 Exception Request Form for Circuit Switched Video and Voice Service Improvements (CS_VSS)	Rel-6	CN1		APPROVED
NP-050088	9.22	DISCUSSION DOC	Rel-6 Exception Request Form for PS-Handover	Rel-6	CN1		REVISED TO 0138
NP-050089	9.1	DISCUSSION DOC	Rel-6 Exception Request Form for Extensions to SIP capabilities	Rel-6	CN1		APPROVED
NP-050090	5	LS IN	Misalignment amongst the 3GPP specifications, "Re-authentication and key set change during inter-system handover"[N1-050270]	Rel-6	CN1		NOTED
NP-050091	5	LS IN	Reply LS on IP multimedia messaging capabilities [N1-050277]	Rel-6	CN1		NOTED
NP-050092	5	LS IN	LS on status of 3GPP IMS management object [N1-050416]	Rel-6	CN1		NOTED
NP-050093	5	LS IN	LS on network-initiated SCUDIF support [N3-050151]	Rel-6	CN3		NOTED
NP-050094	5	LS IN	LS on Cooperation with TISPAN NGN for IMS-CS MGW protocol [N4-050466]	Rel-6	CN4		NOTED
NP-050095	6.3.1	REPORT	Status Report for TSG CN WG3		CN3 Chair		NOTED

Tdoc	Ag.	Type	Tdoc Title	Rel	Source	Spec	Status
NP-050096	6.3.1	REPORT	CN3#35 Meeting Report		MCC		NOTED
NP-050097	6.3.1	LS PACK	All LSs sent from CN3 since TSG CN#26 Meeting		MCC		NOTED
NP-050098	7.12	CR PACK	CRs to Rel-4 on Work Item "Circuit Switched Data Bearer Services"	Rel-4	CN3		APPROVED
NP-050099	8.9	CR PACK	CRs to Rel-5 (with mirror CR) on Work Item "Circuit Switched Data Bearer Services"	Rel-5	CN3		APPROVED
NP-050100	8.7	CR PACK	CRs to Rel-5 (with mirror CR) on Work Item "Service Change and UDI Fallback"	Rel-5	CN3		APPROVED
NP-050101	9.21	CR PACK	CR related to SCUDIF on Work Item TEI-6	Rel-6	CN3		APPROVED
NP-050102	9.21	CR PACK	CR to TS29.061 on Work Item TEI-6	Rel-6	CN3		APPROVED
NP-050103	9.22	CR PACK	CRs to Rel-6 on Work Item "End to End QoS"	Rel-6	CN3		APPROVED
NP-050104	9.21	FORM	Extension Request for SCUDIF	Rel-6	CN3		APPROVED
NP-050105	9.12	CR PACK	CR to Rel-6 on Work Item "IMS"	Rel-6	CN3		APPROVED
NP-050106	9.20	CR PACK	CRs to Rel-6 on Work Item "QoS1" (Gq interface)	Rel-6	CN3		APPROVED
NP-050107	9.2	CR PACK	CR to Rel-6 on Work Item "Support of the Presence service in core networks signalling protocols"	Rel-6	CN3		APPROVED
NP-050108	9.8	CR PACK	CRs to Rel-6 on Work Item "MBMS"	Rel-6	CN3		APPROVED
NP-050109	9.22	CR PACK	CRs to Rel-6 on Work Item "Gx interface for Flow Based Charging"	Rel-6	CN3		APPROVED
NP-050110	9.22	CR PACK	CR to Rel-6 on Work Item "Circuit Switched Data Bearer Services"	Rel-6	CN3		APPROVED
NP-050111	9.22	TS	TS 29.211 v2.0.0 Rx interface and Rx/Gx signalling flows (for approval)	Rel-6	CN3		WITHDRAWN
