3GPP TSG-RAN Meeting #16
Marco Island, FL, U.S.A., 4 – 7, June, 2002

RP-020313

Title: **Agreed CRs (Rel-4 and Rel-5 Category A) to TS 25.221**

Source: **TSG-RAN WG1**

Agenda item: **7.1.4**

No.	Spec	CR	Rev	R1 T-doc	Subject	Phase	Cat	Work Item	V_old	V_new
1	25.221	079	-	R1-02-0733	Clarification of shared channel functionality for TDD	Rel-4	F	LCRTDD-Phys	4.4.0	4.5.0
2	25.221	082	-	R1-02-0733	Clarification of shared channel functionality for TDD	Rel-5	A	LCRTDD-Phys	5.0.0	5.1.0

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R1-02-0733

CR-Form-v5

CHANGE REQUEST

z **25.221** **CR** **079** z **rev** **-** z Current version: **4.4.0** z

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the z symbols.*

Proposed change affects: z (U)SIM ☐ ME/UE ☒ Radio Access Network ☒ Core Network ☐

Title:	z	Clarification of shared channel functionality for TDD
Source:	z	TSG RAN WG1
Work item code:	z	LCRTDD-Phys
Date:	z	4.4.2002
Category:	z	**F**
Release:	z	REL-4

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
2 (GSM Phase 2)
R96 (Release 1996)
R97 (Release 1997)
R98 (Release 1998)
R99 (Release 1999)
REL-4 (Release 4)
REL-5 (Release 5)

Reason for change:	z	There is no support by higher layers with respect to the DSCH UE selection via the midamble or the TFCI, although the functionality is still described in the RAN1 specifications. TPC and SS commands are defined for PUSCH and PDSCH as for DPCH in the higher layer specification but not in the RAN1 specification.
Summary of change:	z	A note is added that the PDSCH is common to 3.84 Mcps TDD with respect to the UE selection, implicitly clarifying that the feature is not supported in the current version of the specification, as this is stated in the section for 3.84 Mcps TDD. The support of TPC and SS commands is added to the specification.
Consequences if not approved:	z	Inconsistent description of feature.

Clauses affected:	z	6.3.6, 6.3.7
Other specs affected:	z	☐ Other core specifications ☐ Test specifications ☐ O&M Specifications
	z	
Other comments:	z	

How to create CRs using this form:
Comprehensive information and tips about how to create CRs can be found at: http://www.3gpp.org/3G_Specs/CRs.htm. Below is a brief summary:

1) Fill out the above form. The symbols above marked z contain pop-up help information about the field that they are closest to.

2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be

downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

6.3.6 Physical Uplink Shared Channel (PUSCH)

For Physical Uplink Shared Channel (PUSCH) the burst structure of DPCH as described in subclause 6.2 and the training sequences as described in subclause 6.2.3 shall be used. PUSCH provides the possibility for transmission of TFCI, SS, and TPC in uplink.

The PUSCH is common with 3.84 Mcps TDD with respect to Spreading and UE selection, cf. [5.3.5 Physical Uplink Shared Channel (PUSCH)].

6.3.7 Physical Downlink Shared Channel (PDSCH)

For Physical Downlink Shared Channel (PDSCH) the burst structure of DPCH as described in subclause 6.2 and the training sequences as described in subclause 6.2.3 shall be used. PDSCH provides the possibility for transmission of TFCI, SS, and TPC in downlink.

The PDSCH is common with 3.84 Mcps TDD with respect to Spreading and UE selection, cf. [5.3.6 Physical Downlink Shared Channel (PDSCH)].

~~To indicate to the UE that there is data to decode on the DSCH, three signalling methods are available:~~

~~1) using the TFCI field of the associated channel or PDSCH;~~

~~2) using on the DSCH user specific midamble derived from the set of midambles used for that cell;~~

~~3) using higher layer signalling.~~

~~When the midamble based method is used, the UE shall decode the PDSCH if the PDSCH was transmitted with the midamble assigned to the UE by UTRAN, see 6.6.1.1.2 . For this method no other physical channels may use the same time slot as the PDSCH and only one UE may share the PDSCH time slot at the same time.~~

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CR-Form-v5

CHANGE REQUEST

z **25.221** **CR** **082** z **rev** **-** z Current version: **5.0.0** z

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Source:	z	TSG RAN WG1
Work item code:	z	LCRTDD-Phys
Date:	z	4.4.2002
Category:	z	**A**
Release:	z	REL-5

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	z	
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