

3GPP TSG CN Plenary Meeting #12
Stockholm, Sweden, 13th - 15th June 2001

Tdoc NP-010234

Source: TSG_CN WG4
Title: Liaison Statement reply to CN1 on Introduction of AMR-WB
Agenda item: 5.1
Document for: INFORMATION / ACTION

3GPP TSG CN WG4 Meeting #08
Rio Grande, PUERTO RICO, 14th - 18th May 2001

Tdoc N4-010702

Title: Liaison Statement reply to CN1 on Introduction of AMR-WB
To: TSG_CN WG1, TSG_CN
cc: TSG_SA WG4, TSG GERAN
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1. Overall Description:

Reply to incoming LS **Tdoc N1-010493** (N4-010506).

CN4 kindly thanks CN1 for their LS regarding introduction of Wideband AMR. CN4 believes that there are core network implications due to the introduction of this 'service' as the current network solutions are based around narrow band speech codecs. There are a number of areas such as handover and supplementary services, especially within the TrFO standards that have not been studied and therefore introduction of code-points or other protocol impacts should be delayed until the 'wideband speech service' has been studied as a whole.

CN4 agreed to propose a new work item (associated to the existing Wideband Telephony Service – AMR in SA4) that will be prepared and presented to the next CN4 WG (CN4 #9) meeting for support by interested companies. In order not to delay work in this area, CN4 kindly requests CN1 to agree with the proposed approach.

With regards to the specific questions asked by CN1, the following is a summary of the discussion and answers:

1. *Is explicit signalling of supported codecs needed when end-to-end codec negotiation is used?*

The benefit to avoiding impacts to the CC protocol was agreed, especially with respect to this service where an introduction of code-points in the CC protocol could indicate network support of the service when that may not be the case. Further it was agreed with the statement in the LS that additions to the BC should probably be avoided when there is an alternative mechanism that avoids CC protocol impacts.

2. *Are the proposed codecs aligned with the ones that have been added to SA4 specs?*

CN4 believes this question is aimed at SA4. If the supported codecs IE mechanism is used, then alignment will be achieved automatically as only TS 26.103 is used.

3. *What is the network supposed to do during BC negotiation if one of the new code points is proposed by the MS?*

This is part of the subject for study in the planned WI.

2. Actions:

To CN WG1.

ACTION: TSG CN WG4 kindly asks TSG CN WG1 to take note that CN4 aims to study this service and its implications on existing CS speech services before implementing changes to the protocols. The wideband speech service will be considered as a whole network implementation.

To TSG_CN.

ACTION: TSG CN WG4 asks TSG_CN to take note that CN4 aims to provide a WI description for approval at TSG_CN #13, however it would like to receive some support for this work to begin by informal acceptance from TSG_CN #12.

3. Date of Next CN4 Meetings:

CN4#9 9th – 13th July 2001 Dresden, Germany.

4. Attachments:

None.