NP-050112	9.22	CR PACK	CR to Rel-6 Work Item "Rx Reference point specification for flow based charging"	Rel-6	CN3		WITHDRAWN
NP-050113	9.22	TS	TS 29.211 v2.0.0 Rx interface and Rx/Gx signalling flows (for approval)	Rel-6	CN3		WITHDRAWN
NP-050114	9.22	CR PACK	CR to Rel-6 Work Item "Rx Reference point specification for flow based charging"	Rel-6	CN3		APPROVED
NP-050115	9.17	CR	CR on Fallback to full authentication for TS 24.234	Rel-6	Ericsson, Nokia		APPROVED
NP-050116	9.21	DISCUSSION DOC	Network initiated SCUDIF in Rel6	Rel-6	Nokia, T-mobile		REVISED TO 0119
NP-050117	9.17	CR	CR on Fallback to full authentication for TS 24.234	Rel-6	CN1		REVISED TO 0115
NP-050118	9.22	TS	TS 29.211 v2.0.1 Rx interface and Rx/Gx signalling flows (for approval)	Rel-6	CN3		REVISED TO 0139

Tdoc	Ag.	Type	Tdoc Title	Rel	Source	Spec	Status
NP-050119	9.21	DISCUSSION DOC	Network initiated SCUDIF in Rel6	Rel-6	Nokia, T-Mobile, Siemens		NOTED
NP-050120	4.3	REPORT	IEFT Status Report		CN Chair		NOTED
NP-050121	13	Procedure	Elections: a practical guide		JMM, MCC		NOTED
NP-050122	12	LIST	Specs per Release		JMM, MCC		NOTED
NP-050123	12	LIST	status list before Meeting#27		JMM, MCC		NOTED
NP-050124	9.8	FORM	Exception Request Form for late inclusion of Robust header Compression (RoHC) support for MBMS in Rel-6		Ericsson		APPROVED
NP-050125	9.17	FORM	Release 6 Exception Notice for WLAN		Lucent, Singular		REVISED TO 0134
NP-050126	2	DAD	Proposed allocation of documents to agenda items for TSG-CN Plenary Meeting: start of day 1		CN V. Chair		NOTED
NP-050127	9.1	CR	Combined CR on Rel-6 WI "IMS2" for TS 24.229		Lucent		APPROVED
NP-050128	3	REPORT	Draft Meeting Report from CN#26		MCC, DAB		APPROVED
NP-050129	7.11	CR PACK	CRs to Rel-4 on Work Item small Technical Enhancements and Improvements	Rel-4	CN4		REVISED TO 0133
NP-050130	9.3	CR Pack1	CRs on Rel-6 WI "SEC1-SC" for TS 24.109	Rel-6	CN1		APPROVED
NP-050131	9.7	TS	Rel-6 Draft TS 23.198 v200 (OSA Stage 2) – for Approval	Rel-6	CN5		APPROVED
NP-050132	9.17	FORM	Form for exception on WLAN for Rel-6	Rel-6	CN4		REVISED TO 0143
NP-050133	7.11	CR PACK	CRs to Rel-4 on Work Item small Technical Enhancements and Improvements	Rel-4	CN4		APPROVED
NP-050134	9.17	FORM	Release 6 Exception Notice for WLAN		Lucent, Singular		REVISED TO 0144
NP-050135	9.21	CR	CR to Rel-6 on Work Item small Technical Enhancements and Improvements on GPRS	Rel-6	CN4		APPROVED
