

2012/12/12

IEEE 802.16-12-0646-03

Comment by:

Turner, Michelle

Membership Status:

Date: 24-Oct-2012

Comment # r01-1

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial Part of Dis Satisfied Page 0 Line 0 Fig/Table# Subclause 0

This draft meets all editorial requirements.

Suggested Remedy

GroupResolution

Decision of Group: No Change Required

Accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0646-03

Comment by:

Zhou, Mingtuo

Membership Status:

Date: 2-Nov-2012 0:
2:10:52

Comment # r01-2

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

<u>Comment</u>	<u>Type</u> General	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> iii	<u>Line</u>	<u>Fig/Table#</u>	<u>Subclause</u>
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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 P802.16.1a-201X, WirelessMAN-Advanced Air Interface for Broadband Access Systems - Draft Amendment: Higher Reliability Networks"
2. prepare an introduction of IEEE P802.16.1a-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 802.16-12-0676-01-010a-proposed-introductory-text-for-802-16-1a.docx

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0646-03

Comment by:

Teo, Joseph

Membership Status:

Date: 6-Nov-2012

Comment # r01-3

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Technical Part of Dis Satisfied Page 132 Line 1 Fig/Table# Subclause 6.2.3.47.2

Table 607 is undefined.

Suggested Remedy

Fix Table 607 and related contents.

GroupResolution

Decision of Group: Accepted-Modified

Accept 16-12-0664-06-010a

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-01

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial

Part of Dis Satisfied

Page 5

Line 60

Fig/Table#

Subclause 6.2.2.1.3.10

sentence structure

Suggested Remedy

change

"STID of FBIS HR-MS which request UL bandwidth"

to

"STID of FBIS HR-MS which is requesting UL bandwidth"

GroupResolution

Decision of Group: Accepted-Modified

change

"STID of FBIS HR-MS which request UL bandwidth"

to

"STID of the FBIS HR-MS which is requesting UL bandwidth"

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-02

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial Part of Dis Satisfied Page 7 Line 13 Fig/Table# 6-28 Subclause 6.2.3

Difficult to read and follow meaning of "Before AK is derived at network entry: NULL at network entry and EAP-transfer message is enclosed: encryption/ICV after AK is derived after AK is derived at network entry and the other message is enclosed: CMAC"

Suggested Remedy

Break into several sentences or bulleted list.

GroupResolution

Decision of Group: Withdrawn

Withdrawn because text is in base standard

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-03

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Technical Part of Dis Satisfied Page 10 Line 17 Fig/Table# Subclause 6.2.3

Message is missed in Table 6-28.

Suggested Remedy

[Add following row and renumber (plus 1) the following number(from 114) in Table 6-28:]

114	BS-controlled	AAI-FN-CONFIG-	Fowarding Configure		Unicast or
	HR-MS forwarding	CMD	Command		Multicast
	to network				

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 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-04

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial

Part of Dis Satisfied

Page 15

Line 61

Fig/Table# Tabl

Subclause 6.2.3.1

spurious character

Suggested Remedy

remove "ö" from "The Operator ID of the CSG ö Femtocell."

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 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-05

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial Part of Dis Satisfied Page 15 Line 61 Fig/Table# Tabl Subclause 6.2.3.2

Phrase "Present if it needs to be updated." is not clear

Suggested Remedy

Improve wording - 'if it needs to be' is not clear. Suggest "Shall be present when an update is required"

GroupResolution

Decision of Group: Withdrawn

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

Comment by:

Tim Godfrey

Membership Status: MemberDate: ?Comment # w01-06Document under Review: IEEE P802.16.1a/D6Ballot ID: 802.16.1a-r1Comment Type EditorialPart of Dis Satisfied Page 25Line 54Fig/Table# TablSubclause 6.2.3.5

"Yoda" syntax:

If bit0 = 1, the capability of TTR relay mode supports.

If bit1 = 1, the capability of STR relay mode supports.

