

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
4:53:44 EST

Comment # b1

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 10      Fig/Table#      Subclause 14.2.11.1

I understand that this sentence is strictly informative. In that light, the 2007 Style Manual says that: "Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

This informative sentence should be placed in a note, a footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The identified section is not informative, it is normative.

Group's Notes

Editor's Notes

Editor's Actions    b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
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Comment # b2

Document under Review: P802.16Rev2/D8

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Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 14      Fig/Table#      Subclause 14.2.11.1

I understand that this sentence is strictly informative. In that light, the 2007 Style Manual says that: "Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

This informative sentence should be placed in a note, a footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The identified section is not informative, it is normative.

Group's Notes

Editor's Notes

Editor's Actions    b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
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Comment # b3

Document under Review: P802.16Rev2/D8

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Comment      Type Editorial      Part of Dis       Satisfied       Page 958      Line 28      Fig/Table#      Subclause 8.4.6.1.1

This sentence was previously described as strictly informative because it was in parentheses. If it is still informative then the 2007 Style Manual says that:

"Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

This informative sentence should be placed in a note, a footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The text stands on its own. The Figure is identified as, and given as an example which is allowed in the Style Guide.

Group's Notes

Editor's Notes

Editor's Actions    b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
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Comment # b4

Document under Review: P802.16Rev2/D8

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Comment      Type Editorial      Part of Dis       Satisfied       Page 958      Line 33      Fig/Table#      Subclause 8.4.6.1.1

This sentence was previously described as strictly informative because it was in parentheses. If it is still informative then the 2007 Style Manual says that:

"Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

This informative sentence should be placed in a note, a footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The text stands on its own. The Figure is identified as, and given as an example which is allowed in the Style Guide.

Group's Notes

Editor's Notes

Editor's Actions    b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
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Comment # b5

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page 958      Line 38      Fig/Table#      Subclause 8.4.6.1.1

This sentence was previously described as strictly informative because it was in parentheses. If it is still informative then the 2007 Style Manual says that:

"Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

This informative sentence should be placed in a note, a footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
4:53:44 EST

Comment # b6

Document under Review: P802.16Rev2/D8

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Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 63      Fig/Table#      Subclause 8.4.10.3.2

I understand that this sentence is strictly informative. In that light, the 2007 Style Manual says that: "Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

This informative sentence should be placed in a note, a footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
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Comment # b7

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page 995      Line 49      Fig/Table#      Subclause 8.4.6.2.4

I understand that this sentence is strictly informative. In that light, the 2007 Style Manual says that: "Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

This informative sentence should be placed in a note, a footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
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Comment # b8

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Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 64      Fig/Table#      Subclause 13.1.2.3.1.3

I understand that this section is informative. In that light, the 2007 Style Manual says that:  
"Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

This informative section should be placed in a note, a footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The identified section is not informative, it is normative.

Group's Notes

Editor's Notes

Editor's Actions    b) none needed



2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
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Comment # b9

Document under Review: P802.16Rev2/D8

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Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 31      Fig/Table#      Subclause 14.2.1.2.1

I understand that this is informative text. In that light, the 2007 Style Manual says that:  
"Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

This informative sentence should be placed in a note, a footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The identified section is not informative, it is normative.

Group's Notes

Editor's Notes

Editor's Actions    b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
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Comment # b10

Document under Review: P802.16Rev2/D8

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Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 16      Fig/Table#      Subclause 14.2.1.2.2

I understand that this is informative text. In that light, the 2007 Style Manual says that:  
"Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

This informative sentence should be placed in a note, a footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The identified section is not informative, it is normative.

Group's Notes

Editor's Notes

Editor's Actions    b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
4:53:44 EST

Comment # b11

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 45      Fig/Table#      Subclause 14.2.1.2.2

The assumed behavior of the NCMS is not normative to the standard. The 2007 Style Manual says that: "Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

Either remove the text or move the text to a note, footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The identified section is not informative, it is normative.

Group's Notes

Editor's Notes

Editor's Actions    b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
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Comment # b12

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 13      Fig/Table#      Subclause 14.2.1.2.3

I understand that this is informative text. In that light, the 2007 Style Manual says that:  
"Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

This informative sentence should be placed in a note, a footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The identified section is not informative, it is normative.

