

**Agenda Item** :  
**Source** : NTT DoCoMo  
**Title** : RRC Message Parameters  
(For Active Set Update and HHO Command)  
**Document for** : Decision

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**1. Abstract**

This contribution shows the parameters for RRC protocol. This contribution is focused on Active Set Update and HO Command.

**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	-Used when a new Physical CH is setup -Used when an existing Physical CH is reconfigured
UE parameters	-Not Used

**Table 1 Usage of parameters**

**Active Set Update and HO Command** can be the combination of 1 types of parameters; Physical CH parameters.

	RAB parameters	Transport CH parameters	Physical CH parameters	UE parameters
Active Set Update			M	
HO Command			M	

**Table 2 Combination of types of parameters**

### 3. Physical CH Parameters

Physical CH parameters are listed in Table 3.

- (1) Regarding HO Command, it is only focused on intra-system HHO (FDD).
- (2) Parameters for inter-system HHO depends on target system and they are FFS and should be clarified.
- (3) Parameters for RL Addition and parameters for RL Deletion can be mapped on a same message.

Parameter Name			RL Addition	RL Deletion	Intra-sysmtem HHO	
Dedicated CH Info.	Cell List Reference ID				M	
	UL Power Control Info	UL Interference Level				
	UL Radio Resources	UL Scrambling Code#				M
		DPCCH Channelization Code (can be fixed value)				
		DPDCH Channelization Code#0				
		:				
		DPDCH Channelization Code#n				
	DL Radio Resources	BCH DL Scrambling Code#		M		
	Radio Link #0	DL Scrambling Code		M		M
		Channelization Code#0				
		:				
		Channelization Code#n				
	:	:				
DL Radio Resources	BCH DL Scrambling Code#			M		
Radio Link #k	DL Scrambling Code		M		M	
	Channelization Code#0					
	:					
	Channelization Code#n					

**Table 3 Physical CH Parameters**

### 4. References

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