

**Agenda Item** :  
**Source** : **NTT DoCoMo**  
**Title** : **RRC Message Parameters**  
**(For Cell URA Update / Confirm)**  
**Document for** : **Decision**

**1. Abstract**

This contribution shows the parameters for RRC protocol. This contribution is focused on Cell URA Update / Confirm.

**2. Categorization of RRC parameters**

RRC parameters are classified into 4 categories; RAB parameters, Transport CH parameters, Physical CH parameters and UE parameters. Each parameters are used as follows.

Parameter Category	Usage
RAB parameters	-Not Used.
Transport CH parameters	-Not Used.
Physical CH parameters	-Not Used.
UE parameters	-Used to allocate new RNC ID and S-RNTI.

**Table 1 Usage of parameters**

**Cell URA Update / Confirm** can be the combination of 1 types of parameters; UE parameters.

	RAB parameters	Transport CH parameters	Physical CH parameters	UE parameters
Cell/URA Update				M
Cell/URA Update Confirm				M

**Table 2 Combination of types of parameters**

**3. UE Parameters**

UE parameters are listed in Table 3.

- (1) It is FFS whether the Routing Information (SRNC ID, old S-RNTI) is mapped on MAC header or not.
- (2) It is mandatory when it is used in MAC and is not needed when it is not used in MAC.(\*1)
- (3) New SRNC ID and new S-RNTI are allocated only when SRNC relocated.
- (4) DRNC exists when CCH user plane exists on lur. In this case, DRNC allocates C-RNTI to UE for MAC header.

Parameter Name		Cell/URA Update	Cell/URA Update Confirm
Routing Information (FFS whether MAC or not)	SRNC ID	*1	*1
	S-RNTI		
New Routing Information (When SRC Relocation executed)	New SRNC ID		M
	New S-RNTI		
New MAC Information (Intra RNC) (When SRC Relocation is not executed)	New C-RNTI		O
New MAC Information (Inter RNC) (When SRC Relocation is not executed)	New C-RNTI		M

**Table 3 UE Parameters**

#### **4. References**

- [1] RAN TSG WG2 S2.31 V0.0.1, Description of the RRC protocol;