

Comment by:

Turner, Michelle

Membership Status:Date: 24-Oct-2012Comment # r01-1Document under Review: IEEE P802.16n/D6Ballot ID: 802.16n-r1

<u>Comment</u>	<u>Type</u> Editorial	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> 64	<u>Line</u> 28	<u>Fig/Table#</u>	<u>Subclause</u> 11
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Table 11-21 : NOTE 2 has the word shall in it. NOTES are informative, therefore they cannot have mandatory requirements. During publication preparation the sentence can be edited as followed:

Suggested Remedy

.....the threshold value ranges from.....

or ...the threshold value should range from

Please confirm if the above options are acceptable.

GroupResolutionDecision of Group: Accepted-Modified

The Task Group notes that the text that is the subject of this comment is in the baseline 802.16-2012. However, the comment can be accepted as follows:

Change "NOTE 2—When type 0x1 is used together with function 0x3 or 0x4, the threshold value shall range from –32 dB (0x80) to +31.75 dB (0x7F). When type 0x1 is used together with function 0x1, 0x2, 0x5 or 0x6, the threshold value shall be interpreted as an unsigned byte with units of 0.25 dB, such that 0x00 is interpreted as –103.75 dBm and 0xFF is interpreted as – 40 dBm"

to

"NOTE 2—When type 0x1 is used together with function 0x3 or 0x4, the threshold value **ranges** from –32 dB (0x80) to +31.75 dB (0x7F). When type 0x1 is used together with function 0x1, 0x2, 0x5 or 0x6, the threshold value **is** interpreted as an unsigned byte with units of 0.25 dB, such that 0x00 is interpreted as –103.75 dBm and 0xFF is interpreted as – 40 dBm"

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

**2012/12/12**

**IEEE 802.16-12-0645-03**

Comment by:

Turner, Michelle

Membership Status:

Date: 24-Oct-2012

Comment # **r01-2**

Document under Review: **IEEE P802.16n/D6**

Ballot ID: **802.16n-r1**

Comment

Type Editorial

Part of Dis  Satisfied

Page 64

Line 30

Fig/Table#

Subclause 11

Table 11-21 : NOTE 2 has the word shall in it. NOTES are informative, therefore they cannot have mandatory requirements. During publication preparation the sentence can be edited as followed:

Suggested Remedy

.....0x6, the threshold value is interpreted as.....

Please confirm if the above option is acceptable.

GroupResolution

Decision of Group: **Superceded**

Addressed by resolution to comment r01-1

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Zhou, Mingtuo

Membership Status:

Date: 1-Nov-2012

Comment # r01-3

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment

Type Editorial

Part of Dis

Satisfied

Page iii

Line

Fig/Table#

Subclause

Text in the box is not a part of introduction. Introduction text should be below the box.

The current introduction doesn't comply with IEEE instructions.

Suggested Remedy

1. replace text in box by "This introduction is not part of IEEE P802.16n-201X, Air Interface for Broadband Wireless Access Systems Draft Amendment: Higher Reliability Networks"
2. prepare an introduction of IEEE P802.16n-201x, which follows instruction of "An introduction shall be supplied by the working group, giving the history of the standard, a description of its purpose, and, if the standard is a revision, an explanation of the principal changes from the previous edition. The introduction should also explain the document structure for multipart standards, or for documents within a family of standards (see 9.4 of the 2009 IEEE Style Manual for more details). "
3. remove the instruction text on the same page

GroupResolution

Decision of Group: Accepted-Modified

Accept IEEE 802.16-12-0675-01-000n-proposed-introductory-text-for-16n.doc

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

Comment by:

Liru, Lu

Membership Status:Date: 4-Nov-2012Comment # r01-4Document under Review: IEEE P802.16n/D6Ballot ID: 802.16n-r1Comment      Type Technical      Part of Dis       Satisfied       Page 54      Line 57      Fig/Table#      Subclause 8.4.6

802.16-2009 says that "for channel bandwidths that are a multiple of any of 1.25, 1.5, 2, or 2.75 MHz, then  $n = 28/25$ ";. Therefore for VHF mode with 5 MHz channel BW, the sampling factor should be "28/25".

