

Source: Nokia
Title: Work Item Description for the Traffic Termination Point Swapping
Document for: Approval
Agenda Item: 6.11

Work Item Description

Title: **Work Item Description for the Traffic Termination Point Swapping**

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

None identified.

3 Justification

The concept of traffic termination point is defined in TS 25.430(UTRAN Iub Interface:General Aspects and Principles). Because traffic termination point is a logical model, this shouldn't restrict the utilization of concept in real implementation. i.e. one Node B can have many traffic termination points and these can be mapped on physically separated units, respectively.

Currently once the traffic termination point was decided during the RL setup, this cannot be changed during its lifetime. However, if radio link parameters are modified dramatically, it is beneficial for Node B to change allocated traffic termination point and associated signaling link. This procedure can be used for efficient Node B resource management or O&M purpose.

4 Objective

The objective of this work item is to introduce new function in NBAP for Node B to be able to initiate traffic termination point swapping without RL releasing.

5 Service Aspects

None identified.

6 MMI-Aspects

None identified.

7 Charging Aspects

None identified.

8 Security Aspects

None identified.

9 Impacts

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

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

This is a Release 5 Work Item

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	
25.433		UTRAN lub Interface NBAP Signalling	RAN #14			

11 Work item raporteurs

Antti Toskala, Nokia, Helsinki, Finland

12 Work item leadership

RAN 3

13 Supporting Companies

Nokia, Nortel Networks, InterDigital, Siemens

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:

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