TSGR#7(00)0180

TSG RAN#7 (Radio)
13-15 March 2000
Madrid, Spain.

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Agenda Item: 8.1

Source: Nokia

Title: Work Item for Rel'00: Compressed mode improvements

Document for: Approval

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Work Item Description

Title

Compressed mode improvements

1   3GPP Work Area

X	Radio Access
	Core Network
	Services

2   Linked work items

none

3   Justification

Compressed mode in Release-99 covers limited set of methods of implementing the compressed mode for enabling measurements on other frequencies. There have been methods suggested that potentially improve the system capacity and operational flexibility in addition to the existing methods.

- The following two technologies have been identified as candidates for Release 2000 for compressed mode improvements:
1. Compressed mode with puncturing and flexible positions
2. Combination of the existing methods (including method in point 1)

4   Objective

The purpose of this work item is to work on the compressed mode improvements for improved system performance.

The following time schedule is considered for TSG RAN:

Task	Planned Start	Planned Finish
Work Item Creation	3/2000	3/2000
Work Item Approval		3/2000
Drafting and discussion, updates of specifications	4/2000	9/2000
Submission to TSG RAN for approval		9/2000

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
Affected existing specifications					
Spec No. CR	Subject		Approved at plenary#	Comments	
25.212	Multiplexing and channel coding (FDD)		RAN #9		
25.215	Physical layer – Measurements (FDD)		RAN #9		
25.331	RRC Protocol Specification		RAN #9	Paramter update	
25.423	UTRAN Iur Interface RNSAP Signalling		RAN #9	Parameter update	
25.433	UTRAN Iub Interface NBAP Signalling		RAN #9	Parameter update	

11   Work item raporteurs

To be decided by WG1

12   Work item leadership

TSG RAN WG1

13   Supporting Companies

Ericsson, Lucent Technologies, Nokia, Nortel Networks, Omnitel

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 sub-building block part of the radio interfcae improvement building block.

(one Work Item identified as a feature)

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

(one Work Item identified as a building block)

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