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

RP-020310

Title: **Agreed CRs (R99 and Rel-4/Rel-5 Category A) to TS 25.221**

Source: **TSG-RAN WG1**

Agenda item: **7.1.3**

No.	Spec	CR	Rev	R1 T-doc	Subject	Phase	Cat	Work Item	V_old	V_new
1	25.221	077	-	R1-02-0732	Clarification of shared channel functionality for TDD	R99	F	TEI	3.10.0	3.11.0
2	25.221	078	-	R1-02-0732	Clarification of shared channel functionality for TDD	Rel-4	A	TEI	4.4.0	4.5.0
3	25.221	080	1	R1-02-0732	Clarification of shared channel functionality for TDD	Rel-5	A	TEI	5.0.0	5.1.0

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R1-02-0732

CR-Form-v5

CHANGE REQUEST

z **25.221** **CR** **077** z **rev** **-** z Current version: **3.10.0** 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 **X** Radio Access Network **X** Core Network ☐

Title:	z	Clarification of shared channel functionality for TDD
Source:	z	TSG RAN WG1
Work item code:	z	TEI
Date:	z	4.4.2002
Category:	z	**F**
Release:	z	R99

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	Current description of the UE selection procedure for the PDSCH explicitly mentions the release, when saying that this procedure is not supported. This will cause regular CRs for each new release of the specification, as long as the feature is not supported.
Summary of change:	z	The text is made more generic. As for other features that were intended for deferral to later releases, the text now refers to the this version of the specification.
Consequences if not approved:	z	This will cause regular CRs for each new release of the specification, as long as the feature is not supported. Isolated Impact Analysis: This is an isolated impact CR that corrects a functionality where the specification contained contradictions. This CR would not affect implementations behaving as indicated in the CR, would affect implementations supporting the corrected functionality otherwise.

Clauses affected:	z	5.3.6
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.

5.3.6 Physical Downlink Shared Channel (PDSCH)

The DSCH as described in subclause 4.1.2 is mapped onto one or more physical downlink shared channels (PDSCH).

5.3.6.1 PDSCH Spreading

The PDSCH uses either spreading factor SF = 16 or SF = 1 as described in subclause 5.2.1.1.

5.3.6.2 PDSCH Burst Types

Burst types 1 or 2 as described in subclause 5.2.2 can be used for PDSCH. TFCI can be transmitted on the PDSCH.

5.3.6.3 PDSCH Training Sequences

The training sequences as described in subclause 5.2.3 are used for the PDSCH.

5.3.6.4 UE Selection

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 specific midamble allocation method shall be employed (see subclause 5.6), and the UE shall decode the PDSCH if the PDSCH was transmitted with the midamble assigned to the UE by UTRAN. 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 within one TTI.

Note: From the above mentioned signalling methods, only the higher layer signalling method is supported by higher layers in this version of the specification ~~R99~~.

R1-02-0732

CR-Form-v5

CHANGE REQUEST

z **25.221** **CR** **078** z **rev** **-** z Current version: **4.4.0** z

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Source:	z	TSG RAN WG1
Work item code:	z	TEI
Date:	z	4.4.2002
Category:	z	**A**
Release:	z	REL-4

Use one of the following categories:
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Note: From the above mentioned signalling methods, only the higher layer signalling method is supported by higher layers in ~~Release 4~~this version of the specification.

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