

**Title:** Work Item Description for Network Assisted Cell Change from UTRAN to GERAN  
– network aspects

**Agenda Item:** 9.10

**Source:** Vodafone Group, Orange, Telecom Italia, Qualcomm, Nokia, Nortel

**Document for:** Approval

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**Work Item Description**

**TITLE: NETWORK ASSISTED CELL CHANGE (NACC) FROM UTRAN TO GERAN –  
NETWORK-SIDE ASPECTS**

**1 3GPP Work Area**

X	Radio Access
X?	Core Network
	Services

**2 Linked work items**

Independent feature.

**3 Justification**

Network Assisted Cell Change (NACC) is a feature that was specified in GERAN in Rel-4. NACC offers the possibility to reduce the delay when transiting between GPRS cells by providing the system information of the target cells.

Inter-RAT NACC for CELL\_DCH signalling over the Uu was agreed in Rel-5. This WI is required to specify how the RNC acquires the System Information (GERAN SI) required to be delivered to the UE/MS as part of the NACC function.

**4 Objective**

The objective of this Work Item is to analyse the impacts on UTRAN architecture and provide the signalling support on the UTRAN Interfaces for Network Assisted Cell Change from UTRAN to GERAN.

**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	
23.060		Definition of NACC from UTRAN to GERAN				
25.401		Architecture impacts of support for NACC from UTRAN to GERAN		RAN #21		
25.410		Support of NACC on the lu interface		RAN #21		
25.413		Signalling support for NACC from UTRAN to GERAN on lu		RAN #21		
25.420		Support of NACC on the lur interface		RAN #21		
25.423		Signalling support for NACC on the lur interface		RAN #21		

**11 Work item rapporteurs**

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**12 Work item leadership**

TSG RAN WG3

**13 Supporting Companies**

Vodafone Group, Orange, Telecom Italia, Qualcomm, Nokia, Nortel

**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 Access Network Improvement Feature

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