Suggested Remedy

Change the sampling factor from "8/7" to "28/25"

GroupResolutionDecision of Group: Accepted-Modified

- Replace "In VHF mode, sampling factor  $n$  is 8/7 for the channel bandwidth of 5 MHz and also subcarrier allocation scheme of PUSC (defined in 8.4.6.1.2.1 and 8.4.6.2.5) is used for both UL and DL."

with

"In VHF mode, sampling factor  $n$  is 28/25 for the channel bandwidth of 5 MHz and subcarrier allocation scheme of PUSC (defined in 8.4.6.1.2.1 and 8.4.6.2.5) may be used for both UL and DL." in line 57, page 54.

- Remove underline in line#18, page 55 to line 53, page 56.

Reason for Group's Decision/ResolutionGroup's NotesEditor's NotesEditor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-01

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial

Part of Dis  Satisfied

Page 6

Line 8

Fig/Table#

Subclause 6.3.2.3.6

Wording is unclear

Suggested Remedy

The following parameters shall be included only if these conditions are true:

- \* Bit 6 of the ranging purpose indication is set to 1
- \* The Extended Ranging Purpose Indication for HR-Network is 0x00
- \* Bit 0 of the Action Code for HR Multicast in the RNG-REQ message is set to 1.

GroupResolution

Decision of Group: Accepted

Accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-02

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment Type Editorial

Part of Dis  Satisfied

Page 8

Line 1

Fig/Table#

Subclause 6.3.2.3.10

Missing article

Suggested Remedy

Change "Indicates multicast group for the connection" to "Indicates the multicast group for the connection"

GroupResolution

Decision of Group: Accepted

Accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-03

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial

Part of Dis  Satisfied

Page 8

Line 7

Fig/Table#

Subclause 6.3.2.3.10

Missing article

Suggested Remedy

Change "Indicates multicast indication cycle" to "Indicates the multicast indication cycle"

Same issue also in 6.3.2.3.11 and 6.3.2.3.13

GroupResolution

Decision of Group: Accepted

Change "Indicates multicast indication cycle" to "Indicates the multicast indication cycle" in

- 1) line #7, page 8
- 2) line #32, page 8
- 3) line #58, page 8

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-04

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment

Type Editorial

Part of Dis

Satisfied

Page 8

Line 40

Fig/Table#

Subclause .3.2.3.13

Missing articles

Suggested Remedy

Change "In HR-Network, BS may include the following parameters" to "In an HR-Network, the BS may include the following parameters"

GroupResolution

Decision of Group: Accepted

Accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions



Comment by:

Anseok Lee

Membership Status: MemberDate: 2012/11/07Comment # w01-05Document under Review: IEEE P802.16n/D6Ballot ID: 802.16n-r1

<u>Comment</u>	<u>Type</u>	<u>Part of Dis</u>	<input type="checkbox"/>	<u>Satisfied</u>	<input type="checkbox"/>	<u>Page</u>	<u>Line</u>	<u>Fig/Table#</u>	<u>Subclause</u>
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The trigger definition for alternative path activation is delivered to an HR-MS by AAI-HO-CMD message. However, the AAI-HO-CMD message does not have fields containing such information.

Moreover, an action for alternative path activation needs to be defined in trigger condition to assign the operation when the condition is met.

In this contribution, we provide some clarifications on the alternative path for HR-infrastructure stations in 16.1a Network as follows:

- Define action for alternative path activation
- Clarify the trigger definition to be consistent with the alternative path activation function

**Suggested Remedy**

Please review and accept the contribution 16-12-0641-00-000n or its latest revision.

**GroupResolution****Decision of Group: Accepted**

Accept 16-12-0641-00-000n

**Reason for Group's Decision/Resolution****Group's Notes****Editor's Notes****Editor's Actions**

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-06

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial

Part of Dis  Satisfied

Page 13

Line 41

Fig/Table#

Subclause 6.3.2.3.99.1

"8-bit LSB" is redundant.

