

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A1

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 3 Fig/Table# Subclause 13.1.2.3.1.3
The sentence grammar can be improved

Suggested Remedy

Change "sizes" to "size"

GroupResolution

Decision of Group: Principle

Change "The sizes of the buffers is configurable." to "The size of the buffer is configurable."

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A2

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 9 Fig/Table# Subclause 13.1.2.3.1.3
The sentence grammar can be improved

Suggested Remedy

Change "the access" to "access"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A3

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page ? Line 12 Fig/Table# Subclause 13.1.2.3.1.3

There are many types of "power reset", including soft reset, warm reset, or hard reset. Need to clarify.

Suggested Remedy

Change the sentence to "The content of each entry should be unaffected by a soft reset or a warm reset of the system. A hard reset shall erase the contents of all entries."

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The standard does not distinguish between different kinds of reset.

This sentence was not previously addressed in the sponsor ballot.

Group's Notes

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A4

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page ? Line 3 Fig/Table# Subclause 13.1.2.1.2

The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"
Change "the traps" to "BS traps"
Add a period to the end of the sentence.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A5

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 24 Fig/Table# Subclause 13.1.2.1.2.2

The sentence grammar can be improved

Suggested Remedy

Replace "group" with "is a group that"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A6

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 50 Fig/Table# Subclause 13.1.2.2.2
The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"
Change "the traps" to "SS traps"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A7

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 8 Fig/Table# Subclause 13.1.2.2.2.2
The sentence grammar can be improved

Suggested Remedy

Replace "group" with "is a group that"
Replace "by SS" with "by the SS"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A8

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 29 Fig/Table# Subclause 13.1.2.3.1

The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A9

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 53 Fig/Table# Subclause 13.1.2.3.1.2

The sentence grammar can be improved

Suggested Remedy

Change "by BS" to "by either the BS"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A10

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 58 Fig/Table# Subclause 13.1.2.3.1.3
Inadvertent comma

Suggested Remedy

Change "events," to "events"

GroupResolution

Decision of Group: Principle

Change: "wmanDevCmnEventLogTable is used to store local events, that should reside in the nonvolatile memory."
to: "wmanDevCmnEventLogTable, which should reside in the nonvolatile memory, is used to store local events."

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A11

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 16 Fig/Table# Subclause 13.1.2.3.2
The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A12

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 37 Fig/Table# Subclause 13.1.2.3.3

The sentence grammar can be improved

Suggested Remedy

Change "object related to" to "objects related to the"

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

"Device configuration" is as an abstract noun and does not need an article.

Group's Notes

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A13

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 63 Fig/Table# Subclause 13.1.3.1

The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A14

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 64 Fig/Table# Subclause 13.1.3.1

The sentence grammar can be improved

Suggested Remedy

Change "status, RSSI" to "status or RSSI"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A15

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 36 Fig/Table# Subclause 13.1.3.1.2

The sentence grammar can be improved

Suggested Remedy

Replace "object group" with "is an object group that"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A16

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 43 Fig/Table# Subclause 13.1.3.1.2
The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

There is no instance of "structure of" in subclause 13.1.3.1.2. Editor applied the remedy at 13.1.3.2 instead

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A17

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page ? Line 28 Fig/Table# Subclause 13.1.3.2.1
The sentence grammar can be improved

Suggested Remedy

Change "contains the information of" to "contains information regarding an"

Change "registered" to "registered with this BS"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A18

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 27 Fig/Table# Subclause 13.1.3.2.10

The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

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Comment # A19

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 3 Fig/Table# Subclause 13.1.3.3

The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

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Comment # A20

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 24 Fig/Table# Subclause 13.1.3.4

The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A21

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☒ Satisfied ☐ Page ? Line 60 Fig/Table# Subclause 13.1.3.4.2

The sentence grammar can be improved

Suggested Remedy

Change "that were received from SS" to "that was received from the SS"

Change "were obtained from SS" to "obtained from the SS"

GroupResolution

Decision of Group: Principle

Change: "wmanIf2BsRssiCinrMetricsTable contains channel measurement information on the uplink signal that were received from SS, and the downlink signal were obtained from SS using REP-REQ/RSP messages." to

"wmanIf2BsRssiCinrMetricsTable contains channel measurement information on the uplink signal received from the SS, and channel measurement information on the downlink signal reported by the SS to the BS using REP-REQ/RSP messages."

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A22

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 51 Fig/Table# Subclause 13.1.3.4.12

The sentence grammar can be improved

Suggested Remedy

Replace "to count" with "that increment"

Replace "non-authentic" to "unauthenticated"

GroupResolution

Decision of Group: Principle

wmanIf2BsAuthenticationMetricsTable contain<insert>s</insert> counters <insert>used</insert> to count <delete>on</delete> receipt of non-authentic messages so that an active attack can be detected.

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A23

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 57 Fig/Table# Subclause 13.1.3.5

The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A24

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 60 Fig/Table# Subclause 13.1.3.5.4.1

The sentence grammar can be improved

Suggested Remedy

change "needed to" to "needed for"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A25

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 19 Fig/Table# Subclause 13.1.4

The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

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Date: 20-Oct-2008 19:00:00

Comment # A26

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 40 Fig/Table# Subclause 13.1.4.1

The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00:00

Comment # A27

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 60 Fig/Table# Subclause 13.1.4.1.1

The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00:00

Comment # A28

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 58 Fig/Table# Subclause 13.1.4.1.1.6

The sentence grammar can be improved

Suggested Remedy

Replace "send" with "sent"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00:00

Comment # A29

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 60 Fig/Table# Subclause 13.1.4.1.2

The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

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Comment # A30

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 35 Fig/Table# Subclause 13.1.4.1.3
The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

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Date: 20-Oct-2008 19:00:00

Comment # A31

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 53 Fig/Table# Subclause 13.1.4.1.3.1
improve the sentence

Suggested Remedy

Remove "This table"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

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Date: 20-Oct-2008 19:00 UTC

Comment # A32

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 15 Fig/Table# Subclause 13.1.4.1.4

The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 UTC

Comment # A33

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 48 Fig/Table# Subclause 13.1.4.1.5

The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A34

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 39 Fig/Table# Subclause 13.1.4.2

The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

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Date: 20-Oct-2008 19:00 EST

Comment # A35

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 25 Fig/Table# Subclause 13.1.6

The sentence grammar can be improved

Suggested Remedy

Change "structure of" to "structure of the"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

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Date: 20-Oct-2008 19:00 EST

Comment # A36

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 9 Fig/Table# Subclause 13.1.6.4

The sentence grammar can be improved

Suggested Remedy

Replace "group" with "is a group that"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A37

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 6 Line 6 Fig/Table# Subclause 1.4.4

Sentence needs a period.

Suggested Remedy

Add period to end of sentence.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims Membership Status: Member Date: 20-Oct-2008 19:00:00

Comment # A38 Document under Review: P802.16Rev2/D7 Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 232 Line 31 Fig/Table# Subclause 6.3.2.3.47

typo

Suggested Remedy

Change "followings" to "following"

GroupResolution

Decision of Group: Principle

Change "according to the followings: the"

to

"as follows: The"

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims Membership Status: Member Date: 20-Oct-2008 19:00:00

Comment # A39 Document under Review: P802.16Rev2/D7 Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 248 Line 36 Fig/Table# Subclause 6.3.2.3.49

typo

Suggested Remedy

Change "followings" to "following"

GroupResolution

Decision of Group: Principle

Change "according to the followings: the"

to

"as follows: The"

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A40

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 248 Line 48 Fig/Table# Subclause 6.3.2.3.49
typo

Suggested Remedy

change "using" to "use"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

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Comment # A41

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 232 Line 37 Fig/Table# Subclause 6.3.2.3.47
typo

Suggested Remedy

change "using" to "use"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

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Comment # A42

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 232 Line 47 Fig/Table# Subclause 6.3.2.3.47
typo

Suggested Remedy

change "using" to "use"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A43

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 236 Line 20 Fig/Table# Subclause 6.3.2.3.48
typo

Suggested Remedy

change "negotiation For" to "negotiation. For"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims Membership Status: Member Date: 20-Oct-2008 19:00 EST

Comment # A44 Document under Review: P802.16Rev2/D7 Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 237 Line 25 Fig/Table# Subclause 6.3.2.3.48

typo

Suggested Remedy

change "RTD can be RTD can be" to "RTD can be"

GroupResolution Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A45

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 246 Line 35 Fig/Table# Subclause 6.3.2.3.49

The sentence grammar can be improved

Suggested Remedy

Change "that potential Target BS estimates that channel parameters for that BS learned by the MS" to "channel parameters learned by a potential Target BS from an MS"

GroupResolution

Decision of Group: Principle

Change:

"For HO, this value is defined as number of frames until the Target BS allocates a dedicated transmission opportunity for RNG-REQ message to be transmitted by the MS using Fast Ranging IE. Non-zero value of this parameter means that potential Target BS estimates that channel parameters for that BS learned by the MS before HO stay valid and can be reused during actual Network Re-entry without preceding CDMA-based Ranging."
to:

"This value is defined as the number of frames until the Target BS allocates, using the Fast Ranging IE, a dedicated transmission opportunity for a RNG-REQ message to be transmitted by the MS.

A non-zero value of this parameter means that, if the MS re-enters the network at the Target BS, the MS may skip CDMA-based ranging and apply the channel parameters for the Target BS that the MS acquired before HO when sending the RNG-REQ message."

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A46

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 260 Line 45 Fig/Table# Subclause 6.3.2.3.54

The sentence grammar can be improved

Suggested Remedy

Change "When it is same with" to "When it is the same as"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Harry Bims

Membership Status: Member

Date: 20-Oct-2008 19:00 EST

Comment # A47

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 261 Line 29 Fig/Table# Subclause 6.3.2.3.54

The sentence grammar can be improved

Suggested Remedy

Change "When it is same with" to "When it is the same as"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Sean Cai

Membership Status: MemberDate: 28-Oct-2008Comment # A48Document under Review: P802.16Rev2/D7Ballot ID: sb_16Rev2a

Comment Type General Part of Dis ☒ Satisfied ☐ Page 437 Line 35 Fig/Table# Subclause 6.3.20.2

Please refer to Comment1 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

Comment1:

Section 6.3.20.2, paragraph 2, last sentence

MS may also send BR and UL sleep control header for activation of Power saving classes of type I, waiting for DL sleep control extended sub-header as a response from BS .Thus T43 Timer should also be started in this situation.

Suggested Remedy

Please refer to Comment1 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

Suggested remedy:

Proposed text changed in standard as follows

The MS may retransmit MOB_SLP-REQ message or BR and UL sleep control header if it does not receive the MOB_SLP-RSP message or DL sleep control extended subheader within the T43 timer.

GroupResolution

Decision of Group: Principle

[change lines 35-39 on page 437 as indicated:]

For definition and/or activation of one or several power saving classes of type I the MS shall send MOB_SLP-REQ or BR and UL sleep control header (for activation only); the BS shall respond with a MOB_SLP-RSP message or DL sleep control extended subheader. The MS may retransmit MOB_SLP-REQ message <insert>or BR and UL sleep control header</insert> if it does not receive the MOB_SLP-RSP message <insert>or DL sleep control extended subheader</insert><delete>within</delete><insert>before</insert> the T43 timer<insert>expires</insert>.

[also change, on page 1151, line 51:]

Time the MS waits for MOB_SLP-RSP <insert> or DL sleep control extended subheader</insert>.

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Scott Probasco needs to implement the last part of the group resolution

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sean Cai

Membership Status: Member

Date: 28-Oct-2008
11:58:16 EDT

Comment # **A49**

Document under Review: **P802.16Rev2/D7**

Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input checked="" type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 1	<u>Fig/Table#</u>	<u>Subclause</u> 10.4
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Please refer to Comment2 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

Comment2:
Section 10.4, table 554
Multicast Polling CID is assigned to MS, not to BS.

Suggested Remedy

Please refer to Comment2 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

Proposed text changed in standard as follows
Multicast Polling 0xFF00–0xFFFF9 A ~~BS~~ MS may be included in one or more multicast polling groups for the purposes of obtaining bandwidth via polling. These connections have no associated service flow.

GroupResolution

Decision of Group: Principle

[Proposed text changed in standard as follows:]

Multicast Polling 0xFF00–0xFFFF9 A <delete>BS</delete><insert> MS</insert> may be included in one or more multicast polling groups for the purpose<delete>s</delete> of obtaining bandwidth via polling. These connections have no associated service flow.

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sean Cai

Membership Status: Member

Date: 28-Oct-2008

Comment # A50

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 437 Line 35 Fig/Table# Subclause 6.3.20.2

Please refer to Comment1 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

Comment1:

Section 6.3.20.2, paragraph 2, last sentence

MS may also send BR and UL sleep control header for activation of Power saving classes of type I, waiting for DL sleep control extended sub-header as a response from BS .Thus T43 Timer should also be started in this situation.

Suggested Remedy

Please refer to Comment1 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

Suggested remedy:

Proposed text changed in standard as follows

The MS may retransmit MOB_SLP-REQ message or BR and UL sleep control header if it does not receive the MOB_SLP-RSP message or DL sleep control extended subheader within the T43 timer.

GroupResolution

Decision of Group: Principle

[change lines 35-39 on page 437 as indicated:]

For definition and/or activation of one or several power saving classes of type I the MS shall send MOB_SLP-REQ or BR and UL sleep control header (for activation only); the BS shall respond with a MOB_SLP-RSP message or DL sleep control extended subheader. The MS may retransmit MOB_SLP-REQ message <insert>or BR and UL sleep control header</insert> if it does not receive the MOB_SLP-RSP message <insert>or DL sleep control extended subheader</insert><delete>within</delete><insert>before</insert> the T43 timer<insert>expires</insert>.

[also change, on page 1151, line 51:]

Time the MS waits for MOB_SLP-RSP <insert> or DL sleep control extended subheader</insert>.

Reason for Group's Decision/Resolution

Group's Notes

Duplicate of A48

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sean Cai

Membership Status: Member

Date: 28-Oct-2008

Comment # **A51**

Document under Review: **P802.16Rev2/D7**

Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input checked="" type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 41	<u>Fig/Table#</u>	<u>Subclause</u> 11.1.8.3
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Please refer to Comment3 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

Comment3:

Section 11.1.8.3

The BS Broadcast Paging messages shall be transmitted during the MS Paging Listening Interval and the MS will begin decoding for any BS Broadcast Paging message during the entire BS paging interval. So it can be concluded that paging offset is not the frame in which the paging message is transmitted. Paging offset should be the start of the paging interval.

Suggested Remedy

Please refer to Comment3 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

Bits #16-31:PAGING_OFFSET - determines the frame within the cycle from which the paging interval starts.in which the paging message is transmitted. Must be smaller than PAGING_CYCLE value.

Please adopt C80216maint-08_300r2 or later version.

GroupResolution

Decision of Group: **Principle**

adopt C802.16maint-08/300r3

Reason for Group's Decision/Resolution

Group's Notes

(11/11): deferred, contribution format is incorrect.

Editor's Notes

Editor's Actions a) done

Comment by:

Sean Cai

Membership Status: MemberDate: 28-Oct-2008 15:10:53Comment # A52Document under Review: P802.16Rev2/D7Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 492 Line 59 Fig/Table# Subclause 6.3.26.2

Please refer to Comment4 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

Comment4:

Section 6.3.26.2

The BS may use resource shifting to mitigate resource holes. But it is not specified in standard when to perform resource shifting. If MS that are located after resource hole receive resource shifting indicator with value '1' and shift their persistent resource position immediately, errors maybe take place in data transmission because some MS fail to decode DL-MAP and send and receive data in the preceding positions in which other MS have shifted their resource blocks. It means that collisions happen. If MS fails to decode DL-MAP and stops data transmission immediately, data loss happens to the MS.

Suggested Remedy

Please refer to Comment4 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

We propose that executing time of resource shifting is specified in sub-burst IEs of the Persistent HARQ DL/UL MAP allocation IE. If the executing time of resource shifting is not specified in sub-burst IEs of the Persistent HARQ DL/UL MAP allocation IE, resource shifting should be performed in frame K + ap while de-allocation command and resource shifting indicator is transmitted in frame K.
[Please adopt C80216maint-08_268r4 or later version.](#)

GroupResolutionDecision of Group: DisagreeReason for Group's Decision/Resolution

This contribution creates additional error states, which have not been considered in the proposed remedy.

Group's Notes

(11/11) Deferred, referenced contribution (268r4) is not available.
(11/13) Li Wang indicated Sean Cai wishes to withdraw this comment.

Editor's NotesEditor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sean Cai

Membership Status: Member

Date: 28-Oct-2008 15:21:53

Comment # A53

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 796 Line 30 Fig/Table# Subclause 8.4.5.3.29

Please refer to Comment5 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

Comment5:

Section 8.4.5.3.29, table 364-371, table 442

N sub burst in sub-burst IE of Persistent HARQ DL/UL MAP IE is defined as number of sub-bursts in the 2D rectangular region, and the N sub burst is used in the FOR circulation in the sub-burst IE. But the number of the FOR circulation should refer to the changed sub-bursts, not to all sub-burst in the 2D rectangular region.

Suggested Remedy

Please refer to Comment5 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

It should modify the definition of the N sub burst as number of changed sub-bursts in the 2D rectangular region.

Please adopt C80216maint-08_302r1 or later version.

GroupResolution

Decision of Group: Principle

adopt C802.16maint-08/302r4

Reason for Group's Decision/Resolution

Group's Notes

(11/11) deferred

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sean Cai

Membership Status: Member

Date: 28-Oct-2008 15:00

Comment # A54

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 496 Line 6 Fig/Table# Subclause 6.3.26.4.5

Please refer to Comment6 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

Comment6:

Section 6.3.26.4.5-6.3.26.4.7

MS that failed to decode the DL-MAP in frame K can not resume using persistent allocation in frame K+ap if there are some persistent allocation changes such as de-allocation , Persistent HARQ Region change in the Persistent HARQ DL/UL MAP IE in frame K. That's not reasonable.

Suggested Remedy

Please refer to Comment6 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

Suggested remedy:

We propose that change indicator should act as recovery indicator. The MS that failed to receive the DL-MAP in frame K - ap should resume using persistent allocation in frame K if change indicator is set to 0 in the Persistent HARQ DL/UL MAP IE in frame K while persistent allocation is changed in frame K – ap.

Please adopt C80216maint-08_301r1 or later version.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

Introduces ambiguity by not specifying BS behavior.

Group's Notes

(11/11) Deferred.

(11/12) Result of vote to adopt C80216maint-08/301r3: 6 in favor, 5 against, no abstentions

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sean Cai

Membership Status: Member

Date: 28-Oct-2008 15:
- - - - -

Comment # A55

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 483 Line 3 Fig/Table# Subclause 6.3.23.1

Please refer to Comment7 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

Comment7:

Section 6.3.23.1, first paragraph

The serving BS may signal an MS to begin idle mode by sending a DREG-CMD message with action code 0x05 in unsolicited manner and start T46 timer as well as management resource holding timer at the same time. MS shall enter idle mode after it sends DREG-REQ message with the De-registration_Request Code parameter = 0x02 in response to the unsolicited DREG-CMD message. However, once MS has entered idle mode it could not guarantee availability to any BS for DL traffic. That may cause the problem that the MS could not respond to the BS during retransmission of DREG-CMD due to the error delivery of DREG-REQ at the first time. In this case, the BS would transmit DREG-CMD messages repeatedly till DREG command retry count is exhausted. So retransmission of DREG-CMD does not make sense in this case, and it's just a waste of air interface resource.

Suggested Remedy

Please refer to Comment7 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

Suggested remedy:

It is proposed that MS should set a MS-ENTER-IDLE-Timer for waiting a possible retransmission of DREG-CMD from BS after it sends a DREG-REQ. When MS receives DREG-CMD again before MS-ENTER-IDLE-Timer expires, it shall resend a DREG-REQ and check the ENTER-IDLE-Timer Retries. MS shall restart the MS-ENTER-IDLE-Timer and increase the ENTER-IDLE-Timer Retries by one if the ENTER-IDLE-Timer Retries has not been exhausted, otherwise MS shall enter idle mode at the expiration of MS-ENTER-IDLE-Timer.

Please adopt C80216maint-08_272r3 or later version.

GroupResolution

Decision of Group: Disagree

Adopt C802.16maint-08/272r5

Reason for Group's Decision/Resolution

Group disagrees with the problem statement.

Group's Notes

(11/11) deferred

result of vote to adopt C802.16maint-08/272r5: 6 in favor, 14 against, 1 abstention

Editor's Notes

Editor's Actions

b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sean Cai

Membership Status: Member

Date: 28-Oct-2008 15:34:53

Comment # A56

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type General Part of Dis ☒ Satisfied ☐ Page 796 Line 10 Fig/Table# Subclause 8.4.5.3.29

Please refer to Comment8 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

Comment8:

Section 8.4.5.3.29 and section 8.4.5.4.30

In the current standard IEEE 802.16 Rev2 D7, HARQ related parameters are always filled in the Persistent HARQ DL/UL MAP IE even if HARQ disable. That's a waste of bandwidth especially have many sub-bursts. The Persistent HARQ DL/UL MAP IE refers to the HARQ DL/UL MAP IE, but it also support non-HARQ mode.

Additionally the element of SPID should be removed from Persistent HARQ DL/UL MAP IE when uses the persistent allocation because SPID is always zero at the first sub-packet transmission.

Suggested Remedy

Please refer to Comment8 in attached file:
"Comments_16Rev2_D7_ZTE_1.doc"

Suggested remedy:

HARQ related parameters should be removed from Persistent HARQ DL/UL MAP IE when HARQ disable. It should according to the element of [ACK disable](#) to determine if Fills the HARQ related parameters.

We propose that uses similar mode to modify the table 364-370 in the section 8.3.5.3.29 and the table 440-447 in the section 8.3.5.4.30.

[Please adopt C80216maint-08_307r1 or later version.](#)

GroupResolution

Decision of Group: Disagree

Adopt C802.16maint-08/307r5

Reason for Group's Decision/Resolution

Proposed text changes are not consistant with the non-persistent allocation IEs

Group's Notes

(11/12) deferred

result of strawpoll on adoption of a modification to 08/307r4: 4 in favor, 3 opposed, 5 abstentions. Deferred.

REsult of vote to adopt C802.16maint-08/307r5: 8 in favor 3 opposed, 1 abstention

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sean Cai

Membership Status: Member

Date: 28-Oct-2008

Comment # A57

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 798 Line 1 Fig/Table# Subclause 8.4.5.3.29

Please refer to the detail description in attached file:

"Comments_16Rev2_D7_ZTE_2.doc"

Comment on P80216Rev2_D7

In current P80216Rev2_D7, there have redundant IE format design on resource de-allocation of persistent allocation, for example, Persistent DL HARQ Chase Subburst IE format in Page 798, Persistent DL HARQ IR CTC Subburst IE format in Page 804, Persistent DL HARQ IR CC Subburst IE format in Page 807, Persistent MIMO DL Chase HARQ Subburst IE format in Page 811, Persistent MIMO DL IR HARQ Subburst IE format in Page 816, Persistent MIMO DL IR HARQ CC Subburst IE format in Page 822, Persistent MIMO DL STC HARQ CC Subburst IE format in Page 826, etc.

Suggested Remedy

Please refer to the detail description in attached file:

"Comments_16Rev2_D7_ZTE_2.doc"

Details of relevant suggestions can be got in contribution C80216maint-08_320.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

Error cases may not be handled adequately.

Group's Notes

(11/11) deferred.

Result of vote to adopt C80216maint-08_320r2. 5 in favor, 5 opposed, 1 abstention

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by: Vladimir Yanover

Membership Status: Member

Date: 29-Oct-2008
11:07:00 EDT

Comment # A58

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page ? Line 46 Fig/Table# Subclause 11.13.34

Wrong range of reserved values: must be 3-255

Suggested Remedy

Change the range of reserved values from "3-256" to "3-255"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Vladimir Yanover

Membership Status: Member

Date: 29-Oct-2008
11:07:00 EDT

Comment # A59

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 301 Line 1 Fig/Table# Subclause 6.3.6

According to the contribution IEEE C802.16maint-08/327

Suggested Remedy

According to the contribution IEEE C802.16maint-08/327

GroupResolution

Decision of Group: Principle

Adopt IEEE C802.16maint-08/327r4

Reason for Group's Decision/Resolution

Group's Notes

(11/11) deferred.

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Vladimir Yanover

Membership Status: Member

Date: 29-Oct-2008

Comment # A60

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page ? Line 56 Fig/Table# Subclause 11

According to the contribution IEEE C802.16maint-08/328

Suggested Remedy

According to the contribution IEEE C802.16maint-08/328

GroupResolution

Decision of Group: Principle

on page 270, line 62 through page 271, line 6:

a) Fields of MAC messages <insert>and TLV encodings </insert>are transmitted in the same order as they appear in the corresponding tables in this standard

b) Fields of MAC messages and fields of TLV encodings, which are specified in this standard as binary numbers (including CRC and HCS), are transmitted as a sequence of their binary digits, starting from MSB. Bit masks (for example, in ARQ) are considered numerical fields. ~~The fields of~~TLV encodings ~~in MAC management messages~~are <insert>transmitted</insert> ~~encoded</delete>~~ in the order ~~to</delete>~~ <insert>of</insert> Type, Length and Value. <insert>If the Value of a TLV or a field within the TLV's Value is explicitly specified as a numbered sequence of bits, then the order of transmission shall be from highest sequence number to lowest sequence number. </insert>For signed numbers, MSB is allocated for the sign. Length field in the "definite form" of ITU-T X.690 is also considered a numerical field.

[In addition, in all tables that specify the fields of a TLV value, consistently set the title of the field name column to "Field".]

On page 1202, line 34, change "Parameters" to "Syntax".

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Vladimir Yanover

Membership Status: Member

Date: 29-Oct-2008
11:07:00 EDT

Comment # A61

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 479 Line 20 Fig/Table# Subclause 6.3.22

According to the contribution IEEE C802.16maint-08/329

Suggested Remedy

According to the contribution IEEE C802.16maint-08/329

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-08/329r4

Reason for Group's Decision/Resolution

Group's Notes

(11/11) deferred

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Vladimir Yanover

Membership Status: Member

Date: 29-Oct-2008
11:07:00 EDT

Comment # A62

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 311 Line 20 Fig/Table# Subclause 6.3.7.4.3.5

Gap IE is not defined

Suggested Remedy

Remove 6.3.7.4.3.5

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

Gap IE is still relevant to SC and OFDM and is referenced in those section.

Group's Notes

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Vladimir Yanover

Membership Status: Member

Date: 29-Oct-2008
11:07:00 EDT

Comment # A63

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 311 Line 25 Fig/Table# Subclause 6.3.7.5

The role of 6.3.7.5 is not clear. All PHY description sections (8.1, 8.3, 8.4) include detailed definition of map relevance and synchronization. The section is in fact an attempt to duplicate these descriptions in general form applicable to all PHY options. There is no utility of this attempt. On the other hand each time we have information duplicated in different sections it creates an opportunity for inconsistency of different sections in the standard

Suggested Remedy

Remove 6.3.7.5

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

Section contains relevant information not contained in other sections.

Group's Notes

Editor's Notes

Editor's Actions b) none needed

Comment by: Vladimir YanoverMembership Status: MemberDate: 29-Oct-2008
11:07:00 EDTComment # A64Document under Review: P802.16Rev2/D7Ballot ID: sb_16Rev2aComment Type Technical Part of Dis ☒ Satisfied ☐ Page 321 Line 28 Fig/Table# Subclause 6.3.9.3

Acquisition of UL parameters does not show how the SS can identify the duplexing mode used by the BS

Suggested Remedy

After the sentence "The SS shall determine from the channel description parameters whether it may use the UL channel" add the following sentence: "Particularly the SS shall identify the duplexing mode (TDD or FDD) based on the UL Frequency parameter in UCD message"

GroupResolution**Decision of Group:** Principle

[After the sentence "The SS shall determine from the channel description parameters whether it may use the UL channel" add the following:]

<insert>For FDD, the BS shall include the Frequency parameter in UCD with a UL center frequency value different than the DL center frequency value of the Frequency parameter in the DCD. The SS shall interpret the different UL center frequency value as explicit indication that the duplexing technique for the channel is FDD.

For TDD, the BS may include the Frequency parameter in UCD with a UL center frequency value the same as the DL center frequency value of the Frequency parameter in the DCD. The SS shall interpret a UL center frequency value equal to the DL center frequency value, or the absence of any Frequency TLV in the UCD as explicit indication that the duplexing technique for the channel is TDD.</insert>

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

2008/08/01

IEEE 802.16-08/054r3

Comment by: Vladimir Yanover

Membership Status: Member

Date: 29-Oct-2008
11:07:00 EDT

Comment # A65

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 319 Line 37 Fig/Table# Subclause 6.3.9.2

DL-MAP does not contain DL Burst Profiles

Suggested Remedy

Change "The SS achieves MAC synchronization once it has received at least one DL-MAP message and is able to decode the DL-Burst Profiles contained in the message" to "The SS achieves MAC synchronization once it has received at least one DL-MAP message and is able to decode the DL Bursts specified by the message"

GroupResolution

Decision of Group: Principle

Change "The SS achieves MAC synchronization once it has received at least one DL-MAP message and is able to decode the DL-Burst Profiles contained in the message"

to

"The SS achieves MAC synchronization once it has received at least one DL-MAP message and has acquired the DL-Burst Profiles information."

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Phillip Barber

Membership Status: MemberDate: 29-Oct-2008Comment # A66Document under Review: P802.16Rev2/D7Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 488 Line 24 Fig/Table# Subclause 6.3.23.8.1.5

I object to the remedy of comment 792.

In several ways adopting the changes accepted as part of comment 792 breaks the standard for Idle Mode function when MBS services are enabled for one or more MS.

The first inserted conditional phrase '...with an active multi-BS MBS service flow...' limites the scope of the detection and update to only those MBS flows that may be active. In fact inactive/provisioned flows may be made activate by conducting such Location Update for MBS action during inter-MBS Zone transitions, but not now, not with the new restrictive language. It would be more understandable to instead say '...with one or more multi-BS MBS service flows...' This conditional statement was not really needed since the last sentence of the paragraph covers this case correctly: 'If the MBS zone identifier list detected does not include the MBS zone identifiers for all multi-BS-MBS flows to which the MS belongs, the MS shall determine that the MBS Zone has changed.'

And the additional conditional sentence added '...unless the MS already has the MCID mappings in the target MBS zone...' is insufficient. This new condition implies some method to update such Service Flow MCID encodings, some method that is not in fact defined in the standard and therefor is proprietary and need not have any mention in the standard. Either include the method in the standard and reference it in this location, or make specific identification that 'The Service Flow CID encodings of MCID for MBS flows may be updated in a method outside of this standard.'

In any event, such conditional method is the ONLY reason not to alway conduct the MBS update process, so changing the 'shall' to 'should' in the sentence is completely wrong. Since in all other instances outside of the condition the MS shall conduct the behavior, the term must be 'shall', not 'should'.

Suggested Remedy

On page 488, line 24, modify the paragraph as:

An MS in idle mode with <begin delete>an active<end delete><begin insert>one or more<end insert> multi-BS MBS service flow<begin insert>s<end insert> <begin delete>should<end delete><begin insert>shall<end insert> perform a location update process when the MS detects a change in MBS Zone unless the MS already has the MCID mappings in the target MBS zone.<begin insert>The Service Flow CID encoding of MCID for MBS flows may be updated in a method outside of this standard.<end insert> The MS shall detect the change of MBS Zone by monitoring the MBS zone identifier list which is transmitted by the Preferred BS in the DCD message. If the MBS zone identifier list detected does not include the MBS zone identifiers for all multi-BS-MBS flows to which the MS belongs, the MS shall determine that the MBS Zone has changed.

On page 488, line 47 modify the sentence as:

If location update is used when an idle MS with <begin delete>an active<end delete><begin insert>one or more<end insert> multi-BS MBS service flow<begin insert>s<end insert> enters a new MBS Zone, then the MS shall include MBS update TLV in RNG-REQ.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Result of vote to adopt proposal: 8 in favor, 2 opposed.

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Phillip Barber

Membership Status: Member

Date: 29-Oct-2008

Comment # **A67**

Document under Review: **P802.16Rev2/D7**

Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input checked="" type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> 452	<u>Line</u> 54	<u>Fig/Table#</u>	<u>Subclause</u> 6.3.21.2.2
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I object to the resolution of comment 801
Filed on behalf of Peretz Feder

Suggested Remedy

As with the previously filed comment 801,
Accept the remedy proposed in C802.16maint-08/310

GroupResolution

Decision of Group: **Disagree**

Adopt C802.16maint-08/324r8

Reason for Group's Decision/Resolution

Proposed remedy is inconsistent with existing text.

Group's Notes

duplicate of A69

Editor's Notes

Editor's Actions b) none needed

Comment by:

Phillip Barber

Membership Status: MemberDate: 29-Oct-2008Comment # A68Document under Review: P802.16Rev2/D7Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 17 Fig/Table# Subclause 11.1318332

Subclause 11.13.18.3.3.2 IP Type of Services/DSCP Range and Mask field needs to be deprecated as it reflects the old 802.16a text that is not in line with the related DSCP RFCs. In particular, the Diffserve code point assignment takes place at a layer higher than the MAC and the 802.16 peer-to-peer link is acting just as a transparent transport for the Protocol SDUs. However, for backward compatibility reasons the present TLV should not be removed but rather changed to Reserved and a new one introduced reflecting the required change.

Filed on behalf of Peretz Feder

Suggested Remedy

Replace subclause 11.13.18.3.3.2 as:

11.13.18.3.3.2 Reserved

Type Length Value

[145/146].cst.3.2 3 Reserved

Introduce a new subclause 11.13.18.3.3.18.

11.13.18.3.3.18 IP Type of Service/DSCP (Differentiated Services CodePoint) Value.

The value of this field specifies the matching parameters for the IP type of service/DSCP (IETF RFC 2474). The values are managed by IANA under the Differentiated Services Field CodePoints registry. If this field is omitted, then comparison of the IP packet ToS byte for this entry is irrelevant.

Type Length Value

[145/146].cst.3.20 1 DSCP value

GroupResolution

Decision of Group: Principle

Replace subclause 11.13.18.3.3.2 as:

11.13.18.3.3.2 Reserved

Type Length Value

[145/146].cst.3.2 3 Reserved (deprecated by [145/146].cst.3.20)

Introduce a new subclause 11.13.18.3.3.18.

11.13.18.3.3.18 IP Type of Service

The value of this TLV specifies the matching parameters for the IP Type of Service (TOS) octet. The 6 MSBs shall be set to a Differentiated Service Codepoint (DSCP), as specified by RFC 2474, and the 2 LSBs shall be reserved and set to 0b00. The DSCP values are managed by IANA under the Differentiated Services Field Codepoints registry. If this field is omitted, then comparison of the IP packet TOS octet for this entry is irrelevant.

Type | Length | Value

[145/146].cst.3.20 | 1 | Bit #0 - Bit#1 reserved. Shall be set to 0b00 |
| Bit #2- Bit#7 DSCP value |

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Phillip Barber

Membership Status: Member

Date: 29-Oct-2008

Comment # A69

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 452 Line 54 Fig/Table# Subclause 6.3.21.2.2

I object to the resolution of comment 801

Rev2/D7 specification is vague regarding the behavior of the MS when the "HO Operation Mode" is set to 1 (Mandatory HO Request / Mandatory HO Response) in MOB_BSHO-REQ or MOB_BSHO-RSP message.

During MS initiated HO, the MS sends the MOB_MSHO-REQ message. When the BS concludes that the handover is needed, it sets the "HO Operation Mode" flag in its response to the MS (i.e., in MOB_BSHO-RSP message).

During BS initiated HO, when the BS concludes that the handover is required, it sets the "HO Operation Mode" flag in its Handover request to the MS, ie., in MOB_BSHO-REQ message.

The MOB_BSHO-REQ (during BS initiated HO) or MOB_BSHO-RSP (during MS initiated HO) SHALL contain a candidate BS list, and as per [1], this list SHALL contain at least one recommended BS.

Rev2/D7 specification is not clear in describing when the MS should choose a target BS from the candidate BS list, and when the MS can choose a target BS of its own choice, when it indicates a "Serving BS release" message (by setting HO-IND_Type to "0b00") to the serving BS. The specification is also not clear when should the MS respond with a MOB_HO-IND message with HO-IND_Type set to 0b10 (HO Reject) - is it when it is not able to choose any target BS at all? or is it when not being able to choose a target BS from the recommended t-BS list in the MOB_BSHO-REQ/MOB_BSHO-RSP message?

The following remedy attempts to clarify these aspects.

