**3GPP TSG CN Meeting #27**                                                    **NP-050093**
**9th - 11th March 2005. Tokyo, Japan.**

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|---|---|
| **Title:** | **LS on network-initiated SCUDIF support** |
| **Source:** | **CN3** |
| **Agenda item:** | **5** |
| **Document for:** | **INFORMATION** |

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**3GPP TSG-CN WG3 Meeting #35**                                               **N3-050151**
**Sydney, Australia. 14th - 18th February 2005.**

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|---|---|
| **Title:** | **LS on network-initiated SCUDIF support** |
| **Release:** | **Rel-6** |

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| **Source:** | **CN3** |
| **To:** | **RAN3** |
| **CC:** | **RAN, CN** |

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**1. Overall Description:**

CN3 would like to inform RAN3 that CN3 agreed in principle to use the enhanced RANAP signalling, as proposed by RAN3, as trigger for the network-initiated downgrade from multimedia to speech when degrading resources or radio conditions require such a change. CN3 will endeavour to agree the corresponding CR during their present meeting CN3#35.

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

CN3 therefore asks RAN3 to approve CRs implementing only the part of their proposal for network-initiated SCUDIF support that relates to a downgrade to an alternate configuration with lower bandwidth requirements.

Among other possible solutions for a network-initiated upgrade from speech to multimedia, it has been proposed but not yet agreed in CN3 that the RANAP solution should be able to keep the network and/or UE constantly informed on the availability of resources for a multimedia call while the UE is engaged in SCUDIF speech mode. This implies that the notifications from the RNC would inform the network and/or UE that the Multimedia capability is no longer available (RAN may have informed the network that multimedia was available but then later that the conditions had deteriorated again). The user may or may not decide to initiate an upgrade when receiving such notifications. CN3 would like to ask RAN3 to answer the following related questions:
- Does the current RANAP solution support this possible requirement?
- If not is it possible to provide such notifications via RANAP by other means?
- Would a polling type solution be more suitable from RAN3's perspective?
- Is it possible to provide such notifications directly to the UE via RRC?

**2. Actions:**

**To RAN3 group.**

**ACTION:** **1.** CN3 asks RAN 3 to approve CRs implementing only the part of their proposal for network-initiated SCUDIF support that relates to a downgrade to an alternate configuration with lower bandwidth requirements.
**2.** Furthermore, CN3 asks RAN 3 to answer the above questions relating to notifications about the availability of radio resources.

**3. Date of Next CN3 Meetings:**

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|---|---|---|
| CN3_36 | 25th - 30th April 2005 | Cancun, MX |
| CN3_37 | 29th August- 2nd September 2005 | London, UK |