TSG-RAN Working Group 1 meeting #19   ***TSGR1#19(01)0209***
Las Vegas, NE, USA
February 27 – March 2, 2001

Agenda item: R99
Source: InterDigital Comm. Corp.
Title: CR 25.224-050: Correction to the use of the Special Burst
Document for: Decision

In the recent WG4 meeting the usage of the Special Burst for handover/reconfiguration was discussed. It was recognized that some clarification on the usage of the Special Burst in the WG1 specification is needed. This CR adds a text stating that Special Burst can also be used for the reconfiguration. In addition a typing error is corrected.

CR-Form-v3

CHANGE REQUEST

✍ **25.224** CR **50**   ✍ rev   ✍ Current version: **3.5.0** ✍

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

Proposed change affects: ✍   (U)SIM ☐   ME/UE **X**   Radio Access Network **X**   Core Network ☐

Title: ✍	Use of a Special Burst in reconfiguration
Source: ✍	InterDigital Comm. Corp.
Work item code: ✍	**Date:** ✍ Feb. 20, 2001
Category: ✍ **F**	**Release:** ✍ R99

Use one of the following categories:
F (essential 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: ✍	The usage of Special Burst during reconfiguration is not stated in the current specification.
Summary of change: ✍	It is added that the Special Burst may be used in reconfiguration. Also, a typing error is corrected.
Consequences if not approved: ✍	. The description of the usage of Special Burst will be incomplete.

Clauses affected: ✍	4.5.1, 4.5.2
Other specs affected: ✍	☐ Other core specifications ✍ ☐ Test specifications ☐ O&M Specifications
Other comments: ✍	

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 ✍ 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://www.3gpp.org/specs/ For the latest

version, look for the directory name with the latest date e.g. 2000-09 contains the specifications resulting from the September 2000 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.

4.5.1 Use of Special Bursts for DTX

In case there are no transport blocks provided for transmission by higher layers for any given CCTrCH after link establishment, then a Special Burst shall be transmitted in the first allocated frame of the transmission pause. If there is a consecutive period of ? N_OUTSYNC_IND/2-1? frames without transport blocks provided by higher layers, then another special burst shall be generated and transmitted at the next possible frame. This pattern shall be continued until transport blocks are provided for the CCTrCH by the higher layers.

This special burst shall have the same slot format as the burst used for data provided by higher layers. The special burst is filled with an arbitrary bit pattern, contains a TFCI and TPC bits if inner loop PC is applied and is transmitted for each CCTrCH individually on the physical channel which is defined to carry the TFCI. The TFCI of the special burst shall indicate that there were no transport blocks provided for transmission by higher layers as defined in [15]. The transmission power of the special burst shall be the same as that of the substituted physical channel of the CCTrCH carrying the TFCI.

4.5.2 Use of Special Bursts for Initial Establishment/Reconfiguration

Upon initial establishment or reconfiguration for and either 160 ms following detection of in-sync, or until the first transport block is received from higher layers, both the UE and the Node B shall transmit the special burst for each CCTrCH for each assigned resource which was scheduled to include a TFCI.