

Source: Rapporteur
Title: WI re-org: New WI: GERAN real time handover for packet data
Document for: Decision

Work Item Description

Title

GERAN real time handover for packet data

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

- None

3 Justification

In order to provide streaming and conversational services a handover mechanism is required for packet data channels.

4 Objective

- Handover according to the service requirements of 3G
- Reuse of existing UTRAN mechanisms is preferred

5 Proposed features, building blocks and work tasks:

Building block	Work task
GERAN real time hand-over for packet data	Hand-over for the packet switched domain <ul style="list-style-type: none">• Stable RT hand-over report 25.936 including header removal• Update of stage 2• Update of relevant stage 3 specs

6 Service Aspects

The hand-over in GERAN should fulfill the same requirements as in UTRAN

7 MMI-Aspects

None

8 Charging Aspects

None

9 Security Aspects

The same security requirements should be fulfilled as in UTRAN

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)
 The time plan for this work item is documented in 50.099 (GERAN project plan)

12 Work item rapporteurs

Frank Mueller, Ericsson

13 Work item leadership

TSG GERAN

14 Supporting Companies

AWS, Ericsson, Nokia, Nortel, Siemens, Vodafone

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:

15b The WI is a Building Block: parent Feature

- Real time QoS for packet data services including VoIP

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