Same issue on line 49

Suggested Remedy

It should be "8 LSBs", or spelled out "8 least significant bits"

GroupResolution

Decision of Group: Accepted-Modified

Change "in unit of 8-bit LSBs of frame number"

to

"as represented by the 8 least significant bits of the frame number"

Corresponding changes need to be made to related text:

- 1) line #41, page 13
- 2) line #49, page 13.
- 3) line #35, page 73
- 4) line #23, page 73

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-07

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment Type Editorial

Part of Dis  Satisfied

Page 14

Line 46

Fig/Table# Tabl

Subclause 6.3.2.3.99.1

sentence structure

Suggested Remedy

change

"But, must be equal to the PHY operational parameters of the superordinate HR-BS."  
to

"But they must be equal to the PHY operational parameters of the superordinate HR-BS."

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-08

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment Type Editorial

Part of Dis  Satisfied

Page 18

Line 17

Fig/Table#

Subclause .6.3.2.3.99.5

Wording unclear

Suggested Remedy

Change "This following parameters shall be included in the MM-RS-REQ message sent by an HR-MS to act as HR-RS when the HR-MS acting as HR-RS supports the capability to support the centralized scheduling mode of operation:" to "The following parameters shall be included in the MM-RS-REQ message sent by an HR-MS acting as an HR-RS when the HR-MS acting as an HR-RS supports the centralized scheduling mode of operation:"

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-09

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment Type Editorial

Part of Dis  Satisfied

Page 18

Line 35

Fig/Table#

Subclause .6.3.2.3.99.5

Wording unclear.

Suggested Remedy

Change "This following parameters shall be included in the MM-RS-REQ message sent by an HR-MS to act as HR-RS when the HR-MS acting as HR-RS supports the capability to support the STR relay mode of operation:" to "The following parameters shall be included in the MM-RS-REQ message sent by an HR-MS acting as an HR-RS when the HR-MS acting as an HR-RS supports the STR relay mode of operation:"

Similar change to "This following parameters..." on page 19, lines 17, 25, 42, and 54.

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-10

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Technical      Part of Dis       Satisfied       Page 20      Line 13      Fig/Table#      Subclause 6.3.2.3.99.7

Management message type shall be described.

Suggested Remedy

Replace "Management Message Type =" with "Management Message Type =116" in line#13, page 20.

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-11

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Technical      Part of Dis       Satisfied       Page 20      Line 13      Fig/Table#      Subclause 6.3.2.3.99.7

Management message name shall be re-written.

Suggested Remedy

Replace "TLV encodings for MM-RL-" with "TLV encodings for MM-RL-REQ" in line#28, page 20.

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-12

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Technical      Part of Dis       Satisfied       Page 20      Line 65      Fig/Table#      Subclause 6.3.2.3.99.8

Management message type shall be described.

Suggested Remedy

Replace "Management Message Type =" with "Management Message Type =117" in line#65, page 20.

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions



2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-13

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Technical      Part of Dis  Satisfied       Page 21      Line 26      Fig/Table#      Subclause 6.3.2.3.99.8

In table format, TLV encoding information shall be included.

Suggested Remedy

[Insert following row between last and 2nd row in Table 6-227h:]

-----  
| TLV encoded information | variable      | TLV-specific      |  
-----

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-14

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial

Part of Dis  Satisfied

Page 25

Line 3

Fig/Table#

Subclause 6.3.2.3.99.15

wrong tense

Suggested Remedy

Change "An HR-MS send a DL-LR-RSP message" to "An HR-MS sends a DL-LR-RSP message"

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by: Anseok Lee

Membership Status: Member

Date: 2012/11/07

Comment # w01-15

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Technical      Part of Dis  Satisfied       Page 30      Line 50      Fig/Table#      Subclause 6.3.2.3.99.21

In the multicast or broadcast based periodic ranging function, the reliable deliveries of ranging command message to HR-MSs are not guaranteed because of the absence of error handling mechanism. This unreliable delivery may incur the recursive failures of ranging operation.

Moreover, the current periodic ranging function only mandates the reversed action (HR-MSs changing its role as transmitter/receiver of ranging code) which designed only for BS-controlled direct communication and FTN (Forwarding To Network). The periodic ranging function should be designed also for direct link maintenance (including the alternative path to an HR-MS).

And the current draft does not support termination of the periodic ranging operation. To stop the link maintenance, termination of periodic ranging shall be needed.