Filed on behalf of Peretz Feder

This comment supersedes a similar common I filed on behalf of Peretz for this same matter

Suggested Remedy

Accept the remedy proposed in C802.16maint-08/324

GroupResolution

Decision of Group: Disagree

Adopt C802.16maint-08/324r8

Reason for Group's Decision/Resolution

Proposed remedy is inconsistent with existing text.

Group's Notes

Question called on 08/324r8 : 17 in favor, 0 against, 0 abstentions

Result of vote to Adopt C802.16maint-08/324r8: 9 in favor 12 against, 0 abstentions

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Phillip Barber

Membership Status: Member

Date: 29-Oct-2008 16:00 EST

Comment # A70

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 325 Line 20 Fig/Table# Subclause 6.3.9.5.1

Corrections needed in the text:

"For OFDMA PHY, when the BS is FDD and the SS is H-FDD, then the SS shall always use Group 1 for all purposes for initial network entry."

The reason for the change:

Both SS types, H-FDD and F-FDD, have to use Group 1 at network entry. The change makes the requirement applicable to all FDD SS types. The second change (for -> of) is grammar correction.

Filed on behalf of Peretz Feder

Suggested Remedy

On page 325, line 20, modify the text as:

For OFDMA PHY, when the BS is FDD, <begin delete>and the SS is H-FDD, then<end delete> the SS shall always use Group 1 for all purposes <begin delete>for <end delete>of initial network entry.

GroupResolution

Decision of Group: Disagree

On page 325, line 20, replace the text:

For OFDMA PHY, when the BS is FDD and the SS is H-FDD, then the SS shall always use Group 1 for all purposes for initial network entry.

with:

For OFDMA PHY, the SS shall always use Group 1 for the purpose of initial network entry and re-entry until the basic capabilities exchange phase is complete.

Reason for Group's Decision/Resolution

The group decided that no changes are required to existing text.

Group's Notes

(11/12) deferred

Also resolves A103 (EC challenged that)

Result of vote to approve resolution: 5 in favor, 4 against, 0 abstentions

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Phillip Barber

Membership Status: Member

Date: 29-Oct-2008 16:00

Comment # A71

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type General Part of Dis ☒ Satisfied ☐ Page ? Line 19 Fig/Table# Subclause 11.1.3

I disagree with the resolution of comment 788.

Section 11.1.3 - MAC Version Encoding, is inadequate for two reasons:

(a) It uses a "MAY" language that will jeopardize interoperability of certain MS versions that comply with the same Standard version yet are different in capabilities due to practical (certification) issues. A stronger requirement is needed in order to assure proper negotiation (MS-BS) of common features and capabilities.

(b) Early implementation and certification configurations already indicate a problem of MS inter-version interoperability within the same 802.16 Standard revision. Unfortunately, the current value definitions of TLV 148 prove to be inadequate as well because they will not allow the BS to distinguish between different implementation sub-versions.

Filed on behalf of Peretz Feder

Suggested Remedy

(a) The "MAY" should be changed to "SHALL" and should apply to IEEE 802.16e-2005 and later revisions of the standard.

(b) The 1-byte TLV 148 field should be split into two fields, 4-bit each, such that the lower bits would preserve the current meaning and value assignments (in Rev2/D5), while the upper 4-bits should be designated for use by the authorized products certification entity (WiMAX Forum) to designate certification versions and releases.

Please see contribution C802.16maint-08/254 for proposed text changes.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

Proposal prohibits MS from using secure encryption subtypes.

Group's Notes

(11/12) Deferred

Vote to adopt 08/254r2: 0 in favor, 4 against, 0 abstentions.

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by: Phillip Barber Membership Status: Member Date: 29-Oct-2008 16:30:53

Comment # A72 Document under Review: P802.16Rev2/D7 Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 55 Fig/Table# Subclause 8.4.7.1

There are three signal definitions for the same behavior, line 55 to 60
Filed on behalf of Peretz Feder

Suggested Remedy
Delete line 55 to line 59

GroupResolution Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Phillip Barber

Membership Status: Member

Date: 29-Oct-2008
13:11:15 EST

Comment # A73

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

<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>
	Editorial	<input type="checkbox"/>	<input type="checkbox"/>	?	48		8.4.8.1.6

In Figure 276

STC of two antennas using directivity through four antennas shows wrong A0 input

Filed on behalf of Peretz Feder

Suggested Remedy

Change in Figure from
<Symbol Greek Phi>00
to
<Symbol Greek Phi>0

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Phillip Barber Membership Status: Member Date: 29-Oct-2008

Comment # A74 Document under Review: P802.16Rev2/D7 Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 19 Fig/Table# Subclause 8.4.8.7

In Figure 295, wrong 8.3.2.5 reference pointers in figure

Suggested Remedy

Line 19: replace 8.3.2.5 with 8.4.2.5
Line 24: replace 8.3 with 8.4

GroupResolution Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Phillip Barber

Membership Status: Member

Date: 29-Oct-2008
10:10:00 EDT

Comment # A75

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 60 Fig/Table# Subclause 8.4.9.2.3.2

In Table 526, the last 3 lines of table are not with the same formatting as the rest of the table.
Filed on behalf of Peretz Feder

Suggested Remedy

Format lines 60, 62, 64 columns 2 to 9 consistently with center positioning

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Erik Colban

Membership Status: Member

Date: 29-Oct-2008
10:10:00 EDT

Comment # A76

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page ? Line 36 Fig/Table# Subclause 11.21.4

The GPS Time TLV is encoded incorrectly and inefficiently

Suggested Remedy

Adopt contribution C802.16maint-08/308r2

GroupResolution

Decision of Group: Principle

Adopt contribution C802.16maint-08/308r4

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Erik Colban Membership Status: Member Date: 29-Oct-2008

Comment # A77 Document under Review: P802.16Rev2/D7 Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 257 Line 35 Fig/Table# Subclause 6.3.2.3.52

The encoding of the MBS DATA Time Diversity IE is inefficient

Suggested Remedy

Adopt contribution C802.16maint-08/323

GroupResolution Decision of Group: Principle

Adopt contribution C802.16maint-08/323r1

Reason for Group's Decision/Resolution

Group's Notes

(11/12) deferred

Editor's Notes Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Erik Colban

Membership Status: Member

Date: 29-Oct-2008
10:10:00 EDT

Comment # A78

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 41 Line 16 Fig/Table# Subclause 5.3

IEEE 802.16 standard specifies a Generic Packet Convergence Sub-layer (GPCS). This CS, as currently defined, can only be used for uni-cast services, and needs to be updated so tat it may be applied for MBS.

Suggested Remedy

Adopt contribution C802.16maint-08/322

GroupResolution

Decision of Group: Disagree

Adopt the last change in C802.16maint-08/322 (inclusion of outer-decoder row) to page 1310:

Reason for Group's Decision/Resolution

The group disagreed with the problem statement.

Group's Notes

deferred

result of vote on proposed resolution: 10 in favor, 6 against, 1 abstention

Duplicate of A20005

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Erik Colban

Membership Status: Member

Date: 29-Oct-2008
10:10:00 EDT

Comment # A79

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

<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>
	Editorial	<input type="checkbox"/>	<input type="checkbox"/>	480	34		6.3.22.1

The standard uses inconsistent spelling for the MBS Contents ID.

In some places Contents is capitalized, in others not.

In some places IDs is abbreviated and in others expanded to Identifier.

In some places IDs has a plural s, in others not.

In some place Contents has a plural s, in others not.

Suggested Remedy

Globally change all occurrences of MBS {C,c}ontent[s] I{D,dentifier}[s] to MBS Contents IDs

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-08/343r1

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Phillip Barber Membership Status: Member Date: 29-Oct-2008

Comment # A80 Document under Review: P802.16Rev2/D7 Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 62 Fig/Table# Subclause 8.4.9.6

typo
Filed on behalf of Peretz Feder

Suggested Remedy
Change "toal" with "total"

GroupResolution Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes Editor's Actions a) done

Comment by: Phillip Barber

Membership Status: Member

Date: 29-Oct-2008

Comment # A81

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment

Type Editorial

Part of Dis ☐

Satisfied ☐

Page ?

Line 43

Fig/Table#

Subclause 8.4.10.3.1

In Table 538, the format of the first column entries are not consistent with the other tables in Rev2 D7
Filed on behalf of Peretz Feder

Suggested Remedy

Replace:
QPSK 1/3
QPSK 1/2
QPSK 2/3
QPSK 3/4
with:
QPSK-1/3
QPSK-1/2
QPSK-2/3
QPSK-3/4

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Phillip Barber

Membership Status: Member

Date: 29-Oct-2008
13:00:53 EDT

Comment # A82

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 15 Fig/Table# Subclause 8.4.9.4.1

the abbreviation "IV" is used but without a definition
Filed on behalf of Peretz Feder

Suggested Remedy

Replace in page 1103, line 15 the term "IV" by the full wording "initialization vector" as already done on page 1102 line 42 (same subclause) and avoid a new abbreviation.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Maximilian Riegel

Membership Status: Member

Date: 29-Oct-2008
10:15:00 EDT

Comment # A83

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 245 Line 58 Fig/Table# Subclause 6.3.2.3.49

It seems that the draft D7 contains the enhanced Action Time field in the MOB_BSHO-RSP message including a list of one or more Action Time values. However this change is not backward compatible with legacy SSs, which are based on 802.16e and are not aware of 802.16Rev2's signaling.

Therefore, it is proposed to restore the single Action Time field in the MOB_BSHO-RSP message and put any additional HO Action Time values in an optional TLV.

Suggested Remedy

Adopt contribution C80216maint-08_331 or its latest revision.

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-08/331r2

Reason for Group's Decision/Resolution

Group's Notes

(11/11) Deferred.

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Maximilian Riegel

Membership Status: Member

Date: 29-Oct-2008
10:10:10 EDT

Comment # A84

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

<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>
	Technical	<input checked="" type="checkbox"/>	<input type="checkbox"/>	?			11.1.3

I'm not satisfied with the resolution of comment 788 submitted in July.

In addition, currently MS only learns about network configurations such as IPv4/v6 and Ethernet after being authenticated by the networks. This causes unnecessary signaling in the backhaul especially when the MS cannot support certain network configuration.

Suggested Remedy

Modify the DCD message to include information related to network configurations.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

No complete remedy provided.

Group's Notes

(11/11) deferred

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by: Maximilian Riegel

Membership Status: Member

Date: 29-Oct-2008
12:50:05 EDT

Comment # A85

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type General Part of Dis ☒ Satisfied ☐ Page 39 Line 18 Fig/Table# Subclause 5.2.4.2

IP headers may be included in the classification process for IEEE802.3/Ethernet. Unfortunately the specification misses one supported IP header field to reference (11.13.18.3.3.16 - IPv6 flow label). This seems to be caused by an editorial mistake in version D6.

Suggested Remedy

Change the following sentence to include IPv6 flow label attribute (line 18, page 39) from
In this case, only the IEEE 802.3/IEEE 802.1Q/IP (11.13.18.3.3.2 through 11.13.18.3.3.12) classification parameters are allowed.
to
In this case, only the IEEE 802.3/IEEE 802.1Q/IP (11.13.18.3.3.2 through 11.13.18.3.3.12 and 11.13.18.3.3.16) classification
parameters are allowed.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Phillip Barber

Membership Status: MemberDate: 29-Oct-2008Comment # A86Document under Review: P802.16Rev2/D7Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 90 Line 1 Fig/Table# Subclause 6.3.2.3.5

set of values and description for Ranging Purpose Indicator in RNG-REQ differ from those in the table of TLVs for RNG-REQ on page 1200, line 34.

Specifically, it appears that the instance of Ranging Purpose Indicator TLV on page 1200 includes a value for 'Bit 3: Ranging Request for Emergency Call Setup' missing from page 90.

Suggested Remedy

Modify the text on page 90, line 1 as:

Ranging Purpose Indication

The presence of this item in the message indicates the following MS action:

If Bit #0 is set to 1, in combination with a serving BSID, it indicates that the MS is currently attempting to HO or reentry; or, in combination with a Paging Controller ID, indicates that the MS is attempting network reentry from idle mode to the BS.

If Bit #1 is set to 1, it indicates that the MS is initiating the idle mode location update process.

Bit 2: Seamless HO indication. When this bit is set to 1 in combination with other included information elements, it indicates the MS is initiating ranging as part of seamless HO procedure.

<begin insert>

Bit 3: Ranging Request for Emergency Call Setup. When this bit is set to 1, it indicates MS action of Emergency Call Process.

Bits 4-7: Reserved

<end insert>

GroupResolutionDecision of Group: Principle

On page 90, line 1, modify the text as:

Ranging Purpose Indication

The presence of this item in the message indicates the following MS action:

If Bit #0 is set to 1, in combination with a serving BSID, it indicates that the MS is currently attempting to HO or reentry; or, in combination with a Paging Controller ID, indicates that the MS is attempting network reentry from idle mode to the BS.

If Bit #1 is set to 1, it indicates that the MS is initiating the idle mode location update process.

Bit 2: Seamless HO indication. When this bit is set to 1 in combination with other included information elements, it indicates the MS is initiating ranging as part of seamless HO procedure.

<begin insert>

Bit 3: Ranging Request for Emergency Call Setup. When this bit is set to 1, it indicates MS action of Emergency Call Process.

Bit 4: MBS update. When this bit is set to 1, the MS is currently attempting to perform location update due to a need to update service flow management encodings for MBS flows.

Bits 5-7: Reserved
<end insert>
Delete page 91, lines 1-8.

Page 99, line 32 needs to change. Replace:

<delete> "The target BS recognizes an MS performing location update for MBS zone update by the presence of a paging controller ID, ranging purpose indication with Bit#1 set to 1, and an MBS update in the RNG-REQ." </delete><insert>"The target BS recognizes an MS performing location update for MBS update by the presence of a Paging Controller ID and Ranging Purpose Indication with Bit#4 set to 1 in the RNG-REQ message."</insert>

On page 488, line 47, modify the text as:
If location update is used when an idle MS with an active multi-BS MBS service flow enters a new MBS Zone, then the MS shall <begin delete>include MBS update TLV<end delete><begin insert>also set bit#4 of Ranging Purpose Indication TLV<end insert> in RNG-REQ<begin insert> to a value of '1'<end insert>.

On page 488, line 58, modify the text as:
Upon receiving RNG-REQ with <begin delete>MBS update TLV<end delete><begin insert>a Ranging Purpose Indication TLV with bit#4 set to a value of '1'<end insert>, the BS shall include CID_Update TLV in RNG-RSP and shall include at least the SFID, Multicast CID, MBS Zone Identifier Assignment parameter, and may include MBS contents IDs, for any multi-BS-MBS service flow for which the MBS Zone has changed.
On page 1200, line 34, in Table 577, modify the 'Value' for Ranging Purpose Indication as:
Bit 0: HO indication (when this bit is set to 1 in combination with other included information elements indicates

Reason for Group's Decision/Resolution

Group's Notes
duplicate of A87

<u>Editor's Notes</u>	<u>Editor's Actions</u>	b) none needed
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Comment by:

Phillip Barber

Membership Status: MemberDate: 29-Oct-2008Comment # A87Document under Review: P802.16Rev2/D7Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 91 Line 1 Fig/Table# Subclause 6.3.2.3.5

MBS update on page 91, in RNG-REQ is not in table 577, page 1200, the summary list of RNG-REQ TLVs. Also, MBS update has not been allocated a type number or length.

The simplest remedy is to just add the missing MBS update TLV to Table 577.

But in reviewing this MBS update TLV, something added as part of the REV2 process, we have perhaps a better, less overhead costly alternative: modify the Ranging Purpose Indication TLV that is already sent in such Location Update message to incorporate the purpose of the MBS update TLV indication, thus saving four bytes of overhead. Acceptance of this remedy would supersede the remedy of fixing the Ranging Purpose Indication TLV mismatch from page 90 and 1200, alone.

Alternately, we could simply add MBS Update TLV to Table 577.

Suggested Remedy

On page 90, line 1, modify the text as:

Ranging Purpose Indication

The presence of this item in the message indicates the following MS action:

If Bit #0 is set to 1, in combination with a serving BSID, it indicates that the MS is currently attempting to HO or reentry; or, in combination with a Paging Controller ID, indicates that the MS is attempting network reentry from idle mode to the BS.

If Bit #1 is set to 1, it indicates that the MS is initiating the idle mode location update process.

Bit 2: Seamless HO indication. When this bit is set to 1 in combination with other included information elements, it indicates the MS is initiating ranging as part of seamless HO procedure.

<begin insert>

Bit 3: Ranging Request for Emergency Call Setup. When this bit is set to 1, it indicates MS action of Emergency Call Process.

Bit 4: MBS update. When this bit is set, the MS is currently attempting to perform location update due to a need to update service flow management encodings for MBS flows.

Bits 5-7: Reserved

<end insert>

Delete page 91, lines 1-8.

On page 488, line 47, modify the text as:

If location update is used when an idle MS with an active multi-BS MBS service flow enters a new MBS Zone, then the MS shall <begin delete>include MBS update TLV<end delete><begin insert>also set bit#4 of Ranging Purpose Indication TLV<end insert> in RNG-REQ<begin insert> to a value of '1'<end insert>.

On page 488, line 85, modify the text as:

Upon receiving RNG-REQ with <begin delete>MBS update TLV<end delete><begin insert>a Ranging Purpose Indication TLV with bit#4 set to a value of '1'<end insert>, the BS shall include CID_Update TLV in RNG-RSP and shall include at least the SFID, Multicast CID, MBS Zone Identifier Assignment parameter, and may include MBS contents IDs, for any multi-BS-MBS service flow for which the MBS

Zone has changed.

On page 1200, line 34, in Table 577, modify the 'Value' for Ranging Purpose Indication as:

Bit 0: HO indication (when this bit is set to 1 in combination with other included information elements indicates the MS is currently attempting to HO or network reentry from idle mode to the BS)

Bit 1: Location update request (when this bit is set to 1, it indicates MS action of idle mode location update process)

Bit 2: Seamless HO indication (when this bit is set to 1 in combination with other included information elements indicates the MS is currently initiating ranging as part of the seamless HO procedure)

Bit 3: Ranging Request for Emergency Call Setup (when this bit is set to 1, it indicates MS action of Emergency Call Process)

<begin insert>

Bit 4: MBS update. When this bit is set, the MS is currently attempting to perform location update due to a need to update service flow management encodings for MBS flows.

<end insert>

Bits <begin delete>4<end delete><begin insert>5<end insert>-7: Reserved

GroupResolution

Decision of Group: Principle

On page 90, line 1, modify the text as:

Ranging Purpose Indication

The presence of this item in the message indicates the following MS action:

If Bit #0 is set to 1, in combination with a serving BSID, it indicates that the MS is currently attempting to HO or reentry; or, in combination with a Paging Controller ID, indicates that the MS is attempting network reentry from idle mode to the BS.

If Bit #1 is set to 1, it indicates that the MS is initiating the idle mode location update process.

Bit 2: Seamless HO indication. When this bit is set to 1 in combination with other included information elements, it indicates the MS is initiating ranging as part of seamless HO procedure.

<begin insert>

Bit 3: Ranging Request for Emergency Call Setup. When this bit is set to 1, it indicates MS action of Emergency Call Process.

Bit 4: MBS update. When this bit is set to 1, the MS is currently attempting to perform location update due to a need to update service flow management encodings for MBS flows.

Bits 5-7: Reserved

<end insert>

Delete page 91, lines 1-8.

Page 99, line 32 needs to change. Replace:

<delete> "The target BS recognizes an MS performing location update for MBS zone update by the presence of a paging controller ID, ranging purpose indication with Bit#1 set to 1, and an MBS update in the RNG-REQ." </delete><insert>"The target BS recognizes an MS performing location update for MBS update by the presence of a Paging Controller ID and Ranging Purpose Indication with Bit#4 set to 1 in the RNG-REQ message."</insert>

On page 488, line 47, modify the text as:
If location update is used when an idle MS with an active multi-BS MBS service flow enters a new MBS Zone, then the MS shall <begin delete>include MBS update TLV<end delete><begin insert>also set bit#4 of Ranging Purpose Indication TLV<end insert> in RNG-REQ<begin insert> to a value of '1'<end insert>.

On page 488, line 58, modify the text as:
Upon receiving RNG-REQ with <begin delete>MBS update TLV<end delete><begin insert>a Ranging Purpose Indication TLV with bit#4 set to a value of '1'<end insert>, the BS shall include CID_Update TLV in RNG-RSP and shall include at least the SFID, Multicast CID, MBS Zone Identifier Assignment parameter, and may include MBS contents IDs, for any multi-BS-MBS service flow for which the MBS Zone has changed.

On page 1200, line 34, in Table 577, modify the 'Value' for Ranging Purpose Indication as:
Bit 0: HO indication (when this bit is set to 1 in combination with other included information elements indicates

Reason for Group's Decision/Resolution

Group's Notes

<u>Editor's Notes</u>	<u>Editor's Actions</u>	a) done
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2008/08/01

IEEE 802.16-08/054r3

Comment by:

Phillip Barber

Membership Status: Member

Date: 29-Oct-2008

Comment # A88

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 47 Fig/Table# Subclause 11.7.8

When 11.13.39 Group DSx was added as a feature, no capability negotiation was added to differentiate feature support. Given that Group DSx applies to both DSA and DSC messaging in all instances, the lack of capability negotiation for this feature creates a backwards compatability problem. The remedy is simple: add a capability negotiation.

Suggested Remedy

On page 1215, line 47, add a new subclause:

11.7.8.11 Group DSx supported

The Group DSx supported TLV indicates if Group parameter Create/Change TLV (11.13.39) is supported.

SSs and BSs that support the Group parameter Create/Change TLV shall identify themselves by including this Group DSx supported TLV. For each bit, a value of 0 indicates "not supported" while 1 indicates "supported".

<editor to create table with the following contents>

Type

49

Length

1

Value

Bit#0: Indicates support for Group parameter Create/Change TLV (11.13.39)

Bit#1-#7: Reserved

Scope

REG-REQ, REG-RSP

<editor to add 'Group DSx supported' with Type value '49' to the summary table on page 1208>

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Phillip Barber

Membership Status: MemberDate: 29-Oct-2008Comment # A89Document under Review: P802.16Rev2/D7Ballot ID: sb_16Rev2a

<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>?</u>	<u>Line</u>	<u>27</u>	<u>Fig/Table#</u>	<u>Subclause</u>	<u>11.7.8.9</u>
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The type value '24' for the recently added '11.7.8.9 Co-located coexistence capability supported' is duplicate of the existing '11.7.9 CID Update Encodings field'.

Same problem with 'H-FDD sleep capabilities'. The type value '25' for the recently added '11.7.8.10 H-FDD sleep capabilities' is duplicate of the existing '11.7.9.1 Compressed CID Update Encodings field'.

Also, the new TLVs 'Co-located coexistence capability supported' and 'H-FDD sleep capabilities' are missing from the summary table on page 1208.

Suggested Remedy

On page 1215, line 27, in the table, change the Type value from:

24

to:

50

On page 1215, line 43, in the table, change the Type value from:

25

to:

51

<editor to add TLVs 'Co-located coexistence capability supported' with Type value '50', and 'H-FDD sleep capabilities' with Type value '51' to the summary table on page 1208>

GroupResolution**Decision of Group: Principle**

On page 1215, line 27, in the table, change the Type value from:

24

to:

49

On page 1215, line 43, in the table, change the Type value from:

25

to:

50

<editor to add TLVs 'Co-located coexistence capability supported' with Type value '49', and 'H-FDD sleep capabilities' with Type value '50' to the summary table on page 1208>

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

Editor found it necessary to shift updated Type values by 1 to avoid conflict with newly added Group DSx supported

2008/08/01

IEEE 802.16-08/054r3

Comment by: Phillip Barber

Membership Status: Member

Date: 29-Oct-2008

Comment # A90

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 1 Fig/Table# Subclause Annex G

Most of this has been incorporated into Clause 1.4.4, so it is duplicative and unnecessary to have the information here in the document. Also, the figures and tables in the section bear the incorrect identifier of 'H.x'

Suggested Remedy

Delete Annex G, pages 1963 through 1966.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

2008/08/01

IEEE 802.16-08/054r3

Comment by: Phillip Barber

Membership Status: Member

Date: 29-Oct-2008 18:00:00

Comment # A91

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 31 Line 35 Fig/Table# Subclause 5.2

I object to the resolution of comment 665.

Logical Channel IDs implementation still broken in the standard. This must be either removed or fixed before the standard is complete. Cannot simply leave it broken and un-implementable.

Suggested Remedy

Either remove references for Logical Channel ID or adopt C802.16maint-08/224r6 or its successor

GroupResolution

Decision of Group: Disagree

adopt C802.16maint-08/224r6

Reason for Group's Decision/Resolution

The group felt that the preferred remedy was not complete.

Group's Notes

(11/11) deferred

Result of vote to adopt C802.16maint-08/224r6: 3 for, 7 against, 1 abstention

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by: Phillip Barber

Membership Status: Member

Date: 29-Oct-2008 18:00:00

Comment # A92

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 44 Line 58 Fig/Table# Subclause 5.4

I object to the resolution of comments 705, 795 and 798.

Suggested Remedy

Implement the changes in C802.16maint-08/293 or its latest revision, or C802.16maint-08/293 or its latest revision

GroupResolution

Decision of Group: Disagree

Adopt the last change in C802.16maint-08/322 (inclusion of outer-decoder row) to page 1310:

Reason for Group's Decision/Resolution

The group disagreed with the problem statement.

Group's Notes

(11/11) resolve based on the resolution for A78.

A78 and A20005 were given a recommendation of "disagree". Need Phil to agree to recommendation.

Editor's Notes

Editor's Actions b) none needed

Comment by:

Michael Probasco

Membership Status: MemberDate: 29-Oct-2008Comment # **A93**Document under Review: **P802.16Rev2/D7**Ballot ID: **sb_16Rev2a**

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page ? Line 27 Fig/Table# Subclause 11.13

I'm not satisfied with the resolution of comment 707 submitted in July.

Currently there is no method defined for the MS to signal to the BS regarding the emergency call set up via existing or new service flows.

The priority indication should handle the following scenarios:

- Service flow creation: MS starts to create service flow (DSA-REQ) for the emergency services. A new TLV is included into DSA-REQ to indicate that the flow is for emergency services. This TLV triggers the BS to provide high priority to the request. The exiting from the emergency mode is done by deleting emergency service flows.

- Service flow change: MS requests to change the parameters of one of the existing service flow in order to support emergency call.

This can be achieved using DSC-REQ message and the new TLV can be used to indicate an emergency call.

Suggested Remedy

Accept the following changes.

Change #1:

Replace the entry "Reserve" with "Emergency Indication" for Type 10 parameter in Table 601 -- Service Flow Encodings (page 1286)

Change #2:

Insert the new sub-section at the end of Section 11.13 as follows

11.13.x Priority Indication

The value of this TLV, if present, indicates the associated flow is used for emergency purposes. The priority indication parameter shall take precedence over any conflicting service flow QoS parameter. The BS should give priority to the service flows having priority indication set to one over other flows that do not contain priority indication TLV or do not have priority indication set to one.

| Type | Length | Value | Scope |

[145/146].10	1	Bit 0: Emergency indication	DSA/DSC-REQ
	Bit 1-7: Reserved	DSA/DSC-RSP	
		DSA/DSC-ACK	

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-08/349

Reason for Group's Decision/Resolution

Group's Notes

(11/11) deferred

Editor's Notes

Editor's Actions

a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Michael Probasco

Membership Status: Member

Date: 29-Oct-2008
10:11:10 EDT

Comment # **A94**

Document under Review: P802.16Rev2/D7

Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u>	<u>Technical</u>	<u>Part of Dis</u>	<input checked="" type="checkbox"/>	<u>Satisfied</u>	<input type="checkbox"/>	<u>Page</u>	<u>245</u>	<u>Line</u>	<u>58</u>	<u>Fig/Table#</u>	<u>Subclause</u>	<u>6.3.2.3.49</u>
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It seems that the draft D7 contains the enhanced Action Time field in the MOB_BSHO-RSP message including a list of one or more Action Time values. However this change is not backward compatible with legacy SSs, which are based on 802.16e and are not aware of 802.16Rev2's signaling.

Therefore, it is proposed to restore the single Action Time field in the MOB_BSHO-RSP message and put any additional HO Action Time values in an optional TLV.

Suggested Remedy

Adopt contribution C80216maint-08_331 or its latest revision.

GroupResolution

Decision of Group: **Principle**

Adopt C802.16maint-08/331r2

Reason for Group's Decision/Resolution

Group's Notes

duplicate of a83

Editor's Notes

Editor's Actions

b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Michael Probasco

Membership Status: Member

Date: 29-Oct-2008
10:11:00 EDT

Comment # A95

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 710 Line Fig/Table# Subclause 8.4.4.1

According to the clarifications made to FDD frame structure in draft D7, the current FDD frame structure allows both half-duplex and full-duplex FDD MS to operate simultaneously in the network. While it is possible that the BS treats full-duplex MS as half-duplex MS by allocating resources in only one group, full-duplex MS normally has to read and decode both group MAPs and unnecessarily consumes additional power. Bandwidth allocation support TLV may be used to indicate to MS that the BS intends to use the H-FDD mode.

Suggested Remedy

[Add the following sentence to the end of first paragraph in Sec 11.8.1 Bandwidth Allocation Support]

If the BS indicates Half-Duplex capability (Bit#1 = 0) during SBC-RSP, full-duplex MS shall operate in the H-FDD mode and follow H-FDD procedures as outlined in Section 8.4.4.1.

GroupResolution

Decision of Group: Principle

[Add the following sentence to the end of first paragraph in Sec 11.8.1 Bandwidth Allocation Support]

<insert>If the BS indicates Half-Duplex capability (Bit#1 = 0) during SBC-RSP, a full-duplex MS shall operate as an H-FDD MS and follow H-FDD procedures (see 8.4.4.1).</insert>

Reason for Group's Decision/Resolution

Group's Notes

(11/11 deferred)

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sean Mcbeath

Membership Status: Member

Date: 29-Oct-2008
13:00:05 EDT

Comment # A96

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 738 Line 45 Fig/Table# Subclause 8.4.5.3.2

There is no introductory text for the newly added Extended-3 DIUC/UIUC code space.

Suggested Remedy

Adopt contribution IEEE C802.16maint-08/338

GroupResolution

Decision of Group: Principle

Adopt contribution IEEE C802.16maint-08/338r1 and IEEE C802.16maint-08/350

Reason for Group's Decision/Resolution

Group's Notes

(11/11) deferred pending an improved contribution

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Zhifeng Tao

Membership Status: Member

Date: 29-Oct-2008
12:01:53 EDT

Comment # A97

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

<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>
	Technical	<input checked="" type="checkbox"/>	<input type="checkbox"/>	?	1		11.3.1

The current Rev2 draft does not provide sufficient support for frequency shift repeater.

Suggested Remedy

Adopt the solution described in contribution C80216maint-08_333, C80216maint-08_335 and C80216maint-08_336 or their subsequent revision as a remedy.

GroupResolution

Decision of Group: Disagree

Adopt C80216maint-08_333r4, C80216maint-08_335r4 and C80216maint-08_336r4

Reason for Group's Decision/Resolution

the change incurs problematic operation of legacy equipment

Group's Notes

(11/11) deferred

Adopt C80216maint-08_333r4, C80216maint-08_335r4 and C80216maint-08_336r4 ; 12 in favor, 13 opposed, no abstentions

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Zhifeng Tao

Membership Status: Member

Date: 29-Oct-2008
13:01:53 EDT

Comment # A98

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 91 Line 36 Fig/Table# Subclause 6.3.2.3.6

Several issues about load balancing are still not clear in the current draft of Rev2.

Suggested Remedy

Adopt the clarification described in contribution C80216maint-08_237 or its subsequent revision as a remedy.

GroupResolution

Decision of Group: Disagree

Adopt C80216maint-08_337r4

Reason for Group's Decision/Resolution

Applicability is to a very narrow range of deployments and incurs backwards compatibility problems.

Group's Notes

(11/11) deferred.

result of vote to Adopt C80216maint-08_337r4: 8 in favor, 12 against, 1 abstention

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Wee Peng Goh

Membership Status: Member

Date: 29-Oct-2008

Comment # A99

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 63 Fig/Table# Subclause 11.13.33

Comment #719 in ballot 802.16Rev2R0 is not resolved to my satisfaction. The problem is that when HARQ channel mapping TLV is absence in the REQ but appear in RSP message or vice versa, the connection creation should not assume that all HARQ channels can be used.

Suggested Remedy

replace the section starting on page 1314, line 63 to page 1315, line 13 with:

This TLV is valid only for HARQ-enabled connections. It specifies the set of HARQ channels for carrying data on this connection acceptable to the sender of this TLV. A HARQ channel may be shared by more than one connection. The absence of this TLV in any of the REQ or RSP messages relevant for the connection creation means that the sender of the message accepts that all HARQ channels may be used by this connection. Only HARQ channels that both entities accept may be used for the connection. The relevance of this parameter when it appears in the SBC-REQ/RSP messages is the Basic, Primary, and Secondary connections. HARQ Channel mapping is enabled independently in the UL and DL directions. For the UL management connections, this TLV is encapsulated in the compound UL service flow TLV Type = 145. For the DL management connections, this TLV is encapsulated in the compound DL service flow TLV Type = 146.

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-08/348

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Wee Peng Goh

Membership Status: MemberDate: 29-Oct-2008Comment # A100Document under Review: P802.16Rev2/D7Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 452 Line 19 Fig/Table# Subclause 6.2.21.2

Comment #724 in ballot 802.16Rev2R0 is not resolved to my satisfaction. The problem is that in section 6.3.21.2, "HO Cancellation--An MS may cancel HO via MOB_HO-IND message at any time prior to expiration of Resource_Retain_Time interval after transmission of MOB_MSHO-REQ (in case of MS initiated HO) or MOB_BSHO-REQ (in case of BS initiated HO)." The section indicates that MS can cancel the handover before expiration of the Resource_Retain_Timer. However, it does not make sense to start the resource_retain_timer on MOB_MSHO-REQ or MOB_BSHO-REQ as suggested in the text. Furthermore, in Section 6.3.21.2.5 the standard (Rev2/D7) says: "If the HO_IND_type field specifies serving BS release, the BS shall start the Resource retain timer from value Resource_Retain_Time provided by BS in REG-RSP, BSHO-REQ, or BSHO-RSP messages." Also, in section 11.15.1 Resource_Retain_Time, the standard says "If this value is set to 0, the serving BS shall retain the MS's connection information during Resource Retain Time negotiated at early registration stage. If this value is set to nonzero, it is the proposed Resource Retain Time by serving BS and the serving BS shall retain the MS's connection information during that time after reception of MOB_HO-IND message (HO_IND_type=0b00)" These sections seem to imply that the resource_retain-timer should start upon transmission of MOB_HO-IND.

Suggested Remedy

On p. 449, line 17, insert at end of paragraph:

"The MS may send a MOB_HO-IND with HO_IND_type set to 0b00 (Serving BS release) in which case it shall start a timer set to the Resource_Retain_Time. Upon receiving this message, the serving BS shall stop communication with the MS, cash the context for the MS, and start a timer set to the Resource_Retain_Time. If the MS does not return to the serving BS prior to the expiration of this timer, the BS may purge the MS's context."

On page 450, line 19, modify paragraph as follows.

HO Cancellation--An MS may cancel HO via MOB_HO-IND message at any time <delete>prior to expiration of Resource_Retain_Time interval </delete> after transmission of MOB_MSHO-REQ (in case of MS initiated HO) or MOB_BSHO-REQ (in case of BS initiated HO) <insert>and, if the MS has sent a MOB_HO-IND message with HO_IND_type set to 0b00, prior to the expiration of the Resource_Retain_Time interval. </insert>

On page 455, line 41, modify the paragraph as follows:

<delete>After an MS or BS has initiated an HO using either MOB_MSHO-REQ or MOB_BSHO-REQ message, the MS may cancel HO at any time. </delete> <insert>An MS may cancel HO at any time after transmission of MOB_MSHO-REQ (in case of MS initiated HO) or MOB_BSHO-REQ (in case of BS initiated HO) and, if the MS has sent a MOB_HO-IND message with HO_IND_type set to 0b00, prior to the expiration of the Resource_Retain_Time interval. </insert>

GroupResolutionDecision of Group: Disagree

Standard is sufficiently clear.

Reason for Group's Decision/Resolution

Group's Notes

Result of vote to approve: 4 in favor, 4 against

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by: Wee Peng Goh

Membership Status: Member

Date: 29-Oct-2008
12:05:15 EDT

Comment # **A101**

Document under Review: **P802.16Rev2/D7**

Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 42	<u>Fig/Table#</u>	<u>Subclause</u> 8.4.8.5
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In ballot 802.16Rev2R0, comment #800 to modify the equation mid_amble_carrier_set on page 1055 is accepted. However, there are two equations in that section and only one of them has been changed. Similar to the equation on line 8, the equation on line 42 for mid_amble_carrier_set consist of the term Nused/2 which would lead to a non-integer number if the Nused value is odd. According to section 8.4.6.1.2.1 and 8.4.6.3, the N_used which includes DC tone is always odd number for all FFT sizes. So the term (-N_used/2) is not an integer for above equation.

