TSG-RAN Meeting #7 ***RP-000169***
Madrid, Spain, 13 - 15 March 2000

Agenda Item: 8

Source: Nortel Networks

Title: Work Item for Rel'00: Support of Multiple CCtrCHs of dedicated type in FDD Downlink

Document for: Discussion and approval

Work Item Description

Title

Support of Multiple CCtrCH of dedicated type in FDD Downlink

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

None

3 Justification

The support of multiple CCtrCH of dedicated type in FDD downlink is included in RAN 1 specifications for R99 but not in the 25.331, 25.423 and 25.433 specification. The support of multiple CCtrCH of dedicated type in downlink allows to allocate resource (code) in downlink with a higher level of flexibility. An example of such level of flexibility is the possibility of having codes with different spreading factors and distribute transport channels onto separate CCtrCH taking into account possibly very different QoS requirements, which results in some cases in a smaller amount of allocated resource.

4 Objective

Introduce on the Iur /Iub and Air interface the possibility to set up radio link consisting of multiple CCTrCH with a mapping of the Transport channels and allocated physical channel code onto the CCtrCH. One transport channel and one physical channel may correspond to on CCtrCH only.

5 Service Aspects

None

6 MMI-Aspects

None

7 Charging Aspects

None

8 Security Aspects

None

9 Impacts

Affects:	USIM	ME	AN	CN	Others
Yes		X	X		
No	X			X	
Don't know					

10 Expected Output and Time scale (to be updated at each plenary)

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary	Approved at plenary	Comments
	None					

Affected existing specifications				
Spec No.	CR	Subject	Approved at plenary	Comments
25.331			RAN #8	
25.423			RAN #9	
25.433			RAN #9	

11 Work item raporteurs

RAN 3 Nathalie Pereira (Nortel Networks)
RAN2 Claudiu Mihailescu (Nortel Networks)

12 Work item leadership

RAN3

13 Supporting Companies

Nortel Networks, Nokia, Motorola, Siemens

14 Classification of the WI (if known)

	Feature (go to 14a)
x	Building Block (go to 14b)
	Work Task (go to 14c)

14a The WI is a Feature: List of building blocks under this feature

(list of Work Items identified as building blocks)

14b The WI is a Building Block: parent Feature

no parent feature

14c The WI is a Work Task: parent Building Block

(one Work Item identified as a building block)