

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Clarification of the OFDM DL Subchannelization Zone	
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Re:	Sponsor Ballot Comment	
Abstract	This document proposes a clarification to the OFDM DL subchannelization zone	
Purpose	For consideration as a modification to D8 during Sponsor Ballot resolution.	
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Clarification of the OFDM DL Subchannelization Zone

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Introduction

The purpose of this document is to remove any ambiguities related to the implementation of DL subchannelization in the 802.16e/D8 document.

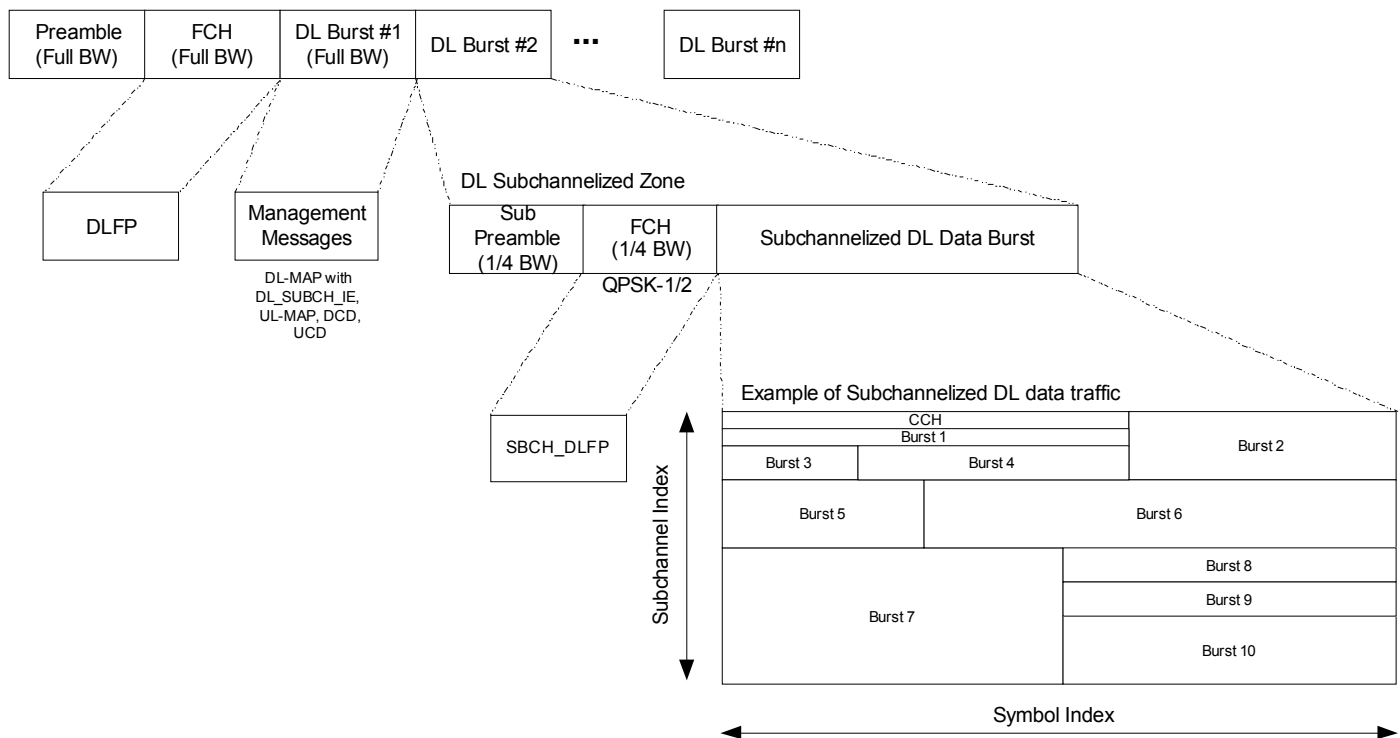
Explanation of Problem

The figure from previous contribution IEEE C802.16e-05/093, the figure did not remove all of the ambiguities related to DL subchannelization, as it was not clear from the figure that the subchannelized DL data burst contained concurrent data bursts to multiple subscriber stations and how the control subchannel (CCH) should be used.

Suggested Remedy

Replace figure 208a in section 8.3.5.1.1 with the following figure.

DL Sub-frame



Modify Line 49 and 50 in page 244, section 8.3.5.1.1 as follows:

The CCH ~~may~~ shall carry ~~UL and~~ DL maps for bursts in the DL subchannelized zone. ~~UL maps shall use the format of UL_MAP_IE as in Table 243 (UL map IE)~~. The DL maps shall use the format ~~if~~ of SBCH_DL_MAP_IE as in Table 207d.