

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >
Title	<b>Corrections on some TLVs in UCD and DCD for OFDMA</b>
Date Submitted	<b>2005-09-30</b>
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Re:	IEEE P802.16e/D11.
Abstract	This presentation corrects some TLVs in UCD and DCD of 16e for consistency with Cor1.
Purpose	Review and adoption of the proposed text change into IEEE P802.16e/D12.
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# Corrections on some TLVs in UCD and DCD for OFDMA

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## 61. Problem Statements

8Some TLVs in IEEE 802.16e/D11 are different from those in IEEE 802.16-Cor1/D5.

Table 1 Difference in Table 349

type	Cor1-D5	16e-D11
1	-	-
2	-	-
3	Bandwidth Request Opportunity Size - Removed	-
4	Ranging Request Opportunity Size - Removed	-
5	-	-
7	-	HO Ranging Start – added
8	-	HO ranging_end - added
9	-	Initial_ranging_backoff_start – added
10	-	Initial_ranging_backoff_end – added
11	-	Bandwidth_request_backoff_start – added
12	-	Bandwidth_request_backoff_end – added
13	-	Uplink_burst_profile for multiple FEC types – added
175	-	Normalized C/N override2 – added Conflicting type number with Normalized C/N override

Table 2 Difference in Table 353

type	Cor1-D5	16e-D11
150	-	Duplicate – to be removed
151	-	Duplicate – to be removed
152	-	Duplicate – to be removed
153	-	Duplicate – to be removed
154	-	Duplicate – to be removed
155	Value is modified	Duplicate – to be removed
156	Value is modified	Duplicate – to be removed
157	Value is modified	Duplicate – to be removed
158	Value is modified	Duplicate – to be removed
159	-	Value is added – to be underlined
160	-	Value is added – to be underlined
161	-	Value is added – to be underlined
162	-	Value is added – to be underlined
163	-	Value is added – to be underlined
164	-	Value is added – to be underlined
165	-	Duplicate – to be removed
166	-	Duplicate – to be removed
167	-	Duplicate – to be removed
168	-	Duplicate – to be removed
169	-	Duplicate – to be removed
170	-	Duplicate – to be removed
171	Name is modified	Duplicate – to be removed
172	-	Duplicate – to be removed
18	UL AMC Allocated physical bands bitmap - added	added but it is also added in Cor1 so better to be removed
174	Maximum retransmission - added	-

175	Normalized C/N override - added	-
176	Size of CQICH ID field - added	-
185	Band AMC Entry Average CINR - added	added but it is also added in Cor1 so better to be removed
186	-	UpperBoundAAS_PREAMBLE - added
187	-	LowerBoundAAS_PREAMBLE - added
188	-	Allow AAS Beam Select Messages - added
189	-	Use CQICH indication flag - added
190	-	MS-specific up power offset adjustment step - added
191	-	MS-specific down power offset adjustment step - added
192	-	Minimum level of power offset adjustment - added
193	-	Maximum level of power offset adjustment - added
194	-	Handover Ranging Codes - added
195	-	Initial ranging interval - added
196	-	Tx Power Report - added
197	-	Normalized C/N for Channel Sounding - added

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Table 3 Difference in Table 358

type	Cor1-D5	16e-D11
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
7	Length and Value are modified	-
8	Value is modified	-
9	Name and Value are modified	-
10	-	-
11	-	-
12	-	-
13	-	-
14	-	-
15	Value is modified	-
16	Removed	-
17	Name is modified	-
19	Permutation type for broadcast region in H-ARQ zone - added	-
20	Maximum retransmission - added	-
21	Default RSSI and CINR averaging parameter - added	-
22	DL AMC allocated physical bands bitmap - added	-
30	-	DL allocated subchannel bitmap for optional AMC permutation - added but duplicate with '22' in Cor1 - better to be removed
31	-	H_Add Threshold - added
32	-	H_Delete Threshold - added
33	-	ASR(Anchor Switch Report) Slot Length (M) and Switching Period (L) - added
34	-	DL region definition - added
35	-	Paging Group ID - added
36	-	TUSC1 permutation active subchannels bitmap - added
37	-	TUSC2 permutation active subchannels bitmap - added
50	-	HO type support - added
51	-	Hysteresis margin - added
52	-	Time-to-Trigger duration - added
54	-	Trigger - added
60	-	N+I - added
153	-	Downlink_burst_profile for multiple FEC types - added
154	-	BS Restart Count - added
148	-	Duplicated - to be removed

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Table 4 Difference in Table 363

type	Cor1-D5	16e-D11
150	Values are modified	Values are modified
151	Removed	-
152	Removed	-

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**32. Remedy**

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5[**Move type 175 from Table 349 to Table 353a and change the type number to 177**]

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7[**Remove following TLVs from Table 353a, pp. 535-537**]

8 - 150, 151, 152, 153, 154, 155, 156, 157, 158, 165, 166, 167, 16, 169, 170, 171, 172, 18, 185

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10[**Change the Table number from Table 353a to 353**]

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12[**Underline texts in Value Column of following TLVs in Table 353a, pp. 535-537**]

13 - 159, 160, 161, 162, 163, 164, 165

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15[**Remove following TLVs from Table 358, pp. 540-541**]

16 - 30, 148

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18[**Re-arrange Table 353a and 358 so that type numbers are in increasing order**]

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**203. References**

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22[1] IEEE Std 802.16-2004, "IEEE Standard for Local and metropolitan area networks Part 16: Air Interface for Fixed  
23 Broadband Wireless Access Systems," Oct. 2004.24[2] IEEE P802.16-Cor1/D5, "Corrigendum to IEEE Standard for Local and Metropolitan Area Networks - Part 16: Air  
25 Interface for Fixed Broadband Wireless Access Systems," Sep. 2005.26[3] IEEE P802.16e/D11, "Draft Amendment to IEEE Standard for Local and Metropolitan Area Networks Part 16: Air  
27 Interface for Fixed and Mobile Broadband Wireless Access Systems —Amendment for Physical and Medium  
28 Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands," Sep. 2005.

29