

**3GPP TSG CN Plenary
Meeting #10, Bangkok, Thailand
6th – 8th December 2000**

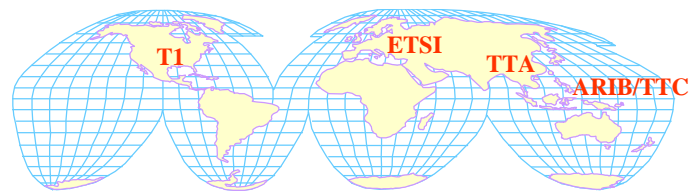
Tdoc NP-000634

Source: TSG CN WG 4
Title: TrFO/TFO Workshop #05 meeting report
Agenda item: 6.7
Document for: Information

Introduction:

This document includes TrFO/TFO Workshop #05 meeting report, Stockholm 09.-10.11.2000.
It is forwarded to TSG CN Plenary meeting #10 for information only.

TDoc #	Tdoc Title
N4-001027	TrFO/TFO #05 meeting report



Third Generation Partnership Project

Meeting REPORT v3.0.0

3GPP TSG-TrFO Workshop#05

Stockholm, SWEDEN
9th – 10th November 2000



Hosted by Ericsson, LM SWEDEN

TrFO Workshop Convenor: Yun-Chao Hu, Ericsson.

MCC Support: Kimmo Kymäläinen, ETSI MCC.

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1 Opening of the meeting

Mr. Yun-Chao Hu, the Workshop convenor, gave a welcome introduction. The meeting was chaired also by the Workshop convenor. Additional support was provided by Mr. Kimmo Kymäläinen (CN Secretary, MCC). The chair welcomed delegates to rainy Sweden.

1.1 Approval of Agenda

The agenda was approved (N4-00882).

2 Document Allocation

The document allocation was approved (N4-00883).

3 Meeting Reports

TrFO/TFO WS#04 meeting report

The small editorial modifications have to made:

- 1) Kurt Hellweg have to be Karl Hellweg.
 - 2) N4-000880 was made available by E-mail and will discuss in next meeting (Stockholm TrFO)
- The Windsor meeting report (**N4-00884**) was approved.
-

4 Liaison Statements

None.

5 Technical issues

5.1 Stage 2

Document: N4-000892
Title: TS 23.153 Version 2.1.0
Source: Editors
Presented: Phil Hodges, Ericsson

Discussion:

- This document was based for further enhancements.
- Comment has been made on the misalignment between the MSCs and textual descriptions. This is addressed by other contributions.
- Section 5.10 needs textual improvements.
- New draft will published at the end of meeting
 - o New draft Tdoc: N4-000900
 - o New version will be TS 23.153 v.2.1.1

Decision: Agreed

Document: N4-000900
Title: TS 23.153 Version 2.1.1 draft
Source: Editors
Presented: Phil Hodges, Ericsson

Discussion:

- The corrections was made:
 - o Text modifications in section 5.4
 - o Text modifications in section 5.4.2
 - o Corrections in figure 5.4.2/1
 - o Text modifications in section 5.6
 - o Text modifications in section 5.7
 - o Text modifications in section 5.8.1
 - The title have to be: Modification of Selected Codec
 - o Text modifications in section 5.9
 - o 6.5 reference [11] have to be added
 - o Chapters 8 & 9 deleted

Decision: Revised in Tdoc. N4-001101

Document: N4-001101
Title: TS 23.153 Version 2.1.2 draft
Source: Editors
Presented: Phil Hodges, Ericsson

Discussion:

- Document will be published 13th November 09:00 CET.

Decision: Revised Tdoc N4-001025

Document: N4-000894
Title: Missing description for sequence charts in section 6
Source: Siemens
Presented: Alexander Vesely, Siemens

Discussion:

- Notification need to be reflected.
- what happens if the lu Initialisation fails ???
- In case of the lu Initialisation fails the notification req will be a negative notification and the call will be cleared.
- Notifications need to be reflected.
- Tdoc 0898 will contain the revised MSCs.

