TSG-RAN Meeting #9 *TSGRP#9(00)0378*
Hawaii, US, 20 - 22 September 2000

Title: **Agreed CRs to TS 25.420**

Source: **TSG-RAN WG3**

Agenda item: **5.3.3**

Tdoc_Num	Specification	CR_Num	Revision_Num	CR_Subject	CR_Category	WG_Status	Cur_Ver_Num	New_Ver_Num
R3-001879	25.420	008	1	Bi-directional dedicated transport channels	F	agreed	3.1.0	3.2.0

3GPP TSG-RA WG3 Meeting #14
Helsinki, Finland, 3rd-7th July 2000

Document R3-001879
e.g. for 3GPP use the format TP-99xxx
or for SMG, use the format P-99-xxx

CHANGE REQUEST

Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.

25.420	CR	008 R1	Current Version:	v.3.1.0

GSM (AA.BB) or 3G (AA.BBB) specification number ↑ *↑ CR number as allocated by MCC support team*

For submission to:	TSG RAN #9	for approval		strategic		*(for SMG*
list expected approval meeting # here ↑		for information		non-strategic		*Use only)*

Form: CR cover sheet, version 2 for 3GPP and SMG *The latest version of this form is available from: ftp://ftp.3gpp.org/Information/CR-Form-v2.doc*

Proposed change affects: *(at least one should be marked with an X)*	(U)SIM		ME		UTRAN / Radio	X	Core Network	

Source: R-WG3 **Date:** July 2000

Subject: Bi-directional dedicated transport channels

Work item:

Category: *(only one category shall be marked with an X)*

F	Correction	X	**Release:**	Phase 2	
A	Corresponds to a correction in an earlier release			Release 96	
B	Addition of feature			Release 97	
C	Functional modification of feature			Release 98	
D	Editorial modification			Release 99	X
				Release 00	

Reason for change:

As was indicated in R3#13, there is a difference in definition between WG1/2 and WG3 regarding the fact if a DCH is uni-directional or bi-directional. In the WG1/2 specifications a DCH is a uni-directional transport channel, however in the WG3 specifications it is always treated as a bi-directional transport channel.

So far our investigations have not shown any basic problems related to this difference in approach. Therefore this CR proposes to leave the situation as is, and only clarify the situation in 25.420.

In addition, some general formatting alignment between 25.430 and 25.420 has been performed.

Clauses affected: 4.4

Other specs Affected:

Other 3G core specifications		→ List of CRs:
Other GSM core specifications		→ List of CRs:
MS test specifications		→ List of CRs:
BSS test specifications		→ List of CRs:
O&M specifications		→ List of CRs:

Other comments:

help.doc

<--------- double-click here for help and instructions on how to create a CR.

4.4 Iur Interface Capabilities

~~The information transferred over the Iur reference point can be categorised as follows:~~

4.4.1. ~~-~~ Radio application related signalling~~.~~

The Iur interface provides capability to support radio interface mobility between RNSs, of UEs having a connection with UTRAN. This capability includes the support of handover, radio resource handling and synchronisation between RNSs.

4.4.2. ~~-~~ Iub/Iur DCH data streams~~.~~

The Iur interface provides the means for transport of uplink and downlink Iub/Iur DCH frames carrying user data and control information between SRNC and Node B (DRNS), via the DRNC.

In the UTRAN, one DCH data stream always corresponds to a bi-directional transport channel. Although the TFS is configured separately for each DCH direction and a DCH could be configured with e.g. only a zero-bit transport format in one direction, the DCH is always treated as a bi-directional transport channel in the UTRAN. As a result, two uni-directional Uu DCH transport channels with opposite directions can be mapped to either one or two DCH transport channels in the UTRAN.

4.4.3. ~~-~~ Iur RACH/CPCH[FDD] data streams~~.~~

The Iur interface provides the means for transport of uplink RACH and [FDD - CPCH] transport frames between DRNC and SRNC.

4.4.4. ~~-~~ Iur DSCH data streams~~.~~

An Iur DSCH data stream corresponds to the data carried on one DSCH transport channel for one UE. A UE may have multiple Iur DSCH data streams.

The Iur interface provides a means of transporting ~~up link and~~ down link MAC-c/sh SDUs. In addition, the interface provides a means to the SRNC for queue reporting and a means for the DRNC to allocate capacity to the SRNC.

4.4.5. ~~-~~ [TDD Iur USCH data streams]~~.~~

An Iur USCH data stream corresponds to the data carried on one USCH transport channel for one UE. A UE may have multiple Iur USCH data streams.

~~Iur RACH/CPCH[FDD] data streams.~~

4.4.6. ~~-~~ Iur FACH data streams~~.~~

The Iur interface provides the means for transport of downlink FACH transport frames between SRNC and DRNC.