



## Third Generation Partnership Project

**DRAFT MEETING REPORT v1.0.0**

**3GPP TSG CN WG 3  
Meeting #23**

**Budapest, Hungary  
13<sup>th</sup> - 17<sup>th</sup> May, 2002.**



Hosted by

**Ericsson**

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**Vice Chairman:** None.  
**MCC Support:** David Boswarthick, ETSI MCC. [david.boswarthick@etsi.fr](mailto:david.boswarthick@etsi.fr)

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## 1 Opening of the Meeting

The 23<sup>rd</sup> CN3 meeting took place from 13<sup>th</sup> - 17<sup>th</sup> May 2002 in Budapest, Hungary.

Mr Ragnar Huslende welcomed the CN3 delegates to Budapest on behalf of the host, and explained the logistical details for the rest of the week.

The CN3 Chairman Mr. Norbert Klehn, opened the meeting at 09:00 on Monday 13<sup>th</sup>

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## 2 Approval of the agenda

The meeting documents are available on the 3GPP server:-

[ftp://ftp.3gpp.org/tsg\\_cn/WG3\\_interworking/TSGN3\\_23\\_Budapest/](ftp://ftp.3gpp.org/tsg_cn/WG3_interworking/TSGN3_23_Budapest/)

**N3-020410: CN3#23 Draft Meeting Agenda.** Presented by the CN3 Chairman.

**CONTENT:** Contains the draft agenda for CN3#23 Meeting.

**DISCUSSION:** Norbert introduced the agenda and outlined the schedule of the meeting for the rest of the week.

A Go drafting session took place on Thursday afternoon.

**RESULT:** The Agenda was **APPROVED**.

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## 3 Registration of documents

**N3-020411: Allocation of documents to Agenda items (at tdoc deadline).** Presented by CN3 Chairman.

**CONTENT:** Shows the allocation of meeting documents to agenda items at tdoc deadline.

**DISCUSSION:** Complied on the weekend before the meeting (after the deadline for documents was over).

**RESULT:** The allocation of documents was **NOTED**.

**N3-020412: Allocation of documents to Agenda items for (Start Day 1).**

**RESULT:** The allocation of documents was **NOTED**.

**N3-020413: Allocation of documents to Agenda items for (Start Day 3).**

**RESULT:** The allocation of documents was **NOTED**.

**N3-020414: Allocation of documents to Agenda items (Start Day 4).**

**RESULT:** The allocation of documents was **NOTED**.

**N3-020415: Allocation of documents to Agenda items (Start Day 5).**

**RESULT:** The allocation of documents was **NOTED**.

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## 4 Reports

### 4.1 Report of last CN3 Meeting

**N3-020416:** **CN3#22 Draft Meeting Report.** Presented by David Boswarthick, MCC.

**CONTENT:** Contains the draft meeting report for the CN3#22 held in Fort Lauderdale, USA.  
The report was completed and distributed at the end of the meeting. There was the usual 2-week deadline for comments by e-mail. These comments have been integrated in the revised meeting report presented in this document.

**RESULT:** The document was **APPROVED**.

### 4.2 Reports from last CN

**N3-020455:** **Handling of RFC dependencies.** Source CN Chair. Presented by CN3 Chair.

**CONTENT:** In order to complete the 3GPP specifications we must replace the references to Internet drafts with RFC numbers. Due to the time crunch in the IETF, the RFC numbers for many drafts will not be available until shortly before June 7 (the start of the CN plenary). The proposal is that each of the WGs prepare CRs as appropriate to update the necessary RFC references in their specs. These CRs should be based upon the best available information at the time of the WG meeting. Wildcards should be used for the actual RFC numbers since they will not be available at the time of the WG meeting. These CRs can be revised in the CN plenary once it is known which RFCs / numbers are actually available.

**DISCUSSION:** This has impacts 'at least' on TS 29.061. Others to be checked by rapporteurs.

**RESULT:** The document was **NOTED**.

### 4.3 Reports of other groups

No Input to this agenda item.

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## 5 IPR disclosures

The Chairman reminded delegates of 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 delegates were 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 TSG\_CN and the CN working groups
- ?? to notify the Director-General or 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

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## 6 Items for immediate consideration

**N3-020440:** **Suggested work split between CN3 and CN4 for IMS Mc interface, source Siemens.** Presented by Thomas Belling of Siemens.

**CONTENT:** This Contribution lists related work to the suggested new CN4 WI for the IMS Mc interface in Tdoc N4-020582 for information.  
Furthermore, it suggests how to organise the work split regarding the IMS-Mc Interface between CN3 and CN4. CN3 is responsible for the WI "Interworking between IM CN subsystem and CS networks".

**DISCUSSION:** CN3 agreed with the principles proposed by Siemens, and this document will be presented to CN4 as the endorsed CN3 position.

**RESULT:** The document was **AGREED**.

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## 7 Received Liaison Statements

- N3-020418:** LS on "Clarification of IMS signalling flag" [N1-020947], source CN1.
- DISCUSSION:** A response from SA2 is expected. The response from SA2 is in N3-020475.
- RESULT:** The document was **NOTED**.
- 
- N3-020475:** Liaison Statement on 'Clarification of IMS signalling flag' [S2-021530], source SA2. Presented by Steve Dutnall of AWS.
- CONTENT:** SA2 provide answers to CN1 to their questions on the IMS signalling flag.
- DISCUSSION:** The CN3 related changes have already been made in the Ericsson [N3-020426] and Nortel contributions [N3-020438].
- Question 3 has an impact on CN3s work. However due to lack of time the solution could not be agreed and will be discussed in CN3#24.
- RESULT:** The document was **POSTPONED to CN3#24**.
- 
- N3-020419:** LS on "use of IPv4 and IPv6 in the transport plane" [N4-020524], source CN4. Presented by Hans Ronneke of Ericsson.
- CONTENT:** CN4 asks SA2 to clarify the use of IPv6 in pre Rel-5 GSNs.
- DISCUSSION:** The response from SA2 is in N3-020454
- RESULT:** The document was **NOTED**.
- 
- N3-020454:** Re. LS on "use of IPv4 and IPv6 in the transport plane" [S2-021523], source SA2. Presented by Hans Ronneke of Ericsson.
- CONTENT:** SA2 have agreed to add a recommendation in 23.060 for R99 and R4 not to use IPv6 transport when the GSNs can potentially communicate with other GSNs supporting only IPv4 transport. The same statement applies to the RNCs concerning the lu interface. From a standards point of view this means that interworking with pre-R5 GSNs or RNCs supporting IPv6 transport plane does not need to be considered in the specifications
- DISCUSSION:** This relates only to the transport between GSN inside the PLMN and does not affect CN3s work.
- RESULT:** The document was **NOTED**.
- 
- N3-020420:** LS on "exchange of addresses on lu-CS using IP Transport Option in Rel-5" [R3-021133], source RAN3. Presented by Thomas Belling of Siemens.
- CONTENT:** RAN3 is currently investigating the lu-CS three solutions to provide the MGW with the user plane addresses of the RNC necessary to complete the lu UP initialisation in release 5. The issue arises only in support mode when the IP Transport option is used. RAN3 proposed 3 solutions and asks CN4 to examine these.
- DISCUSSION:** This does not affect CN3s work.
- RESULT:** The document was **NOTED**.
- 
- N3-020421:** Re. LS on "Multiple Codecs " [S2-021304], source SA2. Presented by Mirko Schramm of Siemens.
- CONTENT:** SA2 see no problem in CN3's working assumption that QoS authorisation is performed according to the codec with the highest QoS requirements.
- DISCUSSION:** CN3 can continue with their working assumption.
- RESULT:** The document was **NOTED**.

- N3-020422: Response to the LS on "IPv6 update of stage 3 specifications"[ S2-021521] source SA2.** Presented by Hans Ronneke of Ericsson.
- CONTENT:** SA2 reaffirm that they will stay with their current decision to apply the IPv6 changes related to the stateless address autoconfiguration procedure starting from R99 in order to eliminate any backward compatibility issue for IPv6 deployment within 3GPP.
- CN3 are asked to update the relevant R99 and Rel-4 specifications under their responsibility to ensure a proper description of IPv6 in the user plane and to align stage 3 with stage 2, as CN3 have done for Rel-5.
- DISCUSSION:** SA2 state that issue of RADIUS is independent of the version of IP. Radius will need to be updated to allow for the transport of IPv6 addressed.
- CN3 will make the necessary changes this week.
- IPv6 will be optional in R99 (stated in stage 2) for stateless and stateful autoconfiguration.
- Hatef Yamini [H3G] suggested having IPv6 changes for Radius only for Rel-5.
- RESULT:** The document was **NOTED**.
- N3-020423 LSs on " GUP work progress " source SA2 [S2-021513].** Presented by Ragnar Huslende of Ericsson.
- CONTENT:** SA2 wish to start its coordination role by providing a status update on the GUP activity. SA2 recommends working groups read this material to increase their understanding of this subject, while being aware that SA1 is still currently actively refining the GUP requirements
- DISCUSSION:** Delegates were invited to read the attached documentation offline during the week. The LS will be revisited later this week.
- It is not believed that CN3 have a significant amount of work to do on GUP. CN3 assume they will be informed if there is work for the group to do (via LS of contributions).
- RESULT:** The document was **NOTED**.
- N3-020424 LSs on "procedure for specifying UMTS QoS Parameters per Application" source RAN2 (Postponed from last meeting).** Presented by Ragnar Huslende of Ericsson.
- CONTENT:** RAN2 understands that the provided QoS attributes will be used to define RAB and RB parameters to be included in 34.108 for testing purposes.
- DISCUSSION:** SA4 are requested to provide some information. Their response is in N2-020493.
- Also CN3 (not SA4) need to describe what are the Guaranteed Bit Rates, which are recommended to be used in the tests for both type of application (streaming and conversational).
- CN3 need to discuss whether maximum or guaranteed bit rate should be used.
- CN3 may also have comments on the other questions to SA4.
- CN3 have not yet decided whether guaranteed or maximum bit rate shall be used and it was decided to postpone a response.
- RESULT:** The document was **POSTPONED to CN3#24**.
- N3-020461 LS on the "Relation of IMS media components and bearer charging / PDP Contexts [S2-021311r3], source SA2.** Presented by Ralitsa Gateva of Nokia.
- CONTENT:** SA2 would like to kindly point out that they have approved a mechanism for the IMS network to control the relation of IMS sessions / media components with PDP Contexts.
- It is assumed that media components from different IMS sessions are not carried within the same PDP context.
- This simplification has been agreed for Rel5 in order to avoid having to introduce

additional mechanisms in the network (e.g. for Service Based Local Policy) which would jeopardize timely completion of the Release.