If bit2 = 1, the capability of base station function supports

If Bit 0 = 1, FBIS capability supports

Suggested Remedy

Improve phrasing - consider the form "TTR Relay mode is supported if bit0=1",

There are other uses of this syntax in the table that should also be re-worded.

GroupResolutionDecision of Group: Accepted-Modified

Change

"If bit0 = 1, the capability of TTR relay mode supports.

If bit1 = 1, the capability of STR relay mode supports.

If bit2 = 1, the capability of base station function supports"

to

"If bit0 = 1, TTR relay mode is supported.

If bit1 = 1, STR relay mode is supported.

If bit2 = 1, The base station function is supported"

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

2012/12/12

IEEE 802.16-12-0646-03

Comment by: Anseok Lee

Membership Status: Member

Date: 2012/11/07

Comment # w01-07

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Technical Part of Dis Satisfied Page 28 Line 37 Fig/Table# Subclause 6.2.3.12

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 16-12-0643-00-010a or its latest revision.

GroupResolution

Decision of Group: Accepted-Modified

Accept 16-12-0643-02-010a

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

Comment by:

Tim Godfrey

Membership Status: MemberDate: ?Comment # w01-08Document under Review: IEEE P802.16.1a/D6Ballot ID: 802.16.1a-r1Comment Type EditorialPart of Dis Satisfied Page 28Line 55Fig/Table# TablSubclause 6.2.3.12

sentence structure

Suggested Remedy

change

"However, if the requested ABSs in list available but MAC information is not shared, those ABSs may be included candidate T-ABS and serving ABS transfers MS information via backbone network or relay link in HR-Network
0b11:"

to

"However, if the requested ABSs in the list are available but MAC information is not shared, those ABSs may be included in candidate T-ABS and serving ABS transfers of MS information via backbone network or relay link in an HR-Network"

GroupResolutionDecision of Group: Accepted-Modified

Replace

"However, if the requested ABSs in list available but MAC information is not shared, those ABSs may be included candidate T-ABS and serving ABS transfers MS information via backbone network or relay link in HR-Network
0b11:"

with

"However, if the requested ABSs in the list are available but MAC information is not shared, those ABSs may be included in candidate T-ABS and serving ABS transfers of MS information via backhaul link or relay link in an HR-Network"

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

2012/12/12

IEEE 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-09

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial

Part of Dis Satisfied

Page 33

Line 29

Fig/Table#

Subclause 6.2.3.31

sentence structure

Suggested Remedy

change

"The AAI-SCD is also used to send to a forwarding HR-MS power control parameters used for transmissions between the forwarding and the forwarded HR-MS."

to

"The AAI-SCD is also used to send power control parameters to a forwarding HR-MS that are used for transmissions between the forwarding and the forwarded HR-MS."

GroupResolution

Decision of Group: Accepted

Accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

Comment by:

Tim Godfrey

Membership Status: MemberDate: ?Comment # w01-10Document under Review: IEEE P802.16.1a/D6Ballot ID: 802.16.1a-r1Comment Type Editorial
sentence structurePart of Dis Satisfied Page 33Line 45Fig/Table# 6-59Subclause 6.2.3.31Suggested Remedy

change

"Values of n range 0-15."

to

"Values of n may be in the range of 0-15"

GroupResolutionDecision of Group: Accepted-Modified

Replace the 3rd and 4th rows (line #42 - #49) with following rows:

Initial ranging backoff start (n)	4	Initial backoff window size for initial ranging contention of priority HR-MS expressed as a power of 2. Value of n shall be in the range of 0-15.	Shall be present for priority access in HR-Network
Initial ranging backoff end (n)	4	Final backoff window size for initial ranging contention of priority HR-MS expressed as a power of 2. Value of n shall be in the range of 0-15.	Shall be present for priority access in HR-Network

Reason for Group's Decision/ResolutionGroup's Notes

Editor's Notes

Editor's Actions

Comment by:

Tim Godfrey

Membership Status: MemberDate: ?Comment # w01-11Document under Review: IEEE P802.16.1a/D6Ballot ID: 802.16.1a-r1Comment Type EditorialPart of Dis Satisfied Page 33Line 57Fig/Table# 6-59Subclause 6.2.3.31

sentence structure

Suggested Remedy

change

"Start of HR multicast indication cycle. The first superframe is the multicast available interval and rest superframes are the multicast unavailable interval."

to

"Start of HR multicast indication cycle. The first superframe is the multicast available interval and subsequent superframes are the multicast unavailable interval."

