

**3GPP TSG-RAN Meeting #12
Stockholm, Sweden**

RP-010434

12-15 June 2001

Title: SI sheet on Re-introduction of SIR measurement
**Source: TIM/TILAB, Blu, Ericsson, Mobilkom Austria, One2One,
 Telefonica**
Agenda item: 9.8.8

This contribution contains the Study Item Sheet on the re-introduction of SIR measurement, according the decision of RAN#11 and in line with the outcome of the discussion in WG4.

Study Item Description

Title

Introduction of SIR measurement

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

none

3 Justification

The SIR measurement is recognised to be a valuable tool to an operator, since it provides the ability to obtain an indication of intercell interference and hence coverage from subscriber UEs while in call within a network. This is a useful measure when trying to optimise the capacity and coverage of the cells.

4 Objective

The purpose of the study is to:

- elaborate the purposes of the SIR measurement,
- set performance requirements to meet those purposes,
- identify possible techniques to meet those requirements, including techniques that might already be used for other purposes,
- identify reporting procedures and signalling, and
- alignment with the O&M procedures.

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
					RAN#13	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
25.133						
25.123						
25.215						
25.225						
25.331						
25.302						

11

Work item raporteurs

Torgny Palenius, Ericsson

12

Work item leadership

TSG-RAN WG4

13

Supporting Companies

Telecom Italia, Blu, Ericsson, Mobilkom Austria, One2One, Telefonica

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

RAN improvements

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

(one Work Item identified as a building block)