NP-050136	5	LS IN	Proposal for the development of a contribution for ITU-R WP8F on IP solutions		ITU-R		NOTED
NP-050137		LS OUT	LS to SA1 on		CN		APPROVED
NP-050138	9.22	DISCUSSION DOC	Rel-6 Exception Request Form for PS-Handover	Rel-6	CN1		APPROVED
NP-050139	9.22	TS	TS 29.211 v2.1.0 Rx interface and Rx/Gx signalling flows (for approval)	Rel-6	CN3		APPROVED
NP-050140	2	DAD	Proposed allocation of documents to agenda items for TSG-CN Plenary Meeting: mid of day 2		CN V. Chair		NOTED
NP-050141	10.1	WID	Improvements of VGCS in public networks for parallel use of services	Rel-7	CN1		APPROVED
NP-050142	12	WORK PLAN	Latest version of 3GPP Workplan (SLIDES)		MCC, Sultan		NOTED
NP-050143	9.17	FORM	Form for exception on WLAN for Rel-6	Rel-6	CN4		APPROVED

Tdoc	Ag.	Type	Tdoc Title	Rel	Source	Spec	Status
NP-050144	9.17	FORM	Release 6 Exception Notice for WLAN		Lucent, Singular		APPROVED
NP-050145							

ANNEX C. TSG CN meeting Participants List

Lastname	Organization	Status, partner	Phone	Email
Member of 3GPP (ARIB)				
AIKAWA Shinichiro	FUJITSU LIMITED	3GPPMEMBER ARIB	Ph: +81 44 754 8511	saikawa@jp.fujitsu.com
ELLSBERGER Jan	NIPPON ERICSSON K.K.	3GPPMEMBER ARIB	Ph: +46 8 508 77965	jan.ellsberger@ericsson.com
FARHOUMAND Rouzbeh	NIPPON ERICSSON K.K.	3GPPMEMBER ARIB	Ph: +1 972 583 8061	rouzbeh.farhoumand@ericsson.com
KÅLL Jan	NOKIA JAPAN CO, LTD	3GPPMEMBER ARIB	Ph:	jan.kall@nokia.com
Member of 3GPP (ATIS)				
ARREAGA Arturo	ROGERS WIRELESS INC.	3GPPMEMBER ATIS	Ph: +1 (416) 935-7659	aarreaga@rci.rogers.com
EHRLICH Ed	NOKIA TELECOMMUNICATIONS INC.	3GPPMEMBER ATIS	Ph: +1 202 877 0597	ed.ehrlich@nokia.com
GRANT Marc	CINGULAR WIRELESS LLC	3GPPMEMBER ATIS	Ph: +1 512 372 5834	marc.grant@cingular.com
HAYES Stephen	ERICSSON INC.	3GPPMEMBER ATIS	Ph: +1 469 360 8500	stephen.hayes@ericsson.com
JONES Gary	T-MOBILE USA INC.	3GPPMEMBER ATIS	Ph: +1 202.654.5950	gary.jones@t-mobile.com
MARCHETTO Luisa	CINGULAR WIRELESS LLC	3GPPMEMBER ATIS	Ph: +1 425 580 6840	luisa.marchetto@cingular.com
Member of 3GPP (CCSA)				
DUAN Chang	HUAWEI TECHNOLOGIES CO., LTD	3GPPMEMBER CCSA	Ph: +86-10-82882604	chang.duan@huawei.com
HE John	NANJING ERICSSON PANDA COM LTD	3GPPMEMBER CCSA	Ph:	
HOLMSTRÖM Tomas	NANJING ERICSSON PANDA COM LTD	3GPPMEMBER CCSA	Ph: +46 46 193 861	tomas.holmstrom@ericsson.com
LI Mo	ZTE CORPORATION	3GPPMEMBER CCSA	Ph: +1 214 418 7369	mo.li@zte.com.cn
MO Li	ZTE CORPORATION	3GPPMEMBER CCSA	Ph: +1214 418 7369	mo.li@zteusa.com