Also in Table 6-85, page 45, line 55

GroupResolutionDecision of Group: Accepted-Modified

Replace "rest superframes" with "subsequent superframes"

in

- line #59, page 17
- line #40, page 20
- line #55, page 32
- line #57, page 33
- line #55, page 45
- line #39, page 48
- line #12, page 51

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

Comment by:

Tim Godfrey

Membership Status: MemberDate: ?Comment # w01-12Document under Review: IEEE P802.16.1a/D6Ballot ID: 802.16.1a-r1Comment Type EditorialPart of Dis Satisfied Page 34Line 6Fig/Table# 6-59Subclause 6.2.3.31

sentence structure

Suggested Remedy

change

"Indicates whether current BR/RS is HR-MS acting as BS/RS or HR-BS acting as RS

0b00: current BS/RS is neither HR-MS acting as BS/RS nor HR-BS acting as RS

0b01: current BS/RS is HR-MS acting as BS/RS

0b10: current BS/RS is HR-BS acting as RS

0b11: Reserved."

to

"Indicates whether the current BR/RS is an HR-MS acting as a BS/RS or an HR-BS acting as an RS

0b00: the current BS/RS is neither an HR-MS acting as a BS/RS nor an HR-BS acting as an RS

0b01: the current BS/RS is an HR-MS acting as a BS/RS

0b10: the current BS/RS is an HR-BS acting as an RS

0b11: Reserved"

GroupResolutionDecision of Group: Accepted

Accept

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

2012/12/12

IEEE 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-13

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial Part of Dis Satisfied Page 34 Line 20 Fig/Table# 6-59 Subclause 6.2.3.31

sentence is hard to interpret because of use of words "forwarded" and "forwarding".

Suggested Remedy

Possibly put quotes around "forwarded to forwarding" and "forwarding to forwarded" to set them apart.

change

"It represents the value among -15.5 to 16 dB with 0.5 dB step"

to

"The range of values is -15.5 to 16 dB with a 0.5 dB step"

(Same comment applies to text in next 3 fields)

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 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-14

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial

Part of Dis Satisfied

Page 37

Line 25

Fig/Table# 6-71

Subclause 6.2.3.43

semntence structure

Suggested Remedy

change

"Indicates whether this message is for which type of Direct communications key agreement"

to

"Indicates which type of Direct communications key agreement is used for this message:"

GroupResolution

Decision of Group: Accepted-Modified

change

"Indicates whether this message is for which type of Direct communications key agreement"

to

"Indicates the type of Direct communications key agreement is used for this message:"

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-15

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial

Part of Dis Satisfied

Page 42

Line 34

Fig/Table#

Subclause 6.2.3.43.10

"unsolicitedly" is not a word

Suggested Remedy

Suggest: "The message is either transmitted in response to an HR MulticastKey-Request message initiated by an HR-MS, or is transmitted unsolicited.

Search for other occurrences.

GroupResolution

Decision of Group: Withdrawn

The word appears in the base standard, so withdraw.

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

Comment by:

Tim Godfrey

Membership Status: MemberDate: ?Comment # w01-16Document under Review: IEEE P802.16.1a/D6Ballot ID: 802.16.1a-r1Comment Type EditorialPart of Dis Satisfied Page 45Line 36Fig/Table# 6-85Subclause 6.2.3.47.1

sentence structure

Suggested Remedy

change

"Indicates whether HR multicast service is being requested or provided for the connection that is being successfully setup. 1 indicates support, 0 indicates not support.

Bit0: HR Multicast in S-BS only

Bit1: HR Multicast in a multi-BS zone supporting

If all Bit0-Bit1 are set to 0, it indicates no HR multicast is supported."

to

"Indicates whether HR multicast service is being requested or provided for the connection that is being successfully **set up**. 1 indicates support, 0 indicates not **supported**.