In this contribution, we provide some clarifications on the ranging between HR-MSs (direct ranging) for HR-MS Neighbor Discovery in 16n Network as follows:

- Support of non-reversed action of periodic ranging operation
- Support of periodic ranging termination
- Removal of multicast or broadcast based periodic ranging

Suggested Remedy

Please review and accept the contribution 16-12-0640-00-000n or its latest revision.

GroupResolution

Decision of Group: Accepted-Modified

Accept 16-12-0640-05-000n

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-16

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Technical      Part of Dis       Satisfied       Page 44      Line 21      Fig/Table#      Subclause 6.3.2.3.99.29

Size of reserved shall be "7" to align the octet boundary.

Suggested Remedy

Replace "variable" with "7" in line#21, 2nd column on Table 6-227ag.

GroupResolution

Decision of Group: Accepted

Accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-17

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial      Part of Dis  Satisfied       Page 47      Line 9      Fig/Table#      Subclause 8.4.5.2

Table 8-113 exists in current baseline documnet. Thus, table title shall not be underlined.

Suggested Remedy

Remove underline text in line#9, page 47.

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-18

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Technical      Part of Dis       Satisfied       Page 50      Line 64      Fig/Table#      Subclause 8.4.5.3.21

Cross reference shall be re-defined.

Suggested Remedy

Replace "787" with "Table 16-7" in the last row and 3rd column in Table 8-143

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-19

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial      Part of Dis  Satisfied       Page 50      Line 64      Fig/Table#      Subclause 8.4.5.3.21

Added text by GRIDMAN TG shall be underlined.

Suggested Remedy

Underline the last row in page 50 and the first row in page 51, Table 8-143

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-20

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial      Part of Dis  Satisfied       Page 51      Line 44      Fig/Table#      Subclause 8.4.5.3.29

Table 8-159 exists in current baseline documnet. Thus, table title shall not be underlined.

Suggested Remedy

Remove underline text in line#44, page 51.

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions



2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-21

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial      Part of Dis  Satisfied       Page 52      Line 1      Fig/Table#      Subclause 8.4.5.3.29

Table 8-159 exists in current baseline documnet. Thus, table title shall not be underlined.

Suggested Remedy

Remove underline text in line#1, page 52.

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-22

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial      Part of Dis  Satisfied       Page 53      Line 1      Fig/Table#      Subclause 8.4.5.3.29

Table 8-159 exists in current baseline documnet. Thus, table title shall not be underlined.

Suggested Remedy

Remove underline text in line#1, page 53.

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-23

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Technical      Part of Dis       Satisfied       Page 53      Line 64      Fig/Table#      Subclause 8.4.5.3.29

Cross reference shall be re-defined.

Suggested Remedy

Replace "787" with "Table 16-7" in the last row and 3rd column in Table 8-159

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-24

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial      Part of Dis  Satisfied       Page 53      Line 64      Fig/Table#      Subclause 8.4.5.3.29

Added text by GRIDMAN TG shall be underlined.

Suggested Remedy

Underline the last row in page 53 and the first row in page 54, Table 8-159

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-25

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial      Part of Dis  Satisfied       Page 54      Line 1      Fig/Table#      Subclause 8.4.5.3.29

Table 8-159 exists in current baseline documnet. Thus, table title shall not be underlined.

Suggested Remedy

Remove underline text in line#1, page 54.

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-26

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial      Part of Dis  Satisfied       Page 54      Line 28      Fig/Table#      Subclause 8.4.5.4.4.1

Table 8-177 exists in current baseline documnet. Thus, table title shall not be underlined.

Suggested Remedy

Remove underline text in line#28, page 54.

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-27

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial      Part of Dis  Satisfied       Page 54      Line 47      Fig/Table#      Subclause 8.4.5.4.4.1

New text added by GRIDMAN TG shall be underlined.

Suggested Remedy

Underline text in line#47-48, page 54 (i.e., last two rows in Table 8-177).

