

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Clarification of CQICH allocation request header	
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Re:	This is a contribution to IEEE 802.16e.	
Abstract	In the current document of 802.16e, i.e., 16e/D6, the type field code allocation is problematic, e.g., duplicated allocations. This contribution proposes to add tables to list the type fields encodings and also to clean up the type code allocation problems in 16e/D6.	
Purpose	To correct the errors of the type code allocations and also to improve the type code allocations.	
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Clarification of CQICH allocation header

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Introduction

In the current document, the allowed type for Bandwidth request header is ‘111’ for CQICH channel allocation request. This contribution proposes to add table and figure to make sure.

Suggested Changes

[Delete sentence line 41, page 14]

d) The Bandwidth Request (BR) field shall indicate the number of bytes requested. ~~This field may be set to zero if Type is set to 111~~

[Insert new sub clause 6.3.2.1.2.3:]

6.3.2.1.2.3 CQICH Allocation Request Header

The CQICH Allocation request PDU shall consist of CQICH Allocation request header alone and shall not contain a payload. The CQICH Allocation request header is illustrated in Figure 20d

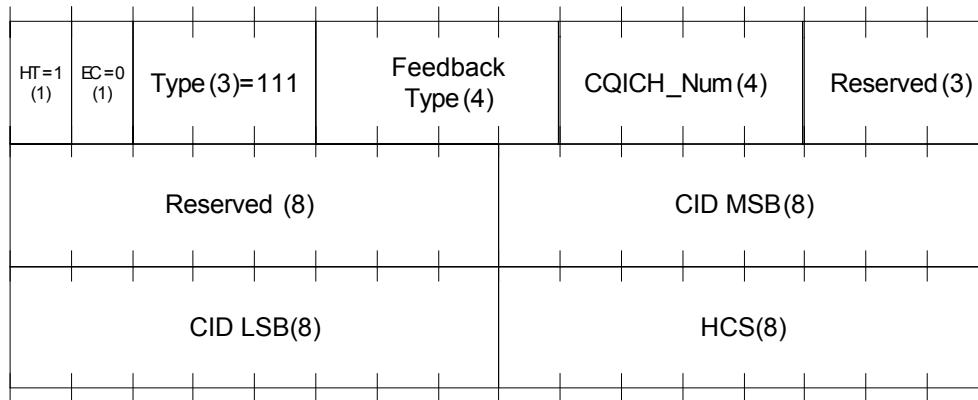


Figure 20d—CQICH Allocation Bandwidth request

Table 7e – Description of the fields of CQICH Allocation Request Header

<u>Name</u>	<u>Length</u> (bits)	<u>Description</u>
<u>HT</u>	1	<u>Header Type =1</u>
<u>EC</u>	1	<u>Always set to zero</u>

Type	3	Type =111
Feedback type	4	Set according to Table 7d
CQICH_Num	4	The number of CQICH requested by MS
Reserved	11	
CID	16	MS basic CID
HCS	8	Header Check Sequence (same usage as HCS entry in Table 5)