Bit0: HR Multicast in S-BS only

Bit1: HR Multicast in a multi-BS zone **supported**

If Bit0-Bit1 are both set to 0, it indicates HR multicast is **not supported**"

Similar issue also occurs in table 6-85, HR Multicast Service field (page 45, line 36)

GroupResolutionDecision of Group: Accepted-Modified

change

"Indicates whether HR multicast service is being requested or provided for the connection that is being successfully setup. 1 indicates support, 0 indicates not support.

Bit0: HR Multicast in S-BS only

Bit1: HR Multicast in a multi-BS zone supporting

If all Bit0-Bit1 are set to 0, it indicates no HR multicast is supported."

to

"Indicates whether HR multicast service is being requested or provided for the connection that is being successfully set up.

1 indicates support, 0 indicates not supported.

Bit0: HR Multicast in S-BS only

Bit1: HR Multicast in a multi-BS zone supported

If Bit0-Bit1 are both set to 0, it indicates HR multicast is not supported"

in line 36, page 45 and line 20, page 48.

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

Comment by:

Tim Godfrey

Membership Status: MemberDate: ?Comment # w01-17Document under Review: IEEE P802.16.1a/D6Ballot ID: 802.16.1a-r1Comment Type Editorial Part of Dis Satisfied Page 57 Line 6 Fig/Table# 6-10 Subclause 6.2.3.57

Text is unclear: "Number of frames, not including the current one, that the HR-BS shall start the RS Operation mode; can be used to deduce the operation mode in the current frame."

Suggested Remedy

Use of "that" is unclear. Is it supposed to be "Number of frames (not including the current one) before the HR-BS shall start the RS Operation mode; "?
Reword and clarify.

GroupResolutionDecision of Group: Accepted-Modified

Change:

"Number of frames, not including the current one, that the HR-BS shall start the RS Operation mode; can be used to deduce the operation mode in the current frame."

to

"Indicates the number of frames (not including the current one) until the HR-BS shall start the RS Operation mode."

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

2012/12/12

IEEE 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-18

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial

Part of Dis Satisfied

Page 58

Line 55

Fig/Table#

Subclause 6.2.3.65.1

Text is unclear.

Suggested Remedy

Change

"During maintaining relay link due to unavailable backhaul link, PHY/MAC layer parameters need be reconfigured such as"

to

"While maintaining a relay link due to an unavailable backhaul link, PHY/MAC layer parameters will need to be reconfigured, such as"

GroupResolution

Decision of Group: Accepted-Modified

Change

"During maintaining relay link due to unavailable backhaul link, PHY/MAC layer parameters need be reconfigured such as"

to

"While maintaining a relay link due to an unavailable backhaul link, PHY/MAC layer parameters will need to be reconfigured, such as"

in line 62, page 58.

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-19

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial

Part of Dis Satisfied

Page 65

Line 20

Fig/Table#

Subclause 6.2.3.65.4

sentence structure

Suggested Remedy

Change

"HR-MS transmits AAI-MM-RL-REQ message for the purpose as follows:"

to

"An HR-MS transmits the AAI-MM-RL-REQ message for the following purposes:"

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 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-20

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial

Part of Dis Satisfied

Page 69

Line 4

Fig/Table#

Subclause 6.2.3.65.7

sentence structure

Suggested Remedy

Change

"After configuring HR-BS mode or expiring predefined BS configuration deadline, the AAI-MM-BS-RSP message shall be sent from multimode HR-MS to a superordinate HR-BS in response to an AAI-MM-BS-REQ message."

to

"After configuring the HR-BS mode, or the expiration of a predefined BS configuration deadline, the AAI-MM-BS-RSP message shall be sent from multimode HR-MS to a superordinate HR-BS in response to an AAI-MM-BS-REQ 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 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-21

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial

Part of Dis Satisfied

Page 69

Line 51

Fig/Table#

Subclause 6.2.3.65.8

sentence structure

Suggested Remedy

Change

"To inform the time for starting HR-BS role, the AAI-MM-BS-CMD message shall be sent from superordinate HR-BS to the multimode HR-MS."

to

"To indicate the time for starting the HR-BS role, the AAI-MM-BS-CMD message shall be sent from the superordinate HR-BS to the multimode HR-MS."

