Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**Resolution of Comment 342 (Frame Duration Codes)**
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Re:	Comments 342 in the Sponsor Ballot Comment database ***IEEE 802.16-02/54r3***
Abstract	This document is an editorial proposal for implementing the resolutions of Comment 342
Purpose	This information is submitted for consideration by the Ballot Resolution Committee for implementing the resolution of Comment 342
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Proposed Revision of Resolution for Comments 196 and 197 (Frame Duration Codes)

David Trinkwon

1. Background

Comment 342 included doc C802.16a-02/89 with proposals for changing the Frame Duration Code tables for OFDM and OFDMA.

As a result of the Ballot Resolution Committee discussions, modified resolutions have been documented in C802.16a-02/90r7. These are technically correct but editorially confusing / inconsistent.

This revised document provides editorially updated tables to be included in a further revision of C802.16a-02/90r7 and the proposed Draft D6 for sponsor confirmation ballot. To improve consistency, an additional proposal has also been included for the SC table.

2. Proposed Resolutions (changes indicated in Red based on Draft 5)

Page 126 Lines 38 - 49 becomes

Table 116s—SC Frame Duration Codes (T_F ms)

Code(N)	Nominal	Actual duration (T_F)
0-6	2.5 – 5.0 ms by 0.5 ms	round((N/2+2)/T_s)*T_s
7-11	6 – 10 ms by 1 ms	round((N-1)/T_s)*T_s
12-255		Reserved

Page 161 Line 42 – 53 becomes

Table 116am—OFDM Frame Durations Codes (T_F ms)

PMP			Mesh		
Code(N)	Nominal	Actual duration (T_F)	Code(N)	Nominal	Actual duration (T_F)
0-4	3.0 – 5.0 ms by 0.5 ms	round((N/2+3)/T_s)*T_s	0 - 8	4 – 20 ms by 2 ms	round((2N+4)/T_s)*T_s
5-6	7 – 8 ms by 1 ms	round((N+2)/T_s)*T_s			
7-12	10 – 20 ms by 2 ms	round(2*(N-2)/T_s)*T_s			
13-255		Reserved	9-255		Reserved

Page 192 Line 36 – 50 becomes

Table 116bi—OFDMA Frame Durations Codes (T_F ms)

PMP		
Code (N)	Nominal (D)	Actual duration (T_F)
0	200 ms	AAS-only gap up to 200 ms following (see 8.5.6.3)
1	2 ms	FDD: round(D/3T_s)*3T_s TDD: max(round((D/T_s),7)*T_s
2	3.5 ms	
3	5 ms	
4	7 ms	
5	10 ms	
6	14 ms	
7	15 ms	
8	20 ms	
9-255		Reserved