

TSG-RAN meeting #10
Bangkok, Thailand, 6-8 December 2000

RP-000713

Title: Proposed Work item description sheet for the inclusion of Multicast capability in RAN
Document for: Approval
Source: Nokia

Work Item Description

Title

Radio interface enhancements for support of Multicast Services

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

None

3 Justification

It has been agreed to have the same service continuity for GSM/GPRS point-to-multipoint services in UMTS [3GPP TS 22.100, 3GPP TS 22.110]. These services are SMS Cell Broadcast, Point-to-multipoint multicast, Point-to-multipoint Group Call and IP Multicast.

This work item proposes to study and incorporate the necessary changes and additions required in the current RAN specification, that includes cell broadcast, in order to include the multicast capability.

4 Objective

It is proposed that the study should include, but not be restricted to, the following:

- Methods for inclusion of the Multicast capability in RAN.
- Identification of modifications as well as additional functionalities required to the existing specification.

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 resp. WG	2 nd ary resp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
TR	Radio interface enhancements for support of Multicast Services	R2	R1, R3, R4	RAN #11	RAN #12	New technical report
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	

The technical report should present the results of the study and make a recommendation for which techniques should be incorporated into future releases of the standard. The report should also detail the work items descriptions necessary to continue this work.

- 11 Work item rapporteurs**
Nokia
- 12 Work item leadership**
TSG-RAN WG2
- 13 Supporting Companies**
Nokia
- 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
(list of Work Items identified as building blocks)
- 14b The WI is a Building Block: parent Feature
(one Work Item identified as a feature)

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

(one Work Item identified as a building block)