

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

1 INTRODUCTION

In the document the differences between TDD and FDD are illustrated as far as the DCH-DCH Release procedure is concerned.

The main difference consists in the parameters of some messages.

2 REFERENCES

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

2 PROPOSAL

It is proposed to modify Ch. 7.2.7.1 DCH-DCH Release of [1], as follows:

Item 6.:

Parameters: Transport Format Combination Set, UL scrambling code (FDD only), Time Slots (TDD only), User Codes (TDD only).

Item 9.:

Parameters: DL channelisation code per cell (FDD only).

Item 13.:

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

Item 15.:

Not used resources in SRNC, DRNC and NodeB (Drift RNS) are released. DRNC initiates release of lur and lub (Drift RNS) Data Transport bearer using ALCAP protocol

Item 16. added :

Not used resources in SRNC and NodeB (Serving RNS, if any) are released. SRNC initiates release of lub (Serving RNS) Data Transport bearer using ALCAP protocol.

It is proposed as well to add to step 4., 5., 7., 8., 10., 11. and 15. in Figure 10 of [1] the note: "Applicable when more Nodes B are involved".

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 same chapter as follows:

"This example shows release 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.]