3GPP TSG-RAN Working Group 1 Meeting No. 7
August 30 – September 3 1999, Hannover, Germany

Agenda Item:

Source: Siemens AG

Title: TFCI for Shared Channels in TDD Mode

Document for: Decision

Scope

This document proposes to explicitly enable the usage of TFCI for Shared Channels (PUSCH/PDSCH) in TDD Mode.

Justification

In current TDD specification document TS25.221 the usage of TFCI is shown for application in dedicated channels. However, this wording was provided in an early stage of standardisation process. Today, WG1 and WG2 concepts rely on the usage of TFCI also for Shared Channels. Thus we propose to explicitly enable the usage of TFCI for Shared Channels.

Conclusion

We propose to adopt the text from beyond to specification documents TS25.221.

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5.2.2.1 Transmission of TFCI

Both burst types 1 and 2 ~~for dedicated channels~~ provide the possibility for transmission of TFCI both in up- and downlink.

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5.5 Physical Uplink Shared Channel (PUSCH)

For Physical Uplink Shared Channel (PUSCH) the burst structure of DPCH as described in section 5.2 shall be used. User specific physical layer parameters like power control, timing advance or directive antenna settings are derived from the associated channel (FACH or DCH). PUSCH provides the possibility for transmission of TFCI in uplink.

5.6 Physical Downlink Shared Channel (PDSCH)

For Physical Downlink Shared Channel (PDSCH) the burst structure of DPCH as described in section 5.2 shall be used. User specific physical layer parameters like power control or directive antenna settings are derived from the associated channel (FACH or DCH). PDSCH provides the possibility for transmission of TFCI in downlink.

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