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 # w01-22

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Technical Part of Dis Satisfied Page 71 Line 23 Fig/Table# Subclause 6.2.3.65.11

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 16.1a 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 16-12-0642-00-010a or its latest revision.

GroupResolution

Decision of Group: Accepted-Modified

Accept 16-12-0642-04-010a

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-23

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial

Part of Dis Satisfied

Page 74

Line 4

Fig/Table#

Subclause 6.2.3.65.12

sentence structure

Suggested Remedy

Change

"An HR-MS instructed to receive the ranging signals from other HR-MS shall report"

to

"An HR-MS that is instructed to receive the ranging signals from another HR-MS shall report."

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 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-24

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial

Part of Dis Satisfied

Page 75

Line 4

Fig/Table#

Subclause 6.2.3.65.13

sentence structure

Suggested Remedy

Change

"The AAI-HR-PCC message shall be used by an HR-MS receiving transmission from another in order to control its power."

to

"The AAI-HR-PCC message shall be used by an HR-MS receiving a transmission from another in order to control its power."

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 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-25

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial Part of Dis Satisfied Page 93 Line 22 Fig/Table# 6-10 Subclause 6.2.3.65.36
word form

Suggested Remedy

Change

"Indicate the period that ranging feedback sequences are sent..."

to

"Indicates the period that ranging feedback sequences are sent..."

(Same issue occurs multiple times in these tables)

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 802.16-12-0646-03

Comment by:

Won-Ik Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-26

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Technical Part of Dis Satisfied Page 103 Line 31 Fig/Table# Subclause 6.12.1.2.4

This contribution suggests the modification of relay link release related to multimode operation over IEEE P802.16.1a/D6.

Suggested Remedy

Please discuss and adopt the proposed text of the contribution, IEEE 802.16-12-0639-01-010a or the latest version.

GroupResolution

Decision of Group: Accepted

Accept IEEE 802.16-12-0639-01-010a

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0646-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-27

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Technical Part of Dis Satisfied Page 106 Line 42 Fig/Table# Subclause 6.2.3.65.48

"TBD" should be defined clearly.

Suggested Remedy

Define the description in Condition field in fourth column, line 46, page 106 in detail.

GroupResolution

Decision of Group: Accepted-Modified

Delete

"May be omitted if can be uniquely mapped multicast stream identifier, TBD"

from the "condition" field.

and

Add

"ID of the paged group" to the value description field

and change

"Message AAI-MSPG-PG multicast to a group of paging HR-MS lists of paged HR-MS ID and the access resources to be used by them."

to

"The AAI-MSPG-PG message is transmitted to a group of paging HR-MS lists of paged HR-MS ID and the access resources to be used by them."

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-28

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Technical Part of Dis Satisfied Page 106 Line 48 Fig/Table# Subclause 6.2.3.65.48

Clarification on Table 6-108av is needed.

Suggested Remedy

[Change 3rd-4th rows in page 106 and 2nd row in page 107 in Table 6-108av as follows:]

~~N_PI~~ ~~6~~ ~~Indicates the number of distinct paging~~
~~indicators~~

for (i=0; i<N_PI; i++) { | [N_PI indicates the number of distinct paging indicators. Range: 1..64](#) | Support of Wireless-MAN OFDMA with FDM-based UL PUSC Zone

for (i=0; i<N_PI; i++) { | [N_PI indicates the number of distinct paging indicators. Range: 1..64](#) | For AAI mode

GroupResolution

Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0646-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-29

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Technical Part of Dis Satisfied Page 112 Line 20 Fig/Table# Subclause 6.2.3.65.56

HR as a prefix is missed in MGID.