Decision: Revised in Tdoc: N4-000898

Document: N4-000898
Title: Missing description for sequence charts in section 6
Source: Siemens
Presented: Alexander Vesely, Siemens

Discussion:

- Editorial modifications were made.
- Requirements are accepted and added to TS 23.153 stage 2
- Alex revises document.
- Revised version will be included in N4-000898rev.zip-file.

Decision: Agreed

Document: N4-000885
Title: Iu UP Establishment & H.248 Package Requirements
Source: Ericsson
Presented: Phil Hodges, Ericsson

Discussion:

- Sequence numbers should be included the figures.
- Requirements on the Nb reference point identified.
 - o LS to N3 for information is required.
 - o N4-000897
- Textual description to clarify; Phil will check with Alex. Will be added to the stage 2 TS 23.153
- The requirements are accepted and included in TS 23.153. It is also needed to reflect these requirements in the sequence diagrams (Tdoc. 894)
- Also some requirements need to be reflected to the stage 3 documents on the MSC-MGW i/f protocol. LS to N4 on these H.248 requirements.
 - o LS to N4 N4-000897
- Requirements are accepted and added to TS 23.153 stage 2

Decision: Agreed

Document: N4-000897
Title: LS Proposed enhancements to Mc specification
Source: Ericsson
Presented: Phil Hodges, Ericsson

Discussion:

Decision: Revised in Tdoc N4-001102

Document: N4-001102
Title: LS Proposed enhancements to Mc specification
Source: Ericsson
Presented: Phil Hodges, Ericsson

Discussion:

- LS:
 - o TO: CN4, CN3, R3
 - o CC: -
 - o Attachment: N4-000885

Decision: Agreed

5.2 Iu UP requirements

No documents

5.3 Codec Negotiation

Document: N4-000886
Title: Codec Modification Procedures
Source: Ericsson
Presented: Phil Hodges, Ericsson

Discussion:

- Codec re-negotiation renamed to Mid-Call Negotiation
- BICC CS-2 has accepted the requirements but there was no time to update the existing draft. It is expected that this will be included into the new version of the draft BICC CS-2.
- Based on requirements from N4-000895 Codec negotiation procedures i and ii accepted. These shall be described into section 5 of TS 23.153.

- It was agreed to include the Codec renegotiations description into an informative appendix to illustrate that this feature needs to be further studied.

Decision: Agreed

Document: **N4-000888**
Title: Guidelines for Codec negotiation & selection
Source: Ericsson
Presented: -

Discussion: None.

Decision: Withdraw (included Tdoc N4-000880)

Document: **N4-000880**
Title: Selection of AMR Configuration for TrFO
Source: Ericsson
Presented: Phil Hodges, Ericsson

Discussion:

- Principals are agreed and will be reflected into draw 23.153. However explicit referencing towards 28.162 will be introduced when S4 decided on TFO rules issue.

Decision: Agreed

Document: **N4-000890**
Title: Code Re-negotiation for SS and IN interworking scenarios
Source: Siemens
Presented: -

Discussion: Revised N4-000895

Decision: None.

Document: **N4-000895**
Title: Code Re-negotiation for SS and IN interworking scenarios
Source: Siemens
Presented: Alexander Vesely, Siemens

Discussion:

- Will be included in chapter 6.3.
- These requirements shows necessity of modify selected codec and modify available codec list.
 - o i & ii in N4-000886
- Requirements are accepted.

Decision: Revised in Tdoc: N4-001100

Document: **N4-001100**
Title: Code Re-negotiation for SS and IN interworking scenarios
Source: Siemens
Presented: Alexander Vesely, Siemens

Discussion:

- Editorial modifications were made.
- Requirements are accepted and added to TS 23.153 stage 2
- Alex revises document.
- Revised version will be included in N4-001100rev.zip-file.