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-28

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial      Part of Dis  Satisfied       Page 82      Line 51      Fig/Table#      Subclause 16.1.2.1

wrong word

Suggested Remedy

Change "To request a subordinate HR-MS to change its role as HR-RS," to "To request a subordinate HR-MS to change its role to HR-RS,"

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions



2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-29

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial      Part of Dis  Satisfied       Page 83      Line 59      Fig/Table#      Subclause 16.1.2.4

wrong tense

Suggested Remedy

Change "After mode release process, all the relay-related connections and resource are released" to "After mode release process, all the relay-related connections and resources are released"

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-30

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment Type Editorial

Part of Dis  Satisfied

Page 84

Line 42

Fig/Table#

Subclause 16.1.3.1

sentence structure

Suggested Remedy

Change "If the action time for mode change are included in the MM-BS-CMD message, the target HR-MS starts the HR-BS mode operation upon expiring the action time."

to

"If the action time for mode change is included in the MM-BS-CMD message, the target HR-MS starts the HR-BS mode operation at the expiration of the action time."

GroupResolution

Decision of Group: Accepted

accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-31

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment Type Editorial

Part of Dis  Satisfied

Page 85

Line 4

Fig/Table#

Subclause 16.1.3.2.1

sentence structure

Suggested Remedy

Change "When multiple HR-MSs try to change their mode to HR-BS in the same coverage area, the interference to each other may occur."

to

"When multiple HR-MSs try to change their mode to HR-BS in the same coverage area, **the** interference to each other may occur.."

GroupResolution

Decision of Group: Accepted-Modified

Change "When multiple HR-MSs try to change their mode to HR-BS in the same coverage area, the interference to each other may occur."

to

"When multiple HR-MSs try to change their mode to HR-BS in the same coverage area, interference to each other may occur.."

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-32

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment Type Editorial

Part of Dis  Satisfied

Page 85

Line 8

Fig/Table#

Subclause 16.1.3.2.1

sentence structure

Suggested Remedy

Change "To resolve a collision occurred in preamble transmissions"

to

"To resolve a collision that occurred during preamble transmissions."

GroupResolution

Decision of Group: Accepted-Modified

Change "To resolve a collision occurred in preamble transmissions"

to

"To resolve a collision that may occur during preamble transmissions"

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-33

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial      Part of Dis  Satisfied       Page 86      Line 59      Fig/Table#      Subclause 16.2.2.1.2

"setup" incorrect usage - verb form "set up" is needed here.

Suggested Remedy

Change "To support direct communication between a pair of HR-MSs, a direct communication link shall be setup"

to

"To support direct communication between a pair of HR-MSs, a direct communication link shall be set up"

Same error on page 88, line 13, 17, 21, 29, 30, 35, 37, 44, and figure 16-2

Same error on page 89, line 32, 33, 38, 39,

Same error on page 90, line 47 and 50

GroupResolution

Decision of Group: Accepted

Accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-34

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment Type Editorial

Part of Dis  Satisfied

Page 87

Line 30

Fig/Table#

Subclause 16.2.2.1.2

plural error

Suggested Remedy

Change "The HR-MSs shall sends back DC-LC-ACK for confirmation."

to

"The HR-MSs shall send back DC-LC-ACK for confirmation."

GroupResolution

Decision of Group: Accepted

Accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-35

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment Type Editorial

Part of Dis  Satisfied

Page 89

Line 45

Fig/Table#

Subclause 16.2.2.1.2.2.1

plural error

Suggested Remedy

Change "shall contain a TLV that indicates of direct communication link setting up."

to

"shall contain a TLV that indicates a direct communication link is setting up."

GroupResolution

Decision of Group: Accepted

Accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-36

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment Type Editorial

Part of Dis  Satisfied

Page 90

Line 38

Fig/Table#

Subclause 16.2.2.1.2.2.2

sentance structure

Suggested Remedy

Change "then the modification can be applied."

to

"can the modification be applied.."

Same change at the end of line 41.

GroupResolution

Decision of Group: Accepted-Modified

**Replace** "If the modification is initiated by one HR-MS, then if and only if the HR-BS and the other HR-MS agree with the modification, then the modification can be applied. If the modification is initiated by the HR-BS, then if and only if both HR-MSs agree with the change then the modification can be applied."  
with

"If the modification is initiated by one HR-MS then if and only if the HR-BS and the other HR-MS agree with the modification, the modification is applied. If the modification is initiated by the HR-BS then if and only if both HR-MSs agree with the change, the modification is applied."