Suggested Remedy

[Change line #20-24 in page 112 as follows:]

An HR-BS may use AAI-HR-DSD-CMD message to delete a service flow (identified by a combination of [HR](#) MGID and FID) to all the HR-MSs with multicast command in the HR multicast group zone during the HR multicast group service.

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 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-30

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial Part of Dis Satisfied Page 122 Line 41 Fig/Table# 6-19 Subclause 6.3.5.5.2.4
word form

Suggested Remedy

Change
"Assignment A-MAP IE for high reliable multicast assignment"

to

"Assignment A-MAP IE for high reliability multicast assignment"

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 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-31

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial

Part of Dis Satisfied

Page 124 Line 12

Fig/Table#

Subclause 6.12.1.1.1

word form

Suggested Remedy

Change

"retransmits AAI-MM-RS-REQ message after expiring the action time."

to

"retransmits AAI-MM-RS-REQ message after 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

Comment by:

Tim Godfrey

Membership Status: MemberDate: ?Comment # w01-32Document under Review: IEEE P802.16.1a/D6Ballot ID: 802.16.1a-r1Comment Type EditorialPart of Dis Satisfied Page 127 Line 33Fig/Table#Subclause 6.12.1.1.4

sentence structure

Suggested Remedy

Change

"When receiving the AAI-MM-ADV message, HR-MS performs either handover to neighbor infrastructure station and returns to the HR-BS at the expected time or waiting in the HR-BS until restarting service with available backhaul link."

to

"When receiving the AAI-MM-ADV message, HR-MS performs either handover to neighbor infrastructure station and returns to the HR-BS at the expected time or **waits until** the HR-BS until restarting service with **the** available backhaul link."

GroupResolutionDecision of Group: Accepted-Modified

Replace

"When receiving the AAI-MM-ADV message, HR-MS performs either handover to neighbor infrastructure station and returns to the HR-BS at the expected time or waiting in the HR-BS until restarting service with available backhaul link."

with

"When receiving the AAI-MM-ADV message, HR-MS performs either handover to neighbor infrastructure station and returns to the HR-BS at the expected time or **waits until** the HR-BS restarts service with the available backhaul link."

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

2012/12/12

IEEE 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-33

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial

Part of Dis Satisfied

Page 127 Line 36

Fig/Table#

Subclause 6.12.1.1.4

sentence structure

Suggested Remedy

Change

"If the HR-BS acting as relay receives the request of relay link release from superordinate HR-BS"

to

"If the HR-BS acting as relay receives a relay link release request from 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 802.16-12-0646-03

Comment by:

Tim Godfrey

Membership Status: Member

Date: ?

Comment # w01-34

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Editorial

Part of Dis Satisfied

Page 132 Line 10

Fig/Table#

Subclause 6.12.1.3.2

sentence structure

Suggested Remedy

Change

"The HR-MSs which are capable of role changing to HR-BS may contend for operating of BS mode when the superordinate HR-BS is under unforeseeable fails or when there is no infrastructure station within the range of HR-MS."

to

"The HR-MSs which are capable of role changing to HR-BS may contend for operating of BS mode when the superordinate HR-BS is in an unforeseeable failure or when there is no infrastructure station within the range of HR-MS."

GroupResolution

Decision of Group: Accepted-Modified

Change

"The HR-MSs which are capable of role changing to HR-BS may contend for operating of BS mode when the superordinate HR-BS is under unforeseeable fails or when there is no infrastructure station within the range of HR-MS."

to

"The HR-MSs which are capable of role changing to HR-BS may contend for operating of BS mode when the superordinate HR-BS is not within the range of HR-MS."

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0646-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-35

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Technical Part of Dis Satisfied Page 238 Line 46 Fig/Table# Subclause Annex B

ASN.1 coding for FTN messages shall be provided.

FTN messages include

- AAI-FN-CONFIG-CMD
- AAI-FN-RNG-ACK
- AAI-FN-RNG-FLU
- AAI-MSPG-GRP
- AAI-MSPG-PG

Suggested Remedy

Adopt the text proposal in IEEE 802.16-12-0636-00-010a or its latest revision.

