

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://iee802.org/16 >	
Title	Order of sub-headers	
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Re:	802.16a-D1	
Abstract	This document follows a comment to 802.16a-D1 for Session #17	
Purpose	This document is contributed to describe details of certain comment to 802.16a-D1	
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Order of Sub-headers

The following sub-headers may be placed at the beginning of MAC PDU in the order according to their priorities (lower first):

- ARQ Feedback sub-header, if present - 1st priority
- ARQ/Fragmentation sub-header — 2nd priority
- Packing Sub-header — 3d priority

Note. There are several Packing sub-headers, each one placed immediately before the correspondent MAC SDU (partial MAC payload)

The following table figure possible combinations of sub-headers. Several "X" symbols at each column mark a possible combination.

Table 1. Possible Combinations of Sub-Headers, DL

Sub-Headers	Possible Combinations				
ARQ/Fragmentation		X	X		
ARQ Feedback Sub-header			X		X
Packing Sub-headers				X	X

Table 2. Possible Combinations of Sub-Headers, UL

Sub-Headers	Possible Combinations											
Grant Management							X	X	X	X	X	X
ARQ/Fragmentation		X	X					X	X			
ARQ Feedback Sub-header			X	X		X			X	X		X
Packing Sub-headers					X	X					X	X