Group's Notes

Editor's Notes

Editor's Actions    b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
4:53:44 EST

Comment # b13

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 32      Fig/Table#      Subclause 14.2.1.2.3

I understand that this is informative text. In that light, the 2007 Style Manual says that:  
"Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

This informative sentence should be placed in a note, a footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The identified section is not informative, it is normative.

Group's Notes

Editor's Notes

Editor's Actions    b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
4:53:44 EST

Comment # b14

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 53      Fig/Table#      Subclause 14.2.3.1.1

The behavior of the NCMS is not normative to the standard. The 2007 Style Manual says that:  
"Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

Either rewrite the text or move the text to a note, footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The identified section is not informative, it is normative.

Group's Notes

Editor's Notes

Editor's Actions    b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
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Comment # b15

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 5      Fig/Table#      Subclause 14.2.5.2.3.3

The behavior of the NCMS is not normative to the standard. The 2007 Style Manual says that:  
"Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

Either rewrite the text or move the text to a note, footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The identified section is not informative, it is normative.

Group's Notes

Editor's Notes

Editor's Actions    b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
4:53:44 EST

Comment # b16

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 2      Fig/Table#      Subclause 14.2.5.2.3.3

I understand that this is informative text. In that light, the 2007 Style Manual says that:  
"Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

This informative sentence should be placed in a note, a footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The identified section is not informative, it is normative.

Group's Notes

Editor's Notes

Editor's Actions    b) none needed



2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
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Comment # b17

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 11      Fig/Table#      Subclause 14.2.10.3.3.1

The behavior of the NCMS is not normative to the standard. The 2007 Style Manual says that:  
"Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

Either rewrite the text or move the text to a note, footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The identified section is not informative, it is normative.

Group's Notes

Editor's Notes

Editor's Actions    b) none needed



2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

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Comment # b20

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 10      Fig/Table#      Subclause 14.2.11.1

The behavior of the NCMS is not normative to the standard. The 2007 Style Manual says that:  
"Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

Either rewrite the text or move the text to a note, footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The identified section is not informative, it is normative.

Group's Notes

Editor's Notes

Editor's Actions    b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
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Comment # b21

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 14      Fig/Table#      Subclause 14.2.11.1

The behavior of the NCMS is not normative to the standard. The 2007 Style Manual says that:  
"Informative text shall be placed in notes (to text, tables, and figures), in footnotes within text, and in informative annexes. Interspersed normative and informative text is not allowed. As such, neither clauses nor subclauses shall be labeled as informative."

Suggested Remedy

Either rewrite the text or move the text to a note, footnote, or an informative annex as appropriate.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The identified section is not informative, it is normative.

Group's Notes

Editor's Notes

Editor's Actions    b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
4:53:44 EST

Comment # b22

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page 83      Line 18      Fig/Table#      Subclause 6.3.2.3.1

The Downlink Burst Profile is a TLV type that is included within the DCD Channel Encodings (see Sec. 11.4.1, Table 567). However, this sentence says that "All channel encodings (see 11.4.1) shall appear first before Downlink\_Burst\_Profile encodings". This is a contradiction. You can't have "all channel encodings" appear before Downlink\_Burst\_Profile encodings, if the latter is part of the channel encodings. My guess is that what was intended is for all other encodings to appear before the Downlink\_Burst\_Profile encodings.

Suggested Remedy

Change "All channel encodings" to "All other channel encodings"

GroupResolution

Decision of Group: Principle

All channel encodings (see 11.4.1) shall appear first before the Downlink\_Burst\_Profile encodings<insert>.</insert>

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions    a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
4:53:44 EST

Comment # b23

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 3      Fig/Table#      Subclause 11.4.1

Each entry in Table 574 is a channel encoding. The text should use the plural form 'encodings' when referring to the table.

Suggested Remedy

Change "DCD Channel Encoding" to "DCD Channel Encodings"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
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Comment # b24

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 13      Fig/Table#      Subclause 11.4.1

Each entry in Table 574 is a channel encoding. The text should use the plural form 'encodings' when referring to the table.

