TSG-RAN Meeting #9 *RP-000446*
Hawaii, US, 20th – 22nd September 2000

Agenda Item: *6.9*

Source: **Japan Telecom**

Title: **Proposed new R00 work task:**
"Migration to Modification procedure"

Document for: **Approval**

Migration to Modification procedure

Work Item Description

Title

Migration to Modification procedure

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

(list of linked Wis)

3 Justification

Subclause 7.8 "Radio access bearer modification" of 3G TR 25.931 "UTRAN functions, examples on signalling procedures" (Release 99) utilizes Modification procedure of transport network bearer. But it is associated with a note that if the referred signalling protocol does not have the modification procedure, tentative procedure with establish new bearer and then release old one is applied to. The referred signalling protocol does not have the procedure.

The modification procedure has advantages to the tentative procedure in the transport network bearer bandwidth optimization and required number of signalling messages for the capability. Furthermore the procedure also becomes functionally less complex; A transport channel needs no longer be moved from one transport bearer to another. Especially in the unsynchronised reconfiguration case (e.g. subclause 7.14.1 (should be 7.14.2) "Unsyncronised transport channel reconfiguration" in TR 25.931), the current/tentative procedure seems quite complex with respect to the "moment of moving".

4 Objective

In Release 2000 time frame, the modification procedure is available in enhanced the referred transport network signalling protocol.

This work item is to make successful migration from the tentative procedure to the modification procedure.

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 information at plenary#	Approved at plenary#	Comments

Affected existing specifications				
Spec No.	CR	Subject	Approved at plenary#	Comments
TS 25.410		UTRAN Iu interface: general aspects and principles	RAN #10	
TS 25.413		UTRAN Iu Interface RANAP Signalling	RAN #10	
TS 25.414		UTRAN Iu interface: data transport & transport signalling	RAN #10	
TS 25.415		UTRAN Iu interface: user plane protocols	RAN #10	
TS 25.420		UTRAN Iur interface: general aspects and principles	RAN #10	
TS 25.423		UTRAN Iur Interface RNSAP Signalling	RAN #10	
TS 25.424		UTRAN Iur interface: data transport & transport signalling for common transport channel data streams	RAN #10	
TS 25.425		UTRAN Iur interface: user plane protocols for common transport channel data streams	RAN #10	
TS 25.426		UTRAN Iur and Iub interfaces: data transport & transport signalling for DCH data streams	RAN #10	
TS 25.430		UTRAN Iub interface: general aspects and principles	RAN #10	
TS 25.433		UTRAN Iub Interface NBAP Signalling	RAN #10	
TS 25.434		UTRAN Iub interface: data transport & transport signalling for common transport channel data streams	RAN #10	
TR 25.931		UTRAN functions, examples on signalling procedures	RAN #10	

11 Work item rapporteurs

Takayuki Yoshimura (Japan Telecom)

12 Work item leadership

TSG RAN WG3

13 Supporting Companies

Japan Telecom, NEC, NTT DoCoMo, Ericsson

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

(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

Evolution of transport in UTRAN