TSG-RAN Working Group 2 (Radio layer 2 and Radio layer 3)
Sophia Antipolis, August 16th to 20th 1999

TSGR2#6(99)812

Agenda Item: 14.1

Source: Ericsson

Title: **Addressing for cell and URA update procedures – changes to 25.331**

Document for: Decision

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1 Introduction

This contribution proposes changes in TS 25.331, according to the principles for logical channels and addresses used for cell and URA update procedures decided at the last RAN2 meeting for the TS 25.303.

2 Proposal

It is proposed that the following changes are made to TS 25.331.

10.1.1.3 CELL UPDATE

This message is used by the UE to initiate a cell update procedure.
RLC-SAP: t.b.d.
Logical channel: ~~t.b.d.~~CCCH
Direction: UE→UTRAN

Information element category	Information elements	REFERENCE	TYPE	NOTE
	Message Type		M	
UE information elements	S-RNTI		M	~~FFS whether in RRC or MAC PDU.~~
	SRNC identity		M	

10.1.1.4 CELL UPDATE CONFIRM

This message confirms the cell update procedure and can be used to reallocate new RNTI information for the UE valid in the new cell.
RLC-SAP: t.b.d.
Logical channel: ~~t.b.d.~~DCCH
Direction: UTRAN→UE

Information element category	Information elements	REFERENCE	TYPE	NOTE
	Message Type		M	
UE information elements	~~S-RNTI~~		~~M~~	~~FFS whether in RRC or MAC PDU.~~
	~~SRNC identity~~		~~M~~	

10.1.1.9 URA UPDATE

This message is used by the UE to initiate a URA update procedure.
RLC-SAP: t.b.d.
Logical channel: ~~t.b.d.~~CCCH
Direction: UE→UTRAN

Information element category	Information elements	REFERENCE	TYPE	NOTE
	Message Type		M	
UE information elements	S-RNTI		M	~~FFS whether in RRC or MAC PDU.~~
	SRNC identity		M	

10.1.1.10 URA UPDATE CONFIRM

~~*<Functional description of this message to be included here>*~~This message confirms the URA update procedure and can be used to reallocate new RNTI information for the UE valid after the URA update.
RLC-SAP: t.b.d.
Logical channel: ~~t.b.d.~~CCCH or DCCH (optional)
Direction: UTRAN→UE

Information element category	Information elements	REFERENCE	TYPE	NOTE
	Message Type		M	
UE information elements	S-RNTI		~~M~~O	~~FFS whether in RRC or MAC PDU.~~In RRC PDU only when CCCH is used.
	SRNC identity		~~M~~	

10.1.1.11 RNTI REALLOCATION

<Functional description of this message to be included here>
RLC-SAP: t.b.d.
Logical channel: ~~t.b.d.~~DCCH
Direction: UTRAN→UE

Information element category	Information elements	REFERENCE	TYPE	NOTE
	Message Type		M	
UE information elements	~~S-RNTI~~		~~O~~	~~FFS whether in RRC or MAC PDU.~~
	~~SRNC identity~~		~~O~~	

10.1.4.1 RRC CONNECTION RE-ESTABLISHMENT

<Functional description of this message to be included here>
RLC-SAP: t.b.d.
Logical channel: ~~t.b.d.~~DCCH
Direction: UTRAN → UE

Information element category	Information elements	REFERENCE	TYPE	NOTE
	Message Type		M	

10.1.4.3 RRC CONNECTION RE-ESTABLISHMENT REQUEST

<Functional description of this message to be included here>
RLC-SAP: t.b.d.
Logical channel: ~~t.b.d~~CCCH
Direction: UE → UTRAN

Information element category	Information elements	REFERENCE	TYPE	NOTE
	Message Type		M	
UE information elements	S-RNTI		M	~~FFS whether conveyed on RRC or MAC.~~
	SRNC identity		M	

10.1.4.6 RRC CONNECTION REQUEST

RRC Connection Request is the first message transmitted by the UE when setting up an RRC Connection to the network.
RLC-SAP: t.b.d.
Logical channel: CCCH
Direction: UE → UTRAN

Information element category	Information elements	REFERENCE	TYPE	NOTE
	Message Type		M	
UE information elements	Initial UE identity		M	~~FFS whether conveyed on RRC or MAC.~~

10.1.4.7 RRC CONNECTION SETUP

This message is used by the network to accept the establishment of an RRC connection for an UE, including assignment of signalling link information, transport channel information and optionally physical channel information.
RLC-SAP: t.b.d.
Logical channel: CCCH
Direction: UTRAN → UE

Information element category	Information elements	REFERENCE	TYPE	NOTE
	Message Type		M	
UE information elements	Initial UE identity		M	~~FFS whether conveyed on RRC or MAC.~~

10.1.4.8 RRC CONNECTION REJECT

This message is transmitted by the network when the requested RRC connection cannot be accepted.
RLC-SAP: t.b.d.
Logical channel: CCCH
Direction: UTRAN → UE

Information element category	Information elements	REFERENCE	TYPE	NOTE
	Message Type		M	
UE information elements	Initial UE identity		M	~~FFS whether conveyed on RRC or MAC.~~

3 References

[1] TSGR2#5(99)542, LS to TSG RAN WG2 on high level principles for Cell Mobility and URA Mobility management over Iur, source TSG RAN WG3
[2] TSGR2#5(99)587, Addressing for cell and URA update procedures, source: Ericsson
[3] TS 25.331, RRC Protocol Specification, v1.1.0