

Title: Proposed Work Item on Subscriber & Equipment Trace
Agenda Item: 9.10
Source: Nortel Networks
Document for: Approval

Work Item Description

TITLE: SUBSCRIBER AND EQUIPMENT TRACE SUPPORT IN UTRAN

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

Rel6 - Trace Management

3 Justification

Subscriber and Equipment Trace provides very detailed information at call level on one or more specific mobile(s). This data is an additional source of information to Performance Measurements and allows going further in monitoring and optimisation operations.

Contrary to Performance Measurements, which are a permanent source of information, Trace is activated/deactivated on user demand for a limited period of time for specific analysis purposes. Thus, signalling support is needed on the UTRAN Interfaces for activation/deactivation of the Trace functionality, correlation of the Traces gathered in the different Nodes,...

4 Objective

The main objective of this Work Item is to analyse the impacts on UTRAN architecture and provide the signalling support on the UTRAN Interfaces to fulfill the requirements on Subscriber and Equipment Trace as defined in TS 32.421.

5 Service Aspects

None/Text

6 MMI-Aspects

None/Text

7 Charging Aspects

None/Text

8 Security Aspects

None/Text

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
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
25.401		Architecture impacts of support for Subscriber and Equipment Trace		RAN #21		
25.410		Trace Function on the lu interface		RAN #21		
25.413		Signalling support for Subscriber and Equipment Trace on lu		RAN #21		
25.420		Trace Function on the lur interface		RAN #21		
25.423		Signalling support for Subscriber and Equipment Trace on lur		RAN #21		

11 Work item raporteurs

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12 Work item leadership

TSG RAN WG3

13 Supporting Companies

Ericsson, Motorola, Nortel Networks, Orange, Vodafone Group

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

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