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

Tdoc GP-011877
Revised Tdoc GP-011827
Agenda item 6.3 ; 7.2.5.3

Source:	Ericsson
Title:	Work Item Description for Modification of core network protocols for GERAN Inter BSC NACC over the Gb Interface.
Document for:	For liaison with TSG CN4 for their approval

Work Item Description

Title

Modification of core network protocols for GERAN Inter BSC NACC for Gb interface.

1   3GPP Work Area

	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:

Building Block	Work Task	Date of completion
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	Oct 2001 (TSG GERAN #6) Dec 2001 (TSG SA2) Feb 2002 (TSG CN4)

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	
No					
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)

	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