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions



2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-37

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment Type Editorial

Part of Dis  Satisfied

Page 92

Line 4

Fig/Table#

Subclause 16.2.2.1.2.2.4

word form

Suggested Remedy

Change "With direct communication, the data flow is uni-direction, from source to destination"

to

"With direct communication, the data flow is uni-directional, from source to destination"

GroupResolution

Decision of Group: Accepted

Accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-38

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial

Part of Dis  Satisfied

Page 92

Line 9

Fig/Table#

Subclause 16.2.2.1.2.2.4

spelling

Suggested Remedy

Change "receving"

to

"receiving "

GroupResolution

Decision of Group: Accepted

Accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-39

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment Type Editorial

Part of Dis  Satisfied

Page 92

Line 11

Fig/Table#

Subclause 16.2.2.1.2.2.4

sentence structure

Suggested Remedy

Change "The HR-BS shall and finish the DSC transaction with destination HR-MS first."

to

"The HR-BS shall and finish the DSC transaction with the destination HR-MS first."

GroupResolution

Decision of Group: Accepted-Modified

Change "The HR-BS shall and finish the DSC transaction with destination HR-MS first."

to

"The HR-BS shall finish the DSC transaction with the destination HR-MS first."

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

Comment by:

Tim Godfrey

Membership Status: MemberDate: ?Comment # w01-40Document under Review: IEEE P802.16n/D6Ballot ID: 802.16n-r1Comment Type EditorialPart of Dis  Satisfied Page 92Line 11Fig/Table#Subclause 16.2.2.1.2.2.4

sentence structure

Suggested Remedy

Change "Once the DSC transaction with destination HR-MS is finished, then the HR-MS sends a DSC-RSP to the source HR-MS and wait for the ACK."

to

"Once the DSC transaction with the destination HR-MS is finished, then the HR-MS sends a DSC-RSP to the source HR-MS and waits for the ACK."

GroupResolutionDecision of Group: Accepted-Modified

Change "Once the DSC transaction with destination HR-MS is finished, then the HR-MS sends a DSC-RSP to the source HR-MS and wait for the ACK."

to

"Once the DSC transaction with the destination HR-MS is finished, the HR-MS sends a DSC-RSP to the source HR-MS and waits for the ACK."

Reason for Group's Decision/ResolutionGroup's NotesEditor's NotesEditor's Actions

Comment by:

Tim Godfrey

Membership Status: MemberDate: ?Comment # w01-41Document under Review: IEEE P802.16n/D6Ballot ID: 802.16n-r1Comment Type EditorialPart of Dis  Satisfied Page 92Line 60Fig/Table#Subclause 16.2.2.1.2.2.4

sentence structure

Suggested Remedy

Change "HR-BS can do modify the flow parameters with DSC transaction. HR-BS performs the DSC transaction with source and destination HR-MSs separately but within certain order.

In case bandwidth allocated to the direct communication link will be increased, the HR-BS should finish the transaction with destination HR-MS first and followed by the DSC transaction with source HR-MS.

In case bandwidth allocated to the direct communication link will be reduced, the HR-BS should finish the transaction with source HR-MS first and followed by the DSC transaction with destination HR-MS."

to

"The HR-BS can ~~do~~ modify the flow parameters with a DSC transaction. The HR-BS performs ~~the~~ DSC transactions with source and destination HR-MSs separately but in a certain order.

In the case where the bandwidth allocated to the direct communication link will be increased, the HR-BS should finish the transaction with destination HR-MS first, and then perform the DSC transaction with the source HR-MS.

In the case where the bandwidth allocated to the direct communication link will be reduced, the HR-BS should finish the transaction with source HR-MS first, and then perform the DSC transaction with the destination HR-MS."

GroupResolutionDecision of Group: Accepted-Modified

Replace "HR-BS can do modify the flow parameters with DSC transaction. HR-BS performs the DSC transaction with source and destination HR-MSs separately but within certain order.

In case bandwidth allocated to the direct communication link will be increased, the HR-BS should finish the transaction with destination HR-MS first and followed by the DSC transaction with source HR-MS.