Suggested Remedy

Change "DCD Channel Encoding" to "DCD Channel Encodings"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
4:53:44 EST

Comment # b25

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 746      Line 32      Fig/Table#      Subclause 8.4.5.3.5

The text describing the channel number as "set to zero for licensed bands" is problematic.

In 8.5.1, it says that the channel number "provides an 8-bit unique numbering system for all channels, with 5 MHz spacing, from 5 GHz to 6 GHz. For unlicensed bands outside of the 5 GHz to 6 GHz band, the channel number is ambiguous.

Suggested Remedy

Text should be "Set to zero for bands outside the 5GHz to 6GHz band."

GroupResolution

Decision of Group: Principle

In subclauses 8.3.6.2.3 and 8.4.5.3.5, change text to

"Set to zero for bands outside the 5GHz to 6GHz band and licensed bands within the 5GHz to 6GHz band."

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions    a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
4:53:44 EST

Comment # b26

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment Type Editorial Part of Dis  Satisfied  Page 683 Line 41 Fig/Table# Subclause 8.3.6.7.2  
Typo

Suggested Remedy

Change "The UCS count" to "The UCD count"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
4:53:44 EST

Comment # b27

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment Type Editorial Part of Dis  Satisfied  Page 746 Line 10 Fig/Table# Subclause 8.4.5.3.4  
Should explain why the IE should not be used in SUB-DL-UL-MAP.

Suggested Remedy

Please state the reason for the sentence to clarify for the reader the purpose.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

no specific remedy

Group's Notes

Editor's Notes

Editor's Actions b) none needed



2009/09/30

IEEE 802.16-08/064r3

Comment by: Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
4:53:44 EST

Comment # b28

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis  Satisfied       Page 846      Line 7      Fig/Table#      Subclause 8.4.5.4.7

Should explain why the IE should not be used in SUB-DL-UL-MAP.

Suggested Remedy

Please state the reason for the sentence to clarify for the reader the purpose.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

no specific remedy

Group's Notes

Editor's Notes

Editor's Actions b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by: Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
4:53:44 EST

Comment # b29

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis  Satisfied       Page 2      Line 32      Fig/Table#      Subclause 1.3.3

Clarify the sentence.

Suggested Remedy

Change "individual assignments to operators" to "individual assignments of frequency bands to operators"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
4:53:44 EST

Comment # b30

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page 46      Line 31      Fig/Table#      Subclause 6.3.1.1

This paragraph seems to be too long.

Suggested Remedy

Create a new paragraph after the sentence ending with "between an SS and the BS." at line 36.

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

Suggested change does not add to the clarity of the document.

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
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Comment # b31

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 46      Fig/Table#      Subclause L.2

According to the Style Manual;  
"The use of the word must is deprecated and shall not be used when stating mandatory requirements".

Suggested Remedy

Change "must" to "shall"

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

No instance of 'must' at the indicated page and line number. No Subclause L.2 in the document.

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Harry Bims

Membership Status: Member

Date: 16-Dec-2008  
4:53:44 EST

Comment # b32

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page 699      Line 18      Fig/Table#      Subclause 8.2.9.2

fix typo

Suggested Remedy

Change "-40dBm" to "-40 dBm"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Roger Marks

Membership Status: Member

Date: 18-Dec-2008 13:  
0:42 EST

Comment # b33

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis  Satisfied       Page ?      Line 18      Fig/Table#      Subclause 13.1.1

The text of 13.1.1 is grammatically incorrect and ambiguous. Also, it's neither appropriate nor useful to refer to a standard that will become obsolete.

Suggested Remedy

Modify as follows, deleting text from <delete> to </delete>.

The MIB module WMAN-IF-MIB (wmanIfMib) <delete>was documented in the amendment IEEE 802.16f-2005. It</delete> is <delete>not documented here as</delete> obsolete and not compatible with this <delete>revision of the </delete> standard.

In other words, change the text to:

The MIB module WMAN-IF-MIB (wmanIfMib) is obsolete and not compatible with this standard.