At the same time, the interfaces (and the corresponding information element(s) within) carrying Binding Information shall be designed such a way that they are capable of carrying multiple sets of Binding Information for forward compatibility reasons.

**DISCUSSION:** This LS provides the justification for dealing with multiple binding information in the CR from Nortel [N3-020462]. There is a related change from Nokia [N3-020463].

**RESULT:** The document was **NOTED**.

**N3-020473: Re. to LS on “Mapping rules for authorisation” [S2-021301r4], source SA2.** Presented by Reidar Ericsson of Ericsson.

**CONTENT:** SA2 sees no problems to use the proposed rules (described in N3-020363) for derivation of the Maximum Authorized Bandwidth DL and UL.

The rules for derivation of Maximum Authorized Traffic Class from the SDP parameters seem to be less stable as there are already obvious examples where the rules would fail.

As it would be hard to define a fault proof solution for the R5 timeframe it is of the understanding of SA2 that it would need to be defined for R6. SA2 proposes that efforts be made in R6 to find a mechanism that ensures that the UE and / or the Home Environment can provide adequate information to achieve proper QoS authorization in a future compatible way.

**DISCUSSION:** Ericsson have a CR that relates to this [N3-020480]

**RESULT:** The document was **NOTED**.

**N3-020474: Re. to LS on “Working assumptions in CN3” [S2-021520], source SA2.** Presented by Brian Williams of Ericsson.

**CONTENT:** In this document SA2 has the comments on CN3s Working Assumptions.

**DISCUSSION:** The attachment was missing (apparently because it was not agreed in SA2 - t.b.c). It was the consideration of SA2 that CN3 can do the work on developing flow IDs.

**RESULT:** The document was **NOTED**.

**N3-020493: Re. to LS on Procedure for specifying UMTS QoS Parameters per Application [S4-020333], source SA4.** Presented by Reidar Ericsson of Ericsson.

**CONTENT:** In the LS, SA4 state that the usage of IPsec is not in scope of SA4 and there is no intention of SA4 to promote its usage currently. SA4 started the discussion on the setting of the UMTS Bearer Attributes for different use cases. This work includes an update of the appropriate table(s) in TS26.234 and TS26.235. However this discussion will take some time and SA4 will keep RAN2 and other interested bodies updated

**RESULT:** The document was **NOTED**.

**N3-020481: Response on Liaison Statement on exchange of addresses on lu-CS using IP Transport Option in Release 5 [N4-020690], source CN4.** Presented by

**CONTENT:** Discussed in Break out session on Thursday.

**RESULT:** The document was **NOTED**.



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## 8 Release 4 and earlier

**NOTE:** *Release 4 and earlier have been Functionally Frozen.*

*Only CAT F (essential correction) and CAT A (corresponds to a correction in an earlier release) CRs are allowed for these Releases. The subcategories for CAT F CRs should be considered when agreeing essential CRs.*

### 8.1 GPRS

**N3-020425:** **CR 27.060 Rel-5: IPv6 Address autoconfiguration source Ericsson.** Presented by Hans Ronneke of Ericsson

**CONTENT:** The procedures introduced by this CR are in line with the latest updates to the Dynamic IPv6 Stateless Address Allocation described in 23.060, as approved at TSG #15 for R'99 onwards

**DISCUSSION:** It was asked why have the points 1-7 been changed when it is identical to IPv4. They should be unchanged for IPv4 and IPv6.

64kbit/s length should not be specified, only the maximum limit.

In step 10 - the description of how you use the PCO is not correct, needs to be aligned with the IPv4 text.

Similar changes will also be made to R99 and Rel-4 - the WI code TEI will be used.

Core network box needs to be ticked on cover sheet.

Possible impacts on 24.008 (status needs to be investigated).

**RESULT:** The document was **REVISED to 0459**

? **REVISED?**

**N3-020459:** **Rev. CR 27.060 Rel-5: IPv6 Address autoconfiguration source Ericsson.** Presented by Hans Ronneke of Ericsson.

**DISCUSSION:** The Router Advertisement should not contain more than one prefix option [NEEDS TO BE CHECKED]

Clarification required for IPv6 Global or Site-Local Unicast in STEP 11.

Also in STEP 11, What is the behaviour of the MT with a PCO returned from the network?

STEP 8 - "is not forwarded to the GGSN" needs to be changed to shall ....

Remove revisions made to revisions.

**RESULT:** The document was **REVISED to 0476**

? **REVISED?**

**N3-020476:** **Rev. CR 27.060 Rel-5: IPv6 Address autoconfiguration source Ericsson.** Presented by Hans Ronneke of Ericsson.

**DISCUSSION:** Offline comments received.

**RESULT:** The document was **REVISED to 0504**

? **REVISED?**

**N3-020504:** **Rev. CR 27.060 Rel-5: IPv6 Address autoconfiguration source Ericsson / Qualcomm.** Presented by Hans Ronneke of Ericsson.

**RESULT:** The document was **AGREED.**

**N3-020505:** **Rev. CR 27.060 R99: IPv6 Address autoconfiguration source Ericsson/ Qualcomm.** Presented by Idreas Mir of Qualcomm.

**RESULT:** The document was **AGREED.**

- N3-020506:** **Rev. CR 27.060 Rel-5: IPv6 Address autoconfiguration source Ericsson/ Qualcomm.** Presented by Idreas Mir of Qualcomm.
- RESULT:** The document was **AGREED**.
- N3-020457:** **CR 29.061 Rel-5: IPv6 clarifications/corrections, source Qualcomm.** Presented by Idreas Mir of Qualcomm
- CONTENT:** The behaviour of the GGSN for enforcement of a unique Interface-Identifier for MS link-local address configuration as per the current text is ambiguous. Also, the underlying assumption at the GGSN for allowing duplicate address detection to be made optional in the MS needs to be clearly stated. Some RFC references mentioned in the text need to be corrected.
- RESULT:** The document was **MERGED into 0460**.
- N3-020427:** **CR 29.061 Rel-5: Address autoconfiguration of IPv6 terminals and IPv6 update, source Ericsson/ Motorola/ Cisco.** Presented by Hans Ronneke of Ericsson
- CONTENT:** The CR makes changes that align with approved SA2 changes to TS 23.060.
- DISCUSSION:** NOTE - if this CR is agreed - it will replace the CR (N3-020328), that was agreed in N3#22 meeting.  
Qualcomm have a related CR [N3-020457]that effects the same sections.
- RESULT:** The document was **REVISED to 0460**.
- ? **REVISED?**
- N3-020460:** **Rev. CR 29.061 Rel-5: Address autoconfiguration of IPv6 terminals and IPv6 update, source Ericsson/ Motorola/ Cisco.** Presented by Hans Ronneke of Ericsson
- CONTENT:** Includes the changes from N3-020427 and 0457.
- DISCUSSION:** We also require changes to R99 and Rel-4. This CR had a CAT change from C-> A.
- RESULT:** The document was **AGREED**.
- N3-020477:** **Rev. CR 29.061 R99: Address autoconfiguration of IPv6 terminals and IPv6 update, source Ericsson/ Motorola/ Cisco.** Presented by Hans Ronneke of Ericsson
- RESULT:** The document was **AGREED**.
- N3-020478:** **Rev. CR 29.061 Rel-4: Address autoconfiguration of IPv6 terminals and IPv6 update, source Ericsson/ Motorola/ Cisco.** Presented by Hans Ronneke of Ericsson
- RESULT:** The document was **AGREED**.
- N3-020426:** **CR 29.061 Rel-5: Actions within the GGSN for IMS parameters sent in PDP context activation, source Ericsson.** Presented by Hans Ronneke of Ericsson
- CONTENT:** Adds a new clause 13a, describing Packet Domain interworking with a IMS-PDN
- DISCUSSION:** Wrong CR number (should be 057).  
Johanna Wild [Motorola] asked for more time to study this CR, and also some information on the dependencies to changes in other specifications (being made in other CN WGs this week).
- RESULT:** The document was **REVISED to 0479**.
- ? **REVISED?**

**N3-020479:** Rev. CR 29.061 Rel-5: Actions within the GGSN for IMS parameters sent in PDP context activation, source Ericsson. Presented by Hans Ronneke of Ericsson

**DISCUSSION:** Offline comments received.

**RESULT:** The document was **REVISED to 0503**.

? **REVISED?**

**N3-020503:** Rev. CR 29.061 Rel-5: Actions within the GGSN for IMS parameters sent in PDP context activation, source Ericsson. Presented by Hans Ronneke of Ericsson

**DISCUSSION:** Following discussions in CN1 that still need to be resolved, it was decided to withdraw this contribution.

This is still an open issue for Rel-5.

**RESULT:** The document was **WITHDRAWN**.

## **8.2 Circuit switched Bearer Services**

No input to this agenda item.

## **8.3 Bearer Independent Circuit switched Core network**

No input to this agenda item.

## **8.4 Technical Enhancements & Improvements (TEI)**

No input to this agenda item.

