TSG-RAN Meeting #8
Düsseldorf, Germany, 21 - 23 June 2000

TSGRP#8(00)0249

Title: **Agreed CRs to TS 25.430**

Source: **TSG-RAN WG3**

Agenda item: **5.3.3**

Tdoc_Num	Specification	CR_Num	Revision_Nu	CR_Subject	CR_Category	WG_Status	Cur_Ver_Num	New_Ver_Nu
R3-001128	25.430	009		Update TS25.430 Cell model so that number of	F	agreed	3.1.0	3.2.0
R3-001354	25.430	010		Correction of Common resources in Node B	F	agreed	3.1.0	3.2.0

TSG-RAN Working Group 3 Meeting #12
Seoul, Korea, 10th – 13th April 2000

Document ***R3-001128***
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.

25.430	CR	9	Current Version:	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 #8	for approval	X	strategic		(for SMG use only)
list expected approval meeting # here ↑		for information		non-strategic		

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:**	April 2000	
Subject:	Correction of number of PICH in Cell model					
Work item:						

Category: *(only one category shall be marked with an X)*			**Release:**		
F	Correction	X		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:	This Change Request corrects the number of PICH in the Cell model (to be “0-i” instead of “0-1”). The CR is a result of the agreements on Tdoc R3-00125.
Clauses affected:	6.2.4.1

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.

6.2.4 Radio Network Logical resources

6.2.4.1 Common Resources

The CRNC manages logical radio network resources in Node B and needs to use both common and dedicated resources in a Node B to run a radio network. Therefore, it is the CRNC that orders the Node B to configure, reconfigure and delete these resources. However, if the equipment in Node B cannot fully support the configuration that the CRNC requests, or the equipment breaks down, then Node B can indicate the availability of the common resources (i.e. both downgrade and upgrade).

The common resources are the Cell, the common physical channels and the common transport channels.

In Node B these common resources have an operational state, that indicates whether they are operational or not, i.e. whether they can carry traffic or not.

Figure 3 shows the common resources that a CRNC is managing in a Node B to be able to run a radio network.

