

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Clarification for Relay MAC Header	
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Re:	Call for Technical Comments Regarding IEEE Project (IEEE 802.16j-07/013r2)	
Abstract	This document clarifies the relay MAC header	
Purpose	To incorporate the proposed change into the P802.16j Baseline Document (IEEE 802.16j-06/026r4)	
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Clarification for Relay MAC Header

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Description

One service flow ID will be associated with one tunnel. A traffic priority value (11.13.5) will be associated with one service flow. Therefore the priority field in the relay MAC header is redundant.

Proposed Text

6.3.2.1.1.1 Relay MAC PDU header format

[Modify the last paragraph]

Relay MAC PDU shall be of the format defined in Table 6a and further illustrated in Figure 19b and 19c, respectively.

~~The 3-bit "priority field" may be used in the relay MAC header to indicate the priority of the associated tunneled MPDU.~~

[Modify the items in the Table 19c—RS UL_DCH request header]

Table 19c—RS UL_DCH request header

Syntax	Size	Notes
MAC Header() {		
HT	1 bit	
if(HT==0){		
<i>Reserved</i>	1 bit	Currently reserved. Content is subject to further discussion
RMI	1 bit	Relay mode indication(RMI) is used to indicate whether this MAC header is GMH or Relay MAC header RMI=0; use GMH RMI=1; use relay MAC header
<i>Reserved</i>	7 10 bits	Currently reserved. Content is subject to further discussion
Priority	3 bits	Priority of the associated tunneled MPDU
LEN	11 bits	
CID	16 bits	May be tunnel CID or basic CID of the RS
HCS	8 bits	Header Check Sequence
}else {		
Use legacy 802.16e or 802.16j format	39 bits	
HCS	8 bits	
}		
}		
}		