Technical Specification Group Radio Access Network
RAN Plenary, Palm Springs, USA, 13-16 March 2001

RP-010275

Source: **Nokia**

Title: **Study Item Description for an Open CRMS-RNS Interface to support Common Radio Resource Management**

Document for: **Approval**

Agenda Item: **6.11**

Study Item Description

Title: **Study Item Description for an Open CRMS-RNS Interface to support Common Radio Resource Management**

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

None identified.

3 Justification

At the 3GPP UTRAN Evolution workshop, held in Helsinki, it was agreed to go forward with studies in the area of Multiradio support. This, to study functional grouping and interface aspects of supporting both UTRAN and GERAN radio in the radio access network. It is belived that Common Radio Resource Management will allow for a easier load sharing and better quality of service management.

4 Objective

The objective of this study item is to work out the functional grouping and interface aspects in order to provide support for an open interface between the CRMS (Common Radio resource Management Server) and the RNS, in order to factiliate CRRM (Common Radio Resource Management).

The addition of CRMS shall be transparant to the UE/MS.

The objective is to look also the aspects between GERAN and UTRAN for the CRMS.

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 Study Item

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
New 3GPP TR	CRMS – RNS Application Protocol feasibility study report	RAN3	RAN2	RAN #12	RAN #13	

Affected existing specifications				
Spec No.	CR	Subject	Approved at plenary#	Comments

11 Study item raporteurs

Antti Toskala, Nokia, Helsinki, Finland

12 Study item leadership

RAN 3

13 Supporting Companies

Nokia, Orange PCS Ltd, Siemens, 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: RAN Improvement

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