

Source: Ericsson
Title: Work Item Description for GERAN improvements 2
Document for: GERAN output document for GERAN improvements 2
 Work Item to 3GPP TSG SA for approval

Work Item Description

Title
 Work Item Descriptions for Gb Enhancements

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

Independent feature.

3 Justification

This GERAN work item will improve GPRS cell reselection performance in a GPRS/EGPRS network.

4 Objective

This GERAN work item will provide enhanced quality of service regarding:

- *Reduction of the service outage time at intra BSC cell reselection;*
- *Reduced packet data loss at the cell-change;*
- *Reduced need for re-transmission of LLC PDUs transferred during the cell change.*

5 Proposed building blocks and work tasks:

Building Block	Work Task
Gb enhancements	GSM 03.64 <ul style="list-style-type: none"> • Update of Cell reselection principles. GSM 05.08 <ul style="list-style-type: none"> • Definition of new NC mode. GSM 04.60 <ul style="list-style-type: none"> • Definition of signaling support for new NC mode. • Definition of procedure for cell change notification. • Definition of procedures for network assisted cell change procedure.

- 6 Service Aspects**
None.
- 7 MMI-Aspects**
None.
- 8 Charging Aspects**
None.
- 9 Security Aspects**
None.
- 10 Impacts**

Affects:	SIM	ME	AN	CN	Others
Yes		X	X		
No	X			X	
Don't know					

- 11 Expected Output and Time scale (to be updated at each plenary)**
Finalisation of this work item is planned to February 2001.
- 12 Work item rapporteurs**
Ericsson – Ingemar Backlund
- 13 Work item leadership**
TSG GERAN
- 14 Supporting Companies**
Ericsson, Vodafone Group, Telia, Nokia, Motorola
- 15 Classification of the WI (if known)**

	Feature (go to 15a)
X	Building Block (go to 15b)
	Work Task (go to 15c)

- 15a The WI is a Feature: List of building blocks under this feature
- 15b The WI is a Building Block: parent Feature
- GERAN Improvements 2
- 15c The WI is a Work Task: parent Building Block