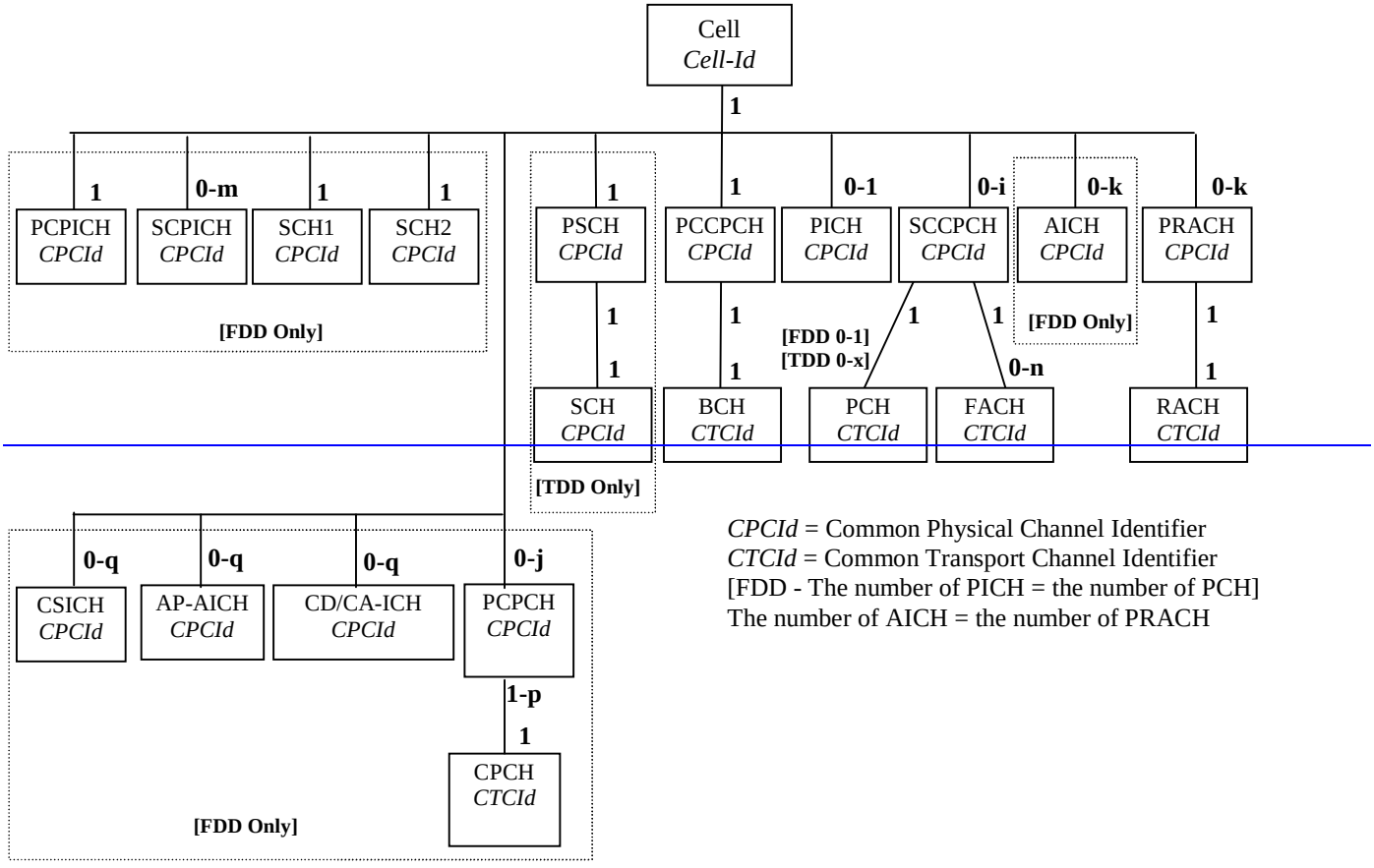
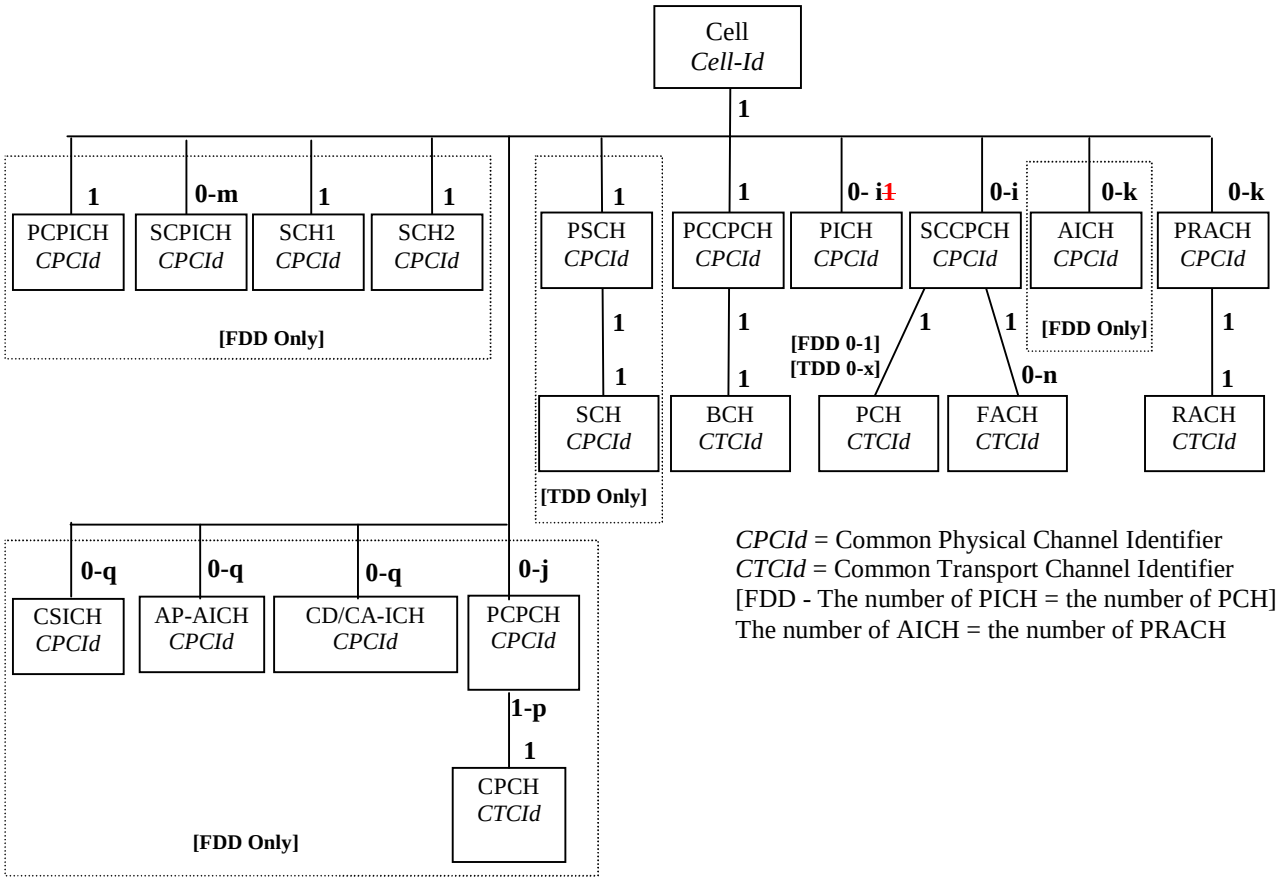