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## 9 Release 5

### 9.1 e2e QoS for IM Subsystem

#### [CN3 consider their work to this Work Item as xx% Complete](#)

##### 9.1.1 General

**N3-020392:** Discussion result from CN3 Go drafting session. Presented by Daisuke Yokota of Lucent.

**RESULT:** The document was **REVISED before presentation.**

**? REVISED?**

**N3-020394:** Discussion result from CN3 Go drafting session. Presented by Daisuke Yokota of Lucent.

**CONTENT:** Contains the meeting report for the Go drafting session. The meeting time was mainly used for the PIB development. The drafting group could achieve the expected goal that is to produce the basis of the 3GPP Go PIB definitions (see section 2). Most of the other contributions were not be able to be handled due to lack of time and the necessity of the discussion and the agreement in the regular CN3 meeting

**DISCUSSION:** We do not import parts from the Framework PIB into the 3GPP Go PIB. This may be re-examined depending on future contributions.

The final outcome from the Go drafting session (contained in N3-020387) is in fact not the latest, and will be revised (N3-020462).

**[Extract from report] PIB Development.**

1. The notation of the name of the PIB should be consistent throughout the specification. It was agreed to use the notation of "3GPP Go PIB" for the text part of the specification and the description and remark part of the PIB definitions. The name of the PIB objects, however, should start with "go3gpp" since a digit cannot be used for the first letter of the PIB name.
2. There was a concern on importing Framework and DiffServ PIBs since they contain the objects which would not be used for the purpose of the Go interface at all. It was agreed not to import these PIBs but to define minimum required objects within 3GPP.
3. CN3 was likely to be asked by SA2 through a LS to support the capability of conveying multiple binding information in a single authorization request in future releases. Since there seemed to be nothing that would prevent the support of this capability from the protocol design perspective, it was agreed to define PIBs that can support this capability in Rel-5. << **The LS has not yet been received from SA2.>>**
4. At the last CN3 #22 meeting, CN3 made a working assumption that the QoS of the grouped media components should be combined by the PCF. CN3 is waiting for a response LS from SA2 related to this assumption. << **The LS has not been received from SA2 by the Go drafting session, and it is suspected agreement could not be met. The LS was received during the regular CN3#23 meeting. See N3-020474.>>**
5. The work of DiffServ interworking has already been given lower priority by a LS from SA2. The future treatment of this feature should be discussed during the CN3 #23 regular meeting. << **Nortel stressed the fact that they still wish Diffserv to be a part of Rel-5. - However low priority does not exclude a function from a release>>**
6. Still there are many unclear points in the ICID such as its format, etc. A related issue will be raised up by a contribution from Ericsson during the CN3 #23 regular meeting. << **See N3-020466 and N3-020507>>**
7. The root object ID for 3GPP Go PIB shall be assigned by IANA. It has to be checked whether 3GPP has already got an ID. << **CN3 have agreed to request the root object ID - Nortel has the action to do this and feed back progress to CN3. There is a possibility that we may reuse the ID obtained for RADIUS.>>**

**<< ACTION - -MCC will find a process for tracking the IDs requested by 3GPP to IANA >>.**

8. Alternatives for the way to form the PIBs could also be considered, however the drafting group did not have sufficient time for the discussion. **<< Relates to importing all of parts of existing PIBS - CN3 have already decided not to import parts of the PIBs. However it is expected that the PIBs will become RFCs in the Rel-5 timeframe. Nortel still supports importing the PIBs. Ericsson had concerns on the stability of the PIB and the large amount of time required to complete the work for importing PIBs.>>**
9. The limitation section is still blank and has to be filled before the final completion of the specification. **<<There are presently no contributions on this - but work is still required and this will be discussed offline in order to see how to proceed.>>**
10. Editorial clean up such as consistent use of terminology has to be preformed together with the text part of specification. **<< Daisuke Yokota of Lucent will do this once the two parts are stable.>>**

**RESULT:** The document was **NOTED**.

**N3-020394:** **Proposed grouping of Go related contributions based on topics.** Presented by Daisuke Yokota of Lucent.

**RESULT:** The document was **AGREED**.

#### **9.1.2 29.207**

**N3-020514:** **TS 29.207 v1.2.0.** Presented by Daisuke Yokota of Lucent.

**CONTENT:** Contains version 1.2.0 that incorporates all the changes to 29.207 that were agreed in CN3#23.

**DISCUSSION:** This was discussed during the Go Drafting session.

**RESULT:** The document was **REVISED to 0517**.

**? REVISED?**

**N3-020517:** **TS 29.207 v1.3.0.** Presented by Daisuke Yokota of Lucent.

**CONTENT:** Contains version 1.3.0 that incorporates all the changes to 29.207 that were agreed in CN3#23 - and the comments made during the drafting session.

**DISCUSSION:** Incorporates 17 agreed documents from CN3#22 meeting.

Agreement to moved some text from 6.4 to 6.3. and the rapporteur will handle some minor editorial modifications.

Some newly agreed contributions need to be incorporated into 29.207.

Editor's notes and empty sections need to be examined and deleted as required.

CN3 will present this TS to CN#16 to be made v5.0.0 and brought under change control. However changes will be allowed to incorporate stage 3 functions that are already in the stage 2.

**RESULT:** The document was **REVISED to 0522**.

**? REVISED?**

**N3-020522:** **TS 29.207 v1.4.0.** Presented by Daisuke Yokota of Lucent.

**CONTENT:** Contains version 1.4.0 that incorporates all the changes to 29.207 that were agreed in CN3#23 - and the comments made during the drafting session.

**DISCUSSION:** There was a minor formatting correction that will be handled in the revised version.

**RESULT:** The document was **REVISED to 0524**.

? REVISED?

**N3-020524:** TS 29.207 v1.5.0. Presented by Daisuke Yokota of Lucent.

**RESULT:** The document was **DISTRIBUTED by EMAIL.**

### 9.1.2.1 Session Modification

**N3-020378** CR to 29.207 - Session modification handling, source Nokia. Presented by Ralitsa Gateva of Nokia.

**CONTENT:** The CR proposes changes to the session modification cases and the related revoke and removal procedures.

**DISCUSSION:** First parts of the change relates to the Siemens CR in N3-020442. Nokia can accept some of the Siemens text and those parts will be merged into 0464.

In the second part, there were some concerns with the procedures described and the use of timers. This was discussed offline and the result revised

**RESULT:** The document was **REVISED to 0465.**

? REVISED?

**N3-020465** CR to 29.207 - Session modification handling, source Nokia. Presented by Ralitsa Gateva of Nokia.

**RESULT:** The document was **AGREED.**

**N3-020442:** CR to 29.207 - Update of Overview section, source Siemens. Presented by Mirko Schramm of Siemens.

**DISCUSSION:** Nortel objected to the removal of Diffserv from the overview section. Siemens and Nokia agreed that this should be removed in order to allow stability for the TS for Rel-5.

Laurent Andriantsiferana [Cisco] suggested that Diffserv be included in 29.061 not 29.207.

It was agreed to delete the sentence relating to Diffserv from the overview section of 29.207 - although Diffserv is still a requirement for Rel-5. However Diffserv is still in the Stage 2 specifications - and this means that the stage 2 and 3 are misaligned. However this is due to time restraints in CN3 and SA2 have informed us that Diffserv is a low priority for Rel-5.

Although 29.207 will be frozen in June 2002, we can still make changes to introduce Diffserv - in order to align with the stage 2.

**RESULT:** The document was **REVISED to 0464.**

? REVISED?

**N3-020464:** CR to 29.207 - Update of Overview section, source Siemens / Nokia. Presented by Mirko Schramm of Siemens.

**RESULT:** The document was **AGREED.**

### 9.1.2.2 Flow Identifier

**N3-020384** CR to 29.207 - Definition of flow identifier, source Ericsson. Presented by Ragnar Huslende of Ericsson.

**CONTENT:** The document proposes to always reserve two flow ids per m-line.

**DISCUSSION:** CN3 need to see the LS from SA2 that should inform us how many flow identifiers can be part of one media component.

Some comments were taken on line to the text, and there was some offline discussions to resolve some minor issues.

**RESULT:** The document was **REVISED to 0470**.

? **REVISED?**

**N3-020470** **CR to 29.207 - Definition of flow identifier, source Ericsson.** Presented by Ragnar Huslende of Ericsson.

**DISCUSSION:** The corresponding CR in CN1 is on conditionally approved, pending the decision in CN3.

The limit in number of IP flow identifiers for one PDP context needs to be identified. CN1 need to be informed of this limit in order to proceed with their work.

The limit can be defined by the size of the TFT, and no precise max. value given to CN1.

Some offline discussions were required to resolve this.

**RESULT:** The document was **REVISED to 0501**.

? **REVISED?**

**N3-020501** **CR to 29.207 - Definition of flow identifier, source Ericsson.** Presented by Ragnar Huslende of Ericsson.

**DISCUSSION:** Explicit text describing how to handle a range will be considered at CN3#24.

In order to provide a bit more clarity there was a change of text to "The flow identifiers within the binding information can span one or more media components".

A similar change was made to 4.3.1.5.

**RESULT:** The document was **REVISED to 0520**.

? **REVISED?**

**N3-020520** **CR to 29.207 - Definition of flow identifier, source Ericsson.** Presented by Ragnar Huslende of Ericsson.

**RESULT:** The document was **AGREED**.

**N3-020436:** **CR to 29.207 - Flow ID definition alignment, source Nortel Networks.**

**DISCUSSION:** The Flow ID needs a specific format that needs to be done by CN3. CN1 rely upon the output from CN3 before proceeding their work.

**RESULT:** The document was **WITHDRAWN**.

**N3-020443:** **CR to 29.207 - Change of media flow to media component, source Siemens.** Presented by Mirko Schramm of Siemens.

