

Title: TDD parameters in RNSAP FDD Radio Link Setup Response

Source: Italtel / Siemens

Agenda Item: 16.2

Document for: Approval

1. Introduction

This paper proposes to add to the RNSAP messages RADIO LINK SETUP RESPONSE and RADIO LINK ADDITION RESPONSE the IE group **Neighbouring TDD cell information**.
This IE group is necessary to support dual mode UEs.

2. Parameters

RADIO LINK SETUP RESPONSE

FDD Message

Information Element	Reference	Type
Message Type		M
Transaction ID		M
D-RNTI		O
CN PS Domain Identifier		O
CN CS Domain Identifier		O
RL Information Response		M
RL-ID		M
UL Interference Level		M
Diversity Indication		C1
Reference RL-ID		C2
DL Scrambling Code		M
DL Channelisation Codes		M

DL Channelisation Code		M
DCH Information Response		C3
DCH ID		M
Binding ID		M
Transport Address		FFS
Neighbouring <u>FDD</u> cell information		O
UTRAN Cell Identifier (UC-Id)		M
CN PS Domain Identifier		O
CN CS Domain Identifier		O
Primary CCPCH Radio Resource Information		M
UARFCN		M
Primary CCPCH scrambling code		M
Primary CCPCH TX Power		O
Frame Offset		O
<u>Neighbouring TDD Cell Information</u>		<u>O</u>
<u>UTRAN Cell Identifier (UC-Id)</u>		<u>M</u>
<u>CN PS Domain Identifier</u>		<u>O</u>
<u>CN CS Domain Identifier</u>		<u>O</u>
<u>Primary CCPCH Radio Resource Information</u>		<u>M</u>
<u>UARFCN</u>		<u>M</u>
<u>Cell Parameter</u>		<u>M</u>
<u>PSCH & PCCPCH Allocation</u>		<u>M</u>
<u>PSCH & PCCPCH Time Slot Pointer (k)</u>		<u>M</u>
<u>PCCPCH Time Slot Pointer (i)</u>		<u>C1</u>
DSCH Information Response		O
DSCH TFS		M
Binding ID		M

C1=present only if # of RL >1

C2=present only if Diversity Indication is 'ON'

C3= present only if Diversity Indication is 'OFF'

RADIO LINK ADDITION RESPONSE

FDD Message

Information Element	Reference	Type
Message Type		M
Transaction ID		M
RL Information Response		M
RL-ID		M
UL Interference Level		M
Diversity Indication		M
Reference RL-ID		C1
DL Scrambling Code		M
DL Channelisation Codes		M
DL Channelisation Code		M
DCH Information Response		C2
DCH ID		M
Binding ID		M
Transport Address		FFS
Neighbouring <u>FDD</u> Cell Information		O
UTRAN Cell Identifier (UC-Id)		M
CN PS Domain Identifier		O
CN CS Domain Identifier		O
Primary CCPCH Radio Resource Information		M
UARFCN		M
Primary CCPCH Scrambling Code		M
Primary CCPCH TX Power		O
Frame Offset		O
<u>Neighbouring TDD Cell Information</u>		<u>O</u>
<u>UTRAN Cell Identifier (UC-Id)</u>		<u>M</u>
<u>CN PS Domain Identifier</u>		<u>O</u>
<u>CN CS Domain Identifier</u>		<u>O</u>
<u>Primary CCPCH Radio Resource Information</u>		<u>M</u>
<u>UARFCN</u>		<u>M</u>
<u>Cell Parameter</u>		<u>M</u>
<u>PSCH & PCCPCH Allocation</u>		<u>M</u>
<u>PSCH & PCCPCH Time Slot Pointer (k)</u>		<u>M</u>
<u>PCCPCH Time Slot Pointer (i)</u>		<u>C1</u>
DSCH Information Response		O
DSCH TFS		M
Binding ID		M

C1=present only if *Diversity Indication* is 'ON'

C2= present only if *Diversity Indication* is 'OFF'

3. Proposal

It is proposed to add section 2 of this contribution to TS 25.423.