TSG-RAN Working Group 3 meeting #1   *TSGW3#1(99)047*
Bonn 2nd - 5th February 1999   **(same as SMG2 UMTS-ARC 391/98)**

Agenda Item: 8.2, Signalling flows of UTRAN functions
Source: Siemens, Italtel
Title: **DCH-DCH Establishment: TDD-FDD Signalling Procedure Comparison**
Document for:

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1   INTRODUCTION

In this document the differences between TDD and FDD are illustrated as far as the DCH-DCH Establishment procedure is concerned.
The main difference consists in the parameters of some messages and in the absence of the 'Node B-SRNC Data Transport Bearer Sync.' message.

2   REFERENCES

[1] UMTS ZZ.02 V0.1.0 1999-01, UTRAN Functions, Examples on Signalling Procedures

3   PROPOSAL

It is proposed to modify Ch. 7.2.6.1 DCH-DCH Establishment of [1], as follows:

Item 5.:
Parameters: Transport Format Set, Transport Format Combination Set, Power control information, Time Slots (TDD only), User Codes (TDD only).

Item 8.:
Parameters: DL channelisation code per cell (FDD only), Transport layer addressing information (AAL2 address, AAL2 Binding Id) for Iub Data Transport Bearer.

Item 15.:
Parameters: Transport Format Set, Transport Format Combination Set, DL channelisation code per cell (FDD only), Time Slots (TDD only), User Codes (TDD only)

It is proposed as well to add to step 3., 4., 6., 7., 9., 12. and 13. in Figure 12 of [1] the note: "applicable when more Nodes B are involved" and to step 11. in the same figure: "FDD only".

Due to the current Layer 1 working assumption not to have macro-diversity branches in TDD, it is also proposed to modify the introductive text of the samechapter as follows:

"This example shows establishment of a radio access bearer on a dedicated channel (DCH) when the RRC connection already uses a dedicated channel (DCH). [FDD - The UE communicates via two Nodes B. One Node B is controlled by SRNC, one Node B is controlled by DRNC.]
[TDD – The Nodes B shown in the figure are mutually exclusive in TDD mode.]