Similarly, on page 1056, line 36 through 52 in section 8.4.8.5.2, the Nused term needs to be modified.

Suggested Remedy

On page 1055, line 42, mid_amble_carrier_set equation,
Replace N_used/2 with (N_used-1)/2

On page 1056 line 35 and line 47, change Nused to Nused-1.

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-08/346r1

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Wee Peng Goh

Membership Status: Member

Date: 29-Oct-2008
13:05:15 EDT

Comment # A102

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 30 Fig/Table# Subclause 8.4.8.5.2.1

IDcell 9 to 15 in table 506 ("PAPR reduction sequence for BS with 2 antennas (512-FFT)") have different number of hexadecimal digits from other IDcell. For instance, IDcell 0 has a sequence of "C88B5B" whereas IDcell 9 has a sequence of "4E1401A862B5". According to a contribution C802.16e-04/290r2, the right value is shown in the remedy.

Suggested Remedy

Please modify IDCELL 9 to 15 with the following:

IDCELL SEQUENCE

9 6C86BB
10 0211D9
11 4A0178
12 71E762
13 3EBA79
14 8CF2B6
15 F052BB

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Wee Peng Goh

Membership Status: Member

Date: 29-Oct-2008
13:05:15 EDT

Comment # A103

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 325 Line 20 Fig/Table# Subclause 6.3.9.5.1

In section 6.3.9.5.1, it is not clear which group a MS should join during handover process.

Suggested Remedy

Please insert the text as indicated:

For OFDMA PHY, when the BS is FDD and the SS is H-FDD, then the SS shall always use Group 1 for all purposes for initial network entry <insert>and handover.</insert>"

GroupResolution

Decision of Group: Principle

Please insert the text as indicated:

For OFDMA PHY, when the BS is FDD and the SS is H-FDD, then the SS shall always use Group 1 for all purposes for initial network entry <insert>and re-entry.</insert>"

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Wee Peng Goh

Membership Status: Member

Date: 29-Oct-2008
13:02:15 EDT

Comment # A104

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 55 Fig/Table# Subclause 11.3.1

In Table 567, normalized C/N override 2, the text says that the LSB byte shall be interpreted as signed integer in dB, and the following nibbles, interpreted as a signed integer also, represents the difference in normalized C/N relative to the previous line in the table. However, the standard does not define the unit for the nibble.

Suggested Remedy

Please male the changes as follows:

The nibbles correspond <insert> to the </insert> <delete>in</delete> order <delete>to <\delete> <insert>of</insert> the list define by Table 538, starting from the second line (counting except for the header cell of table), so that the LS nibble of the least significant byte corresponds to the second line in the table. The number encoded by each nibble represents the difference in normalized C/N relative to the previous line in the table<insert> and shall be interpreted as signed integer in dB </insert>.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Phillip Barber

Membership Status: Member

Date: 29-Oct-2008
2008-10-29T10:00:00Z

Comment # A105

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 376 Line 27 Fig/Table# Subclause 6.3.14.4.1

The language in the section is inaccurate and misleading:

"Global service class name is a rules-based, composite name parsed in a variable number of information fields of format ISBRLSPS1S2L1S3S4S5R, elements reference extensible lookup tables."

In fact the format varies substantially in format and length.

Suggested Remedy

On page 376, line 27, modify the sentence as:

Global service class name is a rules-based, composite name parsed in a variable number of information fields of format<begin insert>, <end insert><begin delete>ISBRLSPS1S2L1S3S4S5R, <end delete>

<begin insert><begin indent>

for l=1, format is ISBRLSPS1R and length is five bytes

for l=0 and S2=0 or 1, format is ISBRLSPS1S2R and length is five bytes

for l=0 and S2=2 or 3, format is ISBRLSPS1S2S3R and length is six bytes

for l=0 and S2=4, format is ISBRLSPS1S2S3S5R and length is six bytes

for l=0 and S2=5, format is ISBRLSPS1S2L1S3S4R and length is seven bytes

for l=0 and S2=6, format is ISBRLSPS1S2L1S4R and length is seven bytes

<end indent>

where <end insert>elements reference extensible lookup tables.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Phillip Barber

Membership Status: MemberDate: 29-Oct-2008Comment # **A106**Document under Review: **P802.16Rev2/D7**Ballot ID: **sb_16Rev2a**

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 455 Line 44 Fig/Table# Subclause 6.3.21.2.3

The following language in the standard is un-implementable and therefore must be fixed/removed:

"The cancellation shall be made through transmission of a MOB_HO-IND message that signals the HO cancel option (HO_IND_type = 0b01). If the MS is capable of detecting that the MOB_HO-IND message has been lost (through some implementation specific mechanism, for example by use of a timer), the MS may react as if it detected a drop during HO and apply the procedures specified in section 6.3.21.2.6."

This is preposterous as there can be no timer since the transmission of HO_IND has no required acknowledgement, thus the MS would be forced to delay handover without any opportunity for acknowledgement that the HO_IND was received by the BS. There are potential methods that could be used to determine if the HO_IND were received, directly through HARQ if enabled for the control message, and indirectly by the MS waiting some period of time to see if the BS makes downlink unicast transmissions to the MS or schedules UL grants for the MS, thus indicating that the BS does not believe the MS has transitioned to a handover state. But those methods are ENTIRELY implementation dependent and do not in any way affect deterministic, interoperable behavior. That is the MS could use those methods without the knowledge of the BS and it would not affect interoperable performance. Thus it is unnecessary to specify the behavior in this standard.

In any event, the language in 6.3.21.2.6 makes it clear that the MS and BS can invoke the behavior 6.3.21.2.6 at anytime upon detection of a drop.

Suggested Remedy

On page 455, line 44, modify the text as:

The cancellation shall be made through transmission of a MOB_HO-IND message that signals the HO cancel option (HO_IND_type = 0b01). <begin delete>If the MS is capable of detecting that the MOB_HO-IND message has been lost (through some implementation specific mechanism, for example by use of a timer), the MS may react as if it detected a drop during HO and apply the procedures specified in section 6.3.21.2.6.<end delete>

GroupResolution

Decision of Group: **Disagree**

On page 455, line 44, modify the text as:

The cancellation shall be made through transmission of a MOB_HO-IND message that signals the HO cancel option (HO_IND_type = 0b01). <begin delete>If the MS is capable of detecting that the MOB_HO-IND message has been lost (through some implementation specific mechanism, for example by use of a timer), the MS may react as if it detected a drop during HO and apply the procedures specified in section 6.3.21.2.6.<end delete>

and adopt C802.16maint-08/344r4

Reason for Group's Decision/Resolution

Standard is clear.

Group's Notes

Result of vote: 13 in favor, 10 opposed, 2 abstentions

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by: Hassan Yaghoobi

Membership Status: Member

Date: 29-Oct-2008 23:00:50 EST

Comment # **A107**

Document under Review: **P802.16Rev2/D7**

Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> General	<u>Part of Dis</u> <input checked="" type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 57	<u>Fig/Table#</u>	<u>Subclause</u> 11.4.1
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Cell type is a feature defined in 802.16REV2 which the MS should consider in its cell selection. However the details of how such cell type should be used are left to implementation.

Given the need to support femtocells in early deployment of 802.16REV2 based networks, and operators' requirements for femtocells with closed subscriber groups (CSG), one needs to identify such femtocell BS's to MS's to avoid undesired access and handover to such BS's from users outside CSG.

Suggested Remedy

This proposal suggests the use of existing Cell Type to provide basis support for restricted access to private and semi-private femtocell BS's.

Please accept proposed change in C80216maint-08_339.doc or its latest version.

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-08/339r3

Reason for Group's Decision/Resolution

Group's Notes

(11/12) deferred

Editor's Notes

Editor's Actions a) done

Comment by:

Aik Chindapol

Membership Status: MemberDate: 29-Oct-2008Comment # **A108**Document under Review: **P802.16Rev2/D7**Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input checked="" type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u>	<u>Fig/Table#</u>	<u>Subclause</u> 11.13
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I'm not satisfied with the resolution of comment 830 submitted in July.

Currently there is no method defined for the MS to signal to the BS regarding priority access or emergency set up via existing or new service flows.

The priority indication should handle the following scenarios:

- Service flow creation: MS starts to create service flow (DSA-REQ) for the emergency services. A new TLV is included into DSA-REQ to indicate that the flow is for emergency services. This TLV triggers the BS to provide high priority to the request. The exiting from the emergency mode is done by deleting emergency service flows.

- Service flow change: MS requests to change the parameters of one of the existing service flow in order to support emergency call.

This can be achieved using DSC-REQ message and the new TLV can be used to indicate an emergency call.

Suggested Remedy

Accept the following changes.

Change #1:

Replace the entry "Reserve" with "Emergency Indication" for Type 10 parameter in Table 601 -- Service Flow Encodings (page 1286)

Change #2:

Insert the new sub-section at the end of Section 11.13 as follows

11.13.x Priority Indication

The value of this TLV, if present, indicates the associated flow is used for emergency purposes. The priority indication parameter shall take precedence over any conflicting service flow QoS parameter. The BS should give priority to the service flows having priority indication set to one over other flows that do not contain priority indication TLV or do not have priority indication set to one.

 | Type | Length | Value | Scope |

[145/146].10	1	Bit 0: Emergency indication	DSA/DSC-REQ
	Bit 1-7: Reserved	DSA/DSC-RSP	
		DSA/DSC-ACK	

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-08/349

Reason for Group's Decision/Resolution

Group's Notes

<u>Editor's Notes</u>	<u>Editor's Actions</u>
	b) none needed

Comment by:

Aik Chindapol

Membership Status: MemberDate: 29-Oct-2008Comment # **A110**Document under Review: **P802.16Rev2/D7**Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input checked="" type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> 209	<u>Line</u>	<u>Fig/Table#</u>	<u>Subclause</u> 6.3.2.3.44
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There is an inconsistency in Table 147 MOB_SCN_RSP. Specifically, the field N_Recommended_BS_Index is defined as

"Number of neighboring BS to be scanned or associated, which are using BS index that corresponds to the position of BS in MOB_NBR-ADV message.

If N_Recommended_BS_Index, N_Recommended_BS_Full, Use_Nbr_Bitmap_Index, and Use_Req_Bitmap_Index are set to 0, the BS recommends the MS scan all neighbors listed in the MOB_NBR-ADV message. MS may scan a sub-set of the list."

However the following field contains this definition:

```
If(N_Recommended_BS_Index != 0){
Configuration change count for MOB_NBR-ADV
}
```

So it is not possible to specify the Configuration Change Count when N_Recommended_BS_Index, N_Recommended_BS_Full, Use_Nbr_Bitmap_Index, and Use_Req_Bitmap_Index are set to 0.

Suggested Remedy

Change the following entry in Table 147 pag.209 line 42 from

```
If(N_Recommended_BS_Index != 0){
```

to

```
If( (N_Recommended_BS_Index != 0) or (N_Recommended_BS_Index = N_Recommended_BS_Full = Use_Nbr_Bitmap_Index = Use_Req_Bitmap_Index = 0)){
```

GroupResolution

Decision of Group: Principle

Reason for Group's Decision/Resolution

The comment author, Aik Chindapol, was present during ballot comment resolution at session 58 in Dallas, Texas. Aik agreed during ballot resolution that the comment should be marked "principle" and considered as withdrawn.

Group's Notes

(11/12) Deferred

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Aik Chindapol

Membership Status: Member

Date: 29-Oct-2008
2008-10-29T

Comment # A111

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input checked="" type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> 449	<u>Line</u>	<u>Fig/Table#</u>	<u>Subclause</u> 6.3.21.2
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The following TLVs contain ambiguous byte ordering and should be replaced with bitwise definition.

Suggested Remedy

Accept changes proposed in C802.16maint-08/326 revision.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

see A60 and A20048

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Aik Chindapol

Membership Status: Member

Date: 29-Oct-2008
2008-10-29

Comment # A112

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input checked="" type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> 716	<u>Line</u>	<u>Fig/Table#</u>	<u>Subclause</u> 8.4.4.2
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I do not agree with the resolution of comment 820 submitted in July.

H-FDD operations and procedures should not be included in the TDD Frame Structure section. This causes confusion and possible interoperability problems as readers who are interested in FDD may not look into a TDD section.

Suggested Remedy

Accept changes proposed in C802.16maint-08/318r1 or later revision

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-08/318r2

Reason for Group's Decision/Resolution

Group's Notes

Incorporates resolutions to A20013, A20014 and A20015

Editor's Notes

Editor's Actions a) done

Changes also required to section 6

JRS (11/7) Should be "Incorporates resolutions to A20012, A20014 and A20015 (not A20013)

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Aik Chindapol

Membership Status: Member

Date: 29-Oct-2008
2008-10-29 EDT

Comment # A113

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 224 Line 7 Fig/Table# Subclause 6.3.2.3.47

HO_IND should read HO_ID, because the field "HO_ID_included_indicator" indicates whether HO_ID, according page 224, line 23, is included. See also page 232, line 51.

Suggested Remedy

Page 224, line 7, last column of the table, change from
To indicate if the field HO_IND is included.
to:
To indicate if the field HO_ID is included.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Aik Chindapol

Membership Status: Member

Date: 29-Oct-2008
20 08 10 EDT

Comment # **A114**

Document under Review: **P802.16Rev2/D7**

Ballot ID: **sb_16Rev2a**

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 239 Line 20 Fig/Table# Subclause 6.3.2.3.49

HO_IND should read HO_ID, because the field "HO_ID_included_indicator" indicates whether HO_ID, according page 239, line 38, is included. See also page 248, line 1.

Suggested Remedy

Page 239, line 20, last column of the table, change from
Indicates if the field HO_IND is included..
to:
Indicates if the field HO_ID is included..

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Roger Marks

Membership Status: Member

Date: 29-Oct-2008
08:50:01 EDT

Comment # A115

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☒ Satisfied ☐ Page ? Line 46 Fig/Table# Subclause 12.6

Comment 826 was not completely resolved. Though marked "Principle", no change was made, and the issue remains.

Suggested Remedy

Complete the content of the subclause.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

No specific remedy was received from the WiMAX Forum

Group's Notes

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by: Roger Marks

Membership Status: Member

Date: 29-Oct-2008
08:51:45 EDT

Comment # A116

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☒ Satisfied ☐ Page ? Line 52 Fig/Table# Subclause 12.7

Comment 827 was not completely resolved. Though marked "Principle", no change was made, and the issue remains.

Suggested Remedy

Complete the content of the subclause.

GroupResolution

Decision of Group: Disagree

No specific remedy was received from the WiMAX Forum

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joseph Schumacher

Membership Status: Member

Date: 29-Oct-2008
22:53:00 EDT

Comment # A117

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page ? Line 22 Fig/Table# Subclause 10.1

Section 8.4.5.4.22 (UL-MAP Fast Tracking IE) states that "The response time for corrections following receipt of this IE shall be equal to Ranging Response Processing Time as defined in 10.1". This disagrees with the "Fast-Tracking Response Processing Time" entry in table 550 (page 1151, line 22), which states a maximum value of 25 ms.

Suggested Remedy

Remove the "Fast-Tracking Response Processing Time" entry from table 550.

GroupResolution

Decision of Group: Principle

Change 1 (page 892, lines 54-55) as indicated:

The response time for corrections following receipt of this IE shall be equal to <delete>Ranging Response<delete><insert> FPC
</insert> Processing Time as defined in 10.1. <insert>See also 6.3.2.3.34.</insert>

Change 2:

Remove the "Fast-Tracking Response Processing Time" entry from table 550.

Change 3:

Implement all unimplemented changes in 802.16-08/010r2 (approved as the resolution for LB26 comment 2235)

Reason for Group's Decision/Resolution

Group's Notes

(11/12) deferred

Editor's Notes

Editor's Actions a) done

MSP: Only change 2 implemented by me.

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joseph Schumacher

Membership Status: Member

Date: 29-Oct-2008
22:53:03 EDT

Comment # A118

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page 282 Line 32 Fig/Table# Subclause 6.3.4.2

A problem has been identified when using cumulative ARQ Feedback IEs. If the first block in the transmission window has not been received and the receiver uses Feedback type 1, 2 or 3, then the receiver must set the BSN field in the ARQ Feedback IE to a value that is outside the range of the transmission window

Suggested Remedy

Adopt C802.16maint-08/340

GroupResolution

Decision of Group: Principle

The comment author, Joe Schumacher, was present during ballot comment resolution at session 58 in Dallas, Texas. Joe agreed during ballot resolution that the comment should be marked "principle" and considered as withdrawn.

Reason for Group's Decision/Resolution

Group's Notes

(11/12) deferred

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joseph Schumacher

Membership Status: Member

Date: 29-Oct-2008
22:50:00 EDT

Comment # A119

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input checked="" type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 2	<u>Fig/Table#</u>	<u>Subclause</u> 11.13.11
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Requirements for the setting of bits in the Request/Transmission Policy TLV are contradictory.

Suggested Remedy

Adopt C802.16maint-08/341

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-08/341r2

Reason for Group's Decision/Resolution

Group's Notes

(11/12) deferred.

Editor's Notes

Editor's Actions a) done

Comment by:

Joseph Schumacher

Membership Status: MemberDate: 29-Oct-2008Comment # A120Document under Review: P802.16Rev2/D7Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☒ Satisfied ☐ Page ? Line 26 Fig/Table# Subclause 11.13

The standard has no mechanism by which the BS can indicate to the MS that an emergency alert is transmitted in the service flow.

Suggested Remedy

Change #1: Replace the entry "Reserved" with "Emergency Indication" for the Type 10 parameter in Table 601 -- Service Flow Encodings

Change #2: Insert a new sub-section in Section 11.13 as follows:

11.13.x Emergency Indication parameter

The value of this parameter, if present, indicates the associated flow is used for emergency purposes. The emergency indication parameter shall take precedence over any conflicting service flow QoS parameter.

| Type | Length | Value | Scope |

| [145/146].10 | 1 | Bit 0-3: indicates the class of un-scheduled alert. When the bit is set to 1, it indicates the type of alert to be transmitted in this service flow. | DSX-REQ, DSX-RSP |

|| | Bit#0: Presidential alert | DSX-ACK |

|| | Bit#1: Extreme Threat alert ||

|| | Bit#2: Severe Threat alert ||

|| | Bit#3: Amber alert||

|| | Bit 4-7: Reserved | |

GroupResolutionDecision of Group: Principle

Change #1: Replace the entry "Reserved" with "Emergency Indication" for the Type 53 parameter in Table 601 -- Service Flow Encodings

Change #2: Insert a new sub-section in Section 11.13 as follows:

11.13.x Emergency Indication parameter

The value of this parameter, if present, indicates the associated flow is used for emergency purposes. The emergency indication parameter shall take precedence over any conflicting service flow QoS parameter.

| Type | Length | Value | Scope |

| [145/146].53 | 1 | Bit 0-3: indicates the class of un-scheduled alert. When the bit is set to 1, it indicates the type of alert to be transmitted in this service flow. | DSX-REQ, DSX-RSP |

|| | Bit#0: Priority 0 | DSX-ACK |

|| | Bit#1: Priority 1 ||

|| | Bit#2: Priority 2 ||

|| | Bit#3: Priority 3||

||| Bit 4-7: Reserved ||

Reason for Group's Decision/Resolution

Group's Notes

(11/12) Deferred

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joseph Schumacher

Membership Status: Member

Date: 29-Oct-2008
01:50:00 EDT

Comment # **A121**

Document under Review: **P802.16Rev2/D7**

Ballot ID: **sb_16Rev2a**

<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>
	Technical	<input checked="" type="checkbox"/>	<input type="checkbox"/>	790			8.4.5.3.25

Previous proposals modify the Broadcast Control Pointer IE for emergency services. These proposals are problematic since they rely on legacy behavior of the broadcast pointer which may not meet the requirements for emergency services.

Suggested Remedy

Define a new broadcast pointer IE that is more suitable for emergency services.

GroupResolution

Decision of Group: **Principle**

Adopt C802.16maint-08/195r5

Reason for Group's Decision/Resolution

Group's Notes

same as 20017

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20001

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

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

Replace all instances of HFDD (27 instances in Rev2D7) by H-FDD - so that searches on this string are facilitated

Suggested Remedy

Replace all instances of "HFDD" (27 instances in Rev2D7) by "H-FDD"

GroupResolution

Decision of Group: Principle

Replace all instances of "HFDD" by "H-FDD"

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

instances of HFDD in MIB sections weren't changed.

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20002

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 13 Line Fig/Table# Subclause 3

Add defintiion for "layer" in order to avoid any confusion.

Suggested Remedy

<insert>

Layer

In the context of Space Time Coding in OFDMA, a layer is defined as an information flow fed to the STC encoder as an input. The number of layers in a system with vertical encoding is one. In case of horizontal encoding the number of layers depends on the number of encoding/modulation paths. See Section 8.4.8.3. </insert>

GroupResolution

Decision of Group: Principle

<insert>

Layer

In the context of Space Time Coding in OFDMA, a layer is defined as an information flow fed to the STC encoder as an input. The number of layers in a system with vertical encoding is one. In case of horizontal encoding the number of layers depends on the number of encoding/modulation paths. </insert>

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20003

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 13 Line Fig/Table# Subclause 3

Add definition for "stream" in order to avoid any confusion.

Suggested Remedy

<insert>

Stream

In the context of Space Time Coding in OFDMA, a stream is defined as each information path encoded by the STC encoder that is passed to subcarrier mapping and sent through one antenna, or passed to the beamformer. The number of streams in both vertical and horizontal encoding systems is the same as the number of output paths of the STC encoder. See 8.4.8.3. </insert>

GroupResolution

Decision of Group: Principle

<insert>

Stream

In the context of Space Time Coding in OFDMA, a stream is defined as each information path encoded by the STC encoder that is passed to subcarrier mapping and sent through one antenna, or passed to the beamformer. The number of streams in both vertical and horizontal encoding systems is the same as the number of output paths of the STC encoder. </insert>

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20004

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 13 Line Fig/Table# Subclause 3

Add definition for rank in order to avoid any confusion.

Suggested Remedy

<insert>

Rank

In the context of precoding in OFDMA, rank refers to the rank of the precoding matrix, and is equal to the number of columns of the precoding matrix. When refering to the combination of Space Time Coding and precoding, rank is equal to the number of streams. See 8.4.8.3.6.</insert>

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

Definition is incomplete.

Group's Notes

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Erik Colban

Membership Status: Member

Date: 2008/10/29

Comment # A20005

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 41 Line 16 Fig/Table# Subclause 5.3

IEEE 802.16 standard specifies a Generic Packet Convergence Sub-layer (GPCS). This CS, as currently defined, can only be used for uni-cast services, and needs to be updated so tat it may be applied for MBS.

Suggested Remedy

Adopt contribution C802.16maint-08/322

GroupResolution

Decision of Group: Disagree

Adopt the last change in C802.16maint-08/322 (inclusion of outer-decoder row) to page 1310:

Reason for Group's Decision/Resolution

The group disagreed with the problem statement

Group's Notes

Same as A78, A92

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Erik Colban

Membership Status: Member

Date: 2008/10/29

Comment # A20006

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 257 Line 35 Fig/Table# Subclause 6.3.2.3.52

The encoding of the MBS DATA Time Diversity IE is inefficient

Suggested Remedy

Adopt contribution C802.16maint-08/323

GroupResolution

Decision of Group: Principle

Adopt contribution C802.16maint-08/323r1

Reason for Group's Decision/Resolution

Group's Notes

duplicate of A77

Editor's Notes

Editor's Actions b) none needed

Comment by:

Loa Kanchei

Membership Status: MemberDate: 2008/10/28Comment # **A20007**Document under Review: **P802.16REV2/D7**Ballot ID: **sb_16Rev2a**

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 361 Line 17 Fig/Table# Figur Subclause 6.3.10.3.2

In Figure 101 of P802.16REV2/D7, the BS will send the unsolicited RNG-RSP message in order to initiate the SS to send ranging code when the “Ranging code not received”. However, when MS perform periodic ranging, the MS shall choose randomly a Ranging Slot (with random selection with equal probability from available Ranging Slots in a single frame) at the time to perform the ranging, then it chooses randomly a Periodic Ranging Code and sends it to the BS (as a CDMA code), therefore, the periodic ranging code sent from the MS is anonymous. Thus the BS can not know which MS has already sent the periodic ranging code. As a result the, Figure 101 of P802.16REV2/D7 is unable to implement. We proposes the corrected flow charts about handling periodic ranging and unsolicited RNG-RSP message at the BS.

Suggested Remedy

Adopt IEEE C80216maint-08_319

GroupResolutionDecision of Group: DisagreeReason for Group's Decision/Resolution

Diagram does not adequately address other corrections which may be applied.

Group's Notes

(11/12) Defer.

Result of vote to adopt C802.16maint-08/319r7: 4 in favor, 2 opposed, 1 abstention

Editor's NotesEditor's Actions b) none needed

Comment by: Sylvain LabonteMembership Status: MemberDate: 2008-10-29Comment # A20008Document under Review: P802.16Rev2/D7Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 428 Line 32 Fig/Table# Subclause 6.3.17.2

As stated in the existing text, when the BS sends a new CQICH_Alloc_IE, it thus overwrites all the information related to an existing CQICH process at the SS. Hence the existing process can no longer perform periodic reporting. However there are different interpretations about the exact time reporting shall end.

We propose that existing reporting process stop at the reception of the new CQICH_Alloc_IE.

Suggested Remedy

At any time, the BS may deallocate the SS's CQICH by putting another CQICH IE with Duration d = 0000. Before the CQICH life timer (which is set at the receipt of the CQICH IE) expires, sending another CQICH IE overwrites all the information related to the CQICH such as Allocation Index, Period, Frame offset, and Duration. <insert>The existing CQICH process shall not report in the frames following the one where the new CQICH_Alloc_IE was received </insert> Hence, unless the BS refreshes the timer, the SS should stop reporting as soon as the timer expires. However, in case of sending the MAP IE for reallocation or deallocation, the BS should make sure if the previous CQICH is released before it is reallocated to another SS.

GroupResolutionDecision of Group: DisagreeReason for Group's Decision/Resolution

Lack of harmonization as requested by the original commentor.

Group's NotesEditor's NotesEditor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Erik Colban

Membership Status: Member

Date: 2008/10/29

Comment # A20009

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 480 Line 34 Fig/Table# Subclause 6.3.22.1

The standard uses inconsistent spelling for the MBS Contents ID.

In some places Contents is capitalized, in others not.

In some places IDs is abbreviated and in others expanded to Identifier.

In some places IDs has a plural s, in others not.

In some place Contents has a plural s, in others not.

Suggested Remedy

Globally change all occurrences of MBS {C,c}ontent[s] I{D,d}entifier[s] to MBS Contents IDs

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-08/343r1

Reason for Group's Decision/Resolution

Group's Notes

same as resolution to A79

Editor's Notes

Editor's Actions b) none needed

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # A20010Document under Review: P80216Rev2_D7Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 509 Line 26 Fig/Table# Subclause 13.2.3

The range of threshold is -128 to +127 dB. The range of these objects should be changed accordingly.

Suggested Remedy

wmanIf2BsOfdmaBandAMCAllocThreshold OBJECT-TYPE

SYNTAX Integer32 (<delete>0<delete> ><insert> -128<insert> .. <delete>255<delete><insert> 127<insert>)

UNITS "dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Threshold of the maximum of the standard deviations of the individual bands CINR measurements over time to trigger mode transition from normal subchannel to Band AMC"

::= { wmanIf2BsOfdmaUplinkChannelEntry 11 }

wmanIf2BsOfdmaBandAMCReleaseThreshold OBJECT-TYPE

SYNTAX Integer32 (<delete>0<delete> ><insert> -128<insert> .. <delete>255<delete><insert> 127<insert>)

UNITS "dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Threshold of the maximum of the standard deviations of the individual bands CINR measurements over time to trigger mode transition from Band AMC to normal subchannel"

::= { wmanIf2BsOfdmaUplinkChannelEntry 12 }

GroupResolutionDecision of Group: AgreeReason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

a) done

Comment by: Yeongmoon Son

Membership Status: Member

Date: 2008/10/29

Comment # A20011

Document under Review: **IEEE802.16REV2/D7**

Ballot ID: sb_16Rev2a

Comment Type **Technical** Part of Dis ☐ Satisfied ☐ Page **552** Line **21** Fig/Table# Subclause **7.4.2.1**

If look at the paragraph on page 552, line 21, triggering condition for reauthorization is listed by 4 as follows;

"In PKMv2 EAP-based authentication, reauthorization is triggered when one of the following conditions is met:

- 1) Authorization Grace Timer expires,
- 2) CMAC_KEY_COUNT approaches the maximum number,
- 3) PKMv2 EAP-Start message is sent by the SS,
- 4) PKMv2 EAP-Transfer message encapsulating EAP request/ identity is sent by the BS. "

But, there is one more condition for triggering re-authorization on page 564, line 26, as follows;

The reauthentication process should be initiated (by BS or SS) to establish a new AK before the CMAC_PN_* reaches the end of its number space.

Therefore, we need to add something to 2nd bullet.

Suggested Remedy

[Modify the paragraph on page 552. line 21, as follows]

In PKMv2 EAP-based authentication, reauthorization is triggered when one of the following conditions is met: 1) Authorization Grace Timer expires, 2) CMAC_KEY_COUNT or CMAC_PN_* approaches the maximum number, 3) PKMv2 EAP-Start message is sent by the SS, 4) PKMv2 EAP-Transfer message encapsulating EAP request/ identity is sent by the BS.

GroupResolution

Decision of Group: Principle

[Modify the paragraph on page 552. line 21, as follows]

In PKMv2 EAP-based authentication, reauthorization is triggered when ~~<delete>one</delete>~~ ~~<insert>any</insert>~~ of the following conditions ~~<delete>is</delete>~~~~<insert>are</insert>~~ met: 1) Authorization Grace Timer expires, 2) CMAC_KEY_COUNT ~~<insert>or~~ CMAC_PN_*~~</insert>~~ approaches the maximum number, 3) PKMv2 EAP-Start message is sent by the SS, 4) PKMv2 EAP-Transfer message encapsulating EAP request/ identity is sent by the BS.

Reason for Group's Decision/Resolution

Group's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20012

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 710 Line 42 Fig/Table# Subclause 8.4.4

Section 8.4.4 is not clearly organized and does not clearly separate what features apply to FDD only, TDD only, and both FDD and TDD.

Suggested Remedy

Re-organize Section 8.4.4 according to the latest version of C80216maint-08_318r1.doc

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-08/318r2

Reason for Group's Decision/Resolution

Group's Notes

same as resolution for A112

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20013

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 711 Line 55 Fig/Table# Subclause 8.4.4.1

The sentence : "

The DCD and UCD messages transmitted in H-FDD group 1 shall be the same as the DCD message transmitted in H-FDD group 2.

is both incorrect and incomplete. Sections 8.4.4.1.4 and 8.4.4.1.5 contain accurate statements which are sufficient. Therefore, remove this sentence.

Suggested Remedy

<delete>

The DCD and UCD messages transmitted in H-FDD group 1 shall be the same as the DCD message transmitted in H-FDD group 2.</delete>

GroupResolution

Decision of Group: Principle

<delete>The DCD and UCD messages transmitted in H-FDD group 1 shall be the same as the DCD message transmitted in H-FDD group 2.</delete>

<insert>See sections 8.4.4.1.4 and 8.4.4.1.5 for more information on DCD and UCD content in FDD/H-FDD.</insert>

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20014

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 718 Line 4 Fig/Table# Subclause 8.4.4.2

The sentence: "

For example, zones may be used for defining partitions in time for an FDD/H-FDD system."

is not accurate and misleading. Section 8.4.4 describes how FDD/H-FDD partitions ought to be defined and is sufficient.

Suggested Remedy

<delete>

For example, zones may be used for defining partitions in time for an FDD/H-FDD system.</delete>

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The sentence is correct.

The comment author, Sylvain Labonte was present at sesssion 58 in Dallas, Texas, and agrees with the task group decision.

Group's Notes

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20015

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 718 Line 48 Fig/Table# Subclause 8.4.4.2

This line and the following two paragraphs discuss UL/DL precedence and overlapping allocations. In the FDD/H-FDD amendments developed during Rev2, the frame structure described in Section 8.4.4 already takes care of avoiding overlapping allocations in H-FDD mode. Consequently, this line and the following two paragraphs create confusion and should be deleted.

Suggested Remedy

<delete>

The precedence of UL and DL transmissions for H-FDD mode is defined as follows:

1) For FDD/H-FDD operation, overlapping allocations are defined as DL and UL allocations in which the time difference from the end of the DL allocation to the beginning of the UL allocation, measured at the MS antenna port, is less than SSRTG, or the time difference from the end of the UL allocation to the beginning of the DL allocation, measured at the MS antenna port, is less than SSTTG. For UL control channels (UL ranging/BW-request, FAST-FEEDBACK, ACKCH region, sounding, etc.), the overlapping allocation applies to the region, i.e., a downlink allocation that overlaps a region is considered to overlap all slots and opportunities in the region.

2) In H-FDD, overlapping allocations of bursts explicitly directed to the MS (by basic CID in the DL/UL map) are not allowed.</delete>

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The existing text provides necessary clarification.

Group's Notes

Result of vote to adopt proposed resolution: 8 in favor, 5 against, 1 abstain

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # **A20016**

Document under Review: **P802.16Rev2/D7**

Ballot ID: **sb_16Rev2a**

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 734 Line 1 Fig/Table# Subclause 8.4.5.3

(Low priority, time permitting only)

In the DL and UL MAP IEs, there is sometimes inconsistency in the

- title of a subsection defining an IE (e.g. 8.4.5.4.5 Power Control IE format)
- the name of the table in this subsection: (e.g. Table 382—OFDMA Power Control IE)
- the syntax of this IE in this table: (e.g. Power_Control_IE())
- the note related to the U/DIUC (e.g. Fast power control = 0x00)
- the UIUC allocation (e.g. in table 378, first row: Power Control IE)
- and references made to this IE throughout the text

This is making text searches unnecessarily complicated, and makes our standard look unprofessional. We suggest the inconsistencies be removed.

Suggested Remedy

Give editors authority to remove inconsistencies found in the UL and DL IEs

- the title of the subsection should not use the word "format"
- the name of the table should reuse the subsection name
- the syntax of the IE should be identical with "_" between words
- the note related to the U/DIUC should be removed (only keep the code, like 0x00)
- the UIUC/DIUC allocation should be consistent too
- and update all the references in the text

(We understand this is a lengthy task and it's only a 'nice-to-have' if time permits.)

GroupResolution

Decision of Group: Principle

Reason for Group's Decision/Resolution

The comment author, Sylvain Labonte, was present during ballot comment resolution at session 58 in Dallas, Texas. Sylvain agreed during ballot resolution that the comment should be marked "principle" and considered as withdrawn.

Group's Notes

I am unsatisfied with the group decision on the comment #675 in IEEE 80216-08_049r3.cmt which was 802.16REV2/D6a Sponsor Ballot Comment Database.

It is defined in IEEE802.16REV2/D7 that a BS can inform MSs when to broadcast 'Emergency Service Message' by using Broadcast Control Pointer IE in the table 360 on page 790. Nevertheless, there is no any other description except the above definition regarding Emergency Service at all. Therefore, we need to additionally define the operation related to Emergency Services. The contribution provide the means to broadcast MAC PDU containing 'Emergency Service Message'.

Suggested Remedy
[adopt C80216maint-08_195r5.doc or later version]

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-08/195r5

Reason for Group's Decision/Resolution

Group's Notes
vote to adopt C802.16maint-08/195r5: 19 in favor, 1 opposed, 1 abstention

Editor's Notes

Editor's Actions a) done

Requires changes to sections 6 and 11

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20018

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 830 Line 49 Fig/Table# Subclause 8.4.5.4

In this section some subsections use the word "format" in their heading and some do not. There is no need for this inhomogeneity. For consistency remove "format" where it appears in the subheadings.

Suggested Remedy

remove "format" where it appears in the subheadings.

8.4.5.4.3 CDMA Allocation UL-MAP IE format

8.4.5.4.5 Power Control IE format

8.4.5.4.6 AAS UL IE format

8.4.5.4.7 UL Zone Switch IE format

8.4.5.4.11 MIMO UL Basic IE format

8.4.5.4.12 CQICH Allocation IE Format

8.4.5.4.16 CQICH Enhanced Allocation IE format

8.4.5.4.20 MIMO UL Enhanced IE format

8.4.5.4.21 OFDMA Fast Ranging IE format

8.4.5.4.27 AAS SDMA UL IE format

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions g) editor disagrees

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20019

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 843 Line 1 Fig/Table# Subclause 8.4.5.4.9

This section belongs in Section 8.4.5.4 UL-MAP IE format. Therefore its name should be changed for consistency with the rest of this section.

