Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**	
Title	**Illustration of the frame structure for a 16m TDD system with four switching points**	
Date Submitted	**2008-05-13**	
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Re:	The call for contributions on "The entire content of IEEE 802.16m-08/003r1" (Frame structure)	
Abstract	Multiple sections of the documents contain text proposals in support of comment submitted separately on the proposed frame structure baseline content in document C802.16m-08/118r1.	
Purpose	Propose text changes to the SDD in support of a comment to IEEE 802.16m-08/003r1 (SDD) submitted separately	
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Illustration of the frame structure for a 16m TDD system with four switching points

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In the SDD (802.16m-08/003r1), in section 11.4.1 on the Basic Frame Structure, it is stated that the number of switching points in each radio frame is between two and four for TDD systems. There is, however, no illustration of the four switching point case. We believe that such an illustration would be helpful for further work, and propose therefore the introduction of such a figure, and associated text.

----------TEXT PROPOSAL for section 11.4.1 row 23 to 27 in IEEE 802.16m-08/003r1----------

Change the paragraph in line 23 to 27 on page 17 as follows:

Figure 9 and figure X illustrate~~s an~~ example TDD frame structures with DL to UL ratio of 5:3, for two and four switching points respectively. Assuming OFDMA symbol duration of 102.82 us and a CP length of 1/8 Tu, the length of regular and irregular sub-frames are 0.617 ms and 0.514 ms, respectively. Other numerologies may result in different number of sub-frames per frame and symbols within the sub-frames. Figure 10 shows the frame structure in FDD mode.

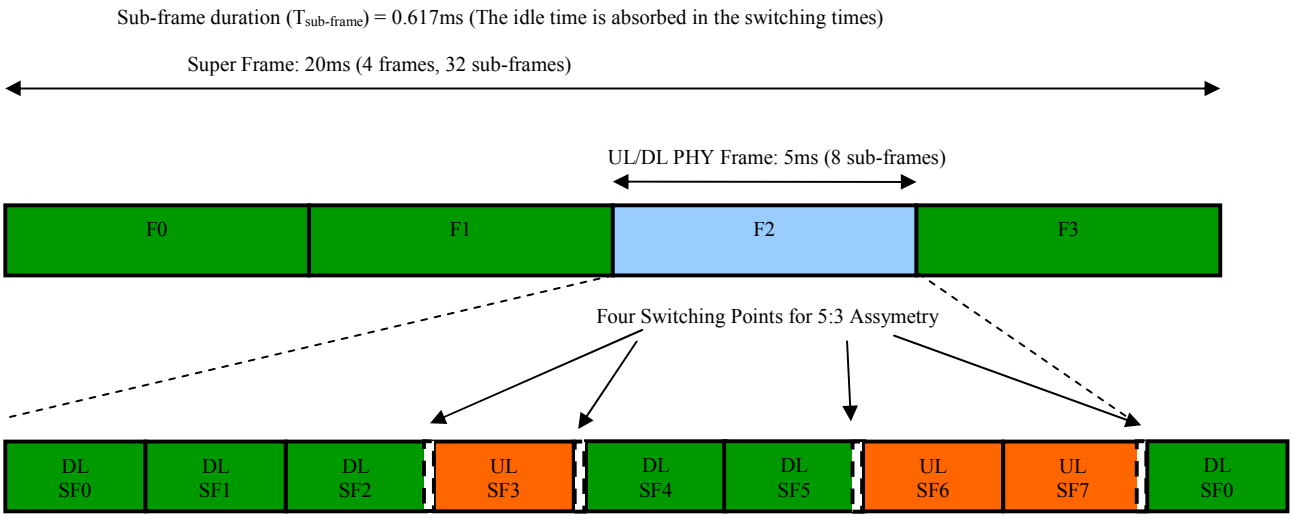

Figure X Example of sub-frame configuration in TDD duplex scheme with four switching points per radio frame.

----------END OF TEXT PROPOSAL----------