TSG-RAN Meeting #14   *RP-010914*
Kyoto, Japan, 11 - 15 December 2001

Source: **Secretary**

Title: **Proposed "CR" to out-of-date Study Item sheets**

This document aims at correcting a number of SI sheets that seem to be out of date with the latest understanding of them in TSG-RAN and/or its WGs.

1   Radio link performance enhancements

Last distributed as: RP-000181rev4

Study Item Description

Title

Radio link performance enhancements

1   3GPP Work Area

X	Radio Access
	Core Network
	Services

2   Linked work items

none

3   Justification

After completion of Release –99, possible topics have been identified that could improve the radio link performance. In order to improve the performance it is felt necessary to continue related studies after Release –99 completion and to include possible agreed improvements to the coming UTRA releases.

4   Objective

- The purpose of this study item is to to study the radio link performance enhancements for both UTRA FDD and TDD. This is a permanent study item to be repeated for every UTRA Release.

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 <u>defined on a per work task basis</u>~~updated at each plenary~~)
<u>This is a generic task which will be valid for all major releases</u>

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
		WG1			~~RAN #14~~	

11   Work item raporteurs

Antti Toskala, Nokia Networks

12   Work item leadership

TSG-RAN WG1

13   Supporting Companies

TSG-RAN

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

This is a building block part of the radio interface improvement feature.

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

(one Work Item identified as a building block)

3   USTS

Last distributed as: RAN_Study_Items_after_RAN_9 (originally RP-000291)

Study Item Description

Uplink Synchronous Transmission Scheme (USTS)

1   3GPP Work Area

X	Radio Access
	Core Network
	Services

2   Linked work items

none

3   Justification

USTS is expected to provide good capacity in the uplink with low overhead and minimal impact on hardware and software resources at UE and in the UTRAN.

4   Objective

The purpose of this work item is to increase the uplink capacity by means of making a cell receive orthogonalized signals from UEs.

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	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
	USTS	WG1		RAN #12	RAN #~~12~~14	
25.839	USTS	WG3		RAN #12	RAN #~~12~~14	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
25.211		Physical channels and mapping of transport channels onto physical channels (FDD)		RAN #14		
25.213		Spreading and modulation (FDD)		RAN #14		

25.214	FDD : Physical layer procedures	RAN #14	
25.331	Radio Resource Control (RRC) Protocol Specification	RAN #14	
25.413	UTRAN Iu Interface RANAP Signalling	RAN #14	
25.423	UTRAN Iur Interface RNSAP Signalling	RAN #14	
25.433	UTRAN Iub Interface NBAP Signalling	RAN #14	

11 Work item raporteurs

Duk Kyung Kim (kdk@sktelecom.com)

12 Work item leadership

TSG-RAN WG1

13 Supporting Companies

TSG-RAN

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

This is a building block part of the radio interface improvement feature.

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

(one Work Item identified as a building block)