

TSG-RAN Meeting #16  
Marco Island, Florida, USA, 4 – 7 June 2002

RP-020443

**Title:** Proposed WI: SRNC – Node B Direct Bearers in IP TNL.  
**Source:** Nortel Networks  
**Agenda Item** 8.10

Work Item Description

**Title:** SRNC – Node B Direct Bearers in IP TNL

**1 3GPP Work Area**

X	Radio Access
	Core Network
	Services

**2 Linked work items**

*None*

**3 Justification**

Going directly from SRNC to Node-B has some obvious benefits like decreasing the processing required in the DRNC and decreasing the delay of UTRAN internal transport due to more optimised routing in the TNL.

Furthermore, imposing that the transport bearers be terminated in the DRNC in an IP-based TNL is an artificial limitation considering the connectionless nature of IP.

**4 Objective**

The objective of this WI is to enable Direct Bearers between SRNC and Node B when the TNL in UTRAN is based on IP.

**5 Service Aspects**

*None*

**6 MMI-Aspects**

*None*

**7 Charging Aspects**

*None*

**8 Security Aspects**

*None*

**Impacts**

<b>Affects:</b>	<b>USIM</b>	<b>ME</b>	<b>AN</b>	<b>CN</b>	<b>Others</b>
<b>Yes</b>			X		
<b>No</b>	X	X		X	
<b>Don't know</b>					

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

<b>New specifications</b>						
Spec No.	Title	Prime rsp. WG	2 <sup>nd</sup> ary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
<b>Affected existing specifications</b>						
Spec No.	CR	Subject		Approved at plenary#	Comments	
25.401		UTRAN Overall Description		RAN#18	Addition of Direct Bearer examples in Section 11.2 "Protocol Model (Informative)"	
25.423		UTRAN Iur Interface RNSAP Signalling		RAN#18	"DRNC" may have to be replaced by "DRNS" in few places	

**11 Work item rapporteurs**

Sašo Stojanovski (Nortel Networks)

**12 Work item leadership**

TSG-RAN WG3

**13 Supporting Companies**

Nortel Networks, Alcatel, Lucent, Motorola, Nokia, Siemens

**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

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