

TSG GERAN #6
Naantali, Finland
August 27-31 2001

Tdoc GP-011876
Revised Tdoc GP-011826
Agenda item 6.3 ; 7.2.5.3

TSG GERAN #7
Cancun, Mexico, 26-30 November 2001

Tdoc GP-012314

Source: Ericsson
Title: Work Item Description for Modification of Gb protocols for GERAN Inter BSC NACC over the Gb interface.
Document for: For approval

Work Item Description

Title

Modification of Gb protocols for GERAN Inter BSC NACC over the Gb interface.

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

Building block

3 Justification

This work item will improve GPRS cell reselection performance in a GPRS/EGPRS network when cell reselection is performed between cells controlled by different BSCs.

4 Objective

This work item will provide enhanced quality of service regarding:

- *Reduction of the service outage time at inter 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	Date of completion
Modification of Gb protocols for GERAN Inter BSC NACC over the Gb Interface	Stage 3 (changes to) <ul style="list-style-type: none">• 48.018	Feb 2002 (TSG GERAN #8)

- 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	<u>X</u>	
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 Feb 2002.

12 Work item rapporteurs

Ericsson – Ingemar Backlund

13 Work item leadership

TSG GERAN

14 Supporting Companies

Vodafone Group, Alcatel, Ericsson, Nokia

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 Inter BSC NACC improvements over the Gb Interface

15c The WI is a Work Task: parent Building Block