GroupResolution

Decision of Group: Principle

Modify as follows, inserting text from <insert> to </insert>, and deleting text from <delete> to </delete>:

The MIB module WMAN-IF-MIB (wmanIfMib) <insert> , originally </insert> <delete>was</delete> documented in the amendment IEEE 802.16f-2005 <insert> , </insert> <delete> . It </delete> is <delete>not documented here as</delete> obsolete and not compatible with this <delete>revision of the</delete> standard.

In other words, change the text to:

The MIB module WMAN-IF-MIB (wmanIfMib), originally documented in the amendment IEEE 802.16f-2004, is obsolete and not compatible with this standard.

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Roger Marks

Membership Status: Member

Date: 18-Dec-2008  
13:11:53 EST

Comment # b34

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis  Satisfied       Page ?      Line 43      Fig/Table#      Subclause 12.6

Comment 826 from the initial ballot is still not completely resolved. Though marked "Principle", no change was made, and the issue remains.

Suggested Remedy

Replace the content ("[To be determined.]") with an actual profile, or with a reference to an explicit, publicly-available external reference. In the latter case, add the reference to Clause 2.

GroupResolution

Decision of Group: Principle

Replace 12.6 as follows:

**12.6 WirelessMAN-OFDMA TDD Release <delete>2</delete><insert>1.5 </insert>**

WiMAX Forum Mobile System Profile Release 1 v1.8.0

WiMAX Forum Mobile System Profile Release 1.5 TDD v0.2.0

Add references to Clause 2 as follows:

WiMAX Forum(R) Mobile System Profile Release 1 v1.8.0

WiMAX Forum(R) Mobile System Profile Release 1.5 TDD v0.2.0

Reason for Group's Decision/Resolution

Note: As of January 14, 2009, The working group understands that the referenced profile is available at the following URLs:

WiMAX Forum Mobile System Profile Release 1 v1.8.0 : [http://www.wimaxforum.org/webfm\\_send/7](http://www.wimaxforum.org/webfm_send/7)

WiMAX Forum Mobile System Profile Release 1.5 TDD v0.2.0 : [http://www.wimaxforum.org/webfm\\_send/6](http://www.wimaxforum.org/webfm_send/6)

Group's Notes

1/12: defer

Editor's Notes

Editor's Actions a) done

References have been corrected as follows:

**12.6 WirelessMAN-OFDMA FDD Release <delete>2</delete><insert>1.5 </insert>**

WiMAX Forum® Mobile System Profile Specification: Release 1.5 - Common Part

WiMAX Forum® Mobile System Profile Specification: Release 1.5 – TDD Specific Part

Add references to Clause 2 as follows:

WiMAX Forum® Mobile System Profile Specification: Release 1.5 - Common Part

WiMAX Forum® Mobile System Profile Specification: Release 1.5 – TDD Specific Part

The relevant URLs are:

WiMAX Forum® Mobile System Profile Specification: Release 1.5 - Common Part : [http://www.wimaxforum.org/webfm\\_send/7](http://www.wimaxforum.org/webfm_send/7)

WiMAX Forum® Mobile System Profile Specification: Release 1.5 – TDD Specific Part : [http://www.wimaxforum.org/webfm\\_send/6](http://www.wimaxforum.org/webfm_send/6)

2009/09/30

IEEE 802.16-08/064r3

Comment by: Roger Marks

Membership Status: Member

Date: 18-Dec-2008  
13:13:14 EST

Comment # b35

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis  Satisfied       Page ?      Line 47      Fig/Table#      Subclause 12.7

Comment 827 from the initial ballot is still not completely resolved. Though marked "Principle", no change was made, and the issue remains.

Suggested Remedy

Replace the content ("[To be determined.]") with an actual profile, or with a reference to an explicit, publicly-available external reference. In the latter case, add the reference to Clause 2.