Suggested Remedy

rename section to 8.4.5.4.9 Fast-feedback Allocation IE

GroupResolution

Decision of Group: Principle

apply to section to 8.4.5.4.9 Fast-feedback Allocation IE:

<insert>The Fast-feedback Allocation IE is used to specify allocations for the fast-feedback slots . </insert><delete>Each Fast-feedback message occupies one UL slot. </delete>Fast-feedback <insert>slots</insert><delete>messages</delete> are mapped in to the region marked by UIUC = 0 in the UL-MAP, in a frequency-first order, as shown in Figure 241.

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20020

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 844 Line 1 Fig/Table# Subclause 8.4.5.4.10

Subsection 8.4.5.4.10 Fast-feedback seems out of place in a section that lists IEs because its content does not describe an IE at all. It would be more natural to move it at 8.4.X, ideally between 8.4.10 and 8.4.11.

Suggested Remedy

move section 8.4.5.4.10 Fast-feedback between 8.4.10 and 8.4.11 and renumber following sections.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20021

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 846 Line 32 Fig/Table# Subclause 8.4.5.4.10.1

superscripts not readable, must be fixed

Suggested Remedy

editorial fix to make the superscripts readable

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

There wasn't anything wrong in the source, need to review the compiled document if problem still exist

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20022

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 846 Line 45 Fig/Table# Subclause 8.4.5.4.10.1
superscripts not readable, must be fixed

Suggested Remedy

editorial fix to make the superscripts readable

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

There wasn't anything wrong in the source, need to review the compiled document if problem still exist

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20023

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 847 Line 58 Fig/Table# Subclause 8.4.5.4.10.1
superscripts not readable, must be fixed

Suggested Remedy

editorial fix to make the superscripts readable

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

There wasn't anything wrong in the source, need to review the compiled document if problem still exist

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20024

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 848 Line 20 Fig/Table# Subclause 8.4.5.4.10.1
superscripts not readable, must be fixed

Suggested Remedy

editorial fix to make the superscripts readable

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

There wasn't anything wrong in the source, need to review the compiled document if problem still exist

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20025

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 848 Line 48 Fig/Table# Subclause 8.4.5.4.10.1

This paragraph is unclear, and redundant with clearer text elsewhere and should be deleted. Specifically:

This sentence is a copy of top of 8.4.5.4.10.1

MIMO-capable SS shall measure post-processing CINR for each individual layer as shown in Figure 242.

This sentence contradicts the following sentence . More precise info is at the top of 8.4.5.4.10.1

The SS shall report the post-processing CINR averaged over layers.

This sentence is at the end of 8.4.5.4.12

When the BS requests SS feedback

through CQICH_Alloc_IE(), the SS shall report the average CINR or individual layer CINR as described in 8.4.5.4.12.

This sentence appears at many other locations and there is another comment to create a separate entry in the glossary for it.

The layer is defined as a separate coding/modulation path.

Suggested Remedy

<delete>

MIMO-capable SS shall measure post-processing CINR for each individual layer as shown in Figure 242.

The SS shall report the post-processing CINR averaged over layers. When the BS requests SS feedback through CQICH_Alloc_IE(), the SS shall report the average CINR or individual layer CINR as described in 8.4.5.4.12. The layer is defined as a separate coding/modulation path.</delete>

GroupResolution

Decision of Group: Principle

Reason for Group's Decision/Resolution

The comment author, Sylvain Labonte, was present during ballot comment resolution at session 58 in Dallas, Texas. Sylvain agreed during ballot resolution that the comment should be marked "principle" and considered as withdrawn.

Group's Notes

(11/12) Deferred

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20026

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 857 Line 57 Fig/Table# Subclause 8.4.5.4.10.8

Wrong reference to CQICH_Enhanced_Alloc_IE

Suggested Remedy

correct the reference (8.4.5.4.16 in Rev2/D7)

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20027

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 878 Line 16 Fig/Table# Subclause 8.4.5.4.12

CQICH_ID does not identify a resource, it should identify the "CQICH reporting process".

Suggested Remedy

modify existing text as follows:

<delete>Index to uniquely identify the CQICH resource
assigned to the SS.</delete>

<insert>Identification of the CQICH reporting process initiated by this CQICH_Alloc_IE. </insert>

The size of this field is dependent on system
parameter defined in UCD.

GroupResolution

Decision of Group: Principle

modify existing text as follows:

Modify page 880, line 40 as indicated:

<delete>The CQICH_ID uniquely identifies a fast feedback channel on which an SS can transmit fastfeedback
information. With this allocation, a one-to-one relationship is established between the
CQICH_ID and the SS.</delete>

<insert>The CQICH_ID identifies the combination of fast feedback channel, Report Configuration and MIMO Permutation Feedback
Cycle created by this IE.</insert>

Reason for Group's Decision/Resolution

Group's Notes

(11/12) deferred

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20028

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 878 Line 40 Fig/Table# Subclause 8.4.5.4.12

Reference to CQICH_ID is inaccurate

Suggested Remedy

A CQI feedback is transmitted <delete>on the CQI channels
indexed by the CQICH_ID</delete> for 10 x 2d
frames.

GroupResolution

Decision of Group: Principle

A CQI feedback is transmitted on the CQI channels
<delete>indexed by the CQICH_ID</delete> for 10 x 2d
frames.

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20029

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 880 Line 44 Fig/Table# Subclause 8.4.5.4.12

The current text for Report configuration does not allow enough flexibility in cases where multiple CQICH processes run in parallel at the SS. We should use CQICH_ID as unique identifier for the CQICH reporting processes.

Suggested Remedy

Report configuration included

Indicates whether an update to the report configuration exists in the IE. A value of 0 indicates that the SS shall use the configuration defined in the last received <delete>CQI configuration </delete> <insert>CQICH_Alloc_IE with the same CQICH_ID</insert>.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20030

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 880 Line 44 Fig/Table# Subclause 8.4.5.4.12

Text of the CQICH_Alloc_IE is unclear regarding the frames in which an MS should transmit periodic CQICH and/or Feedback header. I propose to be explicit in order to avoid any misunderstanding.

Suggested Remedy

insert above "Report Configuration Included"

<insert>

Period(p), Frame offset, and Duration(d)

If the MS received the CQICH_Alloc_IE in frame #N, the MS should transmit periodic reports in every 2^p frames starting from frame #M_first to frame #M_last, where
M_first is the first frame number (excluding frame #N) with the 3 LSB equal to the 3 bits in Frame offset
and where $M_last = (M_first + 10 * 2^d - 1) \bmod 2^{24}$.

GroupResolution

Decision of Group: Principle

insert above "Report Configuration Included"

<insert>

Period(p), Frame offset, and Duration(d)

If the MS received the CQICH_Alloc_IE in frame #N, the MS should transmit periodic reports in every 2^p frames starting from frame #M_first to frame #M_last, where
M_first is the first frame number (excluding frame #N) with the 3 LSB equal to the 3 bits in Frame offset
and where $M_last = (M_first + 10 * 2^d - 1) \bmod 2^{24}$.

Reason for Group's Decision/Resolution

Group's Notes

(11/12) defer

Editor's Notes

Editor's Actions a) done

Comment by: Sylvain LabonteMembership Status: MemberDate: 2008-10-29Comment # A20031Document under Review: P802.16Rev2/D7Ballot ID: sb_16Rev2a

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> 880	<u>Line</u> 62	<u>Fig/Table#</u>	<u>Subclause</u> 8.4.5.4.12
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Missing description for operation of multiple CQICH reporting processes at MS.

Suggested Remedy

at line 62 insert the following paragraphs

<insert>

If in Frame N the SS receives a CQICH_Alloc_IE with a CQICH_ID that is the same as that of an existing active CQICH process, the existing CQICH process is terminated and replaced by the new one. If the "Report configuration included" field =0, the report configuration of the previous process is maintained, even if the "duration" of the previous process had expired at the reception of the new CQICH_Alloc_IE.

The CQICH_ID has a variable length (set by UCD TLV 176). If the SS receives a CQICH_Alloc_IE with a CQICH_ID of length 0, an existing CQICH process with a CQICH_ID of length 0 is deactivated and replaced by the new one. It follows that when the CQICH_ID length is 0, it is impossible to have more than one concurrent CQICH process at the MS.

If in Frame N a SS receives a CQICH_Alloc_IE requesting a CQI report over the same fast feedback allocation offset (in any frame in the future) as another existing CQICH process, then the newer CQICH_Alloc_IE prevails and the older one is immediately terminated (that is, it will not report in frames after N).</insert>

GroupResolutionDecision of Group: Disagree

at line 62 insert the following paragraphs

<insert>

If, in Frame N, the SS receives a CQICH_Alloc_IE with a CQICH_ID that is the same as that of an existing active CQICH process, the existing CQICH process is terminated and replaced by the new one. If the "Report configuration included" field =0, the report configuration of the previous process is maintained, even if the "duration" of the previous process had expired at the reception of the new CQICH_Alloc_IE.

The CQICH_ID has a variable length (set by UCD TLV 176). If the SS receives a CQICH_Alloc_IE with a CQICH_ID of length 0, an existing CQICH process with a CQICH_ID of length 0 is deactivated and replaced by the new one. It follows that when the CQICH_ID length is 0, it is impossible to have more than one concurrent CQICH process at the MS.

a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # **A20033**

Document under Review:

Ballot ID: **sb_16Rev2a**

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 885 Line 26 Fig/Table# Subclause 8.4.5.4.16

Should give the CQICH_ID field in CQICH_Enhanced_Alloc_IE the same definition as in CQICH_Alloc_IE. (See other comments I made for CQICH_ID field in CQICH_Alloc_IE.)

Suggested Remedy

replace current text

<delete>Index to uniquely identify the CQICH resource
assigned to the MS</delete>

by the following

<insert>Identification of the CQICH reporting processes initiated by this CQICH_Enhanced_Alloc_IE. The size of this field is dependent on system parameter defined in UCD.</insert>

GroupResolution

Decision of Group: Principle

Reason for Group's Decision/Resolution

The comment author, Sylvain Labonte, was present during ballot comment resolution at session 58 in Dallas, Texas. Sylvain agreed during ballot resolution that the comment should be marked "principle" and considered as withdrawn.

Group's Notes

(11/12) deferred

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20034

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 885 Line 31 Fig/Table# Subclause 8.4.5.4.16

The description of the Frame Offset should be the same as for the CQICH_Alloc_IE

Suggested Remedy

delete existing description

<delete>The MS starts reporting at the frame of which the number has the same 3 LSB as the specified frame offset. If the current frame is specified, the MS should start reporting in eight frames</delete>

and replace by following text

<insert>

The SS starts reporting at the frame of which the number has the same 3 LSB as the specified frame offset. If the current frame is specified, the SS should start reporting in eight frames. Channel Quality Information reported by a SS in Frame n pertains to measurements collected in previous frames up to and including Frame n-1, but excluding Frame n. The first CQICH report following the CQICH Enhanced allocation IE may contain invalid data if the report is sent in the frame immediately following the frame in which the CQICH Enhanced allocation IE was received.</insert>

GroupResolution

Decision of Group: Principle

delete existing description

<delete>The MS starts reporting at the frame of which the number has the same 3 LSB as the specified frame offset. If the current frame is specified, the MS should start reporting in eight frames</delete>

and replace by following text

<insert>

The SS starts reporting at the frame of which the number has the same 3 LSB as the specified frame offset. If the current frame is specified, the SS should start reporting in eight frames. Information reported by a SS in Frame n pertains to measurements collected in previous frames up to and including Frame n-1, but excluding Frame n. The first CQICH report following the CQICH Enhanced allocation IE may contain invalid data if the report is sent in the frame immediatly following the frame in which the CQICH Enhanced allocation IE was received.</insert>

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20035

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 885 Line 36 Fig/Table# Subclause 8.4.5.4.16

Reference to CQICH_ID is inaccurate.

Suggested Remedy

A CQI feedback is transmitted <delete>on the CQI channels
indexed by the CQICH_ID</delete> for 10 x 2d
frames.

GroupResolution

Decision of Group: Principle

A CQI feedback is transmitted on the CQI channels
<delete>indexed by the CQICH_ID</delete> for 10 x 2d
frames.

Reason for Group's Decision/Resolution

Group's Notes

(11/12) deferred

Editor's Notes

Editor's Actions a) done

Comment by: Jinyoung Chun

Membership Status: Member

Date: 2008/10/27

Comment # **A20036**

Document under Review: **P80216Rev2_D7**

Ballot ID: **sb_16Rev2a**

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 887 Line 1 Fig/Table# Subclause 8.4.5.4.16

Feedback type 0b110 is newly inserted in CQICH_Enhanced_Allocation_IE. Therefore we need to clarify the usage of Primary and secondary CQICH about that type.

Suggested Remedy

Insert the below text in line 3, page 887.

When Feedback type = 0b110 and CQICH type = 0b101, 10-bits CQI consists of primary CQICH(6bits) and Secondary CQICH(4bits) from MSB to LSB. The first bit of MSB is '0' if MS transmits 6bit PMI or '1' if MS transmits 3bit PMI. And the remaining 9bits indicate the below information.

 If MS transmits 6bit PMI, 6bit PMI + 1-bit differential CINR per band for the 3 best bands (from MSB to LSB).

 if MS transmits 3bit PMI: 3bit PMI + 2-bits differential CINR per band for the 3 best bands (from MSB to LSB).

GroupResolution

Decision of Group: Principle

Insert the below text in line 3, page 887.

When Feedback type = 0b110 and CQICH type = 0b101, 10-bits CQI consists of primary CQICH(6bits) and Secondary CQICH(4bits) from MSB to LSB. The first bit of MSB is '0' if MS transmits 6bit PMI or '1' if MS transmits 3bit PMI. And the remaining 9bits indicate the below information.

 If MS transmits 6bit PMI, 6bit PMI + 1-bit differential CINR per band for the 3 best bands (from MSB to LSB).

 if MS transmits 3bit PMI: 3bit PMI + 1-bit differential CINR per band for the 3 best bands + 3 bits (set to zero) (from MSB to LSB).

Reason for Group's Decision/Resolution

Group's Notes

(11/12) deferred

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20037

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page 914 Line 54 Fig/Table# 442 Subclause 8.4.5.4.30

For Extended 2-UIUC field, the note is incorrect: 0x0B is indicated whereas 0x0C is the correct code, according to table 380, page 837

Suggested Remedy

Replace 0x0B with 0x0C

GroupResolution

Decision of Group: Principle

Replace 0x0B with 0xC after applying C802.16maint-08/350

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20038

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 47 Fig/Table# Subclause 8.4.8.3.1.1

This is legacy text which no longer matches Figure 283 and which will lead to confusion. Actually, text is largely unnecessary and should be trimmed down.

Suggested Remedy

<delete>For 2-antenna BS, all pilots in the even symbols shall be allocated for antenna 0; whereas, all pilots in the odd symbols shall be allocated for antenna 1. The positions of pilots in the odd symbols are further switched with those of data subcarriers whose locations coincide with pilots in the previous symbol. This is shown in Figure 283.</delete>

<insert>The two-stream pilot pattern is illustrated in Figure 283.</insert>

GroupResolution

Decision of Group: Principle

<delete>For 2-antenna BS, all pilots in the even symbols shall be allocated for antenna 0; whereas, all pilots in the odd symbols shall be allocated for antenna 1. The positions of pilots in the odd symbols are further switched with those of data subcarriers whose locations coincide with pilots in the previous symbol. This is shown in Figure 283.</delete>

<insert>The two-stream pilot pattern is defined in Figure 283.</insert>

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20039

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 56 Fig/Table# Subclause 8.4.8.3.1.1

k is simply the subchannel index.

Suggested Remedy

k is <delete>defined in</delete> the subchannel index.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Jinyoung Chun

Membership Status: Member

Date: 2008/10/27

Comment # A20040

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 60 Fig/Table# Subclause 8.4.8.3.1.1

Figure 285 in page 1037 and a numerical formula in page 1036 are not consistent. We have to change the formular fitted in Figure. (refer 2-antenna BS case in page 1035~1036.)

Suggested Remedy

Replace the formula in line 61~64, page 1036 as below

Pilot Location for Antenna #0 = $18k + 9 \bmod(m,2) + 3[\text{floor}(m/2) \bmod 3] + 1$

Pilot Location for Antenna #1 = $18k + 9 \bmod(m+1,2) + 3[\text{floor}(m/2) \bmod 3] + 1$

Pilot Location for Antenna #2 = $18k + 9 \bmod(m,2) + 3[\text{floor}(m/2) \bmod 3] + 2$

Pilot Location for Antenna #3 = $18k + 9 \bmod(m+1,2) + 3[\text{floor}(m/2) \bmod 3] + 2$

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Wonil Roh

Membership Status: Member

Date: 2008/10/29

Comment # A20041

Document under Review: IEEE802.16REV2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 6 Fig/Table# 290 Subclause 8.4.8.4.1

In Figure 290 UL pilot allocation for 2-antenna MS for the optional PUSC zones, pilot subcarrier and null subcarrier are not distinguished from each other due to the same color used.

In case two single Tx antenna MSs perform UL CSM, one MS should use UL pilot allocation with pilot pattern A (marked as ant#0 in Figure 283), and the other MS should use the UL pilot allocation with pilot pattern B (marked as ant#0 in Figure 283).

On the other hand, it is stated in the standard that when two dual Tx antenna MSs perform CSM on the same subchannel, one MS shall use the pilot pattern A, B (the same subcarrier as pattern A with different polarity) and the other SS shall use the pilot pattern C, D (the same subcarrier as pattern C with different polarity) illustrated in Figure 291. However, ambiguity is caused by the wrong indexes in Figure 290.

Suggested Remedy

[Replace Figure 290 in 802.16 Rev2/D7 with Figure 251I in IEEE 802.16e-2005]

[Modify the indexes in Replace Figure 290 in 802.16 Rev2/D7 with Figure 251I in IEEE 802.16e-2005]

Pilot pattern [A,~~B~~C]

Pilot pattern [~~C~~B,D]

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Figure 290 is fine, the problem is with the PDF creation (color definition)

I assumed that the change Pilot pattern [A,~~B~~C] Pilot pattern [~~C~~B,D] was related to figure 291

Comment by:

Wonil Roh

Membership Status: Member

Date: 2008/10/29

Comment # A20042

Document under Review: IEEE802.16REV2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 8 Fig/Table# Subclause 8.4.10.3

The statements on CDMA code ranging are not consistent among ranging types and not fully aligned with the specification in the standard for the initial ranging. Hence, it is suggested to clearly state that MS shall ramp up its transmission power up to the limitation of PTX_IR_MAX if it fails to receive any response (or, RNG-RSP) to the transmitted CDMA code for all types of ranging (that is, initial ranging, periodic ranging, handover ranging, and bandwidth request ranging).

Furthermore, if MS adjusts transmission power by itself during ranging due to the failure in receiving RNG-RSP from BS (as described in the previous section) while in open loop power control mode, the increased power should be also reflected to other UL data bursts in consideration of BS receiver dynamic range.

On the other hand, it is not clearly specified in the standard with respect to the expected behavior of MS when it receives a power adjustment command beyond its Tx power dynamic range from BS. Considering that there is no way for BS to know the actually supported dynamic range of MS (but for the maximum Tx power announced by MS via SBC-REQ message), if MS accumulates all the power adjustments from BS even after the saturation of Tx power either to the maximum or to the minimum, it may fall into a problematic situation when the BS tries to adjust MS' Tx power back to the normal power level (within the dynamic range supported). Therefore, if MS receives any power adjustment command to increase (decrease) the power above its maximum (below the minimum) Tx power from BS, the MS should limit the power adjustment to its maximum (minimum) Tx power.

Suggested Remedy

(underline in blue: text added, ~~strikeout in red~~: text removed, (omitted): some paragraphs omitted)

[Move the following paragraphs, which are the first and the last two paragraphs in section 8.4.10.3.1 in Rev2/D7, to the end of section 8.4.10.3, add a new paragraph at the end of section 8.4.10.3, and modify them as indicated] (p 1111, l 19)

8.4.10.3 Power control

(omitted)

For the periodic ranging, once MS sends periodic ranging code and fails to receive RNG-RSP, MS ~~may~~ shall adjust its Tx power for the subsequent periodic ranging codes transmission up to PTX_IR_MAX (6.3.9.5.1). For the BR ranging, once MS sends BR ranging code and fails to receive CDMA allocation IE or RNG-RSP, MS ~~may~~ shall adjust its Tx power for the subsequent BR ranging codes transmission up to PTX_IR_MAX (6.3.9.5.1).

If MS has UL HARQ connection, the normalized C/N value for HARQ bursts can be adjusted referencing to non HARQ bursts. The power offset is defined in UCD TLV of 'Relative Power Offset for UL HARQ burst'. If this TLV exists in the UCD, then the power offset shall be added to the C/N value in table 334 in case the transmission is HARQ.

When the MS transmits an UL burst containing a MAC management message (PDUs which have Basic CID, Primary management CID, or Secondary management CID), the transmit power for the burst shall be boosted by the value indicated by 'Relative Power Offset for UL Burst Containing MAC Management Message' in the UCD.

If MS receives any power adjustment command to increase (decrease) the power above its maximum (below the minimum) Tx power from BS, the MS shall accept the portion of the adjustment that leaves the Tx power within its dynamic range. That is, the MS will accept negative power corrections until it reaches its minimum Tx power and discard corrections below it. The MS will accept positive power corrections until it reaches its maximum Tx power and discard corrections above it.

[Remove the first and the last two paragraphs in section 8.4.10.3.1 in Rev2/D7 after moving them to section 8.4.10.3 as stated in the first change above] (p 1111, l 21)

8.4.10.3.1 Closed-loop power control

~~For the periodic ranging, once MS sends periodic ranging code and fails to receive RNG-RSP, MS may adjust its Tx power for the subsequent periodic ranging codes transmission up to PTX_IR_MAX (6.3.9.5.1). For the BR ranging, once MS sends BR ranging code and fails to receive GDMA allocation IE or RNG-RSP, MS may adjust its Tx power for the subsequent BR ranging codes transmission up to PTX_IR_MAX (6.3.9.5.1).~~

(omitted)

~~If MS has UL HARQ connection, the normalized C/N value for HARQ bursts can be adjusted referencing to non HARQ bursts. The power offset is defined in UCD TLV of 'Relative_Power_Offset_for_UL_HARQ_burst'. If this TLV exists in the UCD, then the power offset shall be added to the C/N value in table 334 in case the transmission is HARQ.~~

~~When the MS transmits an UL burst containing a MAC management message (PDUs which have Basic CID, Primary management CID, or Secondary management CID), the transmit power for the burst shall be boosted by the value indicated by 'Relative Power Offset for UL Burst Containing MAC Management Message' in the UCD.~~

[Change the text in the following paragraphs in section 8.4.10.3.2 in Rev2/D7 as indicated] (p1113, l 20)

8.4.10.3.2 Optional open-loop power control

(omitted)

Additionally, the BS controls the Offset_BSperSS using PMC_RSP message (6.3.2.3.54) to override the Offset_BSperSS value, or using RNG-RSP (6.3.2.3.6), Fast Power Control (FPC) message (6.3.2.3.34), Power Control IE (8.4.5.4.5) and UL-MAP Fast Tracking IE (8.4.5.4.22) to adjust the Offset_BSperSS value.

The accumulated power control value shall be used for Offset_BSperSS.

MS shall reflect the amount of power adjusted by itself. during ranging due to the failure in receiving a response to the CDMA code transmitted (6.2.9.5.1, 8.3.10.3). to the Offset_BSperSS as a correction term for the power offset.

The Offset_BSperSS can be updated using relative or fixed form (as a function of the relevant adjustment commands used). Fixed form is used when the parameter is obtained from a PMC_RSP message. In this case, the SS should replace the old Offset_BSperSS value by the new Offset_BSperSS sent by the BS. With all other messages mentioned in the previous paragraph, relative form is used. In this case, MS should increase and decrease the Offset_BSperSS according to the offset value sent by BS.

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-08/351r1

Reason for Group's Decision/Resolution

Group's Notes

(11/12) deferred

Result of vote to **Adopt C802.16maint-08/351r1: 15 in favor, 2 opposed, no abstentions**

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20043

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 41 Fig/Table# Subclause 8.4.11.3

Missing detailed instructions on how to measure CINR for neighbor and serving BS for the purpose of triggering a handoff.

Suggested Remedy

Insert this paragraph.

<insert>If a physical CINR measurement is made for the purpose of computing a handover trigger (Table 573) the CINR metric for the serving BS and the neighbor BS shall be estimates of the physical CINR measured on the preambles. For the serving BS, the physical CINR shall be computed according to the number of subcarriers indicated in the DL Frame Prefix "Used subchannel bitmap" field. If the number of used subcarriers is lower than or equal to one third of the total number of subcarriers, then CINR shall be computed according to the rule detailed above for frequency reuse configuration = 3. Otherwise the CINR shall be computed according to the rule detailed above for frequency reuse configuration = 1. For the neighbor BS the physical CINR shall be computed according to the reuse factor indicated in MOB_NBR-ADV "Preamble Index/Subchannel Index" field (Table 144). </insert>

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sylvain Labonte

Membership Status: Member

Date: 2008-10-29

Comment # A20044

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 51 Fig/Table# Subclause 8.4.11.3

Missing instructions on how to measure PCINR when SS has two antennas.

Suggested Remedy

<insert>

In case a physical CINR report on the preamble or a non-STC zone is instructed, and the SS has two receive antennas, the SS shall report the sum of the two antenna CINRs.</insert>

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

Remedy has no benefit from BS perspective.

Group's Notes

vote to call question: 10 in favor, none opposed, no abstain

result of vote to adopt resolution: 11 in favor, 4 against, 1 abstention.

Editor's Notes

Editor's Actions b) none needed

Comment by:Joey Chou

Membership Status:Member

Date:2008/10/29

Comment #A20045

Document under Review:P80216Rev2_D7

Ballot ID:sb_16Rev2a

Comment

TypeTechnical

Part of Dis☐

Satisfied☐

Page?

Line29

Fig/Table#

Subclause10.1

Ranging Correction Retries has no time reference. Indeed, it is the only parameter in Table 550 that does not have have Time Reference.

System	Name	Time reference	Minimum value	Default value	Maximum value
BS	Ranging Correction Retries	—	—	16	—

Suggested Remedy

Add time reference, or delete Ranging Correction Retries parameter

GroupResolution

Decision of Group:Principle

[Change 1: Change Table 550 as indicated:]

System	Name	Time reference	Minimum value	Default value	Maximum value

-					
BS	Ranging Correction Retries	<insert>Number of Ranging Correction Retries </insert>	—	16	—

[Change 2: incorporate "change 2" from C802.16maint-08/012r5]

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actionsa) done

MSP: I have made change 1. Cannot find r5 version specified in change 2 (found r4).

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20046

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 29 Fig/Table# Subclause 13.2.4

The maximum and minimum values of Paging Interval Length parameter have been changed in REV2. There is no default value

MS, BS

Paging Interval Length

Time duration of paging interval of the BS.

1 frame

—

5 frames

Suggested Remedy

wmanIf2mBsPagingInterval OBJECT-TYPE

SYNTAX Integer32 (<delete>8<delete><insert>1<insert> .. <delete>1024<delete><insert>5<insert>)

UNITS "frames"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Time duration of Paging Interval of the BS."

<delete> DEFVAL { 64 }<delete>

::= { wmanIf2mBsConfigurationEntry 10 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20047

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 45 Fig/Table# Subclause 10.1

Units of T56 and T57 parameters are not defined. The value is meaningless if unit is not defined

Suggested Remedy

BS T56 The time <insert>in seconds<insert>allowed between the SBC response and PKM-REQ.

BS T57 The time <insert>in seconds<insert>allowed between the PKM-REQ (Code=31) and PKM-REQ for security procedure initiation.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

Use of seconds as the reference unit is not supported by the rest of the standard.

Group's Notes

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by: Yeongmoon Son

Membership Status: Member

Date: 2008/10/29

Comment # A20048

Document under Review: IEEE802.16REV2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 42 Fig/Table# T600 Subclause 11.10

We have so far tried to eliminate ambiguity in decoding TLVs with multiple bytes of Value by replacing the byte-order definition with bit-wise definition. Unfortunately, there are still some TLV encodings that cause ambiguity in the interpretation of byte order as follows.

Downlink Operational Burst Profile (See table 580 on page 1204)

Downlink Operational Burst Profile for OFDMA (See table 580 on page 1206)

Maximum Tx power (See 118.3.2 on page 1226)

Which one does 'Byte #0' mean? Least significant 8 bits or most significant 8 bits?

Fortunately, there is a good example for byte order of TLV encoding regarding above issue.

If we look at table 600 on page 1276, 'Byte #0' is least significant 8 bit. Therefore, we can apply the same rule (i.e. Byte #0 is 'Least Significant' byte) to the above-mentioned three TLV encodings for the consistency.

Suggested Remedy

[adopt C80216maint-08_326.doc or later version]

GroupResolution

Decision of Group: Principle

adopt C802.16maint-08/326

Reason for Group's Decision/Resolution

Group's Notes

duplicate of a111

Editor's Notes

Editor's Actions b) none needed

Comment by:

Wonil Roh

Membership Status: Member

Date: 2008/10/29

Comment # A20049

Document under Review: IEEE802.16REV2/D7

Ballot ID: sb_16Rev2a

Comment Type **Technical** Part of Dis ☐ Satisfied ☐ Page ? Line **46** Fig/Table# Subclause **11.13.30**

Transport CID that has non-HARQ connection can only be transmitted inside non-HARQ burst as specified in section 11.13.30 in the standard. However, it is not clear in what type of burst (HARQ or non-HARQ) basic / primary / secondary CIDs having non-HARQ connection can be transmitted.

Considering the different behavior of HARQ bursts (that is, retransmitted on failure in decoding and delay caused by the retransmission) and to have systematic behavior for MAC management message without causing confusion (both in the transmitter and the receiver side) when dealing with MAC management messages that are HARQ disabled, basic / primary / secondary CIDs having non-HARQ connection should only be transmitted in non-HARQ PHY burst.

Only exception to it should be made for the generic MAC header format without payload like BRH or BRTH with the rationale below. As a response to Bandwidth Request RNG, BS transmits CDMA allocation IE, which is a non-HARQ burst, and the MS uses this allocation to request bandwidth for either non-HARQ connection or HARQ connection. That is, MS may use non-HARQ burst to request bandwidth for HARQ connection using tCID with HARQ connection enabled. Otherwise, there would be no way for MS to request for bandwidth for HARQ connection to BS.

On the contrary, there could be a situation there are only HARQ burst(s) allocated to the MS, while the MS needs to have bandwidth for non-HARQ connection (non-HARQ connection enabled bCID) to transmit MAC message (or traffic for non-HARQ connection). Then, it would be better to use the HARQ burst (already allocated to the MS) to request bandwidth for non-HARQ connection using BRH or BRTH rather than going through a new process starting from BR code RNG and so on, from the efficiency perspective.

In conclusion, MAC management messages with basic/primary/secondary CID that is non-HARQ connection enabled should be only transmitted in non-HARQ PHY burst, while the Generic MAC header format without payload (e.g., BRH, BRTH) being discriminated from the PDU with generic MAC header with payload containing MAC management message or CS data.

Suggested Remedy

[Modify the the last paragraph in section 11.13.30 by adding a new sentence as follows]

11.13.30 HARQ Service Flows field

The HARQ Service Flows field specifies whether the connection uses HARQ.

The relevance connections of this parameter when appears in SBC-REQ/RSP messages are Basic, Primary, and Secondary CIDs. HARQ is enabled independently in the UL and DL directions. For the UL management connections, this TLV is encapsulated in the compound UL service flow TLV Type = 145. For the DL management connections, this TLV is encapsulated in the compound DL service flow TLV Type = 146.

Transport CIDs that have HARQ connection enabled indication shall only be transmitted inside HARQ PHY burst type. Transport CIDs that have non-HARQ connection enabled indication shall only be transmitted inside non-HARQ PHY burst. Basic, Primary, and secondary CIDs that have HARQ connection enabled indication can be either transmitted inside HARQ or non-HARQ PHY burst type. Basic, primary, and secondary CIDs that have non-HARQ connection enabled indication except for those in the generic MAC header format without payload (e.g., BRH, BRTH) shall only be transmitted inside non-HARQ PHY burst.

Remedy is not grammatically/logically correct. Furthermore, there is no reason to limit the transmission of MAC management PDUs in HARQ allocations to those that have no payload. (The only reason I can think of is that if the order of reception of the MAC management PDUs is essential and some are received on a HARQ channel and some are not, then the reordering may be problematic. But those cases are rare, if any, and the standard already allows MAC management PDUs to be intermixed on HARQ and non-HARQ allocations when HARQ has been enabled for the management connections.) Suggested remedy:

Make changes as follows:

11.13.30 HARQ Service Flows field

The HARQ Service Flows field specifies whether the connection uses HARQ.

The ~~relevance~~relevant connections of this parameter when it appears in SBC-REQ/RSP messages are Basic, Primary,

and Secondary CIDs. HARQ is enabled independently in the UL and DL directions. For the UL management connections, this TLV is encapsulated in the compound UL service flow TLV Type = 145. For the DL management connections, this TLV is encapsulated in the compound DL service flow TLV Type = 146.

~~Transport CIDs that have HARQ connection enabled indication shall only be transmitted inside HARQ PHY burst type. Transport CIDs that have non-HARQ connection enabled indication shall only be transmitted inside non-HARQ PHY burst. Basic, Primary, and secondary CIDs that have HARQ connection enabled indication can be either transmitted inside HARQ or non-HARQ PHY burst type.~~The MS and BS shall transmit MAC PDUs on transport connections for which HARQ has been enabled in HARQ sub-bursts only, and shall transmit MAC PDUs on transport connections for which HARQ has not been enabled in non-HARQ bursts only. Unless HARQ has been enabled for the management connections, the BS shall transmit MAC management PDUs in non-HARQ bursts only. The MS should not discard a MAC management PDU received in a non-HARQ burst, even if HARQ has been enabled for the management connection. The BS should not discard a MAC management PDU without payload received in a HARQ allocation irrespectively of whether HARQ has been enabled for the management connection. The BS should not discard a MAC management PDU received in a non-HARQ allocation irrespectively of whether HARQ has been enabled for the management connection.

A non-HARQ burst is a burst for which the receiver cannot expect a HARQ retransmission.

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Yeongmoon Son

Membership Status: Member

Date: 2008/10/29

Comment # A20050

Document under Review: IEEE802.16REV2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 22 Fig/Table# Subclause 11.18.2

Currently in 16e systems, there is no method for a 16 MS to know the RAT information of neighboring BSs. 16e BS cannot inform the RAT information of neighboring BSs in the broadcasting message (the NBR-ADV or DCD/UCD message).
In this situation, in order to perform handover, the MS has to scan blindly. This causes additional complexity and throughput loss. The MS has to perform several scans without any information, and all the time that the MS is away causes loss of throughput.
To support intra/inter-RAT (radio access technology) handover in a common way, it is beneficial to provide a hook for a 16e BS to broadcast RAT information about the neighboring BSs. With this hook, 16e BS can advertise 16m BSs (intra-RAT) and can advertise LTE BSs (inter-RAT).

Suggested Remedy

[adopt C80216maint-08_325.doc or later version]

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

Incomplete reference and references to non-existent documents.

Group's Notes

Result of roll call vote: 18 in favor, 31 against, 6 abstentions (37% in favor)

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Erik Colban

Membership Status: Member

Date: 2008/10/29

Comment # A20051

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 36 Fig/Table# Subclause 11.21.4

The GPS Time TLV is encoded incorrectly and inefficiently

Suggested Remedy

Adopt contribution C802.16maint-08/308r2

GroupResolution

Decision of Group: Principle

Adopt contribution C802.16maint-08/308r4

Reason for Group's Decision/Resolution

Group's Notes

duplicate of A76

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Roger Marks

Membership Status: Member

Date: 2008-10-29

Comment # A20052

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 33 Fig/Table# Subclause 12.6

The language "Release 1r2" could be simplified.

Suggested Remedy

Change "Release 1r2" to "Release 2".

Make parallel change to Table 1 (page 2 line 62)

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Roger Marks

Membership Status: Member

Date: 2008-10-29

Comment # A20053

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 50 Fig/Table# Subclause 12.7

The language "Release 1r2" could be simplified.

Suggested Remedy

Change "Release 1r2" to "Release 2".

Make parallel change to Table 1 (page 3 line 8)

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20054**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 38 Fig/Table# Subclause 13.2.3

WmanIf2BasicCapOptions2 shall be changed to reflect the changes of Authorization policy support TLV in REV2.