GroupResolution

Decision of Group: Accepted-Modified

Accept IEEE 802.16-12-0636-03-010a

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0646-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-36

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Technical Part of Dis Satisfied Page 238 Line 46 Fig/Table# Subclause Annex B

ASN.1 coding for Standalone-related messages shall be provided.

Standalone-related messages include

- AAI-SA-BPAG-ADV
- AAI-SA-BPAG-ACK

Suggested Remedy

Adopt the text proposal in IEEE 802.16-12-0637-00-010a or its latest revision.

GroupResolution

Decision of Group: Accepted

Accept IEEE 802.16-12-0637-00-010a

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0646-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-37

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Technical Part of Dis Satisfied Page 238 Line 46 Fig/Table# Subclause Annex B

ASN.1 coding for alternative path management messages shall be provided.
Alternative path management messages include
- AAI-AP-NBR-REQ
- AAI-AP-NBR-REP

Suggested Remedy

Adopt the text proposal in IEEE 802.16-12-0638-00-010a or its latest revision.

Group Resolution

Decision of Group: Accepted

Accept IEEE 802.16-12-0638-00-010a

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/12

IEEE 802.16-12-0646-03

Comment by: Won-Ik Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-38

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Technical Part of Dis Satisfied Page 281 Line 35 Fig/Table# Subclause Annex B

Text of ASN.1 coding is wrong.

Suggested Remedy

[Change text in line#35, page 281, P802.16.1a/D6 as follows:]

~~responseForUnsolicitRequest~~; approvalForUnsolicitRequest;

GroupResolution

Decision of Group: Accepted

Accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-39

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Technical Part of Dis Satisfied Page 282 Line 47 Fig/Table# Subclause Annex B

Clarification on ASN.1 coding in AAI-DC-LC-REQ message.

Suggested Remedy

[Replace line#47-56 in page 282 with following text:]

```

-- +-+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+
-- Direct communication link creation request
-- +-+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+
AAI-DC-LC-REQ ::= SEQUENCE {
    twDCLinkReq          SEQUENCE (SIZE (1..4)) OF SEQUENCE {
        twDCAddressForTransmitting BIT STRING (SIZE (12)),
        twDCAddressForReceiving   BIT STRING (SIZE (12))
    }
}

```

GroupResolution Decision of Group: Accepted

Accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-40

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Technical Part of Dis Satisfied Page 282 Line 57 Fig/Table# Subclause Annex B

Clarification on ASN.1 coding in AAI-DC-LC-RSP message.

Suggested Remedy

[Replace line#57, page 282 to line#3, page 283 with following text:]

```

-- +-+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+
-- Direct communication link creation response
-- +-+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+
AAI-DC-LC-RSP ::= SEQUENCE {
    twDClinkRsp          SEQUENCE (SIZE (1..4)) OF SEQUENCE {
        twDCAddressForTransmitting BIT STRING (SIZE (12)),
        confirmationCode           BIT STRING (SIZE (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 802.16-12-0646-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-41

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

Comment Type Technical Part of Dis Satisfied Page 296 Line 17 Fig/Table# Subclause Annex B
grammar error on ASN.1 coding

Suggested Remedy

Replace "messageChangeCountINTEGER (0..15)," in line 17, page 296 with "messageChangeCount INTEGER (0..15),"

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 802.16-12-0646-03

Comment by: Eunkyung Kim

Membership Status: Member

Date: 2012/11/06

Comment # w01-42

Document under Review: IEEE P802.16.1a/D6

Ballot ID: 802.16.1a-r1

<u>Comment</u>	<u>Type</u>	<u>Technical</u>	<u>Part of Dis</u>	<input type="checkbox"/>	<u>Satisfied</u>	<input type="checkbox"/>	<u>Page</u>	<u>999</u>	<u>Line</u>	<u>Fig/Table#</u>	<u>Subclause</u>
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Size of "Start RP code information of the S-RCH" is missed in Table 6-108ar.

Suggested Remedy

Add "4" in the second column in line #22, page 102.

GroupResolution

Decision of Group: Accepted

Accept

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions