

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Turner, Michelle

Membership Status:

Date: 29-Feb-2012

Comment # **r01-1**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type **Technical**      Part of Dis ☒ Satisfied ☐      Page **0**      Line **0**      Fig/Table#      Subclause **0**

802.16.1-2012 is cited in the normative reference clause. This is not yet an approved standard. It should be cited as a draft. The appropriate citation should be IEEE P802.16.1\_DX\_Month\_Year.

Suggested Remedy

GroupResolution

Decision of Group: **Principle**

IEEE Std. <insert>P</insert>802.16.1<delete>-2012</delete>, IEEE for WirelessMAN-Advanced Air Interface for Broadband Wireless Access Systems.

Reason for Group's Decision/Resolution

According to

IEEE Standards Style Manual, "For undated references, the latest edition of the referenced document (including any amendments or corrigenda) applies." For easier maintenance, this is the WG preference.

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Turner, Michelle

Membership Status:

Date: 29-Feb-2012

Comment # **r01-2**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type **Technical**      Part of Dis ☒ Satisfied ☐      Page **0**      Line **0**      Fig/Table#      Subclause **0**

IETF RFC 2132 is cited in the Normative reference clause however it's not cited in text, if it's needed for the implementation of the standard, please cite in text.

Suggested Remedy

GroupResolution

Decision of Group: **Accepted**

The reference of IETF RFC 2132 will be removed.

Reason for Group's Decision/Resolution

The reference is cited from IEEE 802.16m and this is irrelevent to IEEE 802.16Rev3.

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Turner, Michelle

Membership Status:

Date: 29-Feb-2012

12-12-2012

Comment # **r01-3**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type **Technical**      Part of Dis ☒ Satisfied ☐      Page **0**      Line **0**      Fig/Table#      Subclause **0**

ISO/IEC 8824 is cited in the Normative reference clause, however it is not cited in text. If it's needed for the implementation of the standard please cite in text.

Suggested Remedy

GroupResolution

Decision of Group: **Accepted**

Line 36, Page 1450,  
[ISO<insert>/IEC 8824, </insert>8825]

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012

12-12-2012

Comment # **r01-4**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type **Editorial**      Part of Dis ☒ Satisfied ☐      Page **?**      Line **10**      Fig/Table#      Subclause **G**

LPDC is a typo

Suggested Remedy

Change "LPDC" to "LDPC"

GroupResolution

Decision of Group: **Accepted**

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012

Comment # **r01-5**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type Editorial      Part of Dis ☒ Satisfied ☐      Page 102      Line 56      Fig/Table#      Subclause 6.3.2.2.7

The 'Reserved', 'Extended Subheader Type', and 'Extended Subheader Body' rows in the table should be put in the body of a 'for' loop that counts from 1 to 'Extended Subheader Group Length - 1'

Suggested Remedy

Add the following table row above the 'Reserved' row:  
for (i=1; i < Extended Subheader Group Length; i++) {  
Add the following table row after the last row in the table:  
}

GroupResolution

Decision of Group: **Accepted**

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012  
14:12:50

Comment # **r01-6**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type Editorial      Part of Dis ☐ Satisfied ☐      Page 118      Line 3      Fig/Table#      Subclause 6.3.2.3.2  
dependant is a typo

Suggested Remedy

Change "dependant" to 'dependent'

GroupResolution

Decision of Group: **Accepted**

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012  
14:12:50

Comment # **r01-7**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type Technical      Part of Dis ☒ Satisfied ☐      Page 443      Line 36      Fig/Table#      Subclause 6.3.9.5.1  
For this paragraph, the RNG-RSP is always successful. The issue is whether the transmission attempt using the CDMA Code was successful.

Suggested Remedy

Change "RNG-RSP" to "transmission attempt"

GroupResolution

Decision of Group: **Principle**

it shall consider the <delete>RNG-RSP</delete><insert>transmission attempt</insert> reception successful,

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012  
14:12:50

Comment # **r01-8**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type Editorial      Part of Dis ☒ Satisfied ☐      Page 445      Line 25      Fig/Table#      Subclause 6.3.9.5.1  
The RNG-RSP field is actually called 'Offset Frequency Adjust'

Suggested Remedy

change "Offset Frequency Adjustment" to "Offset Frequency Adjust" in both places on the line

GroupResolution

Decision of Group: **Accepted**

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012  
14:12:50

Comment # **r01-9**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type Editorial      Part of Dis ☒ Satisfied ☐      Page 481      Line 56      Fig/Table#      Subclause 6.3.10.3.1  
The RNG-RSP field is actually called 'Offset Frequency Adjust'

Suggested Remedy

change "Offset Frequency Adjustment" to "Offset Frequency Adjust" in both places on the line

GroupResolution

Decision of Group: **Accepted**

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012  
1:12:12 PM

Comment # **r01-10**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type Editorial      Part of Dis ☒ Satisfied ☐      Page 658      Line 54      Fig/Table#      Subclause 6.3.21.1.2  
DUIC is a typo

Suggested Remedy

Change "DUIC" to "DIUC"

GroupResolution

Decision of Group: **Accepted**

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012  
1:12:12 PM

Comment # **r01-11**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type Technical      Part of Dis ☒ Satisfied ☐      Page 848      Line 6      Fig/Table#      Subclause 8.3.3.1  
b\_6 is listed twice. The second time it should read b\_8

Suggested Remedy

Change 'b\_6' to 'b\_8' for the bit that follows 'b\_7'

GroupResolution

Decision of Group: **Accepted**

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012

Comment # **r01-12**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type **Technical**      Part of Dis ☒ Satisfied ☐      Page **848**      Line **22**      Fig/Table#      Subclause **8.3.3.1**

b\_6 is listed twice. The second time it should read b\_8

Suggested Remedy

Change 'b\_6' to 'b\_8' for the bit that follows 'b\_7'

GroupResolution

Decision of Group: **Accepted**

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012

Comment # **r01-13**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type **Editorial**      Part of Dis ☒ Satisfied ☐      Page **848**      Line **56**      Fig/Table#      Subclause **8.3.3.2.1**

Equation begins with a typo

Suggested Remedy

Change "x)" to "g(x)"

GroupResolution

Decision of Group: **Accepted**

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions



2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012  
14:12:50

Comment # **r01-14**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type Editorial      Part of Dis ☒ Satisfied ☐      Page 858      Line 54      Fig/Table#      Subclause 8.3.3.4.3  
Rate\_IDs is a typo

Suggested Remedy

Change "Rate\_IDs" to "Rate IDs"

GroupResolution

Decision of Group: **Accepted**

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012  
14:12:50

Comment # **r01-15**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type Editorial      Part of Dis ☒ Satisfied ☐      Page 858      Line 55      Fig/Table#      Subclause 8.3.3.4.3  
Rate\_ID is a typo

Suggested Remedy

Change "Rate\_ID" to "Rate ID"

GroupResolution

Decision of Group: **Accepted**

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012

Comment # **r01-16**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type Editorial      Part of Dis ☒ Satisfied ☐      Page 864      Line 44      Fig/Table#      Subclause 8.3.5.1  
DL\_Frame\_Prefix is a typo

Suggested Remedy

Change "DL\_Frame\_Prefix" to "downlink frame prefix (DLFP)"

GroupResolution

Decision of Group: **Principle**

Change "DL\_Frame\_Prefix" to "DL frame prefix (DLFP)"

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012

Comment # **r01-17**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type Technical      Part of Dis ☒ Satisfied ☐      Page 864      Line 43      Fig/Table#      Subclause 8.3.5.1  
Figure 339 does not exist! This appears to be a reference to a table

Suggested Remedy

Change "Figure 339" to "Table 338"

GroupResolution

Decision of Group: **Principle**

1. Modify the the name of cross reference "Table 338".

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012

Comment # **r01-18**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type **Technical**      Part of Dis ☒ Satisfied ☐      Page **864**      Line **54**      Fig/Table#      Subclause **8.3.5.1**

The location of the first DL burst is NOT specified in the DL frame prefix

Suggested Remedy

Replace "Location and profile" with "The burst profile"

GroupResolution

Decision of Group: **Principle**

Replace "Location and profile" with "Location and burst profile"

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012

Comment # **r01-19**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type **Editorial**      Part of Dis ☒ Satisfied ☐      Page **864**      Line **57**      Fig/Table#      Subclause **8.3.5.1**

grammar correction

Suggested Remedy

Change "Profile is specified" to "The burst profiles are specified"

GroupResolution

Decision of Group: **Accepted**

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012  
14:12:50

Comment # **r01-20**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type Editorial      Part of Dis ☒ Satisfied ☐      Page 882      Line 30      Fig/Table#      Subclause 8.3.6.2.9  
DUIC is a typo

Suggested Remedy

Change "DUIC" to "DIUC"

GroupResolution

Decision of Group: **Accepted**

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012  
14:12:50

Comment # **r01-21**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type Editorial      Part of Dis ☒ Satisfied ☐      Page ?      Line 24      Fig/Table#      Subclause 8.4.5.3.22  
carriers is a typo

Suggested Remedy

Change "carriers" to "carries"

GroupResolution

Decision of Group: **Accepted**

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Bims, Harry

Membership Status:

Date: 5-Mar-2012

11:16:50 PM

Comment # **r01-22**

Document under Review: **IEEE P802.16Rev3/D4**

Ballot ID: **sb00R3**

Comment      Type **Technical**      Part of Dis ☒ Satisfied ☐      Page **?**      Line **61**      Fig/Table#      Subclause **8.4.5.4.10**  
UIUC=15 is incorrect

Suggested Remedy

Change "UIUC = 15" to "UIUC = 11"

GroupResolution

Decision of Group: **Accepted**

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by: Yan-Xiu Zheng

Membership Status:

Date: 2012/03/13

Comment # 2001

Document under Review: IEEE P802.16Rev3/D4

Ballot ID: sb00R3

Comment      Type Technical      Part of Dis ☐ Satisfied ☐      Page 122      Line 58      Fig/Table#      Subclause 6.3.2.3.5

Note: Reponse to WiMAX Forum Liaison IEEE 802.16-12-0218-00-WGLS

When direct handover in idle mode is completed, the context in previous paging controller needs to be deleted. Hence, it needs to inform paging controller ID and paging information in serving base station to corresponding target base station.  
In order to get rid of ongoing jobs in previous paging controller, it needs to define new ranging purpose indication code for network reentry from idle mode in case of direct handover from legacy BS or AAI-only BS.  
For network reentry from idle mode in case of direct handover from legacy BS, paging controller ID used in legacy BS needs to be informed to the target 16m ABS. For network reentry from idle mode in case of direct handover from AAI-only BS, paging controller ID, DID, and paging cycle used in 16m ABS need to be informed to the target 16e BS.

Suggested Remedy

Adopt the proposed text in Contribution IEEE 802.16-12-0240-00-Gdoc or later version.

GroupResolution

Decision of Group: Principle

Adopt the proposed text in Contribution IEEE 802.16-12-0240-03-Gdoc.

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Yan-Xiu Zheng

Membership Status:

Date: 2012/03/14

Comment # 2002

Document under Review: IEEE P802.16Rev3/D4

Ballot ID: sb00R3

Comment

Type Editorial

Part of Dis

☐

Satisfied

☐

Page 17

Line 15

Fig/Table#

Subclause

Comment 07 in previous ballot requires further consideration.

Suggested Remedy

Add new Abbreviation to Clause 4

<insert>STID Station Identifier (specified in IEEE 802.16.1)</insert>

GroupResolution

Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Yan-Xiu Zheng

Membership Status:

Date: 2012/03/14

Comment # 2003

Document under Review: IEEE P802.16Rev3/D4

Ballot ID: sb00R3

Comment      Type Editorial      Part of Dis ☐ Satisfied ☐      Page 29      Line 205      Fig/Table#      Subclause 4

Comment 08 and 09 in previous ballot requires further consideration.

Suggested Remedy

Add new Abbreviation to Clause 4 in line 205, on Page 29

<insert>AMS advanced mobile station (specified in IEEE 802.16.1)</insert>

Modify the setence in Line 38 on Page 1623 as follows:

This TLV shall be used for only A<delete>AI </delete>MS<delete> which supports Std. IEEE802.16.1</delete>.