In case bandwidth allocated to the direct communication link will be reduced, the HR-BS should finish the transaction with source HR-MS first and followed by the DSC transaction with destination HR-MS."

with

"The HR-BS may modify the flow parameters with a DSC transaction. The HR-BS performs DSC transactions with source and destination HR-MSs separately.

In the case where the bandwidth allocated to the direct communication link is increased, the HR-BS should finish the transaction with

destination HR-MS first, and then perform the DSC transaction with the source HR-MS.  
In the case where the bandwidth allocated to the direct communication link is decreased, the HR-BS should finish the transaction with the source HR-MS first, and then perform the DSC transaction with the destination HR-MS."

**Reason for Group's Decision/Resolution**

**Group's Notes**

**Editor's Notes**

**Editor's Actions**

Comment by:

Tim Godfrey

Membership Status: MemberDate: ?Comment # w01-42Document under Review: IEEE P802.16n/D6Ballot ID: 802.16n-r1Comment Type EditorialPart of Dis  Satisfied Page 93Line 15Fig/Table#Subclause 16.2.2.1.2.2.5

sentence structure

Suggested Remedy

Change "A BS wishing to delete a dynamic service flow over HR-MS direct communication link generates two delete requests to the associated HR-MSs respectively using DSD-REQs. The HR-MSs removes the service flows and generate responses using DSD-RSPs."

to

"A BS wishing to delete a dynamic service flow over an HR-MS direct communication link generates two delete requests to the associated HR-MSs respectively, using DSD-REQs. Each HR-MS removes the service flow and generates responses using DSD-RSPs."

GroupResolutionDecision of Group: Accepted-Modified

Replace "A BS wishing to delete a dynamic service flow over HR-MS direct communication link generates two delete requests to the associated HR-MSs respectively using DSD-REQs. The HR-MSs removes the service flows and generate responses using DSD-RSPs."

with

"To delete a dynamic service flow over an HR-MS direct communication link, an HR-BS sends DSD-REQs to the associated HR-MSs individually. In response to DSD-REQ, each HR-MS removes the service flow and responses using DSD-RSPs."

Reason for Group's Decision/ResolutionGroup's NotesEditor's NotesEditor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-43

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment Type Editorial

Part of Dis  Satisfied

Page 95

Line 6

Fig/Table#

Subclause 16.2.2.2.1.1

missing spaces

Suggested Remedy

Change "Offset\_Cfor"

to

"Offset\_C for"

Change "termsincluded" to "terms included"

GroupResolution

Decision of Group: Accepted

Accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions



2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-44

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment Type Editorial

Part of Dis  Satisfied

Page 95

Line 58

Fig/Table#

Subclause 16.3.1

plural agreement

Suggested Remedy

in sentence "The user data and control signaling do not go through higher layer at the forwarding HR-MS." change "layer" to "layers", or if only one layer is considered, then change to "a higher layer"

GroupResolution

Decision of Group: Accepted-Modified

Change "The user data and control signaling do not go through higher layer at the forwarding HR-MS."  
to

"The user data and control signaling do not go through any higher layer at the forwarding HR-MS."

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-45

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment Type Editorial

Part of Dis  Satisfied

Page 101 Line 21

Fig/Table#

Subclause 16.3.2.1.5

spurious text

Suggested Remedy

Remove ".519" from sentence "Transitions to/from different (FTN) operating modes.519 illustrates possible changes in HR-MS operation"

also on page 102, line 41, remove spurious ".520"

GroupResolution

Decision of Group: Accepted-Modified

Change:

"Transitions to/from different (FTN) operating modes.519 illustrates possible changes..." to  
"Figure 16-4 illustrates possible changes..."

Similarly, change:

"To support a forwarded HR-MS that is outside-of-coverage of the serving HR-BS/RS, the TDD frame structure in Frame structure for HR-MS transmitting preamble and NCI for FTN discovery.520 shall be applied."

to

"To support a forwarded HR-MS that is outside-of-coverage of the serving HR-BS/RS, the TDD frame structure in Figure 16.5 shall be applied."