Suggested Remedy

Change as the following:

WmanIf2BasicCapOptions2 ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"This type combines all the basic SS capabilities (excluding Phy and mobility specific) with the binary encoded fields. It reserves the space equivalent to the size of corresponding TLV and within this space it maps directly to the encoding specified in TLVs including all defined reserved bits."

REFERENCE

"Bit# subclauses:

bit 0-1: 11.8.4.1 (Pkm version)

2-7: reserved

bit 8-13: 11.8.4.2 (Authorization policy support)

14-15: reserved

bit 16: 11.8.4.3 (MAC mode - HMAC)

17: reserved

18-21: 11.8.4.3 (MAC mode - HMAC follow up)

22-23: reserved

bit 24-26: 11.8.6 (Extended subheader support)

27-31: reserved"

SYNTAX BITS {pkmVersionSupport1(0),
pkmVersionSupport2(1),
reserved2(2),
reserved3(3),

reserved4(4),
reserved5(5),
reserved6(6),
reserved7(7),
authPolicySupportRsaInitialEntry(8),
authPolicySupportEapInitialEntry(9),
<delete>authPolicySupportAuthEapInitialEntry <delete> <insert>reserved10<insert>(10),
authPolicySupportRsaReentry(11),
authPolicySupportEapReentry(12),
<delete>authPolicySupportAuthEapReentry <delete><insert>reserved11<insert>(13),

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20055**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 5	<u>Fig/Table#</u>	<u>Subclause</u> 13.2.3
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WmanIf2OfdmaCapOptions shall be changed to reflect the changes of Authorization policy support TLV in REV2.

1. Ctlr and Cclr should be upper case "I" instead of lower case "I"

 ofdmaDemodulatorHarqCtlr(14),

 reserved15(15),

 ofdmaDemodulatorHarqCclr(16),

2. add bit #22 and #23 of 11.8.3.5.5 OFDMA SS demodulator for MIMO support

Bit #22: Allocation granularity in a DL AMC STC zone with dedicated pilots for Matrix B

Bit #23: Concurrent allocation support in a DL AMC STC zone with dedicated pilots for bursts with different ranks

3. delete ofdmaCsitNotSupported(123)

Suggested Remedy

Change as the following:

WmanIf2OfdmaCapOptions ::= TEXTUAL-CONVENTION

 STATUS current

 DESCRIPTION

 "This type combines all OFDMA specific SS capabilities with the binary encoded fields. It reserves the space equivalent to the size of corresponding TLV and within this space it maps directly to the encoding specified in TLVs including all defined reserved bits."

 REFERENCE

 "Bit# subclauses:

 bits 0: reserved

 1-4: 11.8.3.5.1 (OFDMA FFT sizes)

 5-7: reserved

 bits 8-14,16-18: 11.8.3.5.2 (OFDMA SS demodulator)

 15,19-23: reserved

 bits 24-31: 11.8.3.5.3 (OFDMA SS modulator)

bits 32-39: 11.8.3.5.4 (OFDMA permutation)
bits 40-61: 11.8.3.5.5 (OFDMA SS demodulator for MIMO)
62-63: reserved
bits 64-71: 11.8.3.5.6 (OFDMA private map)
bits 72-76: 11.8.3.5.7 (OFDMA AAS)
77-79: reserved
bits 80-87: 11.8.3.5.8 (OFDMA CINR measurements)
bits 88-89: 11.8.3.5.9 (OFDMA power control)
90-95: reserved
bits 96-100: 11.8.3.5.10 (OFDMA map)
101-103: reserved
bits 104-106,108-111: 11.8.3.5.11 (OFDMA uplink control)
107: reserved
bits 112-123: 11.8.3.5.12 (OFDMA CSIT capability)
124-127: reserved"

SYNTAX BITS {reserved0(0),
ofdmaFftSize2048(1),
ofdmaFftSize128(2),
ofdmaFftSize512(3),
ofdmaFftSize1024(4),
reserved5(5),
reserved6(6),
reserved7(7),
ofdmaDemodulatorQam64(8),
ofdmaDemodulatorBtc(9),
ofdmaDemodulatorCtc(10),
ofdmaDemodulatorStc(11),
ofdmaDemodulatorCcWithInterleaver(12),
ofdmaDemodulatorHarqChase(13),
ofdmaDemodulatorHarqCtc<delete>I<delete><insert>I<insert>r(14),
reserved15(15),
ofdmaDemodulatorHarqCc<delete>I<delete><insert>I<insert>r(16),
ofdmaDemodulatorLdpc(17),
ofdmaDemodulatorDedicatedPilots(18),
reserved19(19),
reserved20(20),
reserved21(21),
reserved22(22),
reserved23(23),
ofdmaModulatorQam64(24),
ofdmaModulatorBtc(25),

ofdmaModulatorCtc(26),
ofdmaModulatorStc(27),
ofdmaModulatorHarqChase(28),
ofdmaModulatorHarqCtclr(29),
ofdmaModulatorHarqCclr(30),
ofdmaModulatorHarqLdpc(31),
ofdmaPermutationOptionalPusc(32),
ofdmaPermutationOptionalFusc(33),
ofdmaPermutationAmc1x6(34),
ofdmaPermutationAmc2x3(35),
ofdmaPermutationAmc3x2(36),
ofdmaPermutationAmcWithHarqMap(37),
ofdmaPermutationTusc1(38),
ofdmaPermutationTusc2(39),
ofdmaDemodMimo2AntStcMatrixA(40),
ofdmaDemodMimo2AntStcMatrixBVCoding(41),
ofdmaDemodMimo2AntStcMatrixBHCoding(42),
ofdmaDemodMimo4AntStcMatrixA(43),
ofdmaDemodMimo4AntStcMatrixBVCoding(44),
ofdmaDemodMimo4AntStcMatrixBHCoding(45),
ofdmaDemodMimo4AntStcMatrixCVCoding(46),
ofdmaDemodMimo4AntStcMatrixCHCoding(47),
ofdmaDemodMimo3AntStcMatrixA(48),
ofdmaDemodMimo3AntStcMatrixB(49),
ofdmaDemodMimo3AntStcMatrixCVCoding(50),
ofdmaDemodMimo3AntStcMatrixCHCoding(51),
ofdmaDemodMimoCalcPrecodingWight(52),
ofdmaDemodMimoAdaptiveRateCtrl(53),
ofdmaDemodMimoCalcChanMatrix(54),
ofdmaDemodMimoAntGroup(55),
ofdmaDemodMimoAntSelect(56),
ofdmaDemodMimoCodebookPrecoding(57),
ofdmaDemodMimoLongTermPrecoding(58),
ofdmaDemodMimoMidamble(59),
ofdmaDemodAllocGranDIPuscStc(60),
ofdmaDemodConcurrentAllocDIPuscStc(61),
<delete>reserved62<delete><insert>ofdmaDemodDedicatedPilotMatrixB<insert>(62),
<delete>reserved63<delete><insert>ofdmaDemodDedicatedPilotBurst<insert>(63),
ofdmaPrivateMapHarqMap(64),
ofdmaPrivateMap(65),
ofdmaPrivateMapReduced(66),

ofdmaPrivateMapChainEnable(67),
ofdmaPrivateMapDIFrameOffset(68),
ofdmaPrivateMapUIFrameOffset(69),
ofdmaPrivateMapChainConcurrency0(70),
ofdmaPrivateMapChainConcurrency1(71),
ofdmaAasZone(72),
ofdmaAasDiversityMapScan(73),
ofdmaAasFeedbackRsp(74),
ofdmaAasDIPreamble(75),
ofdmaAasUIPreamble(76),
reserved77(77),
reserved78(78),
reserved79(79),
ofdmaCinrPhysicalPreamble(80),
ofdmaCinrPhysicalPilotSubc(81),
ofdmaCinrPhysicalDataSubc(82),
ofdmaCinrEffectivePreamble(83),
ofdmaCinrEffectivePilotSubc(84),
ofdmaCinrEffectiveDataSubc(85),
ofdmaCinr2CqiChannel(86),
ofdmaFreqSelectivityReport(87),
ofdmaPwrCtrlOpenLoop(88),
ofdmaPwrCtrlAasPreamble(89),
reserved90(90),
reserved91(91),
reserved92(92),
reserved93(93),
reserved94(94),
reserved95(95),
ofdmaMapHarq(96),
ofdmaMapExtendedHarqle(97),
ofdmaMapSubMapForFirstZone(98),
ofdmaMapSubMapForOtherZones(99),
ofdmaMapDIRegionDefinition(100),
reserved101(101),
reserved102(102),
reserved103(103),
ofdmaUICtrl3BitMimoFastFeedback(104),
ofdmaUICtrlEnhancedFastFeedback(105),
ofdmaUICtrlUIAck(106),
reserved107(107),

ofdmaUICtrlUepFastFeedback(108),
ofdmaUICtrlFastDlMeasurementFeedback(109),
ofdmaUICtrlPriSecFastFeedback(110),
ofdmaDiucCqiFastFeedback(111),
ofdmaCsitTypeA(112),
ofdmaCsitTypeB(113),
ofdmaPowerAssignment(114),
ofdmaSoundingRspTime0(115),
ofdmaSoundingRspTime1(116),
ofdmaSoundingRspTime2(117),
ofdmaMaxSimuSoundInst0(118),
ofdmaMaxSimuSoundInst1(119),
ofdmaMaxSimuSoundInst2(120),
ofdmaMaxSimuSoundInst3(121),
ofdmaNoP9Or18ForCsitTypeA(122),
<delete>ofdmaCsitNotSupported<insert>reserved123<insert>(123),
reserved124(124),
reserved125(125),
reserved126(126),
reserved127(127)}

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20056**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 35	<u>Fig/Table#</u>	<u>Subclause</u> 13.2.3
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Reflect changes in REV2

1. add 11.8.3.5.15 SDMA Pilot capability to bits 17, 18
2. Change WmanIf2OfdmaCapOptions2 from
bits 24-25: 11.8.3.5.15 (OFDMA multicast bursts) to
bits 24-25: 11.8.3.5.16 OFDMA multiple DL burst profile capability

Suggested Remedy

Change as the following:

WmanIf2OfdmaCapOptions2 ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"This type combines all OFDMA specific SS capabilities with the binary encoded fields. It reserves the space equivalent to the size of corresponding TLV and within this space it maps directly to the encoding specified in TLVs including all defined reserved bits."

REFERENCE

"Bit# subclauses:

bits 0-7: 11.8.3.5.13 (OFDMA max bursts in HARQ)

bits 8-16: 11.8.3.5.14 (OFDMA modulator for MIMO)

<insert> bits 17-18: 11.8.3.5.15 (SDMA Pilot capability) <insert>

1<delete>7<delete> <insert>9 <insert>-23: reserved<delete>

bits 24-25: 11.8.3.5.16 (<delete>OFDMA multicast bursts<delete> <insert>multiple DL burst profile<insert> capability)

26-31: reserved

bits 32-36: 11.8.3.5.17.1 (OFDMA HARQ incremental buf DL)

37-39: reserved

bits 40-44: 11.8.3.5.17.1 (OFDMA HARQ incremental buf UL)

45-47: reserved

bits 48-54: 11.8.3.5.17.2 (OFDMA HARQ chase DL)

55: reserved

bits 56-62: 11.8.3.5.17.2 (OFDMA HARQ chase UL)

63: reserved

bits 64-70: 11.8.3.5.18 (OFDMA parameter set)

71: reserved"

SYNTAX BITS {ofdmaMaxHarqBurstsUI0(0),
 ofdmaMaxHarqBurstsUI1(1),
 ofdmaMaxHarqBurstsUI2(2),
 ofdmaMaxHarqBurstsUINonHarqIncluded(3),
 ofdmaMaxHarqBurstsDI0(4),
 ofdmaMaxHarqBurstsDI1(5),
 ofdmaMaxHarqBurstsDI2(6),
 ofdmaMaxHarqBurstsDI3(7),
 ofdmaMimoMod2AntStcMatrixA(8),
 ofdmaMimoMod2AntStcMatrixBVCoding(9),
 ofdmaMimoMod2AntStcMatrixBHCoding(10),
 ofdmaMimoModBeamforming(11),
 ofdmaMimoModAdaptiveRateControl(12),
 ofdmaMimoModSingleAnt(13),
 ofdmaMimoModCollaborativeSm1Ant(14),
 ofdmaMimoModCollaborativeSm2Ants(15),
 ofdmaMimoModDisableUISubchRotation(16),
<insert>ofdmaSdmaPilotPatternSupport0(17),
 ofdmaSdmaPilotPatternSupport1(18),<insert>
 <delete>reserved17(17),
 reserved18(18),<delete>
 reserved19(19),
 reserved20(20),
 reserved21(21),
 reserved22(22),
 reserved23(23),
 ofdma<delete>McastBursts<delete>DIMultiFecTypes(24),
 ofdma<delete>McastBursts<delete>UIMultiFecTypes(25),
 reserved26(26),
 reserved27(27),
 reserved28(28),
 reserved29(29),
 reserved30(30),
 reserved31(31),
 ofdmaHarqIncrBufDINep0(32),

ofdmaHarqIncrBufDINep1(33),
ofdmaHarqIncrBufDINep2(34),
ofdmaHarqIncrBufDINep3(35),
ofdmaHarqIncrBufDIAggFlag(36),
reserved37(37),
reserved38(38),
reserved39(39),
ofdmaHarqIncrBufUINep0(40),
ofdmaHarqIncrBufUINep1(41),
ofdmaHarqIncrBufUINep2(42),
ofdmaHarqIncrBufUINep3(43),
ofdmaHarqIncrBufUIAggFlag(44),
reserved45(45),
reserved46(46),
reserved47(47),
ofdmaHarqChaseBufDIComb0(48),
ofdmaHarqChaseBufDIComb1(49),
ofdmaHarqChaseBufDIComb2(50),
ofdmaHarqChaseBufDIComb3(51),
ofdmaHarqChaseBufDIComb4(52),
ofdmaHarqChaseBufDIComb5(53),
ofdmaHarqChaseBufDIAggFlag(54),
reserved55(55),
ofdmaHarqChaseBufUIComb0(56),
ofdmaHarqChaseBufUIComb1(57),
ofdmaHarqChaseBufUIComb2(58),
ofdmaHarqChaseBufUIComb3(59),
ofdmaHarqChaseBufUIComb4(60),
ofdmaHarqChaseBufUIComb5(61),
ofdmaHarqChaseBufUIAggFlag(62),
reserved63(63),
odfmaParamSetPhyA(64),
odfmaParamSetPhyB(65),
odfmaParamSetHarq0(66),
odfmaParamSetHarq1(67),
odfmaParamSetHarq2(68),
odfmaParamSetMacA(69),
odfmaParamSetMacB(70),
reserved71(71)}

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions [a\) done](#)

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20057**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 57	<u>Fig/Table#</u>	<u>Subclause</u> 13.2.3
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11.13.17.3 ARQ_RETRY_TIMEOUT TLV

TRANSMITTER_DELAY

0-6553500 μ s (100 μ s granularity)

RECEIVER_DELAY

0-6553500 μ s (100 μ s granularity)

11.13.17.4 ARQ_BLOCK_LIFETIME TLV

0 = Infinite

1-6553500 μ s (100 μ s granularity)

Change the units of wmanIf2BsSs2ndMgmtArqDnLinkTxDelay, wmanIf2BsSs2ndMgmtArqUnLinkTxDelay, wmanIf2BsSs2ndMgmtArqDnLinkRxDelay, wmanIf2BsSs2ndMgmtArqUnLinkRxDelay, wmanIf2BsSs2ndMgmtArqBlockLifetime, and wmanIf2BsSs2ndMgmtArqSyncLossTimeout to 100us

Suggested Remedy

Change as the following:

wmanIf2BsSs2ndMgmtArqDnLinkTxDelay OBJECT-TYPE

SYNTAX Integer32 (0 .. 65535)

UNITS "<insert>100 <insert> microsecond"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"The object defines the ARQ transmitter delay for downlink transmission."

REFERENCE

"Subclause 11.13.17.3"

::= { wmanIf2BsRegisteredSsEntry 10 }

wmanIf2BsSs2ndMgmtArqUpLinkTxDelay OBJECT-TYPE

SYNTAX Integer32 (0 .. 65535)

UNITS "<insert>100 <insert> microsecond"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"The object defines the ARQ transmitter delay for
uplink transmission."

REFERENCE

"Subclause 11.13.17.3"

::= { wmanIf2BsRegisteredSsEntry 11 }

wmanIf2BsSs2ndMgmtArqDnLinkRxDelay OBJECT-TYPE

SYNTAX Integer32 (0 .. 65535)

UNITS "<insert>100 <insert> microsecond"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"The object defines the ARQ receiver delay for
downlink transmission."

REFERENCE

"Subclause 11.13.17.3"

::= { wmanIf2BsRegisteredSsEntry 12 }

wmanIf2BsSs2ndMgmtArqUpLinkRxDelay OBJECT-TYPE

SYNTAX Integer32 (0 .. 65535)

UNITS "<insert>100 <insert> microsecond"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"The object defines the ARQ receiver delay for
uplink transmission."

REFERENCE

"Subclause 11.13.17.3"

::= { wmanIf2BsRegisteredSsEntry 13 }

wmanIf2BsSs2ndMgmtArqBlockLifetime OBJECT-TYPE

SYNTAX Integer32 (0 .. 65535)

UNITS "10<insert>0<insert> us"

MAX-ACCESS read-only

STATUS current
DESCRIPTION

"The maximum time interval an ARQ fragment will be managed by the transmitter ARQ machine, once initial transmission of the fragment has occurred. If transmission or retransmission of the fragment is not acknowledged by the receiver before the time limit is reached, the fragment is discarded. A value of 0 means Infinite."

REFERENCE

"Subclause 11.13.17.4"

DEFVAL {0}

::= { wmanIf2BsRegisteredSsEntry 14 }

wmanIf2BsSs2ndMgmtArqSyncLossTimeout OBJECT-TYPE

SYNTAX Integer32 (0 .. 65535)

UNITS "10<insert>0<insert> us"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"The maximum interval before declaring a loss of synchronization of the sender and receiver state machines. A value of 0 means Infinite."

REFERENCE

"Subclause 11.13.17.5"

DEFVAL {0}

::= { wmanIf2BsRegisteredSsEntry 15 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20058**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

Comment Type **Technical** Part of Dis ☐ Satisfied ☐ Page ? Line **20** Fig/Table# Subclause **13.2.3**

Change the syntax of wmanIf2BsSs2ndMgmtArqDeliverInOrder to a TEXTUAL-Convention WmanIf2TcArqDeliveInOrder. So, it can be reused in wmanIf2mBsMib

Suggested Remedy

1. Insert WmanIf2TcArqDeliveInOrder to wmanIf2TcMib

<insert>

WmanIf2TcArqDeliveInOrder ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"The value of this object indicates whether data is to be delivered by the receiving MAC to its client application in order or not."

REFERENCE

"Subclause 11.13.17.6"

SYNTAX INTEGER {orderOfDeliveryNotPreserved(0), orderOfDeliveryPreserved(1)}<insert>

2. Import WmanIf2TcArqDeliveInOrder to wmanIf2BsMib

3.

wmanIf2BsSs2ndMgmtArqDeliveInOrder OBJECT-TYPE

SYNTAX <delete>TruthValue<delete><insert>WmanIf2TcArqDeliveInOrder<insert>

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"Indicates whether or not data is to be delivered by the receiving MAC to its client application in the order in which data was handed off to the originating MAC."

REFERENCE

"Subclause 11.13.17.6"
 ::= { wmanIf2BsRegisteredSsEntry 16 }

4.

```
WmanIf2BsRegisteredSsEntry ::= SEQUENCE {  
    wmanIf2BsSsUserGroupId      WmanIf2UserGroups,  
    wmanIf2BsSsMacAddress       MacAddress,  
    wmanIf2BsSsBasicCid         WmanIf2TcCidType,  
    wmanIf2BsSsPrimaryCid       WmanIf2TcCidType,  
    wmanIf2BsSsSecondaryCid     WmanIf2TcCidType,  
    wmanIf2BsSsManagementSupport Integer32,  
    wmanIf2BsSsIpManagementMode Integer32,  
    wmanIf2BsSs2ndMgmtArqEnable TruthValue,  
    wmanIf2BsSs2ndMgmtArqWindowSize Integer32,  
    wmanIf2BsSs2ndMgmtArqDnLinkTxDelay Integer32,  
    wmanIf2BsSs2ndMgmtArqUpLinkTxDelay Integer32,  
    wmanIf2BsSs2ndMgmtArqDnLinkRxDelay Integer32,  
    wmanIf2BsSs2ndMgmtArqUpLinkRxDelay Integer32,  
    wmanIf2BsSs2ndMgmtArqBlockLifetime Integer32,  
    wmanIf2BsSs2ndMgmtArqSyncLossTimeout Integer32,  
    wmanIf2BsSs2ndMgmtArqDeliverInOrder delete>TruthValue<delete><insert>WmanIf2TcArqDeliveInOrder<insert>,&br/>    wmanIf2BsSs2ndMgmtArqRxPurgeTimeout Integer32,  
    wmanIf2BsSs2ndMgmtArqBlockSize Integer32,  
    wmanIf2BsSsVendorIdEncoding OCTET STRING,  
    wmanIf2BsSsAasBroadcastPermission Integer32,  
    wmanIf2BsSsMacVersion       WmanIf2TcMacVersion}
```

GroupResolution

Decision of Group: [Agree](#)

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions [a\) done](#)

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20059

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 39 Fig/Table# Subclause 13.2.3

11.13.17.7 ARQ_RX_PURGE_TIMEOUT TLV

0 = Infinite

0-6553500 μ s (100 μ s granularity)

Change the UNIT of wmanIf2BsSs2ndMgmtArqRxPurgeTimeout to 100 us

Suggested Remedy

Change as the following:

wmanIf2BsSs2ndMgmtArqRxPurgeTimeout OBJECT-TYPE
SYNTAX Integer32 (0 .. 65535)
UNITS "10<insert>0<insert> us"
MAX-ACCESS read-only
STATUS current
DESCRIPTION
"Indicates the time interval the ARQ window is advanced
after a fragment is received. A value of 0 means Infinite."
REFERENCE
"Subclause 11.13.17.7"
DEFVAL {0}
::= { wmanIf2BsRegisteredSsEntry 17 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

[a\) done](#)

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20060

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 25 Fig/Table# Subclause 13.2.3

Descriptions of UCD Transition Interval and DCD Transition Interval have been changed in REV2

Suggested Remedy

Change as the following:

wmanIf2BsUcdTransition OBJECT-TYPE

SYNTAX Integer32 (2..65535)

UNITS "<delete>Number of MAC Frames<delete><insert>millisecond<insert>"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"<delete>The number of frames from the end of the frame carrying
the UCD message the BS shall wait after transmitting a
UCD message with an incremented Configuration Change
Count before issuing a UL-MAP message referring to
Uplink_Burst_Profiles defined in that UCD message.<delete>

<insert>The time the BS shall wait after
repeating a UCD message with
an incremented Configuration
Change Count before issuing a
UL-MAP message referring to
Uplink_Burst_Profiles defined
in that UCD message.<insert>

Minimum value = 20ms following the last fragment of the
message"

::= { wmanIf2BsConfigurationEntry 3 }

wmanIf2BsDcdTransition OBJECT-TYPE

SYNTAX Integer32 (2..65535)

UNITS "<delete>Number of MAC Frames<delete><insert>millisecond<insert>"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"<delete>The number of frames from the end of the frame carrying the DCD message the BS shall wait after transmitting a DCD message with an incremented Configuration Change Count before issuing a DL-MAP message referring to Downlink_Burst_Profiles defined in that DCD message.<delete>

<insert>The time the BS shall wait after repeating a DCD message with an incremented Configuration Change Count before issuing a DL-MAP message referring to Downlink_Burst_Profiles defined in that DCD message.<insert>

Minimum value = 20ms following the last fragment of the message"

::= { wmanIf2BsConfigurationEntry 4 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20061**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 37 Fig/Table# Subclause 13.2.3

"DSx Request Retries", "DSx Response Retries", "T7", and "T8" parameters in WmanIf2BsConfigurationEntry are out of order. Move them the proper place in the table

Suggested Remedy

Change as the following:

```
WmanIf2BsConfigurationEntry ::= SEQUENCE {
    wmanIf2BsDcdInterval      Integer32,
    wmanIf2BsUcdInterval      Integer32,
    wmanIf2BsUcdTransition    Integer32,
    wmanIf2BsDcdTransition    Integer32,
    wmanIf2BsInitialRangingInterval Integer32,
    wmanIf2BsSsULMapProcTime  Unsigned32,
    wmanIf2BsSsRangRespProcTime Unsigned32,
<insert>
    wmanIf2BsDsxRequestRetries Integer32,
    wmanIf2BsDsxResponseRetries Integer32,
    wmanIf2BsT7Timeout         Integer32,
    wmanIf2BsT8Timeout         Integer32, <insert>
    wmanIf2BsT9Timeout         Integer32,
    wmanIf2BsT13Timeout        Integer32,
    wmanIf2BsT15Timeout        Integer32,
    wmanIf2BsT17Timeout        Integer32,
    wmanIf2BsT27IdleTimer      Unsigned32,
    wmanIf2BsT27ActiveTimer    Unsigned32,
    wmanIf2Bs2ndMgmtDIQoSProfileIndex Integer32,
    wmanIf2Bs2ndMgmtUIQoSProfileIndex Integer32,
    wmanIf2BsAutoSfidEnabled    Integer32,
    wmanIf2BsAutoSfidRangeMin   Unsigned32,
    wmanIf2BsAutoSfidRangeMax   Unsigned32,
    wmanIf2BsAasChanFbckReqFreq Integer32,
    wmanIf2BsAasBeamSelectFreq  Integer32,
    wmanIf2BsAasChanFbckReqResolution Integer32,
    wmanIf2BsAasBeamReqResolution Integer32,
```

```

wmanIf2BsAasNumOptDiversityZones      Integer32,
wmanIf2BsResetSector                   Integer32,
wmanIf2BsSaChallengeTimer              Integer32,
wmanIf2BsSaChallengeMaxResends         Integer32,
wmanIf2BsSaTekTimer                    Integer32,
wmanIf2BsSaTekReqMaxResends            Integer32,
wmanIf2Bs2ndEapTimeout                 Integer32,
wmanIf2BsEapCompleteResends            Integer32,
wmanIf2BsInvitedRangRetries            Integer32,
<delete>wmanIf2BsDSxReqRetries          Unsigned32,
wmanIf2BsDSxRespRetries                Unsigned32,
wmanIf2BsT7Timeout                     Integer32,
wmanIf2BsT8Timeout                     Integer32,<delete>
wmanIf2BsT10Timeout                    Integer32,
wmanIf2BsT22Timeout                    Integer32}

```

<insert>

-- XXX

wmanIf2BsDsxRequestRetries OBJECT-TYPE

SYNTAX Integer32 (0 .. 65535)

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Number of Timeout Retries on DSA/DSC/DSD Requests"

DEFVAL { 3 }

::= { wmanIf2BsConfigurationEntry 6 }

-- XXX

wmanIf2BsDsxResponseRetries OBJECT-TYPE

SYNTAX Integer32 (0 .. 65535)

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Number of Timeout Retries on DSA/DSC/DSD Requests"

DEFVAL { 3 }

::= { wmanIf2BsConfigurationEntry 6 }

-- XXX

wmanIf2BsT7Timeout OBJECT-TYPE

SYNTAX Integer32 (0 .. 1000)

UNITS "milliseconds"

MAX-ACCESS read-write
STATUS current
DESCRIPTION
 "Wait for DSA/DSC/DSD Response timeout"
::= { wmanIf2BsConfigurationEntry 7 }

-- XXX

wmanIf2BsT8Timeout OBJECT-TYPE
 SYNTAX Integer32 (0 .. 300)
 UNITS "milliseconds"
 MAX-ACCESS read-write
 STATUS current
 DESCRIPTION
 "Wait for DSA/DSC/DSD Response timeout"
 ::= { wmanIf2BsConfigurationEntry 8 }

<insert>

<delete>

wmanIf2BsDSxReqRetries OBJECT-TYPE
 SYNTAX Unsigned32
 MAX-ACCESS read-write
 STATUS current
 DESCRIPTION
 "Number of Timeout Retries on DSA/DSC/DSD Requests."
 DEFVAL { 3 }
 ::= { wmanIf2BsConfigurationEntry 34 }

wmanIf2BsDSxRespRetries OBJECT-TYPE
 SYNTAX Unsigned32
 MAX-ACCESS read-write
 STATUS current
 DESCRIPTION
 "Number of Timeout Retries on DSA/DSC/DSD Responses."
 DEFVAL { 3 }
 ::= { wmanIf2BsConfigurationEntry 35 }

wmanIf2BsT7Timeout OBJECT-TYPE
 SYNTAX Integer32 (0 .. 1000)
 UNITS "milliseconds"
 MAX-ACCESS read-write
 STATUS current

DESCRIPTION

"Wait for DSA/DSC/DSD Response Timeout in ms."
::= { wmanIf2BsConfigurationEntry 36 }

wmanIf2BsT8Timeout OBJECT-TYPE

SYNTAX Integer32 (0 .. 300)

UNITS "milliseconds"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Wait for DSA/DSC/DSD Acknowledge Timeout in ms."
::= { wmanIf2BsConfigurationEntry 37 }

<delete>

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20062**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 50 Fig/Table# Subclause 13.2.3

"T10" and "T22" objects in WmanIf2BsConfigurationEntry are out of order. Move T10 and T22 to the proper place in the table .

Also add default values to T13, T15, and T17 parameters as per REV2.

Suggested Remedy

Change as the following:

```
WmanIf2BsConfigurationEntry ::= SEQUENCE {
    wmanIf2BsDcdInterval          Integer32,
    wmanIf2BsUcdInterval          Integer32,
    wmanIf2BsUcdTransition        Integer32,
    wmanIf2BsDcdTransition        Integer32,
    wmanIf2BsInitialRangingInterval Integer32,
    wmanIf2BsSsULMapProcTime      Unsigned32,
    wmanIf2BsSsRangRespProcTime   Unsigned32,
    wmanIf2BsT9Timeout            Integer32,
    <insert>wmanIf2BsT10Timeout     Integer32,<insert>
    wmanIf2BsT13Timeout           Integer32,
    wmanIf2BsT15Timeout           Integer32,
    wmanIf2BsT17Timeout           Integer32,
    <insert>wmanIf2BsT22Timeout     Integer32,<insert>
    wmanIf2BsT27IdleTimer         Unsigned32,
    wmanIf2BsT27ActiveTimer       Unsigned32,
    wmanIf2Bs2ndMgmtDIQoSProfileIndex Integer32,
    wmanIf2Bs2ndMgmtUIQoSProfileIndex Integer32,
    wmanIf2BsAutoSfidEnabled      Integer32,
    wmanIf2BsAutoSfidRangeMin     Unsigned32,
    wmanIf2BsAutoSfidRangeMax     Unsigned32,
    wmanIf2BsAasChanFbckReqFreq   Integer32,
    wmanIf2BsAasBeamSelectFreq    Integer32,
    wmanIf2BsAasChanFbckReqResolution Integer32,
    wmanIf2BsAasBeamReqResolution Integer32,
    wmanIf2BsAasNumOptDiversityZones Integer32,
    wmanIf2BsResetSector          Integer32,
```

wmanIf2BsSaChallengeTimer	Integer32,
wmanIf2BsSaChallengeMaxResends	Integer32,
wmanIf2BsSaTekTimer	Integer32,
wmanIf2BsSaTekReqMaxResends	Integer32,
wmanIf2Bs2ndEapTimeout	Integer32,
wmanIf2BsEapCompleteResends	Integer32,
wmanIf2BsInvitedRangRetries	Integer32,
wmanIf2BsDSxReqRetries	Unsigned32,
wmanIf2BsDSxRespRetries	Unsigned32,
wmanIf2BsT7Timeout	Integer32,
wmanIf2BsT8Timeout	Integer32<delete>,
wmanIf2BsT10Timeout	Integer32,
wmanIf2BsT22Timeout	Integer32<delete>}

<insert>

-- xxx

wmanIf2BsT10Timeout OBJECT-TYPE

SYNTAX Integer32 (0 .. 3000)

UNITS "milliseconds"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Wait for Transaction End timeout."

::= { wmanIf2BsConfigurationEntry 10 }<insert>

wmanIf2BsT13Timeout OBJECT-TYPE

SYNTAX Integer32 (15 .. 65535)

UNITS "minutes"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"The time allowed for an SS, following receipt of a
REG-RSP message to send a TFTP-CPLT message to the BS
in min."

<insert>DEFVAL { 15 }<insert>

::= { wmanIf2BsConfigurationEntry 11 }

wmanIf2BsT15Timeout OBJECT-TYPE

SYNTAX Integer32 (20 .. 65535)

UNITS "milliseconds"

MAX-ACCESS read-write
STATUS current
DESCRIPTION
 "Wait for MCA-RSP in ms."
<insert>DEFVAL { 20 }<insert>
::= { wmanIf2BsConfigurationEntry 12 }

wmanIf2BsT17Timeout OBJECT-TYPE
SYNTAX Integer32 (5 .. 65535)
UNITS "minutes"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
 "Time allowed for SS to complete SS Authorization and
 Key Exchange in minutes."
<insert>DEFVAL { 5 }<insert>
::= { wmanIf2BsConfigurationEntry 12 }

<insert>

-- xxx

wmanIf2BsT22Timeout OBJECT-TYPE
SYNTAX Integer32 (1 .. 500)
UNITS "milliseconds"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
 "Wait for ARQ-Reset."
::= { wmanIf2BsConfigurationEntry 14 }<insert>

<delete>

wmanIf2BsT10Timeout OBJECT-TYPE
SYNTAX Integer32 (0 .. 3000)
UNITS "milliseconds"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
 "Wait for Transaction End timeout in ms."
::= { wmanIf2BsConfigurationEntry 38 }

wmanIf2BsT22Timeout OBJECT-TYPE
SYNTAX Integer32 (0 .. 500)

UNITS "milliseconds"
MAX-ACCESS read-write
STATUS current
DESCRIPTION

"Wait for ARQ Reset in ms."

::= { wmanIf2BsConfigurationEntry 39 }

<delete>

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20063**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 36 Fig/Table# Subclause 13.2.3

T49, T56, T57, DL_radio_resources_window_size, and UL_radio_resources_window_size have been added in REV2in in REV2.

Suggested Remedy

```
WmanIf2BsConfigurationEntry ::= SEQUENCE {
    wmanIf2BsDcdInterval      Integer32,
    wmanIf2BsUcdInterval      Integer32,
    wmanIf2BsUcdTransition    Integer32,
    wmanIf2BsDcdTransition    Integer32,
    wmanIf2BsInitialRangingInterval Integer32,
    wmanIf2BsInvitedRangingRetries Integer32,
    wmanIf2BsSsULMapProcTime   Unsigned32,
    wmanIf2BsSsRangRespProcTime Unsigned32,
    wmanIf2BsDsxRequestRetries Integer32,
    wmanIf2BsDsxResponseRetries Integer32,
    wmanIf2BsT7Timeout         Integer32,
    wmanIf2BsT8Timeout         Integer32,
    wmanIf2BsT9Timeout         Integer32,
    wmanIf2BsT10Timeout        Integer32,
    wmanIf2BsT13Timeout        Integer32,
    wmanIf2BsT15Timeout        Integer32,
    wmanIf2BsT17Timeout        Integer32,
    wmanIf2BsT22Timeout        Integer32,
    wmanIf2BsT27IdleTimer      Unsigned32,
    wmanIf2BsT27ActiveTimer    Unsigned32,
    wmanIf2Bs2ndMgmtDIQoSProfileIndex Integer32,
    wmanIf2Bs2ndMgmtUIQoSProfileIndex Integer32,
    wmanIf2BsAutoSfidEnabled   Integer32,
    wmanIf2BsAutoSfidRangeMin  Unsigned32,
    wmanIf2BsAutoSfidRangeMax  Unsigned32,
```

wmanIf2BsAasChanFbckReqFreq	Integer32,
wmanIf2BsAasBeamSelectFreq	Integer32,
wmanIf2BsAasChanFbckReqResolution	Integer32,
wmanIf2BsAasBeamReqResolution	Integer32,
wmanIf2BsAasNumOptDiversityZones	Integer32,
wmanIf2BsResetSector	Integer32,
wmanIf2BsSaChallengeTimer	Integer32,
wmanIf2BsSaChallengeMaxResends	Integer32,
wmanIf2BsSaTekTimer	Integer32,
wmanIf2BsSaTekReqMaxResends	Integer32,
<insert>wmanIf2BsT49Timeout	Integer32,
wmanIf2BsT56Timeout	Integer32,
wmanIf2BsT57Timeout	Integer32,
wmanIf2BsDIRadioRsrcWindowSize	Integer32,
wmanIf2BsUIRadioRsrcWindowSize	Integer32,<insert>
wmanIf2BsInvitedRangRetries	Integer32,
wmanIf2BsDSxReqRetries	Unsigned32,
wmanIf2BsDSxRespRetries	Unsigned32,
wmanIf2BsT7Timeout	Integer32,
wmanIf2BsT8Timeout	Integer32,
wmanIf2BsT10Timeout	Integer32,
wmanIf2BsT22Timeout	Integer32}

<insert>

wmanIf2BsT49Timeout OBJECT-TYPE

SYNTAX Integer32 (5 .. 50)

UNITS "seconds"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Maximum duration that BS shall wait to receive RNG-REQ messages from MS on UI transmission opportunities after keep-alive check operation starts in the frame specified by Next Periodic Ranging TLV encoding (refer to 6.3.20.7.1)"

::= { wmanIf2BsConfigurationEntry 36 }

wmanIf2BsT56Timeout OBJECT-TYPE

SYNTAX Integer32 (5 .. 50)

UNITS "seconds"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"The time allowed between the SBC response and PKM-REQ."