GroupResolution

Decision of Group: Principle

Replace 12.7 as follows:

**12.7 WirelessMAN-OFDMA FDD Release <delete>2</delete><insert>1.5 </insert>**

WiMAX Forum Mobile System Profile Release 1 v1.8.0

WiMAX Forum Mobile System Profile Release 1.5 FDD v0.2.0

Add references to Clause 2 as follows:

WiMAX Forum(R) Mobile System Profile Release 1 v1.8.0

WiMAX Forum(R) Mobile System Profile Release 1.5 FDD v0.2.0

Reason for Group's Decision/Resolution

Note: As of January 14, 2009, The working group understands that the referenced profile is available at the following URLs:

WiMAX Forum Mobile System Profile Release 1 v1.8.0 : [http://www.wimaxforum.org/webfm\\_send/7](http://www.wimaxforum.org/webfm_send/7)

WiMAX Forum Mobile System Profile Release 1.5 FDD v0.2.0 : [http://www.wimaxforum.org/webfm\\_send/5](http://www.wimaxforum.org/webfm_send/5)

Group's Notes

1/12: Defer

As of January 14, 2009, The working group understands that the referenced profile is available at the following URLs:

WiMAX Forum Mobile System Profile v1.8.0 : [http://www.wimaxforum.org/webfm\\_send/7](http://www.wimaxforum.org/webfm_send/7)

WiMAX Forum Mobile System Profile Release 1.5 FDD v0.2.0 : [http://www.wimaxforum.org/webfm\\_send/5](http://www.wimaxforum.org/webfm_send/5)

Editor's Notes

Editor's Actions a) done

References have been corrected as follows:

## **12.7 WirelessMAN-OFDMA FDD Release ~~2~~1.5**

WiMAX Forum® Mobile System Profile Specification: Release 1.5 - Common Part

WiMAX Forum® Mobile System Profile Specification: Release 1.5 – FDD Specific Part

Add references to Clause 2 as follows:

WiMAX Forum® Mobile System Profile Specification: Release 1.5 - Common Part

WiMAX Forum® Mobile System Profile Specification: Release 1.5 – FDD Specific Part

The relevant URLs are:

WiMAX Forum® Mobile System Profile Specification: Release 1.5 - Common Part : [http://www.wimaxforum.org/webfm\\_send/7](http://www.wimaxforum.org/webfm_send/7)

WiMAX Forum® Mobile System Profile Specification: Release 1.5 – FDD Specific Part : [http://www.wimaxforum.org/webfm\\_send/5](http://www.wimaxforum.org/webfm_send/5)



2009/09/30

IEEE 802.16-08/064r3

Comment by:

Roger Marks

Membership Status: Member

Date: 18-Dec-2008  
13:51:27 EST

Comment # b36

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis  Satisfied       Page ?      Line 38      Fig/Table#      Subclause 12.5

This comment is related to Comment 825 of the initial ballot.

Clause 12.5 refer to a WiMAX Forum Mobile System Profile; the normative reference is detailed in Clause 2.

Note, however, that:

(1) IEEE Std 802.16 is included in Rec. ITU-R M.1457 (the ITU's IMT-2000 standard)

(2) M.1457 refers to a specific profile that is derived from the WiMAX Forum Mobile System Profile but differs from it slightly.

Therefore, it would be more appropriate to point to the specific profile that is in use in M.1457.

Note also that, in accordance with document IEEE L802.16-08/071r1 (as approved by the IEEE 802 Executive Committee), IEEE will be proposing that ITU-R update its reference to IEEE Std 802.16 in the next revision of M.1457 (M.1457-9), and will be proposing that ITU-R also update the documentation of the profile according to the request of the WiMAX Forum. Therefore, it would be most appropriate that IEEE Std 802.16 reference the updated profile document as prepared by the WiMAX Forum.

#### Suggested Remedy

Modify Clause 12.5, and the reference in Clause 2 to the WiMAX Forum Mobile System Profile, to reflect the title and content of the document prepared by the WiMAX Forum for reference in Rec. ITU-R M.1457-9.