**CONTENT:** This CR replaces media flow by the term media component.

**DISCUSSION:** Celine Bonnel [Nortel] had some concerns as the Nortel understanding was the term IP flow should be used when it affected the GGSN. Mirko stated that media component includes a set IP flows, it is a more global term.

The issue of using the use of the term IP Flows can be examined in the form of corrective CRs at the next CN3 meeting.

**RESULT:** The document was **AGREED**.

### 9.1.2.3 Authorization Token

**N3-020393:** **CR to 29.207 - Handling of authorization token, source Ericsson.** Presented by Ragnar Huslende of Ericsson.

**CONTENT:** The document proposes changes based on the assumption that the token can be represented as one octet string with no further internal structure.

**DISCUSSION:** Nortel have a document [N3-020437] that partly contradicts the Ericsson proposal.  
The GGSN must be able to identify the PCF identity from the token. However the identifier is transparent to the PIB.  
Siemens contribution [N3-020447] relates to the same section and makes a similar proposal.  
Proposed changes in 6.3.1.3 were agreed with the following modifications: It was proposed to remove the last sentence from 6.3.1.3. Can will be changed to shall.  
Changes to 6.4 will be handled in a drafting session.

**RESULT:** The document was **PARTLY AGREED (and the rapporteur noted the on-line changes)**.

**N3-020437: CR to 29.207 - enhancement, source Nortel Networks.** Presented by Louis-Nicolas Hamer of Nortel.

**CONTENT:** This contribution discusses why a format must be specified for the Authorisation Token, and proposes a format based on an Authorisation Token format defined in the IETF.

**DISCUSSION:** Ericsson have a major concern with the introduction of the requirement for all policies at an IP level be transported and treated over the UMTS.

It is agreed that we need to define somewhere in the specification the format of the Authorisation Token.

It was decide to spit the two issues contained in this document.

**RESULT:** The document was **SPLIT into 0471 and 0472**.

**N3-020471: CR to 29.207 - Format of the Authorization token, source Nortel Networks.** Presented by Louis-Nicolas Hamer of Nortel.

**CONTENT:** This contribution discusses why a format must be specified for the Authorisation Token, and proposes a format based on an Authorisation Token format defined in the IETF.

**DISCUSSION:** Change of text to "the binding information is formatted according to the structure of ...."

Note - The draft [11] is currently in IESG review and is expected to be published as an RFC soon (and in time for 3GPP Plenary).

We do not need to reference [11] in the specification (as it is covered by [12]).

**RESULT:** The document was **REVISED to 0496**.

? **REVISED?**

**N3-020496: CR to 29.207 - Format of the Authorization token, source Nortel Networks.** Presented by Louis-Nicolas Hamer of Nortel.

**DISCUSSION:** Reference [11] still needs to be removed. The text was modified slightly to mention only the specific element required in the RFC.

**RESULT:** The document was **REVISED to 0502**.

? **REVISED?**

**N3-020502: CR to 29.207 - Format of the Authorization token, source Nortel Networks.** Presented by Louis-Nicolas Hamer of Nortel.

**RESULT:** The document was **AGREED**.

#### 9.1.2.4 Other Binding Info related documents

**N3-020379 CR to 29.207 - Multiple IMS media components in a single PDP context, source Nokia.**

**RESULT:** The document was **REVISED before presentation to 0463**



? REVISED?

**N3-020463** **CR to 29.207 - Multiple IMS media components in a single PDP context, source Nokia.** Presented by Ralitsa Gateva of Nokia.

**CONTENT:** This CR proposes alignments to the simplifications in TS 23.228 and TS 23.207.

**DISCUSSION:** A Nortel contribution [N3-020472] suggests multiple binding information be carried in the PDP context for Rel-5. Nokia and Ericsson disagreed to this, stating that the requirement for Rel-5 is only to carry single binding information.

For forward compatibility we may describe what protocol needs to do in order to support multiple sets of binding information. This can be covered in the PIB. However the support of multiple sets is not a functional part of Rel-5.

When the GGSN received multiple binding information it shall pass this to the PCF. Also, the error cases need to be identified. The precise text for this was examined in an offline drafting session.

**RESULT:** The document was **REVISED to 0497.**

? REVISED?

**N3-020497** **CR to 29.207 - Multiple IMS media components in a single PDP context, source Nokia.** Presented by Ralitsa Gateva of Nokia.

**RESULT:** The document was **AGREED.**

**N3-020383** **CR to 29.207 - Validating binding information against the UE, source Ericsson.** Presented by Brian Williams of Ericsson.

**CONTENT:** The change provides the prevention of possible fraud scenario by ensuring the UE receiving the authorisation is involved in the SIP session.

**DISCUSSION:** It was agreed that a solution is required but it is not certain that this is the best solution. Alternative solutions have not yet been proposed / examined.

Some offline discussion was requested to examine this and other possible solutions.

It was stated that this issue should NOT be considered as a new feature (after the freezing of Rel-5) but as an error correction that will prevent fraud.

It was decided to add some text to 29.207 describing the possible fraud situation. With this added text and the above assumption CN3 postponed the development of a solution to the next meeting.

**RESULT:** The document was **REVISED to 0482.**

? REVISED?

**N3-020482** **CR to 29.207 - Validating binding information against the UE, source Ericsson.** Presented by Brian Williams of Ericsson.

**DISCUSSION:** Contains an editor's note that mentions the possibility of theft of service.

**RESULT:** The document was **AGREED.**

**N3-020445:** **CR to 29.207 - Binding mechanism handling in the PCF, source Siemens.** Presented by Mirko Schramm of Siemens.

**CONTENT:** The change allows the binding mechanism to verify of the binding information against the grouping indication information of media components for the IMS session in case of multiple flow identifiers.

**DISCUSSION:** Grouping information has been removed by SA2 and now been replaced by a binary flag. This will require some alignment in 29.207.

**RESULT:** The document was **REVISED to 0498.**

? REVISED?

**N3-020498: CR to 29.207 - Binding mechanism handling in the PCF, source Siemens.**  
Presented by Mirko Schramm of Siemens.

**RESULT:** The document was **AGREED**.

**N3-020472: CR to 29.207 - Handling of multiple policy elements, source Nortel Networks.**  
Presented by Louis-Nicolas Hamer of Nortel.

**RESULT:** The document was **Merged into 0497**.

### 9.1.2.5 Packet Filters

**N3-020382 CR to 29.207 - SBLP based packet filters and TFTs, source Ericsson.** Presented by Brian Williams of Ericsson.

**CONTENT:** Rules for authorising TFT against the SBLP based packet filters are specified, and any impacts to packet processing as specified in TS 23.060 are identified.

**DISCUSSION:** Nokia had some concerns about restricting the UE by mandating the UE to match the information between SIP and PDP context layers.

The UE may have problems defining the TFT that the correct PDP context for an incoming IP packet.

There are several different alternatives, and this needs to be examined further, it will be re-discussed at the end of this meeting, and if agreement cannot be reached then it will be re-presented at CN3#23.

SBLP based packet filters and TFTs will be a part of Rel-5 although we have not yet reached an agreed solution in CN3.

This issue has not yet been raised in SA2. Ericsson will do this at the next SA2 meeting in order to allow a complete solution to be made in the CN3#24 meeting.

Siemens agreed to this Ericsson proposal, but wished more time to examine alternative solutions.

The editor's notes in 5.1.4 state that this is for further study. This issue is postponed to CN3#24 to allow discussion in SA2.

**RESULT:** The document was **Postponed to CN3#24**.

**N3-020433: CR to 29.207 - Alignment of 'Gate' functionality with requirements, source Nortel Networks.** Presented by Celine Bonnel of Nortel.

**CONTENT:** This change aligns the 'Gate' functionality defined in 29.207 with the requirements defined in 23.207.

**DISCUSSION:** The contribution has two main parts one that is related to DIFFSERV and the other on IP QoS. There is a related contribution on IP QoS information in N3-020429.

There was a great deal of circular discussion on where the combine function should be done at what level and the content of the data that needs to be sent over the COPS PR protocol.

In this contribution Nortel are attempt to align the stage 3 with the stage 2, and do not agree with the change of direction that has been proposed by CN3. However it was mentioned that agreement has not been reached on this issue in SA2.

Ericsson, Nokia and Siemens agreed that there is no need for IP flows in the GGSN

Hatef Yamini [H3G] proposed a compromise that the Go interface transports the requested information but does not define what the GGSN does with it.

Decided to send a LS to SA2 [N3-020467] requesting clear guidance on whether IP flow or PDP context are to be used.

CN3 will await guidance on this issue before proceeding.

**RESULT:** The document was **NOT AGREED**.

**N3-020467:** **LS to SA2 on the Go Interface, source CN3, [Nortel]**. Presented by Louis-Nicolas Hamer of Nortel.

**CONTENT:** In this LS, CN3 ask SA2's opinion on the scope of the Go interface discussed below.

**DISCUSSION:** It was decided to remove the extracts of the specifications, and re-structure the text to be more concise and clear.

SA5 are working on IP flow based charging and need to be copied on this LS.

Also the Question needs to be clarified to specify Rel-5.

Title needs to be more specific and this should reference the LS from SA2.

**RESULT:** The document was **REVISED to 0499**.

? **REVISED?**

**N3-020499:** **LS to SA2 cc SA5 on the Go Interface, source CN3, [Nortel]**. Presented by Louis-Nicolas Hamer of Nortel.

**DISCUSSION:** On line comments were taken to the text. It was decided not to sent the LS to SA5, and let SA2 deal with this.

**RESULT:** The document was **REVISED to 0510**.

? **REVISED?**

**N3-020510:** **LS to SA2 on the Go Interface, source CN3**.

**RESULT:** The document was **APPROVED**.

**N3-020429:** **CR to 29.207 - IP flow information over the Go interface, source AWS**. Presented by Steve Dutnall of AWS.

