Source: Nokia

Title: Work Item Description for Building block GERAN MS Conformance
                  test for 700 MHz band

Document for: Decision

Work Item Description

Title

GERAN MS Conformance test for 700 MHz band

1   3GPP Work Area

X	Radio Access
	Core Network
	Services

2   Linked work items

3   Justification

FCC is going to license for commercial use the 746-764 MHz and 776-794 MHz bands. US operators have shown interest to provide GSM services on those new bands. In order to be one candidate technology to be used as a cellular service for those bands, the GSM specification should include the support of 700 MHz.

The band free format of GSM specifications allows all GSM services to be deployed in the 700 MHz band after the specifications changes listed in chapter nine are finalized. The time plan is to include GSM 700 MHz as a part of GSM Release 00.

When specifying the GSM for the 700 MHz band, it should be taken into account – e.g. in the channel numbering – that further frequency bands like 430-450 MHz, 698-746 MHz, 1710-1885 MHz, 2500-2690 MHz may be considered for the GSM in the future.

4   Objective

- GERAN MS conformance tests

5   Service Aspects

As in GSM400/850/900/1800/1900

6   MMI-Aspects

As in GSM400/850/900/1800/1900

7   Charging Aspects

As in GSM400/850/900/1800/1900

8   Security Aspects

As in GSM400/850/900/1800/1900

9   Impacts

Affects:	SIM	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)

New specifications						
Spec No.	Title		Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
None expected						
Affected existing specifications						
Spec No.	CR	Subject			Approved at Plenary	Comments
11.10		GSM 700 systems introduced			GERAN#	

11   Work item raporteurs
???

12   Work item leadership

3GPP TSG GERAN

13   Supporting Companies

Nokia, Ericsson, Lucent, 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: parent Feature

GERAN 700 MHz spectrum support

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

(one Work Item identified as a building block)