Modify the setence in Line 8 on Page 1447 as follows:

TLVs shall be used only for AA<delete>I capable </delete>MS<delete> which supports IEEE Std. 802.16.1</delete> and the order of these TLV shall be the same as the order of Neighbor\_ABS\_Index in Neighbor ABS Information

GroupResolution

Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions



2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Yan-Xiu Zheng

Membership Status:

Date: 2012/03/14

Comment # 2004

Document under Review: IEEE P802.16Rev3/D4

Ballot ID: sb00R3

Comment      Type Editorial      Part of Dis ☐ Satisfied ☐      Page ?      Line 54      Fig/Table#      Subclause 11.1.16.2

Comment 11, 12 and 13 in previous ballot requires further consideration.

Suggested Remedy

Modify the setence in Line 55 on Page 1447 as follows:

See <delete>Table 839 in IEEE 802.16m-2011</delete><insert>Table 182 in IEEE P802.16.1/D4</insert> [Editor's note: Need to update cross reference before sponsor ballot finalization]

Modify the setence in Line 4 on Page 1448 as follows:

See <delete>Table 840 in IEEE 802.16m-2011</delete><insert>Table 183 in IEEE P802.16.1/D4</insert> [Editor's note: Need to update cross reference before sponsor ballot finalization]

Modify the setence in Line 16 on Page 1448 as follows:

See <delete>Table 841 in IEEE 802.16m-2011</delete><insert>Table 184 in IEEE P802.16.1/D4</insert> [Editor's note: Need to update cross reference before sponsor ballot finalization]

GroupResolution

Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Yan-Xiu Zheng

Membership Status:

Date: 2012/03/14

Comment # 2005

Document under Review: IEEE P802.16Rev3/D4

Ballot ID: sb00R3

Comment

Type General

Part of Dis

☐

Satisfied

☐

Page ?

Line 17

Fig/Table#

Subclause 11.1.3

Comment 19 in previous ballot requires further consideration.

Suggested Remedy

Delete Value 10. Add 10 to the Reserved list.

GroupResolution

Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Yan-Xiu Zheng

Membership Status:

Date: 2012/03/15

Comment # 2006

Document under Review: IEEE P802.16Rev3/D4

Ballot ID: sb00R3

Comment

Type Editorial

Part of Dis

☐

Satisfied

☐

Page ii

Line 13

Fig/Table#

Subclause

The Abstract is obsolete and incorrect.

Suggested Remedy

Replace the Abstract with the Scope and Purpose statements of the PAR, as follows:

"This standard specifies the air interface, including the medium access control layer (MAC) and physical layer (PHY), of combined fixed and mobile point-to-multipoint broadband wireless access (BWA) systems providing multiple services. The MAC is structured to support the WirelessMAN-SC, WirelessMAN-OFDM, and WirelessMAN-OFDMA PHY specifications, each suited to a particular operational environment. The standard enables rapid worldwide deployment of innovative, cost-effective, and interoperable multivendor broadband wireless access products, facilitates competition in broadband access by providing alternatives to wireline broadband access, encourages consistent worldwide spectrum allocation, and accelerates the commercialization of broadband wireless access systems."

GroupResolution

Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0203-02-Gdoc

Comment by:

Yan-Xiu Zheng

Membership Status:

Date: 2012/03/15

Comment # 2007

Document under Review: IEEE P802.16Rev3/D4

Ballot ID: sb00R3

Comment

Type Editorial

Part of Dis

☐

Satisfied

☐

Page iv

Line 1

Fig/Table#

Subclause

The Introduction is obsolete and incorrect.

Suggested Remedy

Replace the Introduction with the Scope and Purpose statements of the PAR, plus additional information, as follows:

"This standard specifies the air interface, including the medium access control layer (MAC) and physical layer (PHY), of combined fixed and mobile point-to-multipoint broadband wireless access (BWA) systems providing multiple services. The MAC is structured to support the WirelessMAN-SC, WirelessMAN-OFDM, and WirelessMAN-OFDMA PHY specifications, each suited to a particular operational environment. The standard enables rapid worldwide deployment of innovative, cost-effective, and interoperable multivendor broadband wireless access products, facilitates competition in broadband access by providing alternatives to wireline broadband access, encourages consistent worldwide spectrum allocation, and accelerates the commercialization of broadband wireless access systems."

GroupResolution

Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions