TSG RAN #12
12 – 15 June 2001
Stockholm, Sweden

Agenda Item: 9.9

Source: **Siemens**

Title: Proposal for new work item on Base Station Classification
For 1.28 Mcps TDD option

Document for: Discussion and approval

Work Item Description

Title

Base Station Classification for 1.28 Mcps TDD option

1   3GPP Work Area

X	Radio Access
	Core Network
	Services

2   Linked work items

none

3   Justification

Current TSG RAN WG4 specifications have been done according to the requirements for the general purpose base station (Node B). For the UTRA evolution requirements specific for other type of base stations are needed as well (e.g. local area base station).

4   Objective

- definition of base station classes according to deployment scenarios (e.g. indoor, outdoor)
- identification, review and possible update of radio parameters dependent on deployment scenarios
- identification, review and possible update of UTRAN (Node B) measurement requirements and conformance where the maximum received signal level at the base station is reflected, dependent on deployment scenarios
- review and possible update of conformance test specifications
- recording of related information into RF System Scenarios

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		
No	X	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 endorsement at plenary#	Approved at plenary#	Comments
	Base station classification for 1.28 Mcps TDD option	R4		RAN #14	RAN #14	

Affected existing specifications				
Spec No.	CR	Subject	Approved at plenary#	Comments
25.105		UTRA (BS) TDD, Radio Transmission and Reception	RAN #14	
25.142		Base Station Conformance Testing (TDD)	RAN #14	
25.123		Requirements for Support of Radio Resources Management (TDD)	RAN #14	
25.942		RF System Scenarios	RAN #14	

11   Work item raporteurs

Meik Kottkamp, Siemens

12   Work item leadership

TSG-RAN WG4

13   Supporting Companies

Siemens, CATT, Mannesmann Mobilfunk GmbH, Motorola

14   Classification of the WI (if known)

	Feature (go to 14a)
	Building Block (go to 14b)
X	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

(one Work Item identified as a feature)

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

(one Work Item identified as a building block)