Figure 3: Common resources in a Node B that are managed by the CRNC



CPCId = Common Physical Channel Identifier
CTCId = Common Transport Channel Identifier
[FDD - The number of PICH = the number of PCH]
The number of AICH = the number of PRACH

3GPP TSG-RAN Working Group 3, Meeting #13
Hawaii, USA, 22 – 26 May, 2000

***Document* R3-001354**
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.

25.430	CR	010	Current Version:	3.1.0

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

For submission to:	RAN #8	for approval	X	strategic		(for SMG use only)
list expected approval meeting # here ↑		for information		non-strategic		

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:** May, 2000

Subject: Correction of Common resources in Node B

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:

This document revises the Node B common resources according the already agreed model from CR2r1 in document R3-000667. I.e. representation of Sync channel and mapping of PCH and FACH to SCCPCH is corrected and the description within the figure is modified in order to correct the FDD/TDD tagging.

In addition in RAN3#12 the number of PICH in a cell was corrected by CR 9 / TDOC R3-001128. Within this document it is clarified that CR9 applies only for FDD. In TDD the number of PICH is equal the number of PCH as stated in the figure description.

Clauses affected: 6.2.4.1

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

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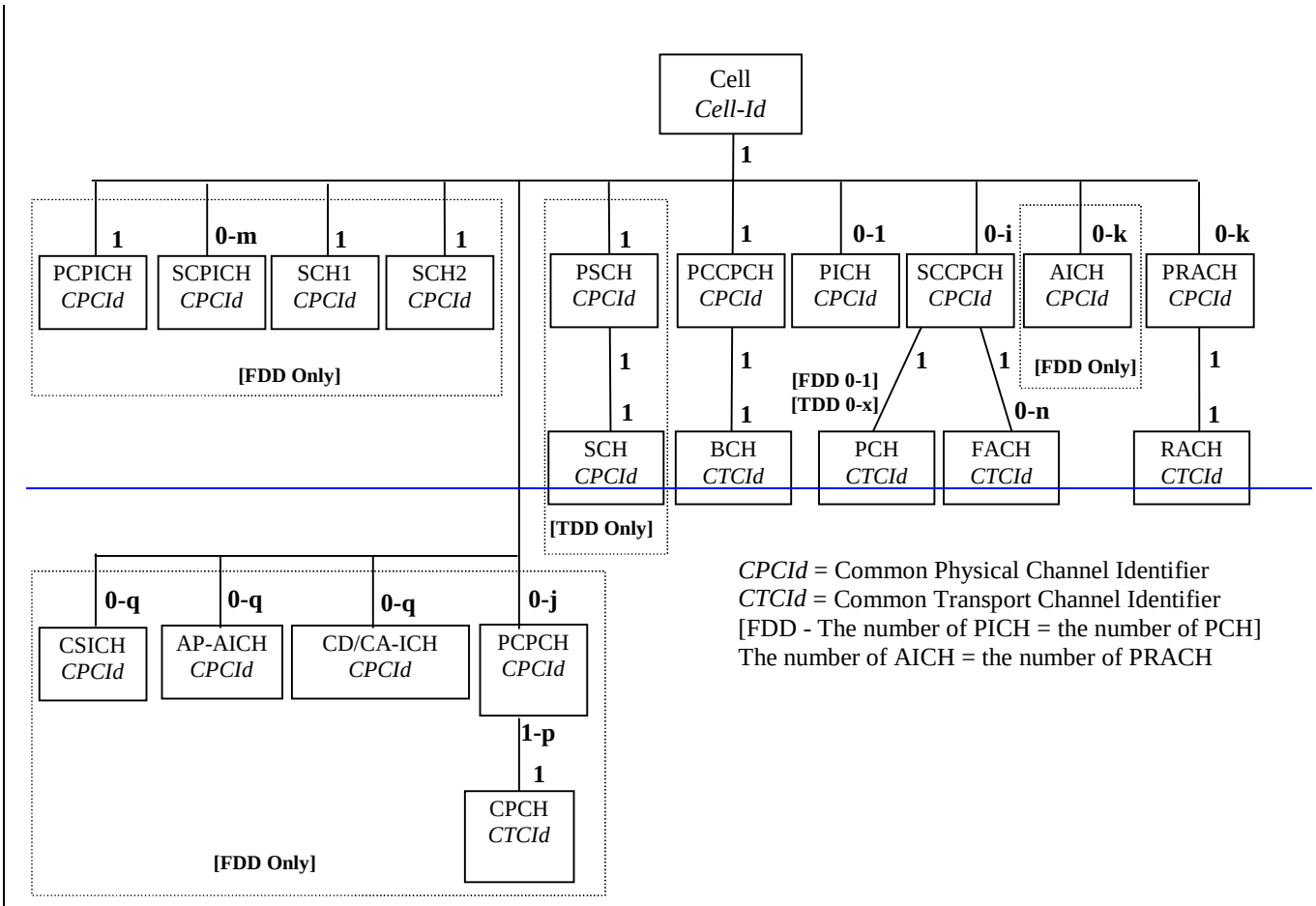

