TSG GERAN #6　　　　　　　　　　　　　　　　　　　**Tdoc GP-011875**
Naantali, Finland　　　　　　　　　　　　　　　**Revised Tdoc GP-011681**
August 27-31 2001　　　　　　　　　　　　　　**Agenda item 6.3 ; 7.2.5.3**

3GPP TSG GERAN #7　　　　　　　　　　　　　　　　**Tdoc GP-012313**
Cancun, Mexico, 26-30 November 2001

Source:	Ericsson
Title:	Work Item Description for GERAN Inter BSC NACC improvements over the Gb Interface.
Document for:	For approval

Work Item Description

Title

GERAN Inter BSC NACC improvements over the Gb Interface.

1　　3GPP Work Area

X	Radio Access
X	Core Network
	Services

2　　Linked work items

Independent feature.

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:

Feature	Building Block	Work Task	Date of completion
GERAN Inter BSC NACC improvements over the Gb Interface	Modification of core network protocols for GERAN Inter BSC NACC over Gb Interface	Stage 2 • Concept • 23.060 change - Definition of Inter BSC NACC Stage 3 (changes to) • 29.060	Aug Oct 2001 (TSG GERAN #6) Dec 2001 (TSG SA2) Feb 2002 (TSG CN4)
	Modificiation of Gb protocols for GERAN Inter BSC NACC over Gb Interface	Stage 3 (changes to) • 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	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 Feb 2002.

12   Work item raporteurs

Ericsson – Ingemar Backlund

13   Work item leadership

TSG GERAN

14   Supporting Companies

Vodafone Group, Alcatel, Ericsson, Nokia

15   Classification of the WI (if known)

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

15a   The WI is a Feature: List of building blocks under this feature
- Modification of core network protocols for GERAN Inter BSC NACC for Gb
- Modificiation of Gb protocols for GERAN Inter BSC NACC over Gb Interface

15b   The WI is a Building Block: parent Feature

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