Decision: Agreed

5.4 DTMF Control

Document: N4-00887
Title: DTMF Handling for TrFO Calls
Source: Ericsson
Presented: Phil Hodges

Discussion:

- This is to avoid the insertion of the transcoder in MGW-B.
 - o figure 1
- Discussion raised on the necessity of in band DTMF within the lu UP. No agreement reached on this.
- Out of band Transcoder DTFM tones was agreed.
- Out-of-band DTMF requirements to be included into TS 23.153.

Decision: Agreed

5.5 Inter system HO

Document: N4-00889
Title: Inter system Handover
Source: Ericsson
Presented: Phil Hodges, Ericsson

Discussion:

- Requirements are accepted except codec re-negotiation.
- This requirement needs to be described in the agreed Appendix describing the Codec Renegotiations.
- Inter-System HO requirements to be included into TS 23.153

Decision: Agreed

5.6 TrFO/TFO Harmonisation

Document: N4-00891
Title: Codec Negotiation in TFO-TrFO Interworking Scenario
Source: Siemens
Presented: -

Discussion: Revised in Tdoc. N4-000896

Decision:

Document: N4-00896
Title: Codec Negotiation in TFO-TrFO Interworking Scenario
Source: Siemens
Presented: Peter Schmitt, Siemens

Discussion:

- Signalling will be done as out band
- Requirements accepted, but not the solution
- Requirements to be included into TS 23.153

Decision: Agreed

5.7 Fixed mobile scenarios

Document: N4-00893
Title: Fixed to Mobile scenarios for section 6
Source: Siemens
Presented: Alexander Vesely, Siemens

Discussion:

- Fixed to Mobile TrFO Call Establishment have to change: External Network to Mobile TrFO Call Establishment
- Three comments are made:
 - o Reference to Transcoder at the Edge is required
 - o Mobile to External Network requirements is needed as well
 - o Title to be changed into External Network to Mobile TRFO call establishment
- Textual improvements are needed

Decision: Revised in Tdoc N4-000899

Document: N4-00899
Title: Fixed to Mobile scenarios for section 6
Source: Siemens
Presented: Alexander Vesely, Siemens

Discussion:

- Modifications were made.
- Requirements to be included into TS 23.153.
- Alex revises document.
- Revised version will be included in N4-000899rev.zip-file.

Decision: Agreed

6 OAB

TrFO Harmonisation Workshop decided not to continue meetings in the future if CN4 #05 meeting agrees TS 23153 v.2.2.0.

7 Output of TrFO Harmonisation Workshop #05 Meeting

7.1 Work Items

None.

7.2 Liaison Statements

The following Liaison Statements were agreed to be sent:

DOC N3-00	Subject	To	Cc	Attachment	Sent
N4-001102	LS Proposed enhancements to Mc specification	N3 N4 R3		N4-00885	11/11/2000

7.3 Change Requests

None.

8 Close of meeting

The CN4 chairman closed the meeting on Friday 10th November at 15:30.

Annex A : Participants

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Annex B: List of Temporary Documents

