

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

1 INTRODUCTION

In the document the differences between TDD and FDD are illustrated as far as the RRC Connection Establishment on DCH is concerned.

The main difference consists in the parameters of some messages and in the absence of the Node B-SRNC Data Transport Bearer' 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. 7.2.3.1 DCH Establishment of [1], as follows:

Item 2.:

Parameters: Cell id, Transport Format Set, Transport Format Combination Set, frequency, UL scrambling code (FDD only), Time Slots (TDD only), User Codes (TDD only), Power control information.

Item 3.:

Parameters: Signalling link termination, DL channelisation code (FDD only), Transport layer addressing information (AAL2 address, AAL2 Binding Identity) for the lub Data Transport Bearer.

Item 5.:

NodeB and SRNC establish synchronism for the lub Data Transport Bearer. Then NodeB starts DL transmission. (FDD only)

Item 6.:

Message RRC Connection Setup message is sent on CCCH from SRNC to UE.

Parameters: UE identification, RNTI, Transport Format Set, Transport Format Combination Set, frequency, DL scrambling code (FDD only), Time Slots (TDD only), User Codes (TDD only), DL channelisation code (FDD only), Power control information.

It is proposed as well to add to step 5. in Figure 10 of [1] the note: "FDD only".