::= { wmanIf2BsConfigurationEntry 37 }

-- xxx

wmanIf2BsT57Timeout OBJECT-TYPE

SYNTAX Integer32 (5 .. 50)

UNITS "seconds"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"The time allowed between the PKM-REQ (Code=31) and PKM-REQ
for security procedure initiation."

::= { wmanIf2BsConfigurationEntry 38 }

-- xxx

wmanIf2BsDIRadioRsrcWindowSize OBJECT-TYPE

SYNTAX Integer32 (1 .. 65535)

UNITS "frames"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"The number of frames over which the Available UL Radio
Resources are calculated."

DEFVAL { 200 }

::= { wmanIf2BsConfigurationEntry 39 }

-- xxx

wmanIf2BsUIRadioRsrcWindowSize OBJECT-TYPE

SYNTAX Integer32 (1 .. 65535)

UNITS "frames"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"The number of frames over which the Available DL Radio
Resources are calculated."

DEFVAL { 200 }

::= { wmanIf2BsConfigurationEntry 40 }

<insert>

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20064

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 38 Fig/Table# Subclause 13.2.3

BS Second EAP Timeout and BS EAP Complete have been deleted in in REV2.

Suggested Remedy

<delete>

wmanIf2Bs2ndEapTimeout OBJECT-TYPE

SYNTAX Integer32 (300 .. 1000)

UNITS "milliseconds"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Time, in seconds, to wait for PKMv2_EAP_Start or
PKMv2_Authenticated_EAP_Start after the success of the
first EAP in double EAP mode."

DEFVAL { 1000 }

::= { wmanIf2BsConfigurationEntry 31 }

wmanIf2BsEapCompleteResends OBJECT-TYPE

SYNTAX Integer32 (1 .. 3)

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Total number of sending PKMv2_EAP_Complete message in
double EAP mode."

DEFVAL { 3 }

::= { wmanIf2BsConfigurationEntry 32 }<delete>

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions [a\) done](#)

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20065**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 65 Fig/Table# Subclause 13.2.3

Invited Ranging Retries parameter in WmanIf2BsConfigurationEntry is out of order. Mover it to the proper place in the table

Suggested Remedy

Change as the following:

```
WmanIf2BsConfigurationEntry ::= SEQUENCE {
    wmanIf2BsDcdInterval      Integer32,
    wmanIf2BsUcdInterval      Integer32,
    wmanIf2BsUcdTransition    Integer32,
    wmanIf2BsDcdTransition    Integer32,
    wmanIf2BsInitialRangingInterval Integer32,
    <insert>wmanIf2BsInvitedRangingRetries Integer32,<insert>
    wmanIf2BsSsULMapProcTime  Unsigned32,
    wmanIf2BsSsRangRespProcTime Unsigned32,
    wmanIf2BsT9Timeout        Integer32,
    wmanIf2BsT13Timeout       Integer32,
    wmanIf2BsT15Timeout       Integer32,
    wmanIf2BsT17Timeout       Integer32,
    wmanIf2BsT27IdleTimer     Unsigned32,
    wmanIf2BsT27ActiveTimer   Unsigned32,
    wmanIf2Bs2ndMgmtDIQoSProfileIndex Integer32,
    wmanIf2Bs2ndMgmtUIQoSProfileIndex Integer32,
    wmanIf2BsAutoSfidEnabled   Integer32,
    wmanIf2BsAutoSfidRangeMin  Unsigned32,
    wmanIf2BsAutoSfidRangeMax  Unsigned32,
    wmanIf2BsAasChanFbckReqFreq Integer32,
    wmanIf2BsAasBeamSelectFreq Integer32,
    wmanIf2BsAasChanFbckReqResolution Integer32,
    wmanIf2BsAasBeamReqResolution Integer32,
    wmanIf2BsAasNumOptDiversityZones Integer32,
    wmanIf2BsResetSector       Integer32,
    wmanIf2BsSaChallengeTimer   Integer32,
    wmanIf2BsSaChallengeMaxResends Integer32,
```

wmanIf2BsSaTekTimer	Integer32,
wmanIf2BsSaTekReqMaxResends	Integer32,
wmanIf2Bs2ndEapTimeout	Integer32,
wmanIf2BsEapCompleteResends	Integer32<delete>,
wmanIf2BsInvitedRangRetries	Integer32,<delete>
wmanIf2BsDSxReqRetries	Unsigned32,
wmanIf2BsDSxRespRetries	Unsigned32,
wmanIf2BsT7Timeout	Integer32,
wmanIf2BsT8Timeout	Integer32,
wmanIf2BsT10Timeout	Integer32,
wmanIf2BsT22Timeout	Integer32}

<insert>

-- XXX

wmanIf2BsInvitedRangingRetries OBJECT-TYPE

SYNTAX Integer32 (16 .. 65535)

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Number of retries on inviting Ranging Requests"

::= { wmanIf2BsConfigurationEntry 6 }

<insert>

<delete>

wmanIf2BsInvitedRangRetries OBJECT-TYPE

SYNTAX Integer32 (16..65535)

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Number of retries on inviting Ranging Requests."

::= { wmanIf2BsConfigurationEntry 33 }<delete>

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20066**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 40 Fig/Table# Subclause 13.2.3

The references of these objects are already included in the types they use. So, they are redundant, and should be removed.

Suggested Remedy

wmanIf2BsSsReqCapUplinkCidSupport OBJECT-TYPE

SYNTAX WmanIf2NumOfCid

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object shows the number of Uplink transport CIDs the SS can support."

<delete> REFERENCE

"Subclause 11.7.6.1"<delete>

::= { wmanIf2BsSsReqCapabilitiesEntry 1 }

wmanIf2BsSsReqCapCurrentTxPower OBJECT-TYPE

SYNTAX WmanIf2CurrentTxPower

UNITS "0.5 dBm"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This parameter indicates the transmitted power used for the burst which carried the message."

<delete>REFERENCE

"Subclause 11.8.3.3"<delete>

::= { wmanIf2BsSsReqCapabilitiesEntry 24 }

wmanIf2BsSsReqMaxTxPowerBpsk OBJECT-TYPE

SYNTAX WmanIf2MaxTxPowerType

UNITS "0.5 dBm"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"The maximum available power for BPSK. The maximum power parameters are reported in dBm and quantized in 0.5 dBm steps ranging from -64 dBm (encoded 0x00) to 63.5 dBm (encoded 0xFF). Values outside this range shall be assigned the closest extreme. This parameter is only applicable to systems supporting the OFDM or OFDMA PHY."

<delete>REFERENCE

"Subclause 11.8.3.2"<delete>

::= { wmanIf2BsSsReqCapabilitiesEntry 25 }

wmanIf2BsSsReqMaxTxPowerQpsk OBJECT-TYPE

SYNTAX WmanIf2MaxTxPowerType

UNITS "0.5 dBm"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"The maximum available power for QPSK. The maximum power parameters are reported in dBm and quantized in 0.5 dBm steps ranging from -64 dBm (encoded 0x00) to 63.5 dBm (encoded 0xFF). Values outside this range shall be assigned to closest extreme. This parameter is only applicable to systems supporting the OFDM or OFDMA PHY."

<delete>REFERENCE

"Subclause 11.8.3.2"<delete>

::= { wmanIf2BsSsReqCapabilitiesEntry 26 }

wmanIf2BsSsReqMaxTxPower16Qam OBJECT-TYPE

SYNTAX WmanIf2MaxTxPowerType

UNITS "0.5 dBm"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"The maximum available power for 16-QAM constellations. The maximum power parameters are reported in dBm and quantized in 0.5 dBm steps ranging from -64 dBm (encoded 0x00) to 63.5 dBm (encoded 0xFF). Values outside this range shall be assigned the closest extreme. This parameter is only applicable to systems supporting the OFDM or OFDMA PHY."

<delete>REFERENCE

"Subclause 11.8.3.2"<delete>
::= { wmanIf2BsSsReqCapabilitiesEntry 27 }

wmanIf2BsSsReqMaxTxPower64Qam OBJECT-TYPE

SYNTAX WmanIf2MaxTxPowerType

UNITS "0.5 dBm"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"The maximum available power for 64-QAM constellations.

The maximum power parameters are reported in dBm and quantized in 0.5 dBm steps ranging from -64 dBm (encoded 0x00) to 63.5 dBm (encoded 0xFF). Values outside this range shall be assigned the closest extreme. SSs that do not support QAM64 shall report the value of 0x00. This parameter is only applicable to systems supporting the OFDM or OFDMA PHY."

<delete>REFERENCE

"Subclause 11.8.3.2"

::= { wmanIf2BsSsReqCapabilitiesEntry 28 }<delete>

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20067**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 6 Fig/Table# Subclause 13.2.3

The references of these objects are already included in the types they use. So, they are redundant, and should be removed.

Suggested Remedy

wmanIf2BsSsRspCapUplinkCidSupport OBJECT-TYPE

SYNTAX WmanIf2NumOfCid

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"Negotiated number of Uplink transport CIDs the SS can support."

<delete>REFERENCE

"Subclause 11.7.6.1"<delete>

::= { wmanIf2BsSsRspCapabilitiesEntry 1 }

wmanIf2BsSsRspCapDownlinkCidSupport OBJECT-TYPE

SYNTAX WmanIf2NumOfCid

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object shows the number of Downlink transport CIDs the SS can support."

<delete>REFERENCE

"Subclause 11.7.6.1"<delete>

::= { wmanIf2BsSsRspCapabilitiesEntry 10 }

wmanIf2BsSsRspCapMaxNumBurstToMs OBJECT-TYPE

SYNTAX WmanIf2MaxNumBurstTx

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"Maximum number of bursts transmitted concurrently to the MS

, including all bursts without CID or with CIDs matching the MS CIDs."

<delete>REFERENCE

"Subclause 11.7.8.9"<delete>

::= { wmanIf2BsSsRspCapabilitiesEntry 11 }

wmanIf2BsSsRspCapMaxMacLevelDIFrame OBJECT-TYPE

SYNTAX WmanIf2MaxMacLevel

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"Maximum amount of MAC level data the MS is capable of processing per DL frame. A value of 0 indicates such limitation does not exist, except the limitation of the physical medium"

<delete>REFERENCE

"Subclause 11.7.8.6"<delete>

DEFVAL { 0 }

::= { wmanIf2BsSsRspCapabilitiesEntry 12 }

wmanIf2BsSsRspCapMaxMacLevelUIFrame OBJECT-TYPE

SYNTAX WmanIf2MaxMacLevel

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"Maximum amount of MAC level data the MS is capable of processing per UL frame. A value of 0 indicates such limitation does not exist, except the limitation of the physical medium"

<delete>REFERENCE

"Subclause 11.7.8.6"<delete>

DEFVAL { 0 }

::= { wmanIf2BsSsRspCapabilitiesEntry 13 }

wmanIf2BsSsRspCapNumOfProvisionedSf OBJECT-TYPE

SYNTAX WmanIf2MaxNumProvSf

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"When a BS is to transmit multiple DSA transactions for provisioned service flows, this object indicates how many

DSA transactions with provisioned service flows will be transmitted."

<delete>REFERENCE

"Subclause 11.7.18"<delete>

::= { wmanIf2BsSsRspCapabilitiesEntry 14 }

wmanIf2BsSsRspCapPnWindowSize OBJECT-TYPE

SYNTAX Integer32 (0 .. 65535)

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"Specifies the size capability of the receiver PN window for SAs and management connections. The receiver shall track PNs within this window to prevent replay attacks (see 7.5.1.2.4)."

<delete>REFERENCE

"Subclause 11.8.4.4"<delete>

::= { wmanIf2BsSsRspCapabilitiesEntry 15 }

wmanIf2BsSsRspCapOfdmaSdmaPilot OBJECT-TYPE

SYNTAX WmanIf2SdmaPilotCap

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This field indicates the SDMA pilot pattern support for AMC zone."

<delete>REFERENCE

"Subclause 11.8.3.7.17"<delete>

wmanIf2BsSsRspCapCurrentTxPower OBJECT-TYPE

SYNTAX WmanIf2CurrentTxPower

UNITS "0.5 dBm"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This parameter indicates the transmitted power used for the burst which carried the message."

<delete>REFERENCE

"Subclause 11.8.3.3"<delete>

::= { wmanIf2BsSsRspCapabilitiesEntry 25 }

wmanIf2BsSsRspMaxTxPowerBpsk OBJECT-TYPE

SYNTAX WmanIf2MaxTxPowerType

UNITS "0.5 dBm"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"The maximum available power for BPSK. The maximum power parameters are reported in dBm and quantized in 0.5 dBm steps ranging from -64 dBm (encoded 0x00) to 63.5 dBm (encoded 0xFF). Values outside this range shall be assigned the closest extreme. This parameter is only applicable to systems supporting the OFDM or OFDMA PHY."

<delete>REFERENCE

"Subclause 11.8.3.2"<delete>

::= { wmanIf2BsSsRspCapabilitiesEntry 26 }

wmanIf2BsSsRspMaxTxPowerQpsk OBJECT-TYPE

SYNTAX WmanIf2MaxTxPowerType

UNITS "0.5 dBm"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"The maximum available power for QPSK. The maximum power parameters are reported in dBm and quantized in 0.5 dBm steps ranging from -64 dBm (encoded 0x00) to 63.5 dBm (encoded 0xFF). Values outside this range shall be assigned to closest extreme. This parameter is only applicable to systems supporting the OFDM or OFDMA PHY."

<delete>REFERENCE

"Subclause 11.8.3.2"<delete>

::= { wmanIf2BsSsRspCapabilitiesEntry 27 }

wmanIf2BsSsRspMaxTxPower16Qam OBJECT-TYPE

SYNTAX WmanIf2MaxTxPowerType

UNITS "0.5 dBm"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"The maximum available power for 16-QAM constellations. The maximum power parameters are reported in dBm and quantized in 0.5 dBm steps ranging from -64 dBm (encoded 0x00) to 63.5 dBm (encoded 0xFF). Values outside this

range shall be assigned the closest extreme. This parameter is only applicable to systems supporting the OFDM or OFDMA PHY."

<delete>REFERENCE

"Subclause 11.8.3.2"<delete>

::= { wmanIf2BsSsRspCapabilitiesEntry 28 }

wmanIf2BsSsRspMaxTxPower64Qam OBJECT-TYPE

SYNTAX WmanIf2MaxTxPowerType

UNITS "0.5 dBm"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"The maximum available power for 64-QAM constellations. The maximum power parameters are reported in dBm and quantized in 0.5 dBm steps ranging from -64 dBm (encoded 0x00) to 63.5 dBm (encoded 0xFF). Values outside this range shall be assigned the closest extreme. SSs that do not support QAM64 shall report the value of 0x00. This parameter is only applicable to systems supporting the OFDM or OFDMA PHY."

<delete>REFERENCE

"Subclause 11.8.3.2"<delete>

::= { wmanIf2BsSsRspCapabilitiesEntry 29 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20068**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> Editorial	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 17	<u>Fig/Table#</u>	<u>Subclause</u> 13.2.3
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The references of these objects are already included in the types they use. So, they are redundant, and should be removed.

Suggested Remedy

wmanIf2BsCapUplinkCidSupport OBJECT-TYPE

SYNTAX WmanIf2NumOfCid

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object shows the number of Uplink transport CIDs the
BS can support per SS."

<delete>REFERENCE

"Subclause 11.7.6.1"<delete>

::= { wmanIf2BsBasicCapabilitiesEntry 1 }

wmanIf2BsCapDownlinkCidSupport OBJECT-TYPE

SYNTAX WmanIf2NumOfCid

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object shows the number of Downlink transport CIDs the
SS can support."

<delete>REFERENCE

"Subclause 11.7.6.1"<delete>

::= { wmanIf2BsBasicCapabilitiesEntry 10 }

wmanIf2BsCapMaxNumBurstToMs OBJECT-TYPE

SYNTAX WmanIf2MaxNumBurstTx

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"Maximum number of bursts transmitted concurrently to the MS"

, including all bursts without CID or with CIDs matching the MS CIDs."

<delete>REFERENCE

"Subclause 11.7.8.9"<delete>

::= { wmanIf2BsBasicCapabilitiesEntry 11 }

wmanIf2BsCapMaxMacLevelDIFrame OBJECT-TYPE

SYNTAX WmanIf2MaxMacLevel

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"Maximum amount of MAC level data the MS is capable of processing per DL frame. A value of 0 indicates such limitation does not exist, except the limitation of the physical medium"

<delete>REFERENCE

"Subclause 11.7.8.6"<delete>

DEFVAL { 0 }

::= { wmanIf2BsBasicCapabilitiesEntry 12 }

wmanIf2BsCapMaxMacLevelUIFrame OBJECT-TYPE

SYNTAX WmanIf2MaxMacLevel

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"Maximum amount of MAC level data the MS is capable of processing per UL frame. A value of 0 indicates such limitation does not exist, except the limitation of the physical medium"

<delete>REFERENCE

"Subclause 11.7.8.6"<delete>

DEFVAL { 0 }

::= { wmanIf2BsBasicCapabilitiesEntry 13 }

wmanIf2BsCapNumOfProvisionedSf OBJECT-TYPE

SYNTAX WmanIf2MaxNumProvSf

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"When a BS is to transmit multiple DSA transactions for provisioned service flows, this object indicates how many

DSA transactions with provisioned service flows will be transmitted."

<delete>REFERENCE

"Subclause 11.7.18"<delete>

::= { wmanIf2BsBasicCapabilitiesEntry 14 }

wmanIf2BsCapPnWindowSize OBJECT-TYPE

SYNTAX Integer32 (0 .. 65535)

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"Specifies the size capability of the receiver PN window for SAs and management connections. The receiver shall track PNs within this window to prevent replay attacks (see 7.5.1.2.4)."

<delete>REFERENCE

"Subclause 11.8.4.4"<delete>

::= { wmanIf2BsBasicCapabilitiesEntry 15 }

wmanIf2BsCapOfdmaSdmaPilot OBJECT-TYPE

SYNTAX WmanIf2SdmaPilotCap

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This field indicates the SDMA pilot pattern support for AMC zone."

<delete>REFERENCE

"Subclause 11.8.3.7.17"<delete>

::= { wmanIf2BsBasicCapabilitiesEntry 17 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20069**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 65 Fig/Table# Subclause 13.2.3

The references of these objects are already included in the types they use. So, they are redundant, and should be removed.

Suggested Remedy

wmanIf2BsCapCfgUplinkCidSupport OBJECT-TYPE

SYNTAX WmanIf2NumOfCid

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This object shows the configured number of Uplink transport
CIDs the BS can support per SS."

<delete>REFERENCE

"Subclause 11.7.6.1" <delete>

::= { wmanIf2BsCapabilitiesConfigEntry 1 }

wmanIf2BsCapCfgDownlinkCidSupport OBJECT-TYPE

SYNTAX WmanIf2NumOfCid

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This object shows the number of Downlink transport CIDs
the SS can support."

<delete>REFERENCE

"Subclause 11.7.6.1" <delete>

::= { wmanIf2BsCapabilitiesConfigEntry 10 }

wmanIf2BsCapCfgMaxNumBurstToMs OBJECT-TYPE

SYNTAX WmanIf2MaxNumBurstTx

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Maximum number of bursts transmitted concurrently to the MS"

, including all bursts without CID or with CIDs matching the MS CIDs."

<delete>REFERENCE

"Subclause 11.7.8.9"<delete>

::= { wmanIf2BsCapabilitiesConfigEntry 11 }

wmanIf2BsCapCfgMaxMacLevelDlFrame OBJECT-TYPE

SYNTAX WmanIf2MaxMacLevel

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Maximum amount of MAC level data the MS is capable of processing per DL frame. A value of 0 indicates such limitation does not exist, except the limitation of the physical medium"

<delete>REFERENCE

"Subclause 11.7.8.6"<delete>

DEFVAL { 0 }

::= { wmanIf2BsCapabilitiesConfigEntry 12 }

wmanIf2BsCapCfgMaxMacLevelUlFrame OBJECT-TYPE

SYNTAX WmanIf2MaxMacLevel

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Maximum amount of MAC level data the MS is capable of processing per UL frame. A value of 0 indicates such limitation does not exist, except the limitation of the physical medium"

<delete>REFERENCE

"Subclause 11.7.8.6"<delete>

DEFVAL { 0 }

::= { wmanIf2BsCapabilitiesConfigEntry 13 }

wmanIf2BsCapCfgNumOfProvisionedSf OBJECT-TYPE

SYNTAX WmanIf2MaxNumProvSf

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"When a BS is to transmit multiple DSA transactions for provisioned service flows, this object indicates how many

DSA transactions with provisioned service flows will be transmitted."

<delete>REFERENCE

"Subclause 11.7.18"<delete>

::= { wmanIf2BsCapabilitiesConfigEntry 14 }

wmanIf2BsCapCfgPnWindowSize OBJECT-TYPE

SYNTAX Integer32 (0 .. 65535)

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Specifies the size capability of the receiver PN window for SAs and management connections. The receiver shall track PNs within this window to prevent replay attacks (see 7.5.1.2.4)."

<delete>REFERENCE

"Subclause 11.8.4.4"<delete>

::= { wmanIf2BsCapabilitiesConfigEntry 15 }

wmanIf2BsCapCfgOfdmaSdmaPilot OBJECT-TYPE

SYNTAX WmanIf2SdmaPilotCap

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This field indicates the SDMA pilot pattern support for AMC zone."

<delete>REFERENCE

"Subclause 11.8.3.7.17"<delete>

::= { wmanIf2BsCapabilitiesConfigEntry 17 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20070

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Editorial Part of Dis ☐ Satisfied ☐ Page ? Line 65 Fig/Table# Subclause 13.2.3

The references of these objects are already included in the types they use. So, they are redundant, and should be removed.

Suggested Remedy

wmanIf2BsCmnPhyCyclicPrefix OBJECT-TYPE

SYNTAX WmanIf2TcOfdmaCp

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"The ratio of CP time to 'useful' time.Values
are 1/4, 1/8, 1/16 or 1/32."

<delete>REFERENCE

"Subclause 8.3.1.1.1"<delete>

DEFVAL { oneForth }

::= { wmanIf2BsCmnPhyDownlinkChannelEntry 7 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20071

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 41 Fig/Table# Subclause 13.2.3

Change the syntax of wmanIf2BsCmnPhyMbsZoneIdentifier to a type WmanIf2MbsZoneId

Create a new type WmanIf2MbsZoneId

Suggested Remedy

<insert>WmanIf2MbsZoneId ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"MBS zone identifiers which BS is associated. An MBS zone identifier is 1 byte long.

bits #0 - #6: are the MBS Zone Identifier,a value of 0 means that the neighbor BS is not affiliated with any MBS zone

bit #7: is set to 0"

REFERENCE

"Table 571"

SYNTAX INTEGER {0 .. 127}<insert>

wmanIf2BsCmnPhyMbsZoneIdTable OBJECT-TYPE

SYNTAX SEQUENCE OF WmanIf2BsCmnPhyMbsZoneIdEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This table contains the MBS zone identifier list"

<insert>REFERENCE

"Table 571"<insert>

::= { wmanIf2BsCmnPhy 3 }

wmanIf2BsCmnPhyMbsZoneIdEntry OBJECT-TYPE

SYNTAX WmanIf2BsCmnPhyMbsZoneIdEntry

MAX-ACCESS not-accessible

STATUS current
DESCRIPTION

""

INDEX { ifIndex, wmanIf2BsCmnPhyMbsZoneldIndex }
::= { wmanIf2BsCmnPhyMbsZoneldTable 1 }

WmanIf2BsCmnPhyMbsZoneldEntry ::= SEQUENCE {
wmanIf2BsCmnPhyMbsZoneldIndex Integer32,
wmanIf2BsCmnPhyMbsZoneldIdentifier <delete> Integer32<delete><insert><insert>}

wmanIf2BsCmnPhyMbsZoneldIndex OBJECT-TYPE

SYNTAX Integer32 (0 .. 127)
MAX-ACCESS not-accessible
STATUS current
DESCRIPTION
"Index to MBS Zone Identifier list."
::= { wmanIf2BsCmnPhyMbsZoneldEntry 1 }

wmanIf2BsCmnPhyMbsZoneldIdentifier OBJECT-TYPE

SYNTAX <delete>Integer32 (0 .. 127)<delete><insert>WmanIf2MbsZoneld<insert>
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"This object defines all MBS zone identifiers with which
BS is associated."
<delete>REFERENCE
"Table 543"<delete>
::= { wmanIf2BsCmnPhyMbsZoneldEntry 2 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20072**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

<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>?</u>	<u>Line</u>	<u>21</u>	<u>Fig/Table#</u>	<u>Subclause</u>	<u>13.2.3</u>
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It is not true "The total number of wmanIf2BsOfdmaInitRngCodes, wmanIf2BsOfdmaPeriodicRngCodes, and wmanIf2BsOfdmaBWReqCodes shall be <= 256.

The note of Initial Ranging codes, Periodic ranging codes, and Bandwidth request codes indicates below.

The total number of codes shall be equal or less than 256.

Suggested Remedy

wmanIf2BsOfdmaInitRngCodes OBJECT-TYPE

SYNTAX Integer32 (0 .. 255)

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Number of initial ranging CDMA codes. <delete>The total number of wmanIf2BsOfdmaInitRngCodes, wmanIf2BsOfdmaPeriodicRngCodes, and wmanIf2BsOfdmaBWReqCodes shall be <= 256.<delete>"

REFERENCE

"Table 567"

DEFVAL { 30 }

::= { wmanIf2BsOfdmaUplinkChannelEntry 2 }

wmanIf2BsOfdmaPeriodicRngCodes OBJECT-TYPE

SYNTAX Integer32 (0 .. 255)

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Number of periodic ranging CDMA codes.<delete> The total number of wmanIf2BsOfdmaInitRngCodes, wmanIf2BsOfdmaPeriodicRngCodes, and wmanIf2BsOfdmaBWReqCodes shall be <= 256.<delete>"

REFERENCE

"Table 567"

DEFVAL { 30 }

::= { wmanIf2BsOfdmaUplinkChannelEntry 3 }

wmanIf2BsOfdmaBWReqCodes OBJECT-TYPE

SYNTAX Integer32 (0..255)

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Number of bandwidth request codes. ~~The total number of~~
wmanIf2BsOfdmaInitRngCodes, wmanIf2BsOfdmaPeriodicRngCodes,
and wmanIf2BsOfdmaBWReqCodes shall be <= 256.~~<delete>~~"

DEFVAL { 30 }

::= { wmanIf2BsOfdmaUplinkChannelEntry 4 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20073

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 43 Fig/Table# Subclause 13.2.3

The permutation base use 7 LSBs, So, the range shall be 0 .. 127.

Suggested Remedy

wmanIf2BsOfdmaPermutationBase OBJECT-TYPE

SYNTAX Integer32 (0 .. <delete>255<delete><insert>127<insert>)

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Determines the UL_PermBase parameter for the subcarrier permutation to be used on this uplink channel.

UL_PermBase = 7 LSBs of Permutation base."

DEFVAL { 0 }

::= { wmanIf2BsOfdmaUplinkChannelEntry 8 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20074

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 38 Fig/Table# Subclause 13.2.3

Change the range of threshold to -128 to +127 dB.

Suggested Remedy

wmanIf2BsOfdmaSafetyChAllocThreshold OBJECT-TYPE

SYNTAX Integer32 (<delete>0<delete> ><insert> -128<insert> .. <delete>255<delete><insert> 127<insert>)

UNITS "dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Safety channel allocation threshold."

::= { wmanIf2BsOfdmaUplinkChannelEntry 17 }

wmanIf2BsOfdmaSafetyChReleaseThreshold OBJECT-TYPE

SYNTAX Integer32 (<delete>0<delete> ><insert> -128<insert> .. <delete>255<delete><insert> 127<insert>)

UNITS "dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Safety channel release threshold."

::= { wmanIf2BsOfdmaUplinkChannelEntry 18 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20075

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 51 Fig/Table# Subclause 13.2.3

The range is 0 .. 255

CQICH Band AMCTransition Delay - Frame unit. Range: 0 to 255 frames

Suggested Remedy

wmanIf2BsOfdmaCqichBandAmcTransDelay OBJECT-TYPE
 SYNTAX Integer32 (<delete>1<delete><insert>0<insert>..255)
 UNITS "Frames"
 MAX-ACCESS read-write
 STATUS current
 DESCRIPTION
 "CQICH band AMC transition delay."
 DEFVAL { 4 }
 ::= { wmanIf2BsOfdmaUplinkChannelEntry 24 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # A20076Document under Review: P80216Rev2_D7Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 48 Fig/Table# Subclause 13.2.3

Change the range of to -128 to 127 dB.

Suggested Remedy

wmanIf2BsOfdmaNormalizedCnValue OBJECT-TYPE

SYNTAX Integer32 (-128..~~<delete>128<delete><insert> 127<insert>~~)

UNITS "dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"It shall be interpreted as signed integer in dB. It corresponds to the normalized C/N value in the first line (counting except for header cell of table)"

::= { wmanIf2BsOfdmaUplinkChannelEntry 28 }

wmanIf2BsOfdmaBandAmcEntryAvgCinr OBJECT-TYPE

SYNTAX Integer32 (-128..~~<delete>128<delete><insert> 127<insert>~~)

UNITS "dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Threshold of the average CINR of the whole bandwidth to trigger mode transition from normal subchannel to AMC"

::= { wmanIf2BsOfdmaUplinkChannelEntry 30 }

wmanIf2BsOfdmaAasPreambleUpperBond OBJECT-TYPE

SYNTAX Integer32 (-128..~~<delete>128<delete><insert> 127<insert>~~)

UNITS "0.25 dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Upper bound of AAS preamble."
::= { wmanIf2BsOfdmaUplinkChannelEntry 31 }

wmanIf2BsOfdmaAasPreambleLowerBond OBJECT-TYPE
SYNTAX Integer32 (-128..~~128~~<insert> 127><insert>)
UNITS "0.25 dB"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"Lower bound of AAS preamble."
::= { wmanIf2BsOfdmaUplinkChannelEntry 32 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # A20077Document under Review: P80216Rev2_D7Ballot ID: sb_16Rev2a

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 12	<u>Fig/Table#</u>	<u>Subclause</u> 13.2.3
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These objects are missing the range.

Suggested Remedy

wmanIf2BsOfdmaMsUpPowerAdjStep OBJECT-TYPE
SYNTAX Unsigned32 <insert>(0 .. 255)<insert>
UNITS "0.01 dB"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"MS-specific up power offset adjustment step"
::= { wmanIf2BsOfdmaUplinkChannelEntry 35 }

wmanIf2BsOfdmaMsDownPowerAdjStep OBJECT-TYPE
SYNTAX Unsigned32<insert>(0 .. 255)<insert>
UNITS "0.01 dB"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"MS-specific down power offset adjustment step"
::= { wmanIf2BsOfdmaUplinkChannelEntry 36 }

wmanIf2BsOfdmaMinPowerOffsetAdj OBJECT-TYPE
SYNTAX Integer32<insert>(-128 .. 127)<insert>
UNITS "0.1 dB"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"Minimum level of power offset adjustment"
::= { wmanIf2BsOfdmaUplinkChannelEntry 37 }

wmanIf2BsOfdmaMaxPowerOffsetAdj OBJECT-TYPE

SYNTAX Integer32<insert>(-128 .. 127)<insert>
UNITS "0.1 dB"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"Maximum level of power offset adjustment"
::= { wmanI2BsOfdmaUplinkChannelEntry 38 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20078**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 65	<u>Fig/Table#</u>	<u>Subclause</u> 13.2.3
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These object is missing the range and unit.

Also change the SYNTAX from Integer 32 to Unsigned32

Suggested Remedy

```

WmanIf2BsOfdmaUplinkChannelEntry ::= SEQUENCE {
    wmanIf2BsOfdmaUIAmcAlloPhyBandsBitmap  OCTET STRING,
    wmanIf2BsOfdmaInitRngCodes              Integer32,
    wmanIf2BsOfdmaPeriodicRngCodes          Integer32,
    wmanIf2BsOfdmaBWReqCodes                Integer32,
    wmanIf2BsOfdmaPeriodRngBackoffStart     Integer32,
    wmanIf2BsOfdmaPeriodRngBackoffEnd       Integer32,
    wmanIf2BsOfdmaStartOfRngCodes           Integer32,
    wmanIf2BsOfdmaPermutationBase           Integer32,
    wmanIf2BsOfdmaULAllocSubchBitmap        OCTET STRING,
    wmanIf2BsOfdmaOptPermULAllocSubchBitmap OCTET STRING,
    wmanIf2BsOfdmaBandAMCAAllocThreshold    Integer32,
    wmanIf2BsOfdmaBandAMCReleaseThreshold   Integer32,
    wmanIf2BsOfdmaBandAMCAAllocTimer        Integer32,
    wmanIf2BsOfdmaBandAMCReleaseTimer       Integer32,
    wmanIf2BsOfdmaBandStatRepMAXPeriod      Integer32,
    wmanIf2BsOfdmaBandAMCRetryTimer         Integer32,
    wmanIf2BsOfdmaSafetyChAllocThreshold    Integer32,
    wmanIf2BsOfdmaSafetyChReleaseThreshold   Integer32,
    wmanIf2BsOfdmaSafetyChAllocTimer        Integer32,
    wmanIf2BsOfdmaSafetyChReleaseTimer       Integer32,
    wmanIf2BsOfdmaBinStatusReportMaxPeriod  Integer32,
    wmanIf2BsOfdmaSafetyChRetryTimer        Integer32,
    wmanIf2BsOfdmaHARQAckDelayDLBurst       WmanIf2TcHarqAckDelay,
    wmanIf2BsOfdmaCqichBandAmcTransDelay    Integer32,
    wmanIf2BsOfdmaMaxRetransmission         Integer32,
    wmanIf2BsOfdmaNormalizedCnOverride      OCTET STRING,

```

wmanIf2BsOfdmaSizeOfCqichId	Integer32,
wmanIf2BsOfdmaNormalizedCnValue	Integer32,
wmanIf2BsOfdmaNormalizedCnOverride2	OCTET STRING,
wmanIf2BsOfdmaBandAmcEntryAvgCinr	Integer32,
wmanIf2BsOfdmaAasPreambleUpperBond	Integer32,
wmanIf2BsOfdmaAasPreambleLowerBond	Integer32,
wmanIf2BsOfdmaAasBeamSelectAllowed	WmanIf2TcAasBeamSel,
wmanIf2BsOfdmaCqichIndicationFlag	OCTET STRING,
wmanIf2BsOfdmaMsUpPowerAdjStep	Unsigned32,
wmanIf2BsOfdmaMsDownPowerAdjStep	Unsigned32,
wmanIf2BsOfdmaMinPowerOffsetAdj	Integer32,
wmanIf2BsOfdmaMaxPowerOffsetAdj	Integer32,
wmanIf2BsOfdmaHandoverRangingCodes	Integer32,
wmanIf2BsOfdmaInitialRangingInterval	<delete>Integer32<delete> <insert>Unsigned32<insert>,
wmanIf2BsOfdmaTxPowerReport	WmanIf2TcTxPowerReport,
wmanIf2BsOfdmaNormalizedCnChSounding	Integer32,
wmanIf2BsOfdmaInitialRngBackoffStart	Integer32,
wmanIf2BsOfdmaInitialRngBackoffEnd	Integer32,
wmanIf2BsOfdmaBwRequestBackoffStart	Integer32,
wmanIf2BsOfdmaBwRequestBackoffEnd	Integer32,
wmanIf2BsOfdmaUIPuscSubChRotation	Integer32,
wmanIf2BsOfdmaRelPwrOffetUIHarqBurst	Integer32,
wmanIf2BsOfdmaRelPwrOffetUIMacMgmtBurst	Integer32,
wmanIf2BsOfdmaUIInitialTxTiming	Integer32,
wmanIf2BsOfdmaFastFeedbackRegion	WmanIf2TcFastFeedback,
wmanIf2BsOfdmaHarqAckRegion	WmanIf2TcHarqAckRegion,
wmanIf2BsOfdmaRangingRegion	WmanIf2TcRangingRegion,
wmanIf2BsOfdmaSoundingRegion	WmanIf2TcSoundingRegion,
wmanIf2BsOfdmaMsTxPowerLimit	Integer32,
wmanIf2BsOfdmaHfddGroupSwitchDelay	Integer32,
wmanIf2BsOfdmaFrameOffset	WmanIf2TcFrameOffset,
wmanIf2BsOfdmaNumOfPowerControlBits	WmanIf2TcPwrCntlBits}

wmanIf2BsOfdmaInitialRangingInterval OBJECT-TYPE

SYNTAX <delete>Integer32<delete> <insert>Unsigned32 (0 .. 255)<insert>

<insert>UNITS "frames"<insert>

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Number of frames between initial ranging interval allocation."

