

Technical Specification Group, Radio Access Network
Madrid, Spain, 13-15 March 2000

TSGRP#7(00)01

Source: Nokia
Title: Handover for real-time services from PS-Domain
Document for: Approval
Agenda Item: 8

Introduction

This document proposes a new Work Item for the handover of real-time services from PS-Domain. The Work Item Description is attached.

Work Item Description

Title

Handover for real-time services from PS-Domain

1 3GPP Work Area

X	Radio Access
X	Core Network
	Services

2 Linked work items

(list of linked WIs)

3 Justification

In release 99, Relocation for services from PS domain is only optimised for non-real-time services. In current design, the content of the data buffers from the source RNC are fetched, which is not fully optimal for real-time services, and means that delay may exceed the requirement for real-time services. It is expected that real-time services from the PS domain, such as voice over IP would benefit from fully optimised handover.

4 Objective

This work item should design handover in RAN (mainly Iu) that supports real-time services from PS domain in an optimised way. The should be as simple as possible.

5 Service Aspects

The intention with the work item is to assure more optimised support for services such as voice over IP.

6 MMI-Aspects

None

7 Charging Aspects

None

8 Security Aspects

None

9 Impacts

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

10

Expected Output and Time scale (to be updated at each plenary)

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
		R3		RAN#8 or 9	RAN#10	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
25.413						

11 Work item rapporteurs

Atte Länsisalmi (Nokia)

12 Work item leadership

R3

13 Supporting Companies

(at least 4 companies)

Nokia

Note: Some support from BT and Ericsson received, but the final wording has not been discussed with them. It is anticipated that the industry would in general be in favour of solving this, and that enough support can be received during the meeting.

14 Classification of the WI (if known)

	Feature (go to 14a)
	Building Block (go to 14b)
	Work Task (go to 14c)

14a The WI is a Feature: List of building blocks under this feature

(list of Work Items identified as building blocks)

14b The WI is a Building Block: parent Feature

(one Work Item identified as a feature)

14c The WI is a Work Task: parent Building Block

(one Work Item identified as a building block)