**CONTENT:** It is proposed that the individual IP flow information be included in the combined authorised information IP flow over the Go interface. Adds the combining function in the PCF (that was originally done in the GGSN).

**DISCUSSION:** Ericsson had concerns that the control of the individual flows is not yet defined. How will this work for aggregate and individual flows? Also the content of the QoS information is not yet know. What is the correct information that is required? Ericsson feel we need to agree on the 'function' before we define the detailed protocol.

This proposal is similar to the second change presented in the Nortel document [N3-020433].

There is not presently a requirement for the GGSN to treat IP based flows separately either on the UMTS side or the core network side. A mechanism exists that allows the IMS to force media components to open separate PDP contexts and this may be a preferred solution.

**RESULT:** The document was **NOT AGREED**.

**N3-020434:** **CR to 29.207 - Authorised QoS information passed from the PCF to the GGSN, source Nortel Networks**. Presented by Louis-Nicolas Hamer of Nortel.

**CONTENT:** This contribution specifies the QoS parameters needed to be passed from the PCF to the GGSN.

**DISCUSSION:** This again relates to Diffserv. How do we derive bandwidth information?

Due to lack of time this document was not discussed.

**RESULT:** The document was **WITHDRAWN**.

**N3-020435:** **CR to 29.207 - Packet filters data structure, source Nortel Networks.** Presented by Louis-Nicolas Hamer of Nortel.

**CONTENT:** This contribution aims at specifying the filter data structure.

**DISCUSSION:** We need the filter specified between the PCF and the GGSN.

Nortel suggesting taking the syntax from the framework PIB and apply it to the 3GPP Go PIB for these filter based table and related sections. Ericsson have a related change [N3-020381] that suggests taking information from the DIFFSERV MIB and not the Framework PIB.

There are three main questions that need to be answered:

**- What data do we include in the PIB?**

CN3 Agreed to have -Source IP address - Destination IP address - Source IP ports - Destination ports and Protocol ID. CN3 agreed NOT to use Flow ID and DSCP parameters.

**- Do we copy or import?**

CN3 Agreed to cut & Paste the required parts.

**- Which document do we copy or import from?**

CN3 agreed to use the Framework PIB.

It was decided to revise this contribution, removing the Flow ID and DSCP parameters.

**RESULT:** The document was **REVISED to 0468**

? **REVISED?**

**N3-020468:** **CR to 29.207 - Packet filters data structure, source Nortel Networks.** Presented by Louis-Nicolas Hamer of Nortel.

**DISCUSSION:** 3GPP base filter entry has also been defined in an Ericsson contribution. However Ericsson contribution is in line with the decision relating to a Nokia contribution taken in CN3#22 to not to introduce the port range.

Ericsson argued that the <<??>> object type is not needed (at this time) and should be removed. Nortel preferred to retain the text and remove it later.

**RESULT:** The document was **REVISED to 0508**

? **REVISED?**

**N3-020508:** **CR to 29.207 - Packet filters data structure, source Nortel Networks.**

**DISCUSSION:** the negate had not been removed.

**RESULT:** The document was **REVISED to 0511**

? **REVISED?**

**N3-020511:** **CR to 29.207 - Packet filters data structure, source Nortel Networks.**

**RESULT:** The document was **AGREED.**

**N3-020381:** **CR to 29.207 - Go PIB", source Ericsson.** Presented by Brian Williams of Ericsson.

**CONTENT:** Most of the document has been included in the Go PIB. However the contribution includes a suggestion to import terms from the diffserv MIB - this was not agreed in the Go drafting session.

**DISCUSSION:** [See discussion in 0435]. It was not agreed to use the information from the diffserv MIB. however other parts have been included in the Go PIB.

**RESULT:** The document was **Part AGREED.**

**N3-020430:** **CR to 29.207 - Filtering for the signalling PDP context AWS.** Presented by Steve Dutnall of AWS.

- CONTENT:** The document proposes that a bi-directional filtering mechanism is introduced in the GGSN for the signalling PDP context.
- DISCUSSION:** Nortel have a contribution that may help in solving this problem [N3-020438].  
H3G have examine this and proposed a filter defined statically in each GGSN. Steve Dutnall confirmed that the filter will probably be applied locally to each GGSN.  
Issue has not been resolved in this meeting, and several solutions are being discussed. This needs to be resolved for Rel-5. Solutions are expected at CN3#23.
- RESULT:** The document was **DISCUSSED**.

### 9.1.2.6 Charging

- N3-020444:** **CR to 29.207 - Update of charging correlation, source Siemens.** Presented by Mirko Schramm of Siemens.

**CONTENT:** In this change, the abbreviation for the GPRS charging identifier was included. Several sections were extended by missing information details of charging correlation. Furthermore, information on the timing and the COPS message used for the transfer was added.

**RESULT:** The document was **AGREED**.

- N3-020453:** **CR to 29.207 - Distribution of IMS charging ID (ICID) from PCF/P-CSCF to GGSN, source Ericsson.**

**RESULT:** The document was **REVISED before presentation to 0466**

? **REVISED?**

- N3-020466:** **CR to 29.207 - Distribution of IMS charging ID (ICID) from PCF/P-CSCF to GGSN, source Ericsson.** Presented by Ragnar Huslende of Ericsson.

**CONTENT:** CN3 has received the requirement to transport the IMS Charging ID (ICID) from P-CSCF/PCF to GGSN over the Go interface but it has not been really clear what the GGSN is supposed to do with the ICID.  
It is proposed that CN3 send an LS to SA5 asking for clarification on the handling of the ICID in the GGSN, and possibly requesting SA5 to examine if other solutions with lower requirements on the GGSN (e.g. memory storage) could be utilised.

**DISCUSSION:** Agreement from the meeting to send a LS to SA5 (cc SA2) [N3-020469]. Information on the size and format of ICID are also requested.

**RESULT:** The document was **NOTED**.

- N3-020469:** **LS OUT to SA5 and SA2 on Rev .Distribution of IMS charging ID (ICID), source CN3.** Presented by Ragnar Huslende of Ericsson.

**CONTENT:** In this LS CN3 ask SA5 to indicate the format and size of the ICID, and to clarify the requirements on the GGSN handling of ICIDs.

**DISCUSSION:** Add text explaining that we require the definition of the ICID so we can include it in the GO protocol.

**RESULT:** The document was **REVISED to 0500**.

? **REVISED?**

- N3-020500:** **LS OUT to SA5 and SA2 on Rev .Distribution of IMS charging ID (ICID), source CN3.** Presented by Ragnar Huslende of Ericsson.

**DISCUSSION:** Offline comments received.

**RESULT:** The document was **REVISED to 0507**.

? **REVISED?**

**N3-020507:** **LS OUT to SA5 and SA2 on Rev .Distribution of IMS charging ID (ICID), source CN3.** Presented by Ragnar Huslende of Ericsson.

**RESULT:** The document was **APPROVED**.

### 9.1.2.7 Message and PIB

**N3-020387:** **29.207 Annex B: Go 3GPP PIB, source Go drafting session.** Presented by Celine Bonnel of Nortel.

**CONTENT:** The aim of this contribution is to provide CN3 with a complete Go 3GPP PIB, so that it can be part of the TS 29.207 for approval submission to the CN plenary meeting in June 2002.

**DISCUSSION:** Brian Williams [Ericsson] made some online comments to the document. The document will be updated by Nortel this week, and a revised version presented to CN3.

It is considered that the PIB is fairly complete (approx 60%). There are some syntax corrections some object identifiers that need to be completed. Major area of remaining work is the capability limitations.

**RESULT:** The document was **REVISED to 0462**.

? **REVISED?**

**N3-020462:** **29.207 Annex B: Go 3GPP PIB, source Go drafting session.**

**DISCUSSION:** Discussed in the Go drafting session.

**RESULT:** The document was **REVISED to 0516**.

? **REVISED?**

**N3-020516:** **29.207 Annex B: Go 3GPP PIB, source Go drafting session.** Presented by Louis-Nicolas Hamer of Nortel.

**CONTENT:** Contains the latest version of the complete Go 3GPP PIB, and contains all the agreed changes from the Go drafting session and CN3#22.

**DISCUSSION:** Agreed to be added to the Annex of 29.207.

**RESULT:** The document was **AGREED**.

**N3-020388:** **CR to 29.207 - Go Protocol, source Ericsson.** Presented by Brian Williams of Ericsson.

**CONTENT:** Updates the text part of the specification to reflect the changes already agreed to the PIB.

**DISCUSSION:** Comments were made to not delete certain parts or the original text - this was agreed by Ericsson.

Also it was requested that the term may / be replaced with some more solid text in the change "*this parameter may appear once for each direction*"

The details of these changes were clarified in an offline drafting session.

**RESULT:** The document was **REVISED to 0483**.

? **REVISED?**

**N3-020483:** **CR to 29.207 - Go Protocol, source Ericsson.** Presented by Brian Williams of Ericsson.

**RESULT:** The document was **AGREED**.

**N3-020391:** **CR to 29.207 - Install/Remove instead of Null Decision ", source Ericsson.** Presented by Brian Williams of Ericsson.

**CONTENT:** The change will permit the NULL decision cannot carry an error reason.  
**DISCUSSION:** The updated cause values need to be mapped (or new ones created). This still needs to be done.  
**RESULT:** The document was **AGREED**.

**N3-020447: CR to 29.207 - Update of section on client specific information, source Siemens.** Presented Mirko Schramm of Siemens.

**CONTENT:** The contribution corrects imprecise and wrong statements.  
**DISCUSSION:** Modifies the same section as [N3-020393] - Nokia contribution [N3-020463] also makes similar changes to the Siemens contribution.  
**RESULT:** The document was **AGREED**.