::= { wmanIf2BsOfdmaUplinkChannelEntry 40 }

GroupResolution

Decision of Group: [Agree](#)

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions [a\) done](#)

2008/08/01

IEEE 802.16-08/054r3

Comment by: Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20079

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 20 Fig/Table# Subclause 13.2.3

These object is missing the range and unit.

Suggested Remedy

wmanIf2BsOfdmaNormalizedCnChSounding OBJECT-TYPE
SYNTAX Integer32<insert>(-128 .. 127)<insert>
<insert>UNITS "dB"<insert>
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"Signed integer for the required C/N (dB) for Channel
Sounding."
::= { wmanIf2BsOfdmaUplinkChannelEntry 42 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # A20080Document under Review: P80216Rev2_D7Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 24 Fig/Table# Subclause 13.2.3

wmanIf2BsOfdmaRelPwrOffetUIHarqBurst is a 4 bits signed integer, so the range shall be changed to -8 - 7

wmanIf2BsOfdmaRelPwrOffetUIMacMgmtBurst is a 3 bits unsigned integer, so the SYNTAX shall be changed to Unsigned32 (0 ..7)

Suggested Remedy

```
WmanIf2BsOfdmaUplinkChannelEntry ::= SEQUENCE {
    wmanIf2BsOfdmaUIAmcAlloPhyBandsBitmap  OCTET STRING,
    wmanIf2BsOfdmaInitRngCodes              Integer32,
    wmanIf2BsOfdmaPeriodicRngCodes          Integer32,
    wmanIf2BsOfdmaBWReqCodes                Integer32,
    wmanIf2BsOfdmaPeriodRngBackoffStart     Integer32,
    wmanIf2BsOfdmaPeriodRngBackoffEnd       Integer32,
    wmanIf2BsOfdmaStartOfRngCodes           Integer32,
    wmanIf2BsOfdmaPermutationBase           Integer32,
    wmanIf2BsOfdmaULAllocSubchBitmap        OCTET STRING,
    wmanIf2BsOfdmaOptPermULAllocSubchBitmap OCTET STRING,
    wmanIf2BsOfdmaBandAMCAAllocThreshold    Integer32,
    wmanIf2BsOfdmaBandAMCReleaseThreshold   Integer32,
    wmanIf2BsOfdmaBandAMCAAllocTimer        Integer32,
    wmanIf2BsOfdmaBandAMCReleaseTimer       Integer32,
    wmanIf2BsOfdmaBandStatRepMAXPeriod      Integer32,
    wmanIf2BsOfdmaBandAMCRetryTimer         Integer32,
    wmanIf2BsOfdmaSafetyChAllocThreshold    Integer32,
    wmanIf2BsOfdmaSafetyChReleaseThreshold   Integer32,
    wmanIf2BsOfdmaSafetyChAllocTimer        Integer32,
    wmanIf2BsOfdmaSafetyChReleaseTimer       Integer32,
    wmanIf2BsOfdmaBinStatusReportMaxPeriod  Integer32,
    wmanIf2BsOfdmaSafetyChRetryTimer        Integer32,
    wmanIf2BsOfdmaHARQAckDelayDLBurst       WmanIf2TcHarqAckDelay,
    wmanIf2BsOfdmaCqichBandAmcTransDelay    Integer32,
    wmanIf2BsOfdmaMaxRetransmission         Integer32,
    wmanIf2BsOfdmaNormalizedCnOverride      OCTET STRING,
```

wmanIf2BsOfdmaSizeOfCqichId	Integer32,
wmanIf2BsOfdmaNormalizedCnValue	Integer32,
wmanIf2BsOfdmaNormalizedCnOverride2	OCTET STRING,
wmanIf2BsOfdmaBandAmcEntryAvgCinr	Integer32,
wmanIf2BsOfdmaAasPreambleUpperBond	Integer32,
wmanIf2BsOfdmaAasPreambleLowerBond	Integer32,
wmanIf2BsOfdmaAasBeamSelectAllowed	WmanIf2TcAasBeamSel,
wmanIf2BsOfdmaCqichIndicationFlag	OCTET STRING,
wmanIf2BsOfdmaMsUpPowerAdjStep	Unsigned32,
wmanIf2BsOfdmaMsDownPowerAdjStep	Unsigned32,
wmanIf2BsOfdmaMinPowerOffsetAdj	Integer32,
wmanIf2BsOfdmaMaxPowerOffsetAdj	Integer32,
wmanIf2BsOfdmaHandoverRangingCodes	Integer32,
wmanIf2BsOfdmaInitialRangingInterval	Unsigned32,
wmanIf2BsOfdmaTxPowerReport	WmanIf2TcTxPowerReport,
wmanIf2BsOfdmaNormalizedCnChSounding	Integer32,
wmanIf2BsOfdmaInitialRngBackoffStart	Integer32,
wmanIf2BsOfdmaInitialRngBackoffEnd	Integer32,
wmanIf2BsOfdmaBwRequestBackoffStart	Integer32,
wmanIf2BsOfdmaBwRequestBackoffEnd	Integer32,
wmanIf2BsOfdmaUIPuscSubChRotation	Integer32,
wmanIf2BsOfdmaRelPwrOffetUIHarqBurst	Integer32,
wmanIf2BsOfdmaRelPwrOffetUIMacMgmtBurst	<delete>Integer32<delete><insert>Unsigned32<insert>,
wmanIf2BsOfdmaUIInitialTxTiming	Integer32,
wmanIf2BsOfdmaFastFeedbackRegion	WmanIf2TcFastFeedback,
wmanIf2BsOfdmaHarqAckRegion	WmanIf2TcHarqAckRegion,
wmanIf2BsOfdmaRangingRegion	WmanIf2TcRangingRegion,
wmanIf2BsOfdmaSoundingRegion	WmanIf2TcSoundingRegion,
wmanIf2BsOfdmaMsTxPowerLimit	Integer32,
wmanIf2BsOfdmaHfddGroupSwitchDelay	Integer32,
wmanIf2BsOfdmaFrameOffset	WmanIf2TcFrameOffset,
wmanIf2BsOfdmaNumOfPowerControlBits	WmanIf2TcPwrCntlBits}

wmanIf2BsOfdmaRelPwrOffetUIHarqBurst OBJECT-TYPE

SYNTAX Integer32 <delete>(0 .. 15)<delete><insert>(-8 .. 7)<insert>

UNITS "0.5dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Offset for HARQ burst relative to non-HARQ burst.

(signed integer in 0.5 dB unit)"

DEFVAL { 0 }
::= { wmanIf2BsOfdmaUplinkChannelEntry 48 }

wmanIf2BsOfdmaRelPwrOffetUIMacMgmtBurst OBJECT-TYPE

SYNTAX <delete>Integer32 (0 .. 15)<delete><insert>Unsigned32 (0 .. 7)<insert>

UNITS "0.5dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Power offset for UL burst containing a MAC management
message relative to the normal traffic burst.

(unsigned integer in 0.5 dB units)"

DEFVAL { 0 }

::= { wmanIf2BsOfdmaUplinkChannelEntry 49 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20081**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 6	<u>Fig/Table#</u>	<u>Subclause</u> 13.2.3
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UL PHY Mode ID is missing in WmanIf2BsOfdmaUplinkChannelTable

Suggested Remedy

1. Add WmanIf2TcUIPhyModelId in wmanIf2TcMib

<insert>

WmanIf2TcUIPhyModelId ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"UL Phy Mode ID:

Bits #0-7: Channel bandwidth in units of 125 kHz

Bits #8-10: FFT size

0b000 = 2048

0b001 = 1024

0b010 = 512

0b011 = 128

0b100 – 0b111: reserved

Bits #11-13: Cycle Prefix (CP)

0b001 = 1/8

0b010 = 1/16

0b011 = 1/32

0b100 – 0b111: reserved"

REFERENCE

"Table 567"

SYNTAX BITS {channelBw0(0),
channelBw1(1),
channelBw2(2),
channelBw3(3),
channelBw4(4),
channelBw5(5),
channelBw6(6),
channelBw7(7),
fftSize0(8),
fftSize1(9),
fftSize2(10),

```
cyclePrefix0(11),  
cyclePrefix1(12),  
cyclePrefix2(13))<insert>
```

2. Add WmanIf2TcUIPhyModeld to the IMPORTS of wmanIf2Mib

3.

```
WmanIf2BsOfdmaUplinkChannelEntry ::= SEQUENCE {  
    wmanIf2BsOfdmaUIAmcAlloPhyBandsBitmap  OCTET STRING,  
    wmanIf2BsOfdmaInitRngCodes              Integer32,  
    wmanIf2BsOfdmaPeriodicRngCodes          Integer32,  
    wmanIf2BsOfdmaBWReqCodes                Integer32,  
    wmanIf2BsOfdmaPeriodRngBackoffStart     Integer32,  
    wmanIf2BsOfdmaPeriodRngBackoffEnd       Integer32,  
    wmanIf2BsOfdmaStartOfRngCodes           Integer32,  
    wmanIf2BsOfdmaPermutationBase           Integer32,  
    wmanIf2BsOfdmaULAllocSubchBitmap        OCTET STRING,  
    wmanIf2BsOfdmaOptPermULAllocSubchBitmap OCTET STRING,  
    wmanIf2BsOfdmaBandAMCAllocThreshold     Integer32,  
    wmanIf2BsOfdmaBandAMCReleaseThreshold   Integer32,  
    wmanIf2BsOfdmaBandAMCAllocTimer         Integer32,  
    wmanIf2BsOfdmaBandAMCReleaseTimer       Integer32,  
    wmanIf2BsOfdmaBandStatRepMAXPeriod      Integer32,  
    wmanIf2BsOfdmaBandAMCRetryTimer         Integer32,  
    wmanIf2BsOfdmaSafetyChAllocThreshold    Integer32,  
    wmanIf2BsOfdmaSafetyChReleaseThreshold  Integer32,  
    wmanIf2BsOfdmaSafetyChAllocTimer        Integer32,  
    wmanIf2BsOfdmaSafetyChReleaseTimer      Integer32,  
    wmanIf2BsOfdmaBinStatusReportMaxPeriod  Integer32,  
    wmanIf2BsOfdmaSafetyChRetryTimer        Integer32,  
    wmanIf2BsOfdmaHARQAckDelayDLBurst       WmanIf2TcHarqAckDelay,  
    wmanIf2BsOfdmaCqichBandAmcTransDelay    Integer32,  
    wmanIf2BsOfdmaMaxRetransmission         Integer32,  
    wmanIf2BsOfdmaNormalizedCnOverride      OCTET STRING,  
    wmanIf2BsOfdmaSizeOfCqichId             Integer32,  
    wmanIf2BsOfdmaNormalizedCnValue         Integer32,  
    wmanIf2BsOfdmaNormalizedCnOverride2     OCTET STRING,  
    wmanIf2BsOfdmaBandAmcEntryAvgCinr       Integer32,  
    wmanIf2BsOfdmaAasPreambleUpperBond      Integer32,  
    wmanIf2BsOfdmaAasPreambleLowerBond      Integer32,  
    wmanIf2BsOfdmaAasBeamSelectAllowed      WmanIf2TcAasBeamSel,
```

wmanIf2BsOfdmaCqichIndicationFlag	OCTET STRING,
wmanIf2BsOfdmaMsUpPowerAdjStep	Unsigned32,
wmanIf2BsOfdmaMsDownPowerAdjStep	Unsigned32,
wmanIf2BsOfdmaMinPowerOffsetAdj	Integer32,
wmanIf2BsOfdmaMaxPowerOffsetAdj	Integer32,
wmanIf2BsOfdmaHandoverRangingCodes	Integer32,
wmanIf2BsOfdmaInitialRangingInterval	Unsigned32,
wmanIf2BsOfdmaTxPowerReport	WmanIf2TcTxPowerReport,
wmanIf2BsOfdmaNormalizedCnChSounding	Integer32,
wmanIf2BsOfdmaInitialRngBackoffStart	Integer32,
wmanIf2BsOfdmaInitialRngBackoffEnd	Integer32,
wmanIf2BsOfdmaBwRequestBackoffStart	Integer32,
wmanIf2BsOfdmaBwRequestBackoffEnd	Integer32,
wmanIf2BsOfdmaUIPuscSubChRotation	Integer32,
wmanIf2BsOfdmaRelPwrOffetUIHarqBurst	Integer32,
wmanIf2BsOfdmaRelPwrOffetUIMacMgmtBurst	Unsigned32,
wmanIf2BsOfdmaUIInitialTxTiming	Integer32,
<insert>wmanIf2BsOfdmaUIPhyModelId	WmanIf2TcUIPhyModelId,<insert>
wmanIf2BsOfdmaFastFeedbackRegion	WmanIf2TcFastFeedback,
wmanIf2BsOfdmaHarqAckRegion	WmanIf2TcHarqAckRegion,
wmanIf2BsOfdmaRangingRegion	WmanIf2TcRangingRegion,
wmanIf2BsOfdmaSoundingRegion	WmanIf2TcSoundingRegion,
wmanIf2BsOfdmaMsTxPowerLimit	Integer32,
wmanIf2BsOfdmaHfddGroupSwitchDelay	Integer32,
wmanIf2BsOfdmaFrameOffset	WmanIf2TcFrameOffset,
wmanIf2BsOfdmaNumOfPowerControlBits	WmanIf2TcPwrCntlBits}

4.

<insert>

wmanIf2BsOfdmaUIPhyModelId OBJECT-TYPE

SYNTAX WmanIf2TcUIPhyModelId

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Uplink PHY mode ID"

::= { wmanIf2BsOfdmaUplinkChannelEntry 51 }

<insert>

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20082**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 44	<u>Fig/Table#</u>	<u>Subclause</u> 13.2.3
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The syntax of wmanIf2BsOfdmaMsTxPowerLimit shall be unsigned.

Also, it is missing the UNITS

Suggested Remedy

```
WmanIf2BsOfdmaUplinkChannelEntry ::= SEQUENCE {
    wmanIf2BsOfdmaUIAmcAlloPhyBandsBitmap  OCTET STRING,
    wmanIf2BsOfdmaInitRngCodes              Integer32,
    wmanIf2BsOfdmaPeriodicRngCodes          Integer32,
    wmanIf2BsOfdmaBWReqCodes                Integer32,
    wmanIf2BsOfdmaPeriodRngBackoffStart     Integer32,
    wmanIf2BsOfdmaPeriodRngBackoffEnd       Integer32,
    wmanIf2BsOfdmaStartOfRngCodes           Integer32,
    wmanIf2BsOfdmaPermutationBase           Integer32,
    wmanIf2BsOfdmaULAllocSubchBitmap        OCTET STRING,
    wmanIf2BsOfdmaOptPermULAllocSubchBitmap OCTET STRING,
    wmanIf2BsOfdmaBandAMCAAllocThreshold    Integer32,
    wmanIf2BsOfdmaBandAMCReleaseThreshold   Integer32,
    wmanIf2BsOfdmaBandAMCAAllocTimer        Integer32,
    wmanIf2BsOfdmaBandAMCReleaseTimer       Integer32,
    wmanIf2BsOfdmaBandStatRepMAXPeriod      Integer32,
    wmanIf2BsOfdmaBandAMCRetryTimer         Integer32,
    wmanIf2BsOfdmaSafetyChAllocThreshold    Integer32,
    wmanIf2BsOfdmaSafetyChReleaseThreshold  Integer32,
    wmanIf2BsOfdmaSafetyChAllocTimer        Integer32,
    wmanIf2BsOfdmaSafetyChReleaseTimer      Integer32,
    wmanIf2BsOfdmaBinStatusReportMaxPeriod Integer32,
    wmanIf2BsOfdmaSafetyChRetryTimer        Integer32,
    wmanIf2BsOfdmaHARQAckDelayDLBurst       WmanIf2TcHarqAckDelay,
    wmanIf2BsOfdmaCqichBandAmcTransDelay    Integer32,
    wmanIf2BsOfdmaMaxRetransmission         Integer32,
    wmanIf2BsOfdmaNormalizedCnOverride      OCTET STRING,
```

wmanIf2BsOfdmaSizeOfCqichId	Integer32,
wmanIf2BsOfdmaNormalizedCnValue	Integer32,
wmanIf2BsOfdmaNormalizedCnOverride2	OCTET STRING,
wmanIf2BsOfdmaBandAmcEntryAvgCinr	Integer32,
wmanIf2BsOfdmaAasPreambleUpperBond	Integer32,
wmanIf2BsOfdmaAasPreambleLowerBond	Integer32,
wmanIf2BsOfdmaAasBeamSelectAllowed	WmanIf2TcAasBeamSel,
wmanIf2BsOfdmaCqichIndicationFlag	OCTET STRING,
wmanIf2BsOfdmaMsUpPowerAdjStep	Unsigned32,
wmanIf2BsOfdmaMsDownPowerAdjStep	Unsigned32,
wmanIf2BsOfdmaMinPowerOffsetAdj	Integer32,
wmanIf2BsOfdmaMaxPowerOffsetAdj	Integer32,
wmanIf2BsOfdmaHandoverRangingCodes	Integer32,
wmanIf2BsOfdmaInitialRangingInterval	Unsigned32,
wmanIf2BsOfdmaTxPowerReport	WmanIf2TcTxPowerReport,
wmanIf2BsOfdmaNormalizedCnChSounding	Integer32,
wmanIf2BsOfdmaInitialRngBackoffStart	Integer32,
wmanIf2BsOfdmaInitialRngBackoffEnd	Integer32,
wmanIf2BsOfdmaBwRequestBackoffStart	Integer32,
wmanIf2BsOfdmaBwRequestBackoffEnd	Integer32,
wmanIf2BsOfdmaUIPuscSubChRotation	Integer32,
wmanIf2BsOfdmaRelPwrOffetUIHarqBurst	Integer32,
wmanIf2BsOfdmaRelPwrOffetUIMacMgmtBurst	Unsigned32,
wmanIf2BsOfdmaUIInitialTxTiming	Integer32,
wmanIf2BsOfdmaUIPhyModelId	WmanIf2TcUIPhyModelId,
wmanIf2BsOfdmaFastFeedbackRegion	WmanIf2TcFastFeedback,
wmanIf2BsOfdmaHarqAckRegion	WmanIf2TcHarqAckRegion,
wmanIf2BsOfdmaRangingRegion	WmanIf2TcRangingRegion,
wmanIf2BsOfdmaSoundingRegion	WmanIf2TcSoundingRegion,
wmanIf2BsOfdmaMsTxPowerLimit	<delete> Integer32 <delete><insert>Unsigned32<insert>,
wmanIf2BsOfdmaHfddGroupSwitchDelay	Integer32,
wmanIf2BsOfdmaFrameOffset	WmanIf2TcFrameOffset,
wmanIf2BsOfdmaNumOfPowerControlBits	WmanIf2TcPwrCntlBits}

wmanIf2BsOfdmaMsTxPowerLimit OBJECT-TYPE

SYNTAX <delete> Integer32 <delete><insert>Unsigned32<insert>(0 .. 255)

<insert>UNITS "dBm"<insert>

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Specifies the maximum allowed MS transmit power. Values

indicate power levels in 1 dB steps starting from 0 dBm."
::= { wmanIf2BsOfdmaUplinkChannelEntry 56 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # **A20083**

Document under Review: **7P80216Rev2_D7**

Ballot ID: **sb_16Rev2a**

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 62 Fig/Table# Subclause 13.2.3

Missing range

Suggested Remedy

wmanIf2BsOfdmaFddPartitionChange OBJECT-TYPE
SYNTAX Integer32 <insert>(0 .. 255)<insert>
UNITS "Frames"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"Indicate minimum number of frames (excluding current frame)
before next possible change."
::= { wmanIf2BsOfdmaDownlinkChannelEntry 9 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20084

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 58 Fig/Table# Subclause 13.2.3

add description to wmanIf2BsOfdmaCidDescriptor

Suggested Remedy

Change as the following:

wmanIf2BsOfdmaCidDescriptor OBJECT-TYPE

SYNTAX WmanIf2CidDescriptor

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"<insert>DCD TLV Connection identifier descriptor object<insert>

Most significant 11 bits = m (see Table 554)

Least significant 5 bits = a (number of reserved transport
CIDs per MS)"

REFERENCE

"Table 571"

::= { wmanIf2BsOfdmaDownlinkChannelEntry 20 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20085

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 2 Fig/Table# Subclause 13.2.3

Authorize Wait Timeout,
Reauthorize Wait,Timeout,
Authorization, Grace Time,
Operational Wait Timeout,
Rekey Wait Timeout,
TEK Grace Time,
Authorize Reject Wait Timeout are PKMv1 SS parameters. They are configured in wmanIf2BsPkmV1ConfigTable, and are sent to SS via Auth Reply, PMKv2-RSA reply, or PKMv2-SA-TEK response messages.

The clarify the above point, add "It is sent to SS via Auth Reply, PMKv2-RSA reply, or PKMv2-SA-TEK response messages." to the DESCRIPTION.

Also, add the REFERENCE
REFERENCE

"Subclause 11.9.18.1, Table 551"

Suggested Remedy

-- xxx

wmanIf2BsPkmV1AuthWaitTimeout OBJECT-TYPE

SYNTAX Integer32 (2 .. 30)

UNITS "seconds"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This object defines the Auth Req retransmission interval from Auth Wait state.<insert> It is sent to SS via Auth Reply, PMKv2-RSA reply, or PKMv2-SA-TEK response messages."

REFERENCE

"Subclause 11.9.18.1, Table 551" <insert>

DEFVAL { 10 }

::= { wmanIf2BsPkmV1ConfigEntry 4 }

wmanIf2BsPkmV1ReauthWaitTimeout OBJECT-TYPE

SYNTAX Integer32 (2 .. 30)

UNITS "seconds"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This object defines the Auth Req retransmission interval from Reauth Wait state. <insert>It is sent to SS via Auth Reply, PMKv2-RSA reply, or PMKv2-SA-TEK response messages."

REFERENCE

"Subclause 11.9.18.2, Table 551"<insert>

DEFVAL { 10 }

::= { wmanIf2BsPkmV1ConfigEntry 5 }

wmanIf2BsPkmV1AuthGraceTime OBJECT-TYPE

SYNTAX Integer32 (300 .. 3024000)

UNITS "seconds"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"The value of this object is the grace time for an authorization key. A SS is expected to start trying to get a new authorization key beginning AuthGraceTime seconds before the authorization key actually expires.<insert> It is sent to SS via Auth Reply, PMKv2-RSA reply, or PMKv2-SA-TEK response messages."

REFERENCE

"Subclause 11.9.18.3, Table 551"<insert>

DEFVAL { 600 }

::= { wmanIf2BsPkmV1ConfigEntry 6 }

wmanIf2BsPkmV1OpWaitTimeout OBJECT-TYPE

SYNTAX Integer32 (1 .. 10)

UNITS "seconds"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This object defines the Key Req retransmission interval from Op Wait state. <insert>It is sent to SS via Auth Reply, PMKv2-RSA reply, or PMKv2-SA-TEK response messages."

REFERENCE

"Subclause 11.9.18.4, Table 551"<insert>

DEFVAL { 1 }
::= { wmanIf2BsPkmV1ConfigEntry 7 }

wmanIf2BsPkmV1RekeyWaitTimeout OBJECT-TYPE

SYNTAX Integer32 (1 .. 10)
UNITS "seconds"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"This object defines the Key Req retransmission interval
from Rekey Wait state. <insert>It is sent to SS via Auth Reply,
PMKv2-RSA reply, or PKMv2-SA-TEK response messages."
REFERENCE
"Subclause 11.9.18.5, Table 551"<insert>
DEFVAL { 1 }
::= { wmanIf2BsPkmV1ConfigEntry 8 }

wmanIf2BsPkmV1TekGraceTime OBJECT-TYPE

SYNTAX Integer32 (300 .. 3024000)
UNITS "seconds"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"The value of this object is the grace time for the TEK in
seconds. The SS is expected to start trying to acquire a
new TEK beginning TEK GraceTime seconds before the
expiration of the most recent TEK.<insert> It is sent to SS via
Auth Reply, PMKv2-RSA reply, or PKMv2-SA-TEK response
messages."
REFERENCE
"Subclause 11.9.18.6, Table 551"<insert>
DEFVAL { 3600 }
::= { wmanIf2BsPkmV1ConfigEntry 9 }

wmanIf2BsPkmV1AuthRejectWaitTimeout OBJECT-TYPE

SYNTAX Integer32 (10 .. 600)
UNITS "seconds"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"This object defines the Delay before resending Auth Request

after receiving Auth Reject. <insert>It is sent to SS via Auth
Reply,PMKv2-RSA reply, or PKMv2-SA-TEK response messages."
REFERENCE
"Subclause 11.9.18.7, Table 551"<insert>
DEFVAL { 60 }
::= { wmanIf2BsPkmV1ConfigEntry 10 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20086**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 2	<u>Fig/Table#</u>	<u>Subclause</u> 13.2.3
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Authorize Wait Timeout,
 Reauthorize Wait,Timeout,
 Authorization, Grace Time,
 Operational Wait Timeout,
 Rekey Wait Timeout,
 TEK Grace Time,
 Authorize Reject Wait Timeout are PKMv2 BS and SS parameters in Table 552. But, they are not defined in
 WmanIf2BsPkmV2ConfigTable

Suggested Remedy

```
WmanIf2BsPkmV2ConfigEntry ::= SEQUENCE {
    wmanIf2BsPkmPmkPrehandshakeLifetime  Integer32,
    wmanIf2BsPkmPmkLifetime               Integer32,
    wmanIf2BsSaChallengeTimeout            Integer32,
    wmanIf2BsMaxSaTekChallenge              Integer32,
    wmanIf2BsSaTekTimeout                   Integer32,
    wmanIf2BsMaxSaTekRequest                Integer32<insert>,
    wmanIf2BsPkmV2AkLifetime               Integer32,
    wmanIf2BsPkmV2TekLifetime              Integer32,
    wmanIf2BsPkmV2AuthWaitTimeout           Integer32,
    wmanIf2BsPkmV2ReauthWaitTimeout         Integer32,
    wmanIf2BsPkmV3AuthGraceTime             Integer32,
    wmanIf2BsPkmV4OpWaitTimeout             Integer32,
    wmanIf2BsPkmV2RekeyWaitTimeout          Integer32,
    wmanIf2BsPkmV2TekGraceTime              Integer32,
    wmanIf2BsPkmV2AuthRejectWaitTimeout     Integer32<insert>}
```

<insert>

-- xxx

```
wmanIf2BsPkmV2AkLifetime OBJECT-TYPE
    SYNTAX      Integer32 (86400 .. 6048000)
```

UNITS "seconds"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"This object defines the lifetime of a newly assigned
authorization key."
DEFVAL { 604800 }
::= { wmanIf2BsPkmV2ConfigEntry 7 }

wmanIf2BsPkmV2TekLifetime OBJECT-TYPE

SYNTAX Integer32 (1800 .. 6048000)
UNITS "seconds"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"This object defines the lifetime of a newly assigned
Traffic Encryption Key(TEK)."
DEFVAL { 43200 }
::= { wmanIf2BsPkmV2ConfigEntry 8 }

wmanIf2BsPkmV2AuthWaitTimeout OBJECT-TYPE

SYNTAX Integer32 (2 .. 30)
UNITS "milliseconds"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"This object defines the Auth Req retransmission interval
from Auth Wait state. It is sent to SS via Auth Reply,
PMKv2-RSA reply, or PKMv2-SA-TEK response messages."
REFERENCE
"Subclause 11.9.18.1, Table 552"
DEFVAL { 10 }
::= { wmanIf2BsPkmV2ConfigEntry 9 }

wmanIf2BsPkmV2ReauthWaitTimeout OBJECT-TYPE

SYNTAX Integer32 (2 .. 30)
UNITS "seconds"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"This object defines the Auth Req retransmission interval

from Reauth Wait state. It is sent to SS via Auth Reply,
PMKv2-RSA reply, or PMKv2-SA-TEK response messages."

REFERENCE

"Subclause 11.9.18.2, Table 552"

DEFVAL { 10 }

::= { wmanIf2BsPkmV2ConfigEntry 10 }

wmanIf2BsPkmV3AuthGraceTime OBJECT-TYPE

SYNTAX Integer32 (300 .. 3600)

UNITS "seconds"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"The value of this object is the grace time for an
authorization key. A SS is expected to start trying to get
a new authorization key beginning AuthGraceTime seconds
before the authorization key actually expires. It is sent to
SS via Auth Reply, PMKv2-RSA reply, or PMKv2-SA-TEK
response messages."

REFERENCE

"Subclause 11.9.18.3, Table 552"

DEFVAL { 600 }

::= { wmanIf2BsPkmV2ConfigEntry 11 }

wmanIf2BsPkmV4OpWaitTimeout OBJECT-TYPE

SYNTAX Integer32 (1 .. 10)

UNITS "seconds"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This object defines the Key Req retransmission interval
from Op Wait state. It is sent to SS via Auth Reply,
PMKv2-RSA reply, or PMKv2-SA-TEK response messages."

REFERENCE

"Subclause 11.9.18.4, Table 552"

DEFVAL { 1 }

::= { wmanIf2BsPkmV2ConfigEntry 12 }

wmanIf2BsPkmV2RekeyWaitTimeout OBJECT-TYPE

SYNTAX Integer32 (1 .. 10)

UNITS "seconds"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This object defines the Key Req retransmission interval from Rekey Wait state. It is sent to SS via Auth Reply, PMKv2-RSA reply, or PKMv2-SA-TEK response messages."

REFERENCE

"Subclause 11.9.18.5, Table 552"

DEFVAL { 1 }

::= { wmanIf2BsPkmV2ConfigEntry 13 }

wmanIf2BsPkmV2TekGraceTime OBJECT-TYPE

SYNTAX Integer32 (60 .. 3600)

UNITS "seconds"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"The value of this object is the grace time for the TEK in seconds. The SS is expected to start trying to acquire a new TEK beginning TEK GraceTime seconds before the expiration of the most recent TEK. It is sent to SS via Auth Reply, PMKv2-RSA reply, or PKMv2-SA-TEK response messages."

REFERENCE

"Subclause 11.9.18.6, Table 552"

DEFVAL { 300 }

::= { wmanIf2BsPkmV2ConfigEntry 14 }

wmanIf2BsPkmV2AuthRejectWaitTimeout OBJECT-TYPE

SYNTAX Integer32 (10 .. 600)

UNITS "seconds"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This object defines the Delay before resending Auth Request after receiving Auth Reject. It is sent to SS via Auth Reply, PMKv2-RSA reply, or PKMv2-SA-TEK response messages."

REFERENCE

"Subclause 11.9.18.7, Table 552"

DEFVAL { 60 }

::= { wmanIf2BsPkmV2ConfigEntry 15 }<insert>

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20087

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 52 Fig/Table# Subclause 13.2.4

T55 and MIH max cycles have been added in REV2in in REV2.

Suggested Remedy

```
WmanIf2mBsConfigurationEntry ::= SEQUENCE {
    wmanIf2mBsMobNbrAdvInterval      Integer32,
    wmanIf2mBsAscAgingTimer          Integer32,
    wmanIf2mBsPagingRetryCount       Integer32,
    wmanIf2mBsModeSelectFeedbackProcTime Integer32,
    wmanIf2mBsIdleModeSystemTimer    Unsigned32,
    wmanIf2mBsMgmtResourceHoldingTimer Integer32,
    wmanIf2mBsDregCommandRetryCount  Integer32,
    wmanIf2mBsT46Timer               Integer32,
    wmanIf2mBsT47Timer               Integer32,
    wmanIf2mBsPagingInterval          Integer32,
    <insert>wmanIf2mBsT55Timer          Integer32,
    wmanIf2mBsMihMaxCycles            Integer32,<insert>
    wmanIf2mBs2ndMgmtDIQoSProfileIndex Integer32,
    wmanIf2mBs2ndMgmtUIQoSProfileIndex Integer32,
    wmanIf2mBsBasicCidDIQoSProfileIndex Integer32,
    wmanIf2mBsBasicCidUIQoSProfileIndex Integer32,
    wmanIf2mBsPrimaryCidDIQoSProfileIndex Integer32,
    wmanIf2mBsPrimaryCidUIQoSProfileIndex Integer32}
```

<insert>

-- XXX

```
wmanIf2mBsT55Timer OBJECT-TYPE
    SYNTAX      Integer32 (8 .. 65535)
    UNITS       "frames"
    MAX-ACCESS  read-write
```

STATUS current

DESCRIPTION

"This timer starts in the frame where the MS expects to receive the Fast Ranging IE. Upon expiration of this timer , the MS shall not expect the Target BS to grant an UL allocation via the Fast Ranging IE and shall release the HO ID."

::= { wmanIf2mBsConfigurationEntry 11 }

-- xxx

wmanIf2mBsMihMaxCycles OBJECT-TYPE

SYNTAX Integer32 (3 .. 65535)

UNITS "cycles"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"The maximum number of cycles that an MS waits for an MIH response during initial entry."

DEFVAL { 3 }

::= { wmanIf2mBsConfigurationEntry 12 }

<insert>

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # A20088Document under Review: P80216Rev2_D7Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 61 Fig/Table# Subclause 13.2.4

It is not true "The total number of wmanIf2mBsOfdmaInitRngCodes, wmanIf2mBsOfdmaPeriodicRngCodes, and wmanIf2mBsOfdmaBWReqCodes shall be <= 256.

The note of Initial Ranging codes, Periodic ranging codes, and Bandwidth request codes indicates below.

The total number of codes shall be equal or less than 256.

Suggested Remedy

wmanIf2mBsOfdmaInitRngCodes OBJECT-TYPE

SYNTAX Integer32 (0 .. 255)

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Number of initial ranging CDMA codes. <delete>The total number of wmanIf2mBsOfdmaInitRngCodes, wmanIf2mBsOfdmaPeriodicRngCodes, and wmanIf2mBsOfdmaBWReqCodes shall be <= 256.<delete>"

DEFVAL { 30 }

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 7 }

wmanIf2mBsOfdmaPeriodicRngCodes OBJECT-TYPE

SYNTAX Integer32 (0 .. 255)

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Number of periodic ranging CDMA codes. <delete>The total number of wmanIf2mBsOfdmaInitRngCodes, wmanIf2mBsOfdmaPeriodicRngCodes, and wmanIf2mBsOfdmaBWReqCodes shall be <= 256.<delete>"

DEFVAL { 30 }

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 8 }

wmanIf2mBsOfdmaBWReqCodes OBJECT-TYPE

SYNTAX Integer32 (0..255)

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Number of bandwidth request codes. ~~The total number of~~
wmanIf2mBsOfdmaInitRngCodes,
wmanIf2mBsOfdmaPeriodicRngCodes, and
wmanIf2mBsOfdmaBWReqCodes shall be <= 256.~~"~~

```
DEFVAL { 30 }
```

```
 ::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 9 }
```

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20089

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 17 Fig/Table# Subclause 13.2.4

The permutation base use 7 LSBs, So, the range shall be 0 .. 127.

Suggested Remedy

wmanIf2mBsOfdmaPermutationBase OBJECT-TYPE

SYNTAX Integer32 (0 .. <delete>255<delete><insert>127<insert>)

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Determines the UL_PermBase parameter for the subcarrier permutation to be used on this uplink channel.

UL_PermBase = 7 LSBs of Permutation base."

DEFVAL { 0 }

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 13 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # A20090Document under Review: P80216Rev2_D7Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 65 Fig/Table# Subclause 13.2.4

The range of threshold is -128 to +127 dB. The range of these objects should be changed accordingly.