SONG Guodong	ZTE CORPORATION	3GPPMEMBER CCSA	Ph: +86-755-26772012	song.guodong@zte.com.cn
WANG Zhixi	ZTE CORPORATION	3GPPMEMBER CCSA	Ph: +86 21 68895802	wang.zhixi@zte.com.cn
ZHANG Wenlin	HUAWEI TECHNOLOGIES CO., LTD	3GPPMEMBER CCSA	Ph: +86 82882753	zhangwenlin@huawei.com
ZHU Jinguo	ZTE CORPORATION	3GPPMEMBER CCSA	Ph: +86 25 2870106	zhu.jinguo@zte.com.cn
Member of 3GPP (ETSI)				
ABARCA Chelo	ALCATEL S.A.	3GPPMEMBER ETSI	Ph: +33 1307 70469	chelo.abarca@alcatel.fr
ALLEN Andrew	RESEARCH IN MOTION LIMITED	3GPPMEMBER ETSI	Ph: +1 847 809 8636	aallen@rim.com
ANDERSEN Niels Peter Skov	QUALCOMM EUROPE S.A.R.L.	3GPPMEMBER ETSI	Ph: +45 40 18 47 93	npa@qualcomm.com
BARNES Nigel	MOTOROLA LTD	3GPPMEMBER ETSI	Ph: +44 1 256 790 169	nigel.barnes@motorola.com
BELLONI Paolo	TELECOM ITALIA S.P.A.	3GPPMEMBER ETSI	Ph: +39351326560	paolo.belloni@telecomitalia.it
BERRY Nigel. H	LUCENT TECHNOLOGIES N. S. UK	3GPPMEMBER ETSI	Ph: +44 1793 883245	nhberry@lucent.com

Lastname	Organization	Status, partner	Phone	Email
BÖJERYD Nils	TIETO ENATOR TECHNICAL CONS.	3GPPMEMBER ETSI	Ph: +46 54 29 43 77	nils.bojeryd@tietoenator.com
DOIG Ian	MOTOROLA S.A.S	3GPPMEMBER ETSI	Ph: +33 4 92 94 48 64	ian.doig@motorola.com
FIORETTO Giorgio	TELECOM ITALIA S.P.A.	3GPPMEMBER ETSI	Ph: +39 06 39009038	gfioretto@mail.tim.it
GARDELLA Maryse	ALCATEL S.A.	3GPPMEMBER ETSI	Ph: +33 1 3077 4951	maryse.gardella@alcatel.fr
GERBELING Richard	HEWLETT-PACKARD	3GPPMEMBER ETSI	Ph: +1.402.384.7322	rick.gerbeling@hp.com
GONG Liangzhong	HUAWEI TECHNOLOGIES CO. LTD.	3GPPMEMBER ETSI	Ph: +86 755 28789504	dmyglz@huawei.com
HIETALAHTI Hannu	NOKIA CORPORATION	3GPPMEMBER ETSI	Ph: +358 40 502 1724	hannu.hietalahti@nokia.com
HOWELL Andrew	MOTOROLA GMBH	3GPPMEMBER ETSI	Ph: +44 1452 623967	andrew.howell@motorola.com
HUSLENDE Ragnar	ERICSSON LM	3GPPMEMBER ETSI	Ph: +47 911 10828	ragnar.huslende@ericsson.com
JACOBSOHN Dieter	T-MOBILE INTERNATIONAL AG	3GPPMEMBER ETSI	Ph: +49 228 936 18445	dieter.jacobsohn@t-mobile.net
KALLIO Susanna	NOKIA CORPORATION	3GPPMEMBER ETSI	Ph: +358 40 740 9449	susanna.kallio@nokia.com
KANERVA Mikko	NOKIA UK LTD	3GPPMEMBER ETSI	Ph: +358 40 504 0735	mikko.j.kanerva@nokia.com
KLEHN Norbert	SIEMENS MOBILE COMMUNICATIONS	3GPPMEMBER ETSI	Ph: +49 30 386 29090	norbert.klehn@siemens.com
LAVASANI Shahab	TELIASONERA AB	3GPPMEMBER ETSI	Ph: +46 8 504 524 84	shahab.lavasani@teliasonera.com
MARTIQUET Nicolas	ORANGE SA	3GPPMEMBER ETSI	Ph: +33 1 45 29 51 69	nicolas.martiquet@rd.francetelecom.com