**N3-020449: CR to 29.207 - Update of Go message description, source Siemens.** Presented by Mirko Schramm of Siemens.

**CONTENT:** Provides corrections to Go message description.  
**DISCUSSION:**  
**RESULT:** The document was **AGREED**

#### 9.1.2.8 Others

**N3-020367 CR to 29.207 - Overall Amendments, source Lucent Technologies.** Presented by Daisuke Yokota of Lucent.

**CONTENT:** The terminology “Policy Enforcement Point“, “PEP in GGSN“, and “PEP” are replaced by “GGSN” wherever possible to avoid confusion. The consistent use of the terminology “GCID” and “ICID” has also been checked. Necessary abbreviations have been added to the abbreviation list. Several editorial corrections have also been applied.  
**DISCUSSION:** CN3 agreed that we can state the PEP is part of the GGSN and the only use the term GGSN in the specification. CN3 agreed to the exceptions mentioned in the document.  
**RESULT:** The document was **AGREED**.

**N3-020372 CR to 29.207 - Local Policy Decision Point in GGSN, source SKT.** Presented by Mr. Wooyong Choi of SKT.

**CONTENT:** This contribution proposes some modifications to the Local policy decision point(LPDP) function existing in the GGSN.  
**DISCUSSION:** Nokia has made changes to the same figure in N3-020377.

It was noted that the diagrams have been created in VISIO and this is not an approved software for 3GPP specifications. The use of VISIO is not permitted in 3GPP specifications [see 3GPP drafting rules].

Nokia and Siemens did not agree to the proposal for the local policy decision point.

No agreement to change the figure or text as proposed. This will be discussed in an offline discussion.

**RESULT:** The document was **REVISED to 0485**

**? REVISED?**

**N3-020485 CR to 29.207 - Local Policy Decision Point in GGSN, source SKT.** Presented by Mr. Wooyong Choi of SKT.

**RESULT:** The document was **WITHDRAWN**.

**N3-020377 CR to 29.207 - enhancements, source Nokia.** Presented by Ralitsa Gateva of Nokia.



**CONTENT:** Provides several enhancements to 29.207.

**DISCUSSION:** Steve Dutnall [AWS] stated there would be serious security issues if the source IP and/or port are wildcarded. He preferred to leave the editors note and send a LS to SA2 requesting clarification. It was agreed to send a LS to SA2 (cc CN1) requesting clarification [N3-020486].

There is some conflict with an Ericsson document relating to the moving of text in 5.2.1 The Ericsson contribution has already been agreed, and Nokia will align their change with the Ericsson contribution.

Once again Nortel had concerns with the deletion of Diffserv control in the overview. Nortel expect SA2 to provide clarity on this in a response to our LS. Nortel repeated that Diffserv is mandated in TS 23.207 and in the LS from SA2 (although it is to be given a low priority in CN3). Nortel proposed including some basic text to cover this.

Nokia and Ericsson supported removing the text relating to Diffserv control via the Go as it is not desirable to have empty sections and non-defined text in a specification that is going to be frozen in the next meeting.

All empty sections need to be removed before the specification is presented to CN#16 for approval. This can be done now or at the end of the week (when Diffserv may have been discussed - time allowed).

Note removing Diffserv will mean the stage 3 is inconsistent with the stage 2. Removing RSVP will mean the CN3 specification is inconsistent with the CN4 specification. However changes can be made in the future to correct this misalignment (via corrective CRs)

Figure 4.2 is also modified in the SKT change to the same section. .

**RESULT:** The document was **REVISED to 0487**

? **REVISED?**

**N3-020487** **CR to 29.207 - enhancements, source Nokia.** Presented by Ralitsa Gateva of Nokia.

**RESULT:** The document was **AGREED.**

**N3-020486** **LS OUT to SA2 cc CN1 on 'on the wildcarding of source IP addresses and port numbers in the PCF for the packet classifier ', source CN3.** Presented by Steve Dutnall of AWS.

**CONTENT:** In this LS, CN3 ask SA2's and CN1's opinion on this and whether a particular solution exists for the Release 5 timeframe to ensure that the packet filtering can identify packets which are authorised for the traffic case.

**DISCUSSION:** Minor type errors were corrected on-line.

**RESULT:** The document was **APPROVED.**

**N3-020389** **CR to 29.207 - Go related error indication to UE, source Nokia.** Presented by Ralitsa Gateva of Nokia.

**CONTENT:** Go related error indications from GGSN to UE are proposed to be carried in the Protocol Configuration Options IE to get it transparently through the SGSN.

**DISCUSSION:** Questions on how we use the PCO to pass error indication to the UE (especially in the case where the UE is split). This issue can be separated into 2 parts

- An new error code is needed to inform the UE that there is an Go error.
- Include this error code in the PCO. This needs CN1 approval.

After some offline discussion - the solution was agreed on the condition that the corresponding mechanism is also agreed in CN1.

**RESULT:** The document was **AGREED**



**N3-020446:** **CR to 29.207 - Update of section on initial authorization, source Siemens.**  
Presented by Mirko Schramm of Siemens.

**CONTENT:** The change deletes from 5.1.1 any reference to PDP context modification as trigger for an initial authorization.

**DISCUSSION:** Editors notes will be deleted before presentation to plenary. Therefore we do not need to insert a new editors note here.

Ericsson have an Agreed contribution in N3-020391 that also makes changes to 5.1.1.

Mirko will revise the CR to align with the text in the Ericsson contribution.

**RESULT:** The document was **REVISED to 0488.**

? **REVISED?**

**N3-020488:** **CR to 29.207 - Update of section on initial authorization, source Siemens.**  
Presented by Mirko Schramm of Siemens.

**RESULT:** The document was **AGREED.**

**N3-020448:** **CR to 29.207 - Update of PCF capabilities, source Siemens.** Presented by Mirko Schramm of Siemens.

**CONTENT:** Removes inconsistent information in different parts of the specification.

**DISCUSSION:** Minor change made to the wording 'indicates an change of bearer modif...!..

**RESULT:** The document was **REVISED to 0489.**

? **REVISED?**

**N3-020489:** **CR to 29.207 - Update of PCF capabilities, source Siemens.** Presented by Mirko Schramm of Siemens.

**RESULT:** The document was **AGREED.**

### 9.1.3 29.208

**N3-020515:** **TS 29.208 v1.2.0.** Presented by Daisuke Yokota of Lucent.

**CONTENT:** Contains version 1.2.0 that incorporates all the changes to 29.208 that were agreed in CN3#23.

**DISCUSSION:** This was discussed during the Go Drafting session.

**RESULT:** The document was **REVISED to 0518.**

? **REVISED?**

**N3-020518:** **TS 29.208 v1.3.0.** Presented by Daisuke Yokota of Lucent.

**CONTENT:** Contains version 1.3.0 that incorporates all the changes to 29.208 that were agreed in CN3#23 - and the comments made during the drafting session.

**DISCUSSION:** The figures are in VISIO and this is not w software supported in 3GPP specification. They will need to be changed to a supported software format.

This specification is almost stable and will be presented to CN#16 for approval.

A clean version is provided in the revised tdoc.

Also there are empty sections in this TS, such as 5.2 - Resource reservation with End-to-End RSVP. The stage 2 still has this functionality and the section will remain with an editors note explaining this.

**RESULT:** The document was **REVISED to 0523.**

? **REVISED?**

**N3-020523:** **TS 29.208 v1.4.0.** Presented by Daisuke Yokota of Lucent.

**RESULT:** The document was **DISTRIBUTED by EMAIL.**

#### 9.1.3.1 Call Flows

**N3-020373** **CR to 29.208 - Resource reservation flows without End-to-End RSVP with SBLP, source SKT.** Presented by Mr. Wooyong Choi of SKT.

**CONTENT:** This contribution proposes some clarifications to the resource reservation flows with Service-based local policy.

**DISCUSSION:** Comment to STEP 9 that it is not in line with the LS received from SA2. Modified text was suggested.

Also the reject (negative) case was added to STEP 10.

After some discussion, it was agreed to include STEP 7.

There is no need to include the binding information in STEP 2.

The following figure need to be replaced by figure 5.1. (No need for a 5.1.1).

**RESULT:** The document was **REVISED to 0490.**

? **REVISED?**

**N3-020490** **CR to 29.208 - Resource reservation flows without End-to-End RSVP with SBLP, source SKT.** Presented by Mr. Wooyong Choi of SKT.

**RESULT:** The document was **AGREED.**

**N3-020374** **CR to 29.208 - Session Modification Handling Procedures in TS 29.208, source SKT.** Presented by Mr. Wooyong Choi of SKT.

**CONTENT:** This contribution proposes a new procedure in 5.3.1 "Authorization of the PDP context modification". This procedure is applicable to both COPS pull and push operation.

**DISCUSSION:** Suggested changing the text "process resource request" into "authorisation request" throughout the specification. This does not relate directly to the change. The rapporteur will do this change in the drafting session.

Comments to section 6.5.2. A requirement to add text to cover the following two cases. The modification TO 0kbit/s is initiated by the GSGN. The modification FROM 0kbit/s is initiated by the UE.

Decided to remove the example from bullet 3.

There was a decision to examine how P-CSCF may be replaced by PCF during the drafting session.

**RESULT:** The document was **REVISED to 0491**.

? **REVISED?**

**N3-020491** **CR to 29.208 - Session Modification Handling Procedures in TS 29.208, source SKT.** Presented by Wooyong Choi of SKT.

**DISCUSSION:** Change of text in 6.5 to have modified to/from. Also remove of the term 'following' figure

**RESULT:** The document was **REVISED to 0509**.

? **REVISED?**

**N3-020509** **CR to 29.208 - Session Modification Handling Procedures in TS 29.208, source SKT.** Presented by Wooyong Choi of SKT.

