TSG-RAN Meeting #12   *RP-010473*
Stockholm, Sweden, 12-15 June 2001

Agenda item: 9.9
Source: Ericsson

Title: **Proposed Work Item description on "Iur Common Transport Channel Efficiency Optimisation"**
Document for: Approval

_____

Work Item Description

Title

Iur Common Transport Channel Efficiency Optimisation

1   3GPP Work Area

X	Radio Access
	Core Network
	Services

2   Linked work items

None

3   Justification

Optimising the existing procedures will increase the efficiency of UTRAN and the quality of service to the end user.

4   Objective

Currently in RACH/FACH state, the SRNC will have to execute the RNSAP Common Transport Channel Resources Initialisation procedure every time the UE moves from one cell to another cell in the DRNS. This procedure is required to provide the SRNC with:

A) Information on supported MAC-C lengths;

B) Flow control information;

C) Possibility to request another bearer;

In many cases, many (all) S-CCPCH's in a DRNS will be configured with the same TB sizes. If in such a situation a UE moves from one cell to another cell under the same DRNS, there is no reason to update A).

If the DRNS can continue to use the same flow-control situation, there is no reason to update B).

If, in the case A) and B) are not required and the SRNC does not require the UE to start using a new transport bearer, there is no need to execute the CommonTransport Resource Initialisation procedure.

A mechanism shall be introduced which reduces the need for a Common Transport Resources Initialisation procedure where possible.

5 Service Aspects

None

6 MMI-Aspects

None

7 Charging Aspects

None

8 Security Aspects

None

9 Impacts

Affects:	USIM	ME	AN	CN	Others
Yes			X		
No	X	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 endorsement at plenary#	Approved at plenary#	Comments
25.xxx		WG3		RAN #14	RAN #14	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
25.423		RNSAP		RAN #14		

11 Work item raporteurs

Shahrokh Amirijoo (Ericsson)

12 Work item leadership

TSG-RAN WG3

13 Supporting Companies

Ericsson, NEC, Nortel, Vodafone

14 Classification of the WI (if known)

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

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

14b   The WI is a Building Block: parent Feature

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

RRM optimizations for Iur and Iub