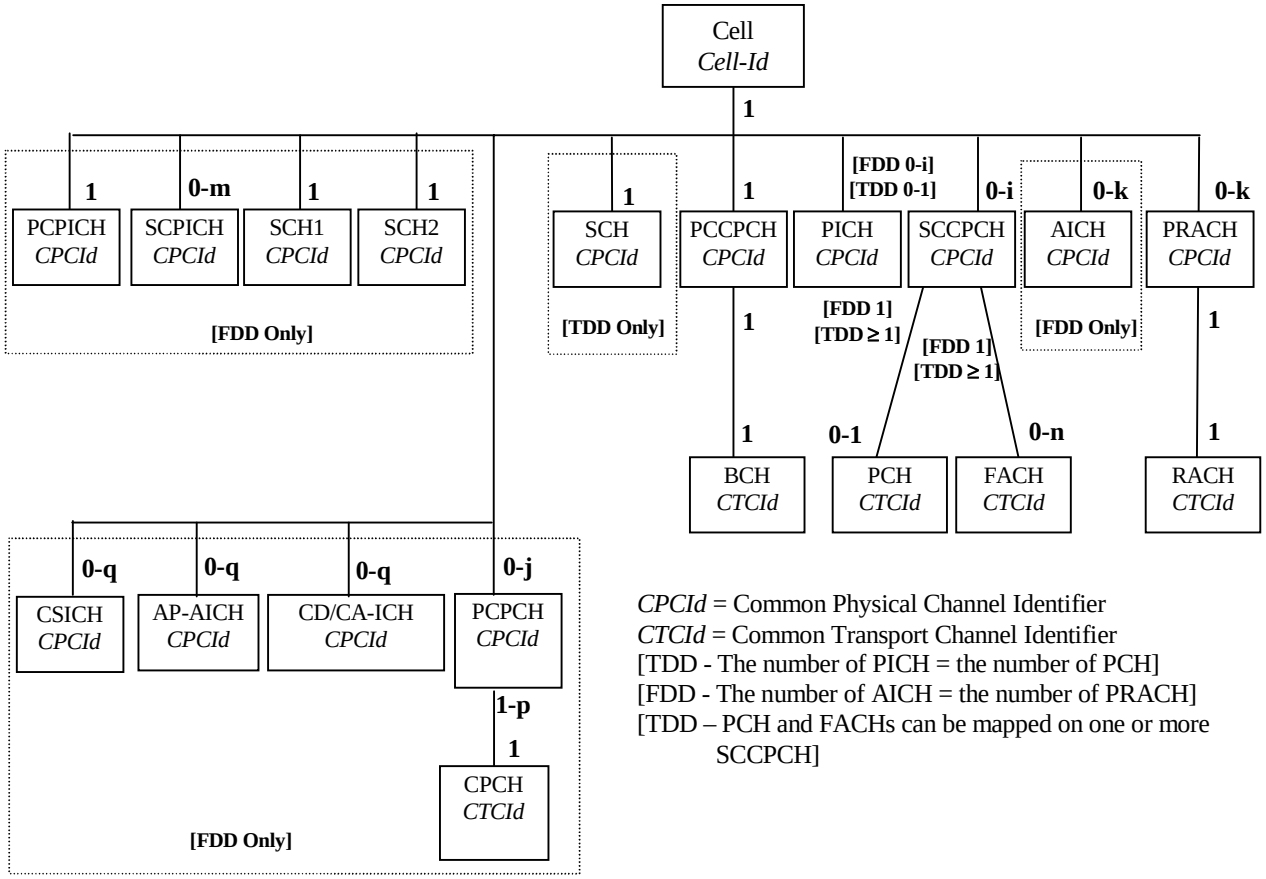

CPCId = Common Physical Channel Identifier
CTCId = Common Transport Channel Identifier
[TDD - The number of PICH = the number of PCH]
[FDD - The number of AICH = the number of PRACH]
[TDD – PCH and FACHs can be mapped on one or more SCCPCH]

Figure 3. Common resources in a Node B that are managed by the CRNC