**RESULT:** The document was **AGREED**.

### 9.1.3.2 QoS Mapping

**N3-020375** **CR to 29.208 - Framework for QoS Parameter Mapping, source SKT.**

**RESULT:** The document was **REVISED before presentation to 0492**.

? **REVISED?**

**N3-020492** **CR to 29.208 - Framework for QoS Parameter Mapping, source SKT and Ericsson.** Presented by Mr. Wooyong Choi of SKT.

**CONTENT:** This contribution proposes some cleanup for more clarification to the QoS parameter mapping in the section 7 of TS 29.208 v1.1.0.

**DISCUSSION:** Some alignment will be required. This will be done in the Go Drafting session.

The SDP Parameters should not be related to the Translation/Mapping function.

Figure 7.2 needs to be aligned with figure 7.1.

Note this CR introduces a change to table 7.1.2 that conflicts with a change in a similar change from Ericsson. These need to be combined. (Into 0494).

**RESULT:** The document was **MERGED into 0494**

**N3-020451:** **CR to 29.208 - Maximum authorized QoS parameters for aggregated flows, source Ericsson.** Presented by Reidar Ericsson of Ericsson.

**CONTENT:** The purpose of this contribution is to update the description in TS 29.208 with a framework for how the Maximum Authorized QoS Parameters are calculated when more than one media flow are carried in a PDP Context.

**DISCUSSION:** Siemens have proposed to replace the term "media flow" with "media component". This issue will be dealt with in the Go drafting session.

Hatef Yamini [H3G] had concerns with defaulting the authorized bandwidth to 2Mbit/s. It is preferable that this be operator configurable. Ericsson agreed to this change.

Mirko Schramm [Siemens] preferred to detail the binding information in 7.1.2, and not the have text "max auth. bandwidth per PDP context is the sum of..." Ericsson agreed to this change.

Clarification required on the Editors note " Whether Maximum or Guaranteed Bitrate shall be compared is ffs". This will be discussed offline with an aim of reaching a solution.

Notes from figure should not be inside a diagram [[Drafting Rules]].

**RESULT:** The document was **REVISED to 0494.**

? **REVISED?**

**N3-020494: CR to 29.208 - Maximum authorized QoS parameters for aggregated flows, source Ericsson.** Presented by Reidar Ericsson of Ericsson.

**DISCUSSION:** Changes made offline.

**RESULT:** The document was **REVISED to 0512.**

? **REVISED?**

**N3-020512: CR to 29.208 - Maximum authorized QoS parameters for aggregated flows, source SKT and Ericsson.** Presented by Reidar Ericsson of Ericsson.

**DISCUSSION:** Figure 7.1 need to show the PEP inside the IP BS manager

Table 7.1.2 change to 'media flows identified by the binding information'.

Siemens proposed next text so that the application will deliver the values extracted from the SDP value.

Align the lines used in figures 7.1 and 7.2. Use dashed or solid.

**RESULT:** The document was **REVISED to 0513.**

? **REVISED?**

**N3-020513: CR to 29.208 - Maximum authorized QoS parameters for aggregated flows, source SKT and Ericsson.** Presented by Reidar Ericsson of Ericsson.

**DISCUSSION:** Editors notes below tables to be removed [handled by the rapporteur].

**RESULT:** The document was **AGREED.**

### 9.1.3.3 Others

**N3-020368: CR to 29.208 - Overall Amendments, source Lucent Technologies.**

**RESULT:** The document was **WITHDRAWN before presentation.**

**N3-020438: CR to 29.208 - clarification, source Nortel.** Presented by Louis-Nicolas Hamer of Nortel.

**CONTENT:** It is proposed to define an additional information element type within the Policy Element for carrying a request for statically defined policy, such as that required for IMS Signalling.

If the proposal is agreed in CN1, then it is proposed that CN3 define the format of the 3GPP\_STATIC\_POLICY information element in an Annex to 29.207.

**DISCUSSION:** The LSs from CN1 and SA2 on this issue mention a signalling flag, and not the solution proposed here.

The related CR was not approved in CN1.

**RESULT:** The document was **WITHDRAWN.**

**N3-020450: CR to 29.208 - Update of modification call flows.**

**RESULT:** The document was **WITHDRAWN before presentation**.

**N3-020452:** **CR to 29.208 - Maximum bitrate for Maximum Authorized Bandwidth, source Ericsson.**

**RESULT:** The document was **WITHDRAWN before presentation**.

**N3-020480:** **CR to 29.208 - changes according to guidance from SA2, source Ericsson.**  
Presented by Reidar Ericsson of Ericsson.

**CONTENT:** The purpose of this contribution is to modify the description in TS 29.208 according to the guidelines given by SA2 in LS [N3-020473].

**DISCUSSION:** Removal of the option to reject is in accordance to the LS. However the LS stated "may downgrade" (i.e. not mandated). Hatf Yamini [H3G] wanted to retain the option for the network to be able to reject a QoS if it does not match (in addition to the downgrade).

Mirko Schramm [Siemens] had concerns with this solution not being aligned with the decisions taken in SA2.

Nokia proposed that this be operator configurable. Ericsson had some concerns with the proposal but could agree to the operator being able to configure whether it downgrades or rejects, (hence the option remains). The text in this CR was changed to reflect this.

Text in 7.2.2 was also changed to allow the GGSN to downgrade in the case this mapping rule is implemented.

**RESULT:** The document was **REVISED to 0495**.

? **REVISED ?**

**N3-020495:** **CR to 29.208 - changes according to guidance from SA2, source Ericsson.**  
Presented by Reidar Ericsson of Ericsson.

**RESULT:** The document was **AGREED**.

## 9.2 Service change and UDI fall back

 **CN3 consider their work to this Work Item as 100% Complete**

No input to this agenda item.

## 9.3 Technical Enhancements & Improvements (TEI)

No input to this agenda item.

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# 10 Release 6

## 10.1 Interworking between IM subsystem and IP

 **CN3 consider their work to this Work Item as xx% Complete**

**N3-020439:** **Updates suggested for TR on interworking between 3GPP profile of SIP and non-3GPP usage of SIP, source Siemens.** Presented by Thomas Belling of Siemens

**CONTENT:** Contains updates suggested for TR on interworking between 3GPP profile of SIP and non-3GPP usage of SIP

**DISCUSSION:** The mandated use of 'preconditioning' is still under discussion in CN1. There will be some discussion on this in CN1 this week.

**If** 'preconditioning' is mandated for 3GPP Rel-5. then this TR is not required. However it may be required for later releases.

However, this is a Rel-6 issue and may be discussed offline or re-presented to the next CN3 meeting.

**RESULT:** The document was **NOTED**.

## 10.2 Interworking between IM Subsystem with CS

### CN3 consider their work to this Work Item as xx% Complete

**N3-020441:** [CR - 29.163] Proposed updates to Section 9 MGCF - IM-MGW Interaction, source Siemens. Presented by Thomas Belling of Siemens.

**Content:** Adds the results of the agreement on work split to 29.163.

**DISCUSSION:** CN4 has endorsed the proposed work split.

CN4 will not create a new WID for this interface, and propose that it should be covered in the existing CN3 WID [see N3-020521].

**RESULT:** The document was **AGREED**.

**N3-020521:** Updated WID for Interworking between IM Subsystem with CS, source Vodafone. Presented by Nick Russell of Vodafone.

**CONTENT:** The WID is updated to include the Worksplit between CN3 and CN4 on the IMS Mc interface, as well as the user plane framing protocol interworking between IM CN subsystem and circuit switched networks, as agreed within CN3 and CN4.

**DISCUSSION:** CN4 wish to see the WID once it is AGREED in CN3 in order to endorse it.

**RESULT:** The document was **AGREED**.

## 10.3 Interworking of CS UP between 3GPP and external networks

### CN3 consider their work to this Work Item as xx% Complete

**N3-020484:** Work split for Rel-6 WI related to CS UP between 3GPP and external networks, source Ericsson.

**CONTENT:** Discussed in Break out session on Thursday.

**DISCUSSION:** Siemens and Motorola wish to be added to the supporting companies to this work..

The work will mainly be done in CN4. CN3s work will be included in our existing WID interworking between IMS and CS. This WID may need to be updated.

Therefore, CN3 WID for interworking CS-UP between 3GPP and external networks is no longer required. Hence document N3-020290 (from CN3#22) will not be presented to CN#16.

**RESULT:** The document was **AGREED**.

## 10.4 Other Rel-6 Work Items

**N3-020428:** Proposed WI: MBMS, source H3G. Presented by Hatef Yamini of H3G.

**CONTENT:** Contains an updated version of the MBMS WID. It has been updated to reflect the comments received at the previous round of CN working groups meetings. It is proposed to submit the WID to TSG CN#16 for approval.

**DISCUSSION:** Presented to CN3, only for information (CN3 have no direct involvement with this WID). The impact on GGSN is not yet known. It is possible that there may be impacts on 29.061, and supporting companies will investigate this further. Norbert will report this back to CN Plenary.

**RESULT:** The document was **NOTED**.

**N3-020431: Mp Interface requirements, source Vodafone.** Presented by Nick Russell of Vodafone.

**CONTENT:** This contribution describes the requirements of the Mp Interface, i.e. the interface between the Media Resource Function Controller (MRFC) and a Media Resource Function Processor (MRFP). Additionally, it describes the work required including particular areas which needs to be considered by different working groups.

**DISCUSSION:** Agreement in CN3 to give the following work to CN4 - "define signalling interactions between AS/S-CSCF, MRFC and MRFP".

Change of text to "interaction between SIP (SDP) and H.248 at the MRFC, i.e. due to introduction of the Sr Interface "

**RESULT:** The document was **AGREED**

**N3-020432: WID - MRFC to MRFP Interface, source Vodafone.** Presented by Nick Russell of Vodafone.

**CONTENT:** Contains a new Release 6 Work Item, which describes the interaction between the Media Resource Function Controller (MRFC) and a Media Resource Function Processor (MRFP).

