

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Clarifications for H-ARQ region	
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Re:		
Abstract	Clarifications for H-ARQ region	
Purpose	Adopting of proposed method into P802.16e	
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Clarifications for H-ARQ region

Problem definition

There is no definition for the kind of permutations and PermBase for the broadcast symbol region of the H-ARQ MAP.

Also it needs to clarify that what PermBase is used for Band AMC region in H-ARQ zone.

Proposed changes

Remedy 1

In page 105, Line 32, change the following text

No. Symbols for Broadcast

This specifies the number of symbols allocated for Broadcast symbol region. The Broadcast symbols should be allocated at the end of the DL sub-frame and the number of symbols is counted from the last symbol of the DL sub-frame. [The PermBase for this broadcast symbol region shall be set to 0.](#)

Add the following row to table 356 (DCD channel encoding):

<u>Name</u>	<u>Type (1 byte)</u>	<u>Length</u>	<u>Value (variable length)</u>
Permutation type for broadcast region in H-ARQ zone	19	1	0 = PUSC 1 = FUSC 2 = optional FUSC 3 = AMC

Remedy 2

Add the following sentence :
In page 105

Number of symbols for DL Band AMC

This specifies the number of symbols allocated for DL Band AMC subchannels. The other DL symbols excluding the symbols for Broadcast and DL Band AMC are allocated for the DL Normal subchannels. [PermBase for DL Band AMC is the same as one for normal subchannels region.](#)

Number of symbols for UL Band AMC

This specifies the number of symbols allocated for UL Band AMC subchannels. The other UL symbols excluding the symbols for DL Band AMC are allocated for the UL Normal subchannels. [PermBase for UL Band AMC is the same as one for normal subchannels region.](#)