

Source: Secretary

Title: Proposed "CR" to out-of-date Work Item sheets

This document aims at correcting a number of WI sheets that seem to be out of date with the latest understanding of them in TSG-RAN and/or its WGs.

General question on "Supporting companies"

During TSG-RAN #9 (Oahu, Hawaii, USA), it was decided (see RP-000523) that supporting companies for approved WIs would be changed to "TSG-RAN". However, so far that decision has been interpreted as applying only to those WIs that were in existence at that time.

Guidance is requested whether this change should be applied to all approved Work Items.

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14. RRM optimizations for Iur and Iub

Last distributed as: RAN_Work_Items_after_RAN_14 (originally RP-000310)

Work Item Description

Title

RRM optimizations for Iur and Iub

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 **Linked work items**

3 **Justification**

Optimising the existing procedures will increase the efficiency of UTRAN and the quality of service to the end user.

4 **Objective**

This work item focuses on optimizing the existing procedures and functions of Iub and Iur.

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~~) (to be defined on a per work task basis)
This is a generic task which will be valid for all major releases

New specifications						
Spec No.	Title	Prime rsp. WG	2 nd ary rsp. WG(s)	Presented for endorsement at plenary#	Approved at plenary#	Comments
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	

~~The expected finalization date is RAN#15.~~

- 11** **Work item rapporteurs**
Gert-Jan van Lieshout (Ericsson)
- 12** **Work item leadership**
TSG-RAN WG3
- 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

14b The WI is a Building Block: parent Feature

Radio Interface Improvement feature and UTRAN Improvement feature

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

21. Radio Interface Improvement Feature

Last distributed as: WI-Radio-if-improve2

Work Item Description

Title: Radio Interface Improvement

This work item intends to introduce new mechanisms allowing improvements on the way the Radio Interface is used.

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

None

3 Justification

In order to cope with new techniques providing more efficient use of the bandwidth for the radio interface, it is necessary to ensure backward compatibility in terms of service offering.

When a new system is designed it is quite normal that some work is required also to enhance the already defined mechanism at the physical layer as well as at the signalling level. Thus this work item will cope with technical enhancement and improvement for the Radio path.

4 Objective

The main objective for this feature is to ensure that adequate mechanisms are provided to allow enhancement of the radio interface in a backward compatible manner.

5 Service Aspects

None

6 MMI-Aspects

None

7 Charging Aspects

None

8 Security Aspects

None

9 Impacts

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

**10 Expected Output and Time scale
(to be defined on a per building block basis but potentially all specifications and report of the 25 series)**

11 This is a generic task which will be valid for all major releases

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for endorsement at plenary#	Approved at plenary#	Comments
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	

11 Work item rapporteurs

TSG-RAN

12 Work item leadership

TSG-RAN

13 Supporting Companies

[TSG-RAN](#) ~~Alcatel, ...~~

14 Classification of the WI (if known)

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

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

Not Relevant

14b The WI is a Building Block: parent Feature

Not Relevant

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

Not Relevant

22. RAN Improvement Feature

Last distributed as: WI-RAN-improve2

Work Item Description

Title: RAN Improvement

This work item intends to introduce new mechanisms allowing improvements on all aspects dealing with the RNS internal interfaces as well as the interface towards the core network. In addition this includes internal mechanisms to be introduced in the Technical Specification under responsibility of TSG RAN for the RNS part of the network, e.g., algorithms for QoS handling.

1 3GPP Work Area

X	Radio Access
X	Core Network
	Services

2 Linked work items

None

3 Justification

This work item has been created to collect all evolutions of the Radio Network System. This includes transport of user and signalling plane as well as protocols over all interfaces of the RNS. The Iu and Iur reference points are also covered by this Feature description.

4 Objective

The main objective of this Feature is to cover all evolution of the internal RNS architecture and protocol.

5 Service Aspects

None

6 MMI-Aspects

None

7 Charging Aspects

None

8 Security Aspects

None

9 Impacts

64. Support of Site Selection Diversity Transmission in UTRAN

Last distributed as: RP-010951

Work Item Description

Title: Support of Site Selection Diversity Transmission in UTRAN

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

None.

3 Justification

SSDT is defined in R99 and Rel4 specifications. In recent discussions in RAN#14 it was clarified that there is no full support of SSDT in the UTRAN. Indeed in R99 and Rel4 specifications it is assumed that the Qth parameter in Node B is set as an OAM parameter with vendor specific definition & signaling ranges. However support of Qth parameter over NBAP would be needed for multi-vendor NodeBs for deployment of SSDT and hence full support of SSDT on the UTRAN side. In addition the physical quantity (UTRAN measurement) used in combination with the Qth parameter should be defined in RAN 1 25.214 specification and performance requirements for the Node B defined.

4 Objective

The objective of this WI is to provide the necessary changes and additions required in the current RAN specifications to provide full support of SSDT in UTRAN. Specifically the work item should:

- Specify the Qth parameter
- Specify the physical measurement quantity at node B for use in combination with the Qth parameter
- Specify performance requirements for Node B in RAN4 specifications
- Specify signalling of the Qth parameter over the Iub and Iur interfaces

25 Service Aspects

None

25 MMI-Aspects

None

25 Charging Aspects

None

25 Security Aspects

None

25 Impacts

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

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

New specifications						
Spec No.	Title	Prime rsp. WG	2 nd ary rsp. WG(s)	Presented for endorsement at plenary#	Approved at plenary#	Comments
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
25.214		Physical Layer Procedures (FDD)		RAN#15		
25.104		Radio transmission and Reception (FDD)		RAN#16		
25.433		UTRAN Iub interface NBAP signalling		RAN#15		
25.423		UTRAN Iur interface RNSAP signalling		RAN#15		
25.141		Base Station Conformance Testing (FDD)		RAN#16		

11 **Work item rapporteurs**

NEC

12 **Work item leadership**

TSG-RAN WG1

13 Supporting Companies

NEC, Fujitsu, Nokia, Mannesmann Mobilfunk, Vodafone Group, Hutchison 3G,
Lucent

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

~~RAN Technical Small Enhancements and Improvements~~

(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)