Suggested Remedy

wmanIf2mBsOfdmaBandAMCAllocThreshold OBJECT-TYPE

SYNTAX Integer32 (<delete>0<delete> ><insert> -128<insert> .. <delete>255<delete><insert> 127<insert>)

UNITS "dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Threshold of the maximum of the standard deviations of the individual bands CINR measurements over time to trigger mode transition from normal subchannel to Band AMC"

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 16 }

wmanIf2mBsOfdmaBandAMCReleaseThreshold OBJECT-TYPE

SYNTAX Integer32 (<delete>0<delete> ><insert> -128<insert> .. <delete>255<delete><insert> 127<insert>)

UNITS "dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Threshold of the maximum of the standard deviations of the individual bands CINR measurements over time to trigger mode transition from Band AMC to normal subchannel"

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 17 }

GroupResolutionDecision of Group: AgreeReason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # A20091Document under Review: P80216Rev2_D7Ballot ID: sb_16Rev2a

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 12	<u>Fig/Table#</u>	<u>Subclause</u> 13.2.4
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Change the range of threshold to -128 to +127 dB.

Suggested Remedy

wmanIf2mBsOfdmaSafetyChAllocThreshold OBJECT-TYPE

SYNTAX Integer32 (<delete>0<delete> ><insert> -128<insert> .. <delete>255<delete><insert> 127<insert>)

UNITS "dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Safety channel allocation threshold."

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 22 }

wmanIf2mBsOfdmaSafetyChReleaseThreshold OBJECT-TYPE

SYNTAX Integer32 (<delete>0<delete> ><insert> -128<insert> .. <delete>255<delete><insert> 127<insert>)

UNITS "dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Safety channel release threshold."

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 23 }

GroupResolutionDecision of Group: AgreeReason for Group's Decision/ResolutionGroup's NotesEditor's NotesEditor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20092

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 23 Fig/Table# Subclause 13.2.4

The range is 0 .. 255

CQICH Band AMCTransition Delay - Frame unit. Range: 0 to 255 frames

Suggested Remedy

wmanIf2mBsOfdmaCqichBandAmcTransDelay OBJECT-TYPE
SYNTAX Integer32 (<delete>1<delete><insert>0<insert>..255)
UNITS "Frame"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"CQICH band AMC transition delay."
DEFVAL { 4 }
::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 29

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # A20093Document under Review: P80216Rev2_D7Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 19 Fig/Table# Subclause 13.2.4

Change the range of to -128 to 127 dB.

Suggested Remedy

wmanIf2mBsOfdmaNormalizedCnValue OBJECT-TYPE

SYNTAX Integer32 (-128..~~<delete>128<delete><insert> 127><insert>~~)

UNITS "dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"It shall be interpreted as signed integer in dB. It corresponds to the normalized C/N value in the first line (counting except for header cell of table)"

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 33 }

wmanIf2mBsOfdmaBandAmcEntryAvgCinr OBJECT-TYPE

SYNTAX Integer32 (-128..~~<delete>128<delete><insert> 127><insert>~~)

UNITS "dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Threshold of the average CINR of the whole bandwidth to trigger mode transition from normal subchannel to AMC"

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 35 }

wmanIf2mBsOfdmaAasPreambleUpperBond OBJECT-TYPE

SYNTAX Integer32 (-128..~~<delete>128<delete><insert> 127><insert>~~)

UNITS "0.25 dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Upper bound of AAS preamble."

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 36 }

wmanIf2mBsOfdmaAasPreambleLowerBond OBJECT-TYPE

SYNTAX Integer32 (-128..~~128~~<insert> 127><insert>)

UNITS "0.25 dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Lower bound of AAS preamble."

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 37 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20094**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 48	<u>Fig/Table#</u>	<u>Subclause</u> 13.2.3
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These objects are missing the range.

Suggested Remedy

wmanIf2mBsOfdmaMsUpPowerAdjStep OBJECT-TYPE
SYNTAX Unsigned32 <insert>(0 .. 255)<insert>
UNITS "0.01 dB"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"MS-specific up power offset adjustment step"
::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 40 }

wmanIf2mBsOfdmaMsDownPowerAdjStep OBJECT-TYPE
SYNTAX Unsigned32<insert>(0 .. 255)<insert>
UNITS "0.01 dB"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"MS-specific down power offset adjustment step"
::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 41 }

wmanIf2mBsOfdmaMinPowerOffsetAdj OBJECT-TYPE
SYNTAX Integer32<insert>(-128 .. 127)<insert>
UNITS "0.1 dB"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"Minimum level of power offset adjustment"
::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 42 }

wmanIf2mBsOfdmaMaxPowerOffsetAdj OBJECT-TYPE
SYNTAX Integer32<insert>(-128 .. 127)<insert>

UNITS "0.1 dB"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"Maximum level of power offset adjustment"
::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 43 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20095**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 36	<u>Fig/Table#</u>	<u>Subclause</u> 13.2.4
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These object is missing the range and unit.

Also change the SYNTAX from Integer 32 to Unsigned32

Suggested Remedy

```

WmanIf2mBsNeighborBsOfdmaUcdEntry ::= SEQUENCE {
    wmanIf2mBsOfdmaCtBasedResvTimeout    Integer32,
    wmanIf2mBsOfdmaUplinkCenterFreq      Unsigned32,
    wmanIf2mBsOfdmaUIRadioResource       Integer32,
    wmanIf2mBsOfdmaHandoverRangingStart   Integer32,
    wmanIf2mBsOfdmaHandoverRangingEnd     Integer32,
    wmanIf2mBsOfdmaUIAmcAlloPhyBandsBitmap OCTET STRING,
    wmanIf2mBsOfdmaInitRngCodes           Integer32,
    wmanIf2mBsOfdmaPeriodicRngCodes       Integer32,
    wmanIf2mBsOfdmaBWReqCodes             Integer32,
    wmanIf2mBsOfdmaPeriodRngBackoffStart   Integer32,
    wmanIf2mBsOfdmaPeriodRngBackoffEnd     Integer32,
    wmanIf2mBsOfdmaStartOfRngCodes         Integer32,
    wmanIf2mBsOfdmaPermutationBase         Integer32,
    wmanIf2mBsOfdmaULAllocSubchBitmap      OCTET STRING,
    wmanIf2mBsOfdmaOptPermULAllocSubchBitmap OCTET STRING,
    wmanIf2mBsOfdmaBandAMCAllocThreshold   Integer32,
    wmanIf2mBsOfdmaBandAMCReleaseThreshold Integer32,
    wmanIf2mBsOfdmaBandAMCAllocTimer       Integer32,
    wmanIf2mBsOfdmaBandAMCReleaseTimer     Integer32,
    wmanIf2mBsOfdmaBandStatRepMAXPeriod    Integer32,
    wmanIf2mBsOfdmaBandAMCRetryTimer       Integer32,
    wmanIf2mBsOfdmaSafetyChAllocThreshold  Integer32,
    wmanIf2mBsOfdmaSafetyChReleaseThreshold Integer32,
    wmanIf2mBsOfdmaSafetyChAllocTimer      Integer32,
    wmanIf2mBsOfdmaSafetyChReleaseTimer    Integer32,
    wmanIf2mBsOfdmaBinStatusReportMaxPeriod Integer32,

```

wmanIf2mBsOfdmaSafetyChRetryTimer Integer32,
wmanIf2mBsOfdmaHARQAckDelayDLBurst WmanIf2TcHarqAckDelay,
wmanIf2mBsOfdmaCqichBandAmcTransDelay Integer32,
wmanIf2mBsOfdmaMaxRetransmission Integer32,
wmanIf2mBsOfdmaNormalizedCnOverride OCTET STRING,
wmanIf2mBsOfdmaSizeOfCqichId Integer32,
wmanIf2mBsOfdmaNormalizedCnValue Integer32,
wmanIf2mBsOfdmaNormalizedCnOverride2 OCTET STRING,
wmanIf2mBsOfdmaBandAmcEntryAvgCinr Integer32,
wmanIf2mBsOfdmaAasPreambleUpperBond Integer32,
wmanIf2mBsOfdmaAasPreambleLowerBond Integer32,
wmanIf2mBsOfdmaAasBeamSelectAllowed WmanIf2TcAasBeamSel,
wmanIf2mBsOfdmaCqichIndicationFlag OCTET STRING,
wmanIf2mBsOfdmaMsUpPowerAdjStep Unsigned32,
wmanIf2mBsOfdmaMsDownPowerAdjStep Unsigned32,
wmanIf2mBsOfdmaMinPowerOffsetAdj Integer32,
wmanIf2mBsOfdmaMaxPowerOffsetAdj Integer32,
wmanIf2mBsOfdmaHandoverRangingCodes Integer32,
wmanIf2mBsOfdmaInitialRangingInterval <delete>Integer32<delete> <insert>Unsigned32<insert>,
wmanIf2mBsOfdmaInitialRangingInterval Integer32,
wmanIf2mBsOfdmaTxPowerReport WmanIf2TcTxPowerReport,
wmanIf2mBsOfdmaNormalizedCnChSounding Integer32,
wmanIf2mBsOfdmaInitialRngBackoffStart Integer32,
wmanIf2mBsOfdmaInitialRngBackoffEnd Integer32,
wmanIf2mBsOfdmaBwRequestBackoffStart Integer32,
wmanIf2mBsOfdmaBwRequestBackoffEnd Integer32,
wmanIf2mBsOfdmaUIPuscSubChRotation Integer32,
wmanIf2mBsOfdmaRelPwrOffetUIHarqBurst Integer32,
wmanIf2mBsOfdmaRelPwrOffetUIMacMgmBurst Integer32,
wmanIf2mBsOfdmaUIInitialTxTiming Integer32,
wmanIf2mBsOfdmaUIPhyModelId WmanIf2TcUIPhyModelId,
wmanIf2mBsOfdmaFastFeedbackRegion WmanIf2TcFastFeedback,
wmanIf2mBsOfdmaHarqAckRegion WmanIf2TcHarqAckRegion,
wmanIf2mBsOfdmaRangingRegion WmanIf2TcRangingRegion,
wmanIf2mBsOfdmaSoundingRegion WmanIf2TcSoundingRegion,
wmanIf2mBsOfdmaMsTxPowerLimit Integer32,
wmanIf2mBsOfdmaHfddGroupSwitchDelay Integer32,
wmanIf2mBsOfdmaFrameOffset WmanIf2TcFrameOffset,
wmanIf2mBsOfdmaNumOfPowerControlBits WmanIf2TcPwrCntlBits,
wmanIf2mBsOfdmaFddDIInterGroupGap WmanIf2TcFddDIGrpGap,
wmanIf2mBsOfdmaFddPartitionChange Integer32,

wmanIf2mBsOfdmaUcdConfigChangeCount Integer32}

wmanIf2mBsOfdmaInitialRangingInterval OBJECT-TYPE

SYNTAX <delete>Integer32<delete> <insert>Unsigned32 (0 .. 255)<insert>

<insert>UNITS "frames"<insert>

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Number of frames between initial ranging interval
allocation."

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 45 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20096

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 56 Fig/Table# Subclause 13.2.4

These object is missing the range and unit.

Suggested Remedy

wmanIf2mBsOfdmaNormalizedCnChSounding OBJECT-TYPE
 SYNTAX Integer32<insert>(-128 .. 127)<insert>
 <insert>UNITS "dB"<insert>
 MAX-ACCESS read-write
 STATUS current
 DESCRIPTION
 "Signed integer for the required C/N (dB) for Channel
 Sounding."
 ::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 47 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20097**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

Comment Type **Technical** Part of Dis ☐ Satisfied ☐ Page ? Line **60** Fig/Table# Subclause **13.2.4**

wmanIf2mBsOfdmaRelPwrOffetUIHarqBurst is a 4 bits signed integer, so the range shall be changed to -8 - 7

wmanIf2mBsOfdmaRelPwrOffetUIMacMgmtBurst is a 3 bits unsigned integer, so the SYNTAX shall be changed to Unsigned32 (0 ..7)

Suggested Remedy

```
WmanIf2mBsNeighborBsOfdmaUcdEntry ::= SEQUENCE {
    wmanIf2mBsOfdmaCtBasedResvTimeout      Integer32,
    wmanIf2mBsOfdmaUplinkCenterFreq         Unsigned32,
    wmanIf2mBsOfdmaUIRadioResource          Integer32,
    wmanIf2mBsOfdmaHandoverRangingStart     Integer32,
    wmanIf2mBsOfdmaHandoverRangingEnd       Integer32,
    wmanIf2mBsOfdmaUIAmcAlloPhyBandsBitmap  OCTET STRING,
    wmanIf2mBsOfdmaInitRngCodes             Integer32,
    wmanIf2mBsOfdmaPeriodicRngCodes         Integer32,
    wmanIf2mBsOfdmaBWReqCodes               Integer32,
    wmanIf2mBsOfdmaPeriodRngBackoffStart    Integer32,
    wmanIf2mBsOfdmaPeriodRngBackoffEnd      Integer32,
    wmanIf2mBsOfdmaStartOfRngCodes          Integer32,
    wmanIf2mBsOfdmaPermutationBase          Integer32,
    wmanIf2mBsOfdmaULAllocSubchBitmap       OCTET STRING,
    wmanIf2mBsOfdmaOptPermULAllocSubchBitmap OCTET STRING,
    wmanIf2mBsOfdmaBandAMCAllocThreshold    Integer32,
    wmanIf2mBsOfdmaBandAMCReleaseThreshold  Integer32,
    wmanIf2mBsOfdmaBandAMCAllocTimer        Integer32,
    wmanIf2mBsOfdmaBandAMCReleaseTimer      Integer32,
    wmanIf2mBsOfdmaBandStatRepMAXPeriod     Integer32,
    wmanIf2mBsOfdmaBandAMCRetryTimer        Integer32,
    wmanIf2mBsOfdmaSafetyChAllocThreshold   Integer32,
    wmanIf2mBsOfdmaSafetyChReleaseThreshold Integer32,
    wmanIf2mBsOfdmaSafetyChAllocTimer       Integer32,
    wmanIf2mBsOfdmaSafetyChReleaseTimer     Integer32,
    wmanIf2mBsOfdmaBinStatusReportMaxPeriod Integer32,
```

wmanIf2mBsOfdmaSafetyChRetryTimer Integer32,
wmanIf2mBsOfdmaHARQAckDelayDLBurst WmanIf2TcHarqAckDelay,
wmanIf2mBsOfdmaCqichBandAmcTransDelay Integer32,
wmanIf2mBsOfdmaMaxRetransmission Integer32,
wmanIf2mBsOfdmaNormalizedCnOverride OCTET STRING,
wmanIf2mBsOfdmaSizeOfCqichId Integer32,
wmanIf2mBsOfdmaNormalizedCnValue Integer32,
wmanIf2mBsOfdmaNormalizedCnOverride2 OCTET STRING,
wmanIf2mBsOfdmaBandAmcEntryAvgCinr Integer32,
wmanIf2mBsOfdmaAasPreambleUpperBond Integer32,
wmanIf2mBsOfdmaAasPreambleLowerBond Integer32,
wmanIf2mBsOfdmaAasBeamSelectAllowed WmanIf2TcAasBeamSel,
wmanIf2mBsOfdmaCqichIndicationFlag OCTET STRING,
wmanIf2mBsOfdmaMsUpPowerAdjStep Unsigned32,
wmanIf2mBsOfdmaMsDownPowerAdjStep Unsigned32,
wmanIf2mBsOfdmaMinPowerOffsetAdj Integer32,
wmanIf2mBsOfdmaMaxPowerOffsetAdj Integer32,
wmanIf2mBsOfdmaHandoverRangingCodes Integer32,
wmanIf2mBsOfdmaInitialRangingInterval Unsigned32,
wmanIf2mBsOfdmaTxPowerReport WmanIf2TcTxPowerReport,
wmanIf2mBsOfdmaNormalizedCnChSounding Integer32,
wmanIf2mBsOfdmaInitialRngBackoffStart Integer32,
wmanIf2mBsOfdmaInitialRngBackoffEnd Integer32,
wmanIf2mBsOfdmaBwRequestBackoffStart Integer32,
wmanIf2mBsOfdmaBwRequestBackoffEnd Integer32,
wmanIf2mBsOfdmaUIPuscSubChRotation Integer32,
wmanIf2mBsOfdmaRelPwrOffetUIHarqBurst Integer32,
wmanIf2mBsOfdmaRelPwrOffetUIMacMgmBurst <delete>Integer32<delete><insert>Unsigned32<insert>
wmanIf2BsOfdmaUIInitialTxTiming Integer32,
wmanIf2mBsOfdmaUIInitialTxTiming Integer32,
wmanIf2mBsOfdmaUIPhyModelId WmanIf2TcUIPhyModelId,
wmanIf2mBsOfdmaFastFeedbackRegion WmanIf2TcFastFeedback,
wmanIf2mBsOfdmaHarqAckRegion WmanIf2TcHarqAckRegion,
wmanIf2mBsOfdmaRangingRegion WmanIf2TcRangingRegion,
wmanIf2mBsOfdmaSoundingRegion WmanIf2TcSoundingRegion,
wmanIf2mBsOfdmaMsTxPowerLimit Integer32,
wmanIf2mBsOfdmaHfddGroupSwitchDelay Integer32,
wmanIf2mBsOfdmaFrameOffset WmanIf2TcFrameOffset,
wmanIf2mBsOfdmaNumOfPowerControlBits WmanIf2TcPwrCntlBits,
wmanIf2mBsOfdmaFddDIInterGroupGap WmanIf2TcFddDIGrpGap,
wmanIf2mBsOfdmaFddPartitionChange Integer32,

wmanIf2mBsOfdmaUcdConfigChangeCount Integer32}

wmanIf2mBsOfdmaRelPwrOffsetUIHarqBurst OBJECT-TYPE

SYNTAX Integer32 <delete>(0 .. 15)<delete><insert>(-8 .. 7)<insert>

UNITS "0.5dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Offset for HARQ burst relative to non-HARQ burst.

(signed integer in 0.5 dB unit)"

DEFVAL { 0 }

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 53 }

wmanIf2mBsOfdmaRelPwrOffsetUIMacMgmBurst OBJECT-TYPE

SYNTAX <delete>Integer32 (0 .. 15)<delete><insert>Unsigned32 (0 .. 7)<insert>

UNITS "0.5dB"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Power offset for UL burst containing a MAC management

message relative to the normal traffic burst.

(unsigned integer in 0.5 dB units)"

DEFVAL { 0 }

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 54 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # **A20098**Document under Review: **P80216Rev2_D7**Ballot ID: **sb_16Rev2a**

Comment Type **Technical** Part of Dis ☐ Satisfied ☐ Page ? Line **42** Fig/Table# Subclause **13.2.4**

UL PHY Mode ID is missing in WmanIf2mBsNeighborBsOfdmaUcdTable

Suggested Remedy

1. Add WmanIf2TcUIPhyModeld to the IMPORTS of wmanIf2mMib

2.

```
WmanIf2mBsNeighborBsOfdmaUcdEntry ::= SEQUENCE {
    wmanIf2mBsOfdmaCtBasedResvTimeout      Integer32,
    wmanIf2mBsOfdmaUplinkCenterFreq         Unsigned32,
    wmanIf2mBsOfdmaUIRadioResource          Integer32,
    wmanIf2mBsOfdmaHandoverRangingStart     Integer32,
    wmanIf2mBsOfdmaHandoverRangingEnd      Integer32,
    wmanIf2mBsOfdmaUIAmcAlloPhyBandsBitmap  OCTET STRING,
    wmanIf2mBsOfdmaInitRngCodes             Integer32,
    wmanIf2mBsOfdmaPeriodicRngCodes         Integer32,
    wmanIf2mBsOfdmaBWReqCodes              Integer32,
    wmanIf2mBsOfdmaPeriodRngBackoffStart    Integer32,
    wmanIf2mBsOfdmaPeriodRngBackoffEnd      Integer32,
    wmanIf2mBsOfdmaStartOfRngCodes          Integer32,
    wmanIf2mBsOfdmaPermutationBase          Integer32,
    wmanIf2mBsOfdmaULAllocSubchBitmap       OCTET STRING,
    wmanIf2mBsOfdmaOptPermULAllocSubchBitmap OCTET STRING,
    wmanIf2mBsOfdmaBandAMCAllocThreshold    Integer32,
    wmanIf2mBsOfdmaBandAMCReleaseThreshold Integer32,
    wmanIf2mBsOfdmaBandAMCAllocTimer        Integer32,
    wmanIf2mBsOfdmaBandAMCReleaseTimer      Integer32,
    wmanIf2mBsOfdmaBandStatRepMAXPeriod     Integer32,
    wmanIf2mBsOfdmaBandAMCRetryTimer        Integer32,
    wmanIf2mBsOfdmaSafetyChAllocThreshold   Integer32,
    wmanIf2mBsOfdmaSafetyChReleaseThreshold Integer32,
    wmanIf2mBsOfdmaSafetyChAllocTimer       Integer32,
    wmanIf2mBsOfdmaSafetyChReleaseTimer     Integer32,
```

wmanIf2mBsOfdmaBinStatusReportMaxPeriod Integer32,
wmanIf2mBsOfdmaSafetyChRetryTimer Integer32,
wmanIf2mBsOfdmaHARQAckDelayDLBurst WmanIf2TcHarqAckDelay,
wmanIf2mBsOfdmaCqichBandAmcTransDelay Integer32,
wmanIf2mBsOfdmaMaxRetransmission Integer32,
wmanIf2mBsOfdmaNormalizedCnOverride OCTET STRING,
wmanIf2mBsOfdmaSizeOfCqichId Integer32,
wmanIf2mBsOfdmaNormalizedCnValue Integer32,
wmanIf2mBsOfdmaNormalizedCnOverride2 OCTET STRING,
wmanIf2mBsOfdmaBandAmcEntryAvgCinr Integer32,
wmanIf2mBsOfdmaAasPreambleUpperBond Integer32,
wmanIf2mBsOfdmaAasPreambleLowerBond Integer32,
wmanIf2mBsOfdmaAasBeamSelectAllowed WmanIf2TcAasBeamSel,
wmanIf2mBsOfdmaCqichIndicationFlag OCTET STRING,
wmanIf2mBsOfdmaMsUpPowerAdjStep Unsigned32,
wmanIf2mBsOfdmaMsDownPowerAdjStep Unsigned32,
wmanIf2mBsOfdmaMinPowerOffsetAdj Integer32,
wmanIf2mBsOfdmaMaxPowerOffsetAdj Integer32,
wmanIf2mBsOfdmaHandoverRangingCodes Integer32,
wmanIf2mBsOfdmaInitialRangingInterval Integer32,
wmanIf2mBsOfdmaTxPowerReport WmanIf2TcTxPowerReport,
wmanIf2mBsOfdmaNormalizedCnChSounding Integer32,
wmanIf2mBsOfdmaInitialRngBackoffStart Integer32,
wmanIf2mBsOfdmaInitialRngBackoffEnd Integer32,
wmanIf2mBsOfdmaBwRequestBackoffStart Integer32,
wmanIf2mBsOfdmaBwRequestBackoffEnd Integer32,
wmanIf2mBsOfdmaUIPuscSubChRotation Integer32,
wmanIf2mBsOfdmaRelPwrOffetUIHarqBurst Integer32,
wmanIf2mBsOfdmaRelPwrOffetUIMacMgmBurst Integer32,
wmanIf2mBsOfdmaUIInitialTxTiming Integer32,
<insert>wmanIf2mBsOfdmaUIPhyModelId WmanIf2TcUIPhyModelId,<insert>
wmanIf2mBsOfdmaFastFeedbackRegion WmanIf2TcFastFeedback,
wmanIf2mBsOfdmaHarqAckRegion WmanIf2TcHarqAckRegion,
wmanIf2mBsOfdmaRangingRegion WmanIf2TcRangingRegion,
wmanIf2mBsOfdmaSoundingRegion WmanIf2TcSoundingRegion,
wmanIf2mBsOfdmaMsTxPowerLimit Integer32,
wmanIf2mBsOfdmaHfddGroupSwitchDelay Integer32,
wmanIf2mBsOfdmaFrameOffset WmanIf2TcFrameOffset,
wmanIf2mBsOfdmaNumOfPowerControlBits WmanIf2TcPwrCntlBits,
wmanIf2mBsOfdmaFddDIInterGroupGap WmanIf2TcFddDIGrpGap,
wmanIf2mBsOfdmaFddPartitionChange Integer32,

wmanIf2mBsOfdmaUcdConfigChangeCount Integer32}

3.

<insert>

wmanIf2mBsOfdmaUIPhyModelId OBJECT-TYPE

SYNTAX WmanIf2TcUIPhyModelId

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Uplink PHY mode ID"

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 56 }

<insert>

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # A20099Document under Review: P80216Rev2_D7Ballot ID: sb_16Rev2a

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 17	<u>Fig/Table#</u>	<u>Subclause</u> 13.2.4
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The syntax of wmanIf2mBsOfdmaMsTxPowerLimit shall be unsigned.

Also, it is missing the UNITS

Suggested Remedy

```
WmanIf2mBsNeighborBsOfdmaUcdEntry ::= SEQUENCE {
    wmanIf2mBsOfdmaCtBasedResvTimeout    Integer32,
    wmanIf2mBsOfdmaUplinkCenterFreq      Unsigned32,
    wmanIf2mBsOfdmaUIRadioResource       Integer32,
    wmanIf2mBsOfdmaHandoverRangingStart  Integer32,
    wmanIf2mBsOfdmaHandoverRangingEnd    Integer32,
    wmanIf2mBsOfdmaUIAmcAlloPhyBandsBitmap OCTET STRING,
    wmanIf2mBsOfdmaInitRngCodes          Integer32,
    wmanIf2mBsOfdmaPeriodicRngCodes      Integer32,
    wmanIf2mBsOfdmaBWReqCodes            Integer32,
    wmanIf2mBsOfdmaPeriodRngBackoffStart Integer32,
    wmanIf2mBsOfdmaPeriodRngBackoffEnd   Integer32,
    wmanIf2mBsOfdmaStartOfRngCodes       Integer32,
    wmanIf2mBsOfdmaPermutationBase       Integer32,
    wmanIf2mBsOfdmaULAllocSubchBitmap    OCTET STRING,
    wmanIf2mBsOfdmaOptPermULAllocSubchBitmap OCTET STRING,
    wmanIf2mBsOfdmaBandAMCAllocThreshold Integer32,
    wmanIf2mBsOfdmaBandAMCReleaseThreshold Integer32,
    wmanIf2mBsOfdmaBandAMCAllocTimer     Integer32,
    wmanIf2mBsOfdmaBandAMCReleaseTimer   Integer32,
    wmanIf2mBsOfdmaBandStatRepMAXPeriod  Integer32,
    wmanIf2mBsOfdmaBandAMCRetryTimer     Integer32,
    wmanIf2mBsOfdmaSafetyChAllocThreshold Integer32,
    wmanIf2mBsOfdmaSafetyChReleaseThreshold Integer32,
    wmanIf2mBsOfdmaSafetyChAllocTimer    Integer32,
    wmanIf2mBsOfdmaSafetyChReleaseTimer  Integer32,
    wmanIf2mBsOfdmaBinStatusReportMaxPeriod Integer32,
```

```

wmanIf2mBsOfdmaSafetyChRetryTimer      Integer32,
wmanIf2mBsOfdmaHARQAckDelayDLBurst      WmanIf2TcHarqAckDelay,
wmanIf2mBsOfdmaCqichBandAmcTransDelay   Integer32,
wmanIf2mBsOfdmaMaxRetransmission         Integer32,
wmanIf2mBsOfdmaNormalizedCnOverride      OCTET STRING,
wmanIf2mBsOfdmaSizeOfCqichId             Integer32,
wmanIf2mBsOfdmaNormalizedCnValue         Integer32,
wmanIf2mBsOfdmaNormalizedCnOverride2     OCTET STRING,
wmanIf2mBsOfdmaBandAmcEntryAvgCinr       Integer32,
wmanIf2mBsOfdmaAasPreambleUpperBond      Integer32,
wmanIf2mBsOfdmaAasPreambleLowerBond      Integer32,
wmanIf2mBsOfdmaAasBeamSelectAllowed       WmanIf2TcAasBeamSel,
wmanIf2mBsOfdmaCqichIndicationFlag       OCTET STRING,
wmanIf2mBsOfdmaMsUpPowerAdjStep           Unsigned32,
wmanIf2mBsOfdmaMsDownPowerAdjStep         Unsigned32,
wmanIf2mBsOfdmaMinPowerOffsetAdj          Integer32,
wmanIf2mBsOfdmaMaxPowerOffsetAdj          Integer32,
wmanIf2mBsOfdmaHandoverRangingCodes      Integer32,
wmanIf2mBsOfdmaInitialRangingInterval    Unsigned32,
wmanIf2mBsOfdmaTxPowerReport              WmanIf2TcTxPowerReport,
wmanIf2mBsOfdmaNormalizedCnChSounding    Integer32,
wmanIf2mBsOfdmaInitialRngBackoffStart     Integer32,
wmanIf2mBsOfdmaInitialRngBackoffEnd       Integer32,
wmanIf2mBsOfdmaBwRequestBackoffStart      Integer32,
wmanIf2mBsOfdmaBwRequestBackoffEnd        Integer32,
wmanIf2mBsOfdmaUIPuscSubChRotation        Integer32,
wmanIf2mBsOfdmaRelPwrOffetUIHarqBurst     Integer32,
wmanIf2mBsOfdmaRelPwrOffetUIMacMgmBurst   Integer32,
wmanIf2mBsOfdmaUIInitialTxTiming          Integer32,
wmanIf2mBsOfdmaUIPhyModelId              WmanIf2TcUIPhyModelId,
wmanIf2mBsOfdmaFastFeedbackRegion         WmanIf2TcFastFeedback,
wmanIf2mBsOfdmaHarqAckRegion              WmanIf2TcHarqAckRegion,
wmanIf2mBsOfdmaRangingRegion              WmanIf2TcRangingRegion,
wmanIf2mBsOfdmaSoundingRegion             WmanIf2TcSoundingRegion,
wmanIf2mBsOfdmaMsTxPowerLimit              <delete> Integer32 <delete><insert>Unsigned32<insert>,
wmanIf2mBsOfdmaHfddGroupSwitchDelay       Integer32,
wmanIf2mBsOfdmaFrameOffset                WmanIf2TcFrameOffset,
wmanIf2mBsOfdmaNumOfPowerControlBits      WmanIf2TcPwrCntlBits,
wmanIf2mBsOfdmaFddDIInterGroupGap         WmanIf2TcFddDIGrpGap,
wmanIf2mBsOfdmaFddPartitionChange         Integer32,
wmanIf2mBsOfdmaUcdConfigChangeCount       Integer32}

```

wmanIf2mBsOfdmaMsTxPowerLimit OBJECT-TYPE
SYNTAX ~~Integer32~~ Unsigned32(0 .. 255)
UNITS "dBm"
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"Specifies the maximum allowed MS transmit power. Values
indicate power levels in 1 dB steps starting from 0 dBm."
::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 61 }

GroupResolution Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/10/29

Comment # A20100

Document under Review: P80216Rev2_D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 7 Fig/Table# Subclause 13.2.4

Missing range

Suggested Remedy

wmanIf2mBsOfdmaFddPartitionChange OBJECT-TYPE

SYNTAX Integer32 <insert>(0 .. 255)<insert>

UNITS "Frames"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Indicate minimum number of frames (excluding current frame)
before next possible change."

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 66 }

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/10/29Comment # A20101Document under Review: P80216Rev2_D7Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 3 Fig/Table# Subclause 13.2.4

Change the syntax of wmanIf2mBsArqDeliverInOrder to a TEXTUAL-Convention WmanIf2TcArqDeliveInOrder.

Suggested Remedy

1. Import WmanIf2TcArqDeliveInOrder to wmanIf2mBsMib

2.

wmanIf2mBsArqDeliverInOrder OBJECT-TYPE

SYNTAX ~~<delete>~~TruthValue~~<delete>~~<insert>WmanIf2TcArqDeliveInOrder<insert>

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"Indicates whether or not data is to be delivered by the receiving MAC to its client application in the order in which data was handed off to the originating MAC."

REFERENCE

"Subclause 11.13.18.6"

::= { wmanIf2mBsArqAttributeEntry 8 }

4.

WmanIf2mBsArqAttributeEntry ::= SEQUENCE {

wmanIf2mBsArqIndex Integer32,

wmanIf2mBsArqEnable TruthValue,

wmanIf2mBsArqWindowSize Integer32,

wmanIf2mBsArqTxRetryTimeout Integer32,

wmanIf2mBsArqRxRetryTimeout Integer32,

wmanIf2mBsArqBlockLifetime Integer32,

wmanIf2mBsArqSyncLossTimeout Integer32,

wmanIf2mBsArqDeliverInOrder ~~<delete>~~TruthValue~~<delete>~~<insert>WmanIf2TcArqDeliveInOrder<insert>,

wmanIf2mBsArqRxPurgeTimeout Integer32,

wmanIf2mBsArqBlockSizeReq WmanIf2TcArqBlockSize,

wmanIf2mBsArqBlockSizeRsp Integer32,

wmanIf2mBsArqAckProcessingTime Integer32}

GroupResolutionDecision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by: Tsai Yi-Hsueh

Membership Status: Member

Date: 2008/11/03

Comment # **A20102L**

Document under Review: **P802.16REV2/D7**

Ballot ID: **sb_16Rev2a**

<u>Comment</u>	<u>Type</u> Editorial	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> ?	<u>Line</u> 29	<u>Fig/Table#</u>	<u>Subclause</u> 11.21.1
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Wrong reference table number

Suggested Remedy

| Absolute Position (Long Format) | 1 | 15 | See Table-588_609 |

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Wee Peng Goh

Membership Status: Member

Date: 2008/11/10

Comment # A20103L

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page ? Line 2 Fig/Table# Subclause 8.4.9.4.1

The standard is not clear whether sub-carrier randomization is applied on the mid-amble if it is present in the STC zone.

Suggested Remedy

The PRBS generator shall be clocked n times, $n = \text{Symbol_Offset} \bmod 32$, before the generated output is applied to the subcarriers, where the symbol offset is counted from the first symbol, **after the mid-amble (if present)**, in each zone as zero in the DL except DL AAS zone with Diversity_Map support where the symbol offset is counted from the first symbol of the first DL zone as zero and from allocation start time in the UL (i.e., the first symbol in the UL subframe is indexed 0).

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

Lack of time.

Group's Notes

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by: Wee Peng Goh

Membership Status: Member

Date: 2008/11/10

Comment # A20104L

Document under Review: P802.16Rev2/D6a

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 784 Line 6 Fig/Table# Subclause 8.4.5.3.21.1

There are 2 IEs Dedicated MIMO DL Control IE and Closed-Loop MIMO DL Enhanced IE (pg 788, section 8.4.5.3.24.) that can be used for pre-coding base CL-MIMO allocation. However, it is not clear how Matrix A or Matrix B can be specified if pre-coding base MIMO is used.

Suggested Remedy

Option 1: Always use Matrix B whenever numStreams = 2.

Option 2: Use the Matrix Indicator defined in the Zone IE (Table 328, p. 741 of Rev2/D7) whenever numStreams = 2.

Option 3: Add one bit of information in both control IEs (Tables 356 and Table 359 in p.784 and p. 789, respectively) to indicate whether Matrix A or Matrix B should be used when numStreams = 2.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

Lack of time.

Group's Notes

Agreed to resolve as "disagree". Waiting for Peiying to supply a reason.

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by: Kathiravetpillai Sivanesan

Membership Status: Member

Date: 2008/11/10

Comment # A20105L

Document under Review: IEEE802.16REV2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 756 Line 6 Fig/Table# Subclause 8.3.5.3.12

MIMO support for MBS is missing in the standard. It needs to be included

Suggested Remedy

adopt the proposed changes in the contribution IEEE C802.16maint-08/321 or later versions

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

Unclear if MIMO and non-MIMO can coexist.

Group's Notes

result of vote to call question: 9 in favor, none opposed, no abstentions

result of vote to adopt 08/329: 11 in favor, 7 opposed, 1 abstention.

Editor's Notes

Editor's Actions b) none needed

2008/08/01

IEEE 802.16-08/054r3

Comment by:

Sean McBeath

Membership Status: Member

Date: 2008/11/10

Comment # A20107L

Document under Review: P802.16Rev2/D7

Ballot ID: sb_16Rev2a

Comment Type Technical Part of Dis ☐ Satisfied ☐ Page 260 Line 16 Fig/Table# T161 Subclause 6.3.2.3.54

This comment is in response to the liaison statement from the WIMAX forum (IEEE L802.16-08/065). It clarifies several issues related to UL power control.

Suggested Remedy

Adopt contribution IEEE C802.16maint-08/345 or its latest revision.

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-08/345r2

Reason for Group's Decision/Resolution

Group's Notes

result of vote to call question on adopting 08/345r2: 12 in favor, 2 against, 1 abstention
result of vote to adopt 08/345r2: 15 in favor, 0 against, 3 abstentions

Editor's Notes

Editor's Actions a) done

Implemented changes to chapter 6. also involves changes to chapter 8