TSG-RAN Working Group 3, meeting # 6   *TSGR3#6(99)A02*

Sophia Antipolis, 23-27 August 1999

Agenda Item: 14.3

Source: Nokia

Title: **Transmission of DSCH TFI in a DCH FP connection**.

Document for: Approval

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1. Introduction

RAN WG2 has adopted a solution for the DSCH where one unique TFCI indicates in air interface the combination of DCH and DSCH TFI (Ref. [R3-99845]). In order to use this solution in case of soft handover, the DSCH TFI (alone) shall be sent also to the cells without DSCH. RAN WG3 commented that this could be supported in release '99 only in the case SRNC=CRNC.

This paper proposes a method for the transport of the DSCH TFI in a DCH FP connection, using control frames.

2. Discussion

As required by WG2, the DSCH TFI shall be transferred in all the RL of one soft handover connection. This can be achieved including the TFI in one new control frame ("DSCH TFI" control frame) to be sent in one DCH FP connection of the UE. The payload of such control frame is defined as follow:

DSCH TFI: it is used to transfer the DSCH TFI.

Table below shows the structure of the payload when control frame is used to transfer DSCH TFI. This control information is sent in DL only, and using the same timing used for the DCH data frames.

NAME	DSCH control
Parameters	CFN
	DSCH TFI

3. Proposal

To include the DSCH control frame (text above) in [25.427]

4. References

[R3-99845]   LS to RAN WG3 on inclusion of TFI transmission without data

[25.427]   UTRAN Iub/Iur Interface User Plane Protocol for DCH Data Streams