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-46

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment Type Editorial

Part of Dis  Satisfied

Page 105

Line 32

Fig/Table#

Subclause 16.3.3

Blank sections

Suggested Remedy

If section 16.3.3 has no text, delete it, and re-number subsequent sections

GroupResolution

Decision of Group: Accepted

Accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-47

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Technical      Part of Dis       Satisfied       Page 115      Line 1      Fig/Table# 16-7      Subclause 16.8.1.1

According to the IEEE 802.16n, procedure of multicast communication is provided with Figure 16-7. However, it does not include proper arrow. Thus, Figre 16-7 shall be re-drawn properly.

Suggested Remedy

Adopt the text proposal in IEEE 802.16-12-0635-00-000n or its lastest revision.

GroupResolution

Decision of Group: Accepted

Accept IEEE 802.16-12-0635-00-000n

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0645-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-48

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Technical      Part of Dis  Satisfied       Page 117      Line 64      Fig/Table#      Subclause 16.8.2.1

Cross reference shall be re-defined.

Suggested Remedy

Replace "787" with "Table 16-7" in the last row and 3rd column in Table 16-6

GroupResolution

Decision of Group: Accepted

Accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

Comment by: Anseok Lee

Membership Status: Member

Date: 2012/11/07

Comment # w01-49

Document under Review: IEEE P802.16n/D6

Ballot ID: 802.16n-r1

Comment      Type Editorial      Part of Dis  Satisfied       Page 999      Line      Fig/Table#      Subclause

Type number is incorrect.

Suggested Remedy

```

+++++
| Type (1 byte)      | Length | Value (variable length) | Scope |
+++++
| [145/146].66 67   | 1      | Bit 0: FBIS Connection indication | DSx-REQ, |
|                   |        | Bits 1-7: Reserved              | DSx-RSP |
+++++

```

GroupResolution                      Decision of Group: Accepted-Modified

- Replace "[145/146].64" with "[145/146].63" in line#10, page 71
- Replace "[145/146].65" with "[145/146].64" in line#25, page 71
- Replace "[145/146].66" with "[145/146].65" in line#37, page 71

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

Comment by: Zheng Yan-XiuMembership Status:Date: 2013/11/12Comment # w01-50Document under Review: IEEE P802.16n/D6Ballot ID: 802.16n-r1

<u>Comment</u>	<u>Type</u>	<u>Part of Dis</u>	<u>Satisfied</u>	<u>Page</u>	<u>Line</u>	<u>Fig/Table#</u>	<u>Subclause</u>
Various editorial issues throughout the document	Editorial	<input type="checkbox"/>	<input type="checkbox"/>	999			

Suggested Remedy

Accept the remedies in document IEEE 802.16-12-0668-00-000n-additional-editorial-comments-on-802-16n-d6.xlsx

GroupResolutionDecision of Group: Accepted-Modified

[Remedy1: Insert following text in line 6, page 46:]

Change "HARQ subburst(MS0)" to "HARQ sub-burst(MS0)" in Figure 6-177 in 6.3.1.5.4.3.

Change "unavailability interval in DL" to "unavailability interval in the DL" in section 6.3.19

Change "availability interval in UL" to "availability interval in the UL" in section 6.3.19

[Remedy2: Insert following text in line 39, page 67:]

Change the first paragraph in section 11.8.3.5.22 OFDMA RS MIMO relay uplink support as indicated:

This field indicates the different MIMO options supported by an RS in the relay uplink when the RS has three or four transmit antennas.

A bit value of 0 indicates "not supported," while 1 indicates "supported." The TLV field defined in ~~41.8.3.6.5~~11.8.3.5.5 shall be used

when RS has one or two transmit antennas. In the following TLV field, all the STFC matrices are reused from downlink. The detailed

matrix formats are shown in 8.4.8.3.3, 8.4.8.3.4, and 8.4.8.3.5.

[Remedy3: Insert following text in line 21, page 80:]

Delete all "Table XXX", ", Table XXX", "Table XXX,", "Table XXX and YYY", "Table XXX in", "Table XXX-YYY", "define by Table XXX", "(see Table XXX)", "and Table XXX", "Table XXX, Table YYY", "in Table XXX", and "that is defined in Table 124b" in section 13.2 and its all subclauses. [NOTE: XXX and YYY are any 2-digit or 3-digit number]

Reason for Group's Decision/ResolutionGroup's NotesEditor's NotesEditor's Actions