

Agenda Item : Study Item

Source : Rapporteur (Telecom Modus Ltd.)

Title : NBAP Message parameters for: System Information Update

Document for: Discussion

Introduction:

The goal of this study item is to identify the System Information Update message parameters from CRNC to Node-B, and the possibility of moving RRC termination of BCH to RNC.

Status: There was no response to this initiation of study item over the wg3 reflector.

Discussion:

1. BCH Parameters:

The following parameters are based on the System Information RRC Message.

Information element category	Information elements	REFERENCE	TYPE	NOTE
	Message Type		M	
CN information elements	PLMN Identity		M	
	CN domain identity		M	For each Core Network Domain. Information must be included for at least one core network domain type.
	NAS system information		M	
UTRAN mobility information elements	URA identity		M	For each URA
	Information for periodic cell and URA update		M	<i>Note: not for each URA any more</i>
	Cell identity		M	The necessity and usage of cell identity is FFS.
	Cell selection and re-selection info		M	
UE information elements	Uplink access control info		M	
	Transmission probability		O	For all UE having DCH controlled by DRAC procedure For each class of UE Note2

	Maximum bit rate		O			
PhyCH information elements	Frequency info		O	For each RACH		
	PRACH info		M			
	Frequency info		O	For each FACH on secondary CCPCH		
	Secondary CCPCH info		M			
	Frequency info		O	For each PCH on secondary CCPCH		
	Secondary CCPCH info		M			
	PRACH power control info		M			
	SSDT Support Indication		M			
Measurement Information elements	Measurement Identity Number		M	Note 1	For each Intra-frequency measurement control	
	Intra-frequency cell info		M	For each measurement object		
	Intra-frequency measurement quantity		M			
	Intra-frequency measurement reporting criteria		M			
	Measurement Identity Number		M	Note 1	For each Inter-frequency measurement control	
	Inter-frequency cell info		M	For each measurement object		
	Inter-frequency measurement quantity		M			
	Inter-frequency measurement reporting criteria		M			
	Measurement Identity Number		M	Note 1	For each Inter-system measurement control	
	Inter-system cell info		M	For each measurement object		
	Inter-system measurement quantity		M			
	Inter-system measurement reporting criteria		M			
	Scheduling Information		M			

Note 1: The necessity and usage of Measurement identity number in this message is FFS.

Note 2: The split of parameters into several System Information message X is FFS.

2. BCH RRC Termination:

This depends upon the Information sent on BCH (BCH-C and BCH-V). The pros and cons needs to be studied further.