MECROW Steve	MMO2 PLC	3GPPMEMBER ETSI	Ph: +44 1 394 380694	steve.mecrow@o2.com
MONTILLET David	ALCATEL S.A.	3GPPMEMBER ETSI	Ph: +33130773053	david.montillet@alcatel.fr
MORENO Juan Antonio	TELEFONICA S.A.	3GPPMEMBER ETSI	Ph: +34 6800 14050	moreno-ja@tsm.es
NEAL Adrian	VODAFONE LTD	3GPPMEMBER ETSI	Ph: +44 1635685834	adrian.neal@vodafone.com
RAINER Johannes	ÖFEG	3GPPMEMBER ETSI	Ph: +43 1 79780 62	johannes.rainer@oefeg.at
SCHMITT Peter	SIEMENS AG	3GPPMEMBER ETSI	Ph: +49 66 211 69 152	peter.schmitt@gksag.de
SHARP Iain	NORTEL NETWORKS (EUROPE)	3GPPMEMBER ETSI	Ph: +44 1628 43 42 87	isharp@nortel.com
SIMMONS Paul	NORTEL NETWORKS GERMANY GMBH	3GPPMEMBER ETSI	Ph: +33 1 39 44 55 95	simmonsp@nortelnetworks.com
TOTH Stefan	ERICSSON LM	3GPPMEMBER ETSI	Ph: +46 31 747 4246	stefan.toth@ericsson.com
VOSKAR Paul	NOKIA UK LTD	3GPPMEMBER ETSI	Ph: +44 1252 867430	paul.voskar@nokia.com
WILD Peter	VODAFONE D2 GMBH	3GPPMEMBER ETSI	Ph: +49 211 533 3798	peter.wild@vodafone.com
Member of 3GPP (TTA)				
HWANG Yousun	ETRI	3GPPMEMBER TTA	Ph: +	ys3838@etri.re.kr
SON Sungmu	LG ELECTRONICS INC.	3GPPMEMBER TTA	Ph: +82314501910	sungmus@lge.com
YOON Kyungae	LG ELECTRONICS INC.	3GPPMEMBER TTA	Ph:	kyungaeyoon@lge.com
Member of 3GPP (TTC)				
KITAJIMA Yasuhiro	NTT DOCOMO INC.	3GPPMEMBER TTC	Ph: +81 46 840 3370	kitajimay@nttdocomo.co.jp

Lastname	Organization	Status, partner	Phone	Email
NODA Akishige	FUJITSU LIMITED	3GPPMEMBER TTC	Ph: +81 44 754 8511	aki.noda@jp.fujitsu.com
SUEGARA Yasuhiro	KDDI CORPORATION	3GPPMEMBER TTC	Ph: +81 3 6678 4557	ya-suegara@kddi.com
TAYA Kunihiko	NEC CORPORATION	3GPPMEMBER TTC	Ph: +44 1372 381801	taya@t-modus.nec.co.uk
Organisation partner representative (CCSA)				
CHEN Dan	CCSA	3GPPORG_REP CCSA	Ph: +86 755 5739300	
Organisation partner representative (ETSI)				
BOSWARTHICK David	Mobile Competence Centre	3GPPORG_REP ETSI	Ph: +33 4 92 94 42 78	david.boswarthick@etsi.org
HAN Seung Don	Mobile Competence Centre	3GPPORG_REP ETSI	Ph: +33 492 944 2 31	seungdon.han@etsi.org
JURISIC Andrijana	Mobile Competence Centre	3GPPORG_REP ETSI	Ph: +33 4 92 94 43 09	andrijana.jurisic@etsi.org
KYMALAINEN Kimmo	Mobile Competence Centre	3GPPORG_REP ETSI	Ph: +33 4 92 94 42 38	kimmo.kymalainen@etsi.org
ZOICAS Adrian	Mobile Competence Centre	3GPPORG_REP ETSI	Ph: +33 4 92 94 42 21	adrian.zoicas@etsi.org
Organisation partner representative (TTC)				
MARUYAMA Yasuo	TTC	3GPPORG_REP TTC	Ph: +81 3 5776 7796	maruyama@ttc.or.jp