3GPP TSG RAN Meeting #19   RP-030191
Birmingham, United Kingdom, 11 – 14 March 2003

Title: **Proposed WI: Iu enhancements for IMS support in the RAN**
Source: **Nortel Networks**
Agenda Item **8.9**

Work Item Description

Title: Iu enhancements for IMS support in the RAN

1   3GPP Work Area

X	Radio Access
X	Core Network
	Services

2   Linked work items

RAB support enhancements

3   Justification

This Work Item aims at enhancing the support of IMS in the RAN for the release 6.

Some requirements for the IMS support have been identified by SA2 and this has lead to the introduction of a new release 5 function at RAN3#34: a basic signalling indication on the Iu interface for concerned interactive RABs. However, this indication enables a basic support for IMS by the RAN but it is believed that room of improvement may be brought e.g. by the introduction of additional QoS specific parameter(s)
.
This Work Item proposes to refine the requirements provided by SA2 from a RAN thorough perspective and evaluate possible further enhancements for the release 6 allowing some further optimisations of the handling of IMS RAB by an RNC.

4   Objective

The objective of this WI is to improve the support of RABs for IMS on the Iu interface.

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
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
25.413		UTRAN Iu Interface RANAP Signalling		RAN#21	Definition of new RAB QoS parameters and addition of procedural text	

11   Work item rapporteurs

Philippe Godin (Nortel Networks)

12   Work item leadership

TSG-RAN WG3

13   Supporting Companies

Nortel Networks, AWS, 3, Ericsson, …

14   Classification of the WI (if known)

	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

14b   The WI is a Building Block: parent Feature
RAB support enhancement

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