**DISCUSSION:** Norbert has concerns on the statement - "New H.248 Packages will be defined, if external standardisation bodies do not standardise suitable Packages within the 3GPP Rel-6 time frame". Norbert felt that may lead to duplicate standardisation. It was decided to remove the reference to external bodies from the WID.

SA2 can be deleted from the 2<sup>nd</sup> responsibility.

Change the term "interworking" to "interaction".

CN3 feel that CN4 have the majority of work to do for this WID It is not known if CN3 has much work to do (possibly changes to 29.163). There may be greater involvement from CN1 than CN3. This will be discussed offline.

**RESULT:** The document was **REVISED to 0458**

**? REVISED?**

**N3-020458: Rev. WID - MRFC to MRFP Interface, source Vodafone.**

**DISCUSSION:** As the corresponding work was postponed in CN4, this contribution was withdrawn.

**RESULT:** The document was **WITHDRAWN**.

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## 11 Joint sessions

No joint sessions were held during this meeting.

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## 12 Work Organization

### 12.1 Work Plan Review

**N3-020417: 3GPP Project Plan.** Presented by David, MCC.

**CONTENT:** Contains the latest version of the 3GPP project plan, as approved at SA#15 plenary including several updates from WGs.

**DISCUSSION:** Discussed and edited on line - Will be presented to CN#16 as the status of work progress in CN3.

**RESULT:** The document was **DISCUSSED**.

**N3-020519: Comments to the WI on IMS-CS interworking, source Ericsson.** Presented by Ragnar Huslende of Ericsson.

**CONTENT:** Therefore, CN3 has agreed that the work cannot be practically split into two parts. (i.e. Rel-5 and Rel-6 parts). Consequently, the related TS 29.163 should not be approved for Rel-5.

**DISCUSSION:** Lucent and mm02 did not agree with the last sentence of the quoted text: "*CN3 has agreed that the work cannot be practically split into two parts. (i.e. Rel-5 and Rel-6 parts). Consequently, the related TS 29.163 should not be approved for Rel-5.*"

All other companies present in the meeting agreed to this being moved to Rel-6. Nortel, TIM and Qualcomm expressed no opinion on this.

CN3 have agreed that the work cannot be split between Rel-5 and Rel-6. TS 29.163 will be sent to CN#16 to show the work that has been completed.

Thomas Belling [Siemens] would prefer that TS 29.163 not to be put under change control as it is unstable and many sections need to be completed. In addition we have added additional functionality from the new IMS Mc interface. The technical content of the TS is not 80% stable.

The ITU-T dependencies are now planned for completion in December 2002 (moved back from February 2002). However if the work is not finalised this could be pushed back into 2003.

Ericsson asked if companies pushing for this work to be included in 3GPP Rel-5 will advance the work in the ITU-T (and in 3GPP).

Daisuke Yokota [Lucent] stated that the missing parameter mappings can be done via proprietary solutions and then complete the standardisation when ITU-T complete their work. Ericsson did not see this as a valid argument for including this in Rel-5.

Stephen Hayes [Ericsson / CN chair] - states that CN3 do not have a mandated requirement to present this TS to CN#16, and are free to decide based on technical reasons.

**In summary:-**

**CN3 do not believe this work can be split between Rel-5 and Rel-6.**

**CN3 will present 29.163 to CN#16 for information**

**CN3 will ask CN plenary not to make this a v5.0.0 and not to put it under change control.**

**Companies are asked to bring contributions to advance this work to ITU-T and 3GPP.**

**RESULT:** The document was **AGREED**.

## 12.2 Specification Review

### 12.3 Next meetings, allocation of hosts

**N3-020456: Proposed meeting dates for 2003, source CN Chair.** Presented by CN3 Chair.

**CONTENT:** CN3 has not problems with these dates.

Japan had a major fixed holiday in week Aug. 11-15 (mentioned as an alternative week for the August meeting). If possible the meeting should not be held in that week.

**RESULT:** The document was **NOTED**.

Jun 2002				
<a href="#">3GPPCN#16</a>	OR	5 - 7 Jun 2002	Marco Island, Florida , NA Friends	US
Jul 2002				
<a href="#">3GPPCN3-#24</a>	WG	29 Jul - 2 Aug 2002	Helsinki , SONERA *	FI



Sep 2002				
<a href="#">3GPPCN-#17</a>	OR	4 - 6 Sep 2002	Biarritz , ALCATEL	FR
<a href="#">3GPPCN3-#25</a>	WG	23 - 27 Sep 2002	North America , NA Friends *	US
Nov 2002				
<a href="#">3GPPCN3-#26</a>	WG	11 - 15 Nov 2002	Bangkok, JP Friends *	TH
Dec 2002				
<a href="#">3GPPCN-#18</a>	OR	4 - 6 Dec 2002	New Orleans, NA Friends	US
Mar 2003				
<a href="#">3GPPCN-#19</a>	OR	12 - 14 Mar 2003	Jersey Island, UK Friends	UK
Jun 2003				
<a href="#">3GPPCN-#20</a>	OR	4 - 6 Jun 2003	Finland	FI
Sep 2003				
<a href="#">3GPPCN-#21</a>	OR	17 - 19 Sep 2003	DE	DE
Dec 2003				
<a href="#">3GPPCN-#22</a>	OR	10 - 12 Dec 2003	TBD	US

\* Co-located CN1, CN2, CN3, and CN4.

\*\* Co-located CN1, CN2, CN3, CN4 and CN5.

## 13 Summary of results

### 13.1 Work Items

The following WIDs were agreed by CN3, and are to be sent to the TSG-CN#16 Plenary for Approval:

TDoc #	Tdoc Title	WI	Rel
N3-020521	Revised WID on interworking between IMS and CS		Rel-6

### 13.2 Liaison Statements

The following Liaison Statements were approved by CN3:

TDoc #	Tdoc Title	LS to	LS cc	LS Attachment
N3-020486	LS on the wildcarding of source IP addresses and port numbers in the PCF for the packet classifier	SA2, CN1	none	none
N3-020507	LS on distribution of IMS charging ID (ICID) from PCF/P-CSCF to GGSN	SA5	SA5	none
N3-020510	Liaison statement on the Go Interface	SA2	none	none

### 13.3 Change Requests

The following CRs were agreed by CN3, and are to be sent to the TSG-CN#16 Plenary for Approval:

TDoc #	Tdoc Title	Spec	CR #	Rev	CAT	Rel	C_Ver
N3-020477	Address autoconfiguration of IPv6 terminals and IPv6 update	29.061	059	-	F	R99	3.9.0
N3-020478	Address autoconfiguration of IPv6 terminals and IPv6 update	29.061	060	-	A	Rel-4	4.4.0
N3-020460	Address autoconfiguration of IPv6 terminals and IPv6 update	29.061	044	4	A	Rel-5	5.1.0
N3-020505	IPv6 Address autoconfiguration	27.060	018	-	F	R99	3.5.0
N3-020506	IPv6 Address autoconfiguration	27.060	019	-	A	Rel-4	4.0.0
N3-020504	IPv6 Address autoconfiguration	27.060	017	3	A	Rel-5	5.0.0

### 13.4 TRs / TSs

The following TR/TSs were agreed by CN3, and are to be sent to the TSG-CN#16 Plenary for information / approval:

TDoc #	Spec	Tdoc Title	Rel	C_Ver
N3-020523	29.208	TS 29.208 - End-to-end QoS signalling flows	Rel-5	1.4.0
N3-020524	29.207	TS 29.207 - Policy control over Go interface	Rel-5	1.5.0

### 13.5 Other

None in this meeting.

### 13.6 Summary of Action Points

**Note:** Includes all open action from previous meetings

No action points were noted for this meeting.

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## **14 Any other business**

The CN3 Chair reminded the delegates that CN3 has still two vacant positions for Vice Chairmen. Elections of Vice Chairmen can take place at any meeting. Next elections of CN3 Chair will take place in May 2003.

The CN3 Chair also asked the delegates to use the drafting rules when making contributions. This would help the work of rapporteurs and MCC when implementing the contributions or CRs, respectively.

Delegates were also asked to register to meetings well in advance in order to help with meeting arrangements.

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## **15 Close of meeting**

Norbert closed the 23<sup>rd</sup> CN3 meeting on Friday 17<sup>th</sup> May at 15:30, and thanked the host for the excellent meeting location and arrangements.

He also thanked the CN3 delegates and the MCC support for their active participation in the meeting.

## Annex A: List of CN3 Meeting Participants

The following delegates attended the CN3#23 meeting.

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**Annex B: List of documents**

Details can also be found in the file *N3\_22\_Tdoc\_list.xls* on the meeting server.

TDoc #	Agenda	Type	Tdoc Title	Source	WI	CR #	Rev	CAT	Spec	Rel	C_Versi	Status
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**History:**

<b>Document History</b>	
17 <sup>th</sup> May 2002	Draft v0.0.2 distributed to CN3 chairman for comments
22 <sup>nd</sup> May 2002	<p>DRAFT v1.0.0 dispatched by e-mail exploder to the CN3 list.</p> <p>Comments, if any, to be addressed to: David Boswarthick, 3GPP TSG-CN3 Support MCC - ETSI Secretariat Tel :+33 (0)4 92 94 42 78 e-mail: <i> david.boswarthick@ETSI.fr</i></p> <p>A deadline of 2 weeks was given to the CN3 delegates for e-mail comments on the draft report.</p> <p style="text-align: center;"><b>Comments back by 4<sup>th</sup> June 2002</b></p>
	Updated DRAFT v2.0.0 placed to the server
	N3-020173 [v2.0.0] VARIOUS comments made by CN3 at the beginning of CN3#22 meeting. Updated to N3-020xyz and placed to the server as v3.0.0.