Tdoc n° 3GPP	Title	Source	Status
N4-000880			Agreed
N4-000882	Agenda	Workshop Convenor	Approved
N4-000883	Tdoc allocation to agenda items	Workshop Convenor	Approved
N4-000884	Previous meeting report TrFO Workshop#04 Windsor	MCC	Approved
N4-000885	Iu UP Establishment & H.248 Package Requirements	LM Ericsson	Agrees
N4-000886	Codec Modification Procedures	LM Ericsson	Agreed
N4-000887	DTMF Handling for TrFO Calls	LM Ericsson	Agreed
N4-000888	Guidelines for Codec negotiation & selection	LM Ericsson	Withdraw
N4-000889	Inter-System Handover	LM Ericsson	Agreed
N4-000890	Code Re-negotiation for SS and IN interworking scenarios	Siemens AG	Revised in Tdoc. N4-000895
N4-000891	Codec Negotiation in TFO-TrFO Interworking Scenario	Siemens AG	Revised in Tdoc. N4-000896
N4-000892	TS 23.153 Version 2.1.0	Editors	Agreed
N4-000893	Fixed to Mobile scenarios for section 6 of TS 23.153	Siemens	Revised in Tdoc. N4-000899
N4-000894	Missing description for sequence charts in section 6 and some documented modifications	Siemens	Revised in Tdoc. N4-000898
N4-000895	Code Re-negotiation for SS and IN interworking scenarios	Siemens AG	Revised in Tdoc. N4-001100
N4-000896	Codec Negotiation in TFO-TrFO Interworking Scenario	Siemens AG	Agreed
N4-000897	LS Proposed enhancements to Mc specification	TrFO workshop	Revised in Tdoc. N4-001102
N4-000898	Missing description for sequence charts in section 6	Siemens AG	Agreed
N4-000899	Fixed to Mobile scenarios for section 6 of TS 23.153	Siemens AG	Agreed
N4-000900	TS 23.153 Version 2.1.1	Editors	Agreed
N4-001100	Code Re-negotiation for SS and IN interworking scenarios	Siemens AG	Agreed
N4-001101	TS 23.153 Version 2.1.2	Editors	Agreed
N4-001102	LS Proposed enhancements to Mc specification	TrFO workshop	Agreed

Annex C: Access to 3GPP documents

This document briefly outlines some of the more important locations of information that all TSG_CN WG4 members should be aware of.

3GPP email lists:

To receive information about CN3 issues, all delegates and other interested parties MUST register for email list **3GPP_TSG_CN_WG4_TRFO**. This can be done by sending an email to LISTSERV@LIST.3GPP.ORG with the following single line of text in the body of the message:

subscribe 3GPP_TSG_CN_WG4_TRFO YourFirstName YourLastName

There are many other 3GPP email lists that may also be of interest. Go to <http://www.3gpp.org/e-mail.htm> for further information.

If at any time you would like to confirm which lists you are currently a member of, just send a message to LISTSERV@LIST.3GPP.ORG with the following single line of text in the body of the message:

QUERY *

Email archives:

All 3GPP lists have an associated archive of every email sent via that list. Information on how to access the archive is sent to you when you subscribe to the list. This means that if you have temporary email problems, or have just joined the group, you can check to see if you have missed any messages. The easiest way to search the archive is first to request a list of all messages sent to the particular group you are interested in. For example, to get a list of messages sent via the **3GPP_TSG_CN_WG4** list between 1st Jan 1999 and the current date, send the following command to LISTSERV@LIST.3GPP.ORG:

search * in 3GPP_TSG_CN_WG4 since Jan 1999

As well as a list of emails sent, you receive instructions about how to retrieve the emails.

Some 3GPP archives are also available via a new user-friendly WWW interface. For CN4, go to:

http://list.3gpp.org/archives/3gpp_tsg_cn_wg4.html

Meeting calendar:

The central location for all information relating to the 3GPP meeting calendar and the corresponding meeting invitations can be found at: <http://www.3gpp.org/Meetings.htm>

Documents on the server:

All documents submitted to CN4 meetings will be made available on the 3GPP document server in a directory (related to the number of the meeting) under: ftp://ftp.3gpp.org/TSG_CN/WG4_protocollars/ e.g. the documents for CN4 meeting #4 can be found at:

ftp://ftp.3gpp.org/TSG_CN/WG4_protocollars/tsgN4_04/Docs/

ANNEX D: Document history

Document History	
11th November 2000	Mr. Kimmo Kymäläinen, 3GPP TSG-TrFO MCC Support MCC - ETSI Secretariat Tel: +33 (0) 4 92 94 42 38 E-mail: kimmo.kymalainen@etsi.fr
13th Nov 2000	Draft report v2.0.0 placed on the FTP serve
29th Nov 2000	Final v2.0.0 was seen at CN4#05 Meeting in Paris – Made version 3.0.0 29.11.2000 and placed to server as the official meeting report