#### GroupResolution

Decision of Group: Principle

Replace 12.5 as follows:

#### **12.5 WirelessMAN-OFDMA TDD Release 1<delete>.0</delete>**

This profile is specified in WiMAX Forum(R) Mobile System Profile Release 1 – IMT-2000 Edition

Update reference as follows:

#### **2 References**

WiMAX Forum <insert registration mark (R)> Mobile System Profile<delete>,</delete> Release 1<delete>.0 Approved Specification (Revision 1.4.0: 2007-04-12)</delete> – <insert>IMT-2000 Edition</insert>

<delete>[http://www.wimaxforum.org/technology/documents/wimax\\_forum\\_mobile\\_system\\_profile\\_v1\\_40.pdf](http://www.wimaxforum.org/technology/documents/wimax_forum_mobile_system_profile_v1_40.pdf)</delete>

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

Note: As of January 14, 2009, The working group understands that the referenced profile is available at the following URL:  
[http://www.wimaxforum.org/webfm\\_send/9](http://www.wimaxforum.org/webfm_send/9) .

#### Group's Notes

1/12: Deferred

As of January 14, 2009, The working group understands that the referenced profile is available at the following URL:  
[http://www.wimaxforum.org/webfm\\_send/9](http://www.wimaxforum.org/webfm_send/9) .

**Editor's Notes**

**Editor's Actions** a) done

Scott: the (R) symbol means you should insert the registration symbol (i.e., ®)

**2009/09/30**

**IEEE 802.16-08/064r3**

**Comment by:**

Phillip Barber

**Membership Status:** Member

**Date:** 18-Dec-2008  
16:15: 3 EST

**Comment #** b37

**Document under Review:** P802.16Rev2/D8

**Ballot ID:** sb\_16Rev2b

**Comment**      **Type** Technical      **Part of Dis**       **Satisfied**       **Page** 91      **Line** 8      **Fig/Table#**      **Subclause** 6.3.2.3.5

I am dissatisfied with the Editorial application of the approved remedy of my comments A86&A87.  
The Editor missed some elements of the approved remedy.

**Suggested Remedy**

On page 91, delete lines 8-15:

[begin delete]The following TLV parameter shall be included in the RNG-REQ message when the MS is attempting to perform location update due to MBS update:

MBS update Indicates the MS is currently attempting to perform location update due to a need to update service flow management encodings for MBS flows.[end delete]

On page 99, delete lines 32-35:

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. [begin 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 RNGREQ.[end delete]

**GroupResolution**

**Decision of Group:** Agree

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

**Group's Notes**

**Editor's Notes**

**Editor's Actions** a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Phillip Barber

Membership Status: Member

Date: 18-Dec-2008  
16:16:34 EST

Comment # b38

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 16      Line 26      Fig/Table#      Subclause 3.42

I am dissatisfied with the resolution of comment A20002.

Suggested Remedy

On page 16, line 26, modify as:

3.42 [begin insert]OFDMA STC [end insert]layer:

GroupResolution

Decision of Group: Principle

*[On page 16, line 26, modify as:]*

3.42 **STC layer:** OFDMA Space Time Coding information-flow fed to the STC encoder as an input. The number of STC layers in a system with vertical encoding is one, while in horizontal encoding, it depends on the number of encoding/modulation paths. This term may be used interchangeably with the word *layer* when used in the context of OFDMA STC.

*[and move to proper place to preserve alphabetical order; and renumber the list]*

Reason for Group's Decision/Resolution

Group's Notes

Duplicate of B16

Editor's Notes

Implemented B16

Editor's Actions    b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by: Phillip Barber

Membership Status: Member

Date: 18-Dec-2008  
16:17:35 EST

Comment # b39

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 19      Line 20      Fig/Table#      Subclause 3.77

I am dissatisfied with the resolution of comment A20003.

'stream' is entirely too generic a term to give the singular definition in Clause 3 of the use associated with STC coding in OFDMA. We just cannot create that single definition. It completely conflicts with the meaning of over 130 other instances of use of 'stream' in the document.

Suggested Remedy

On page 19, line 20, modify as:

3.77 [begin insert]OFDMA STC [end insert]stream:

GroupResolution

Decision of Group: Principle

*[On page 19, line 20, modify as:]*

**3.77 STC stream:** OFDMA Space Time Coding information path encoded by the STC encoder that is passed to subcarrier mapping and sent through one antenna, or passed on to the beamformer. The number of STC streams in both vertical and horizontal encoding systems is the same as the number of output paths of the STC encoder. This term may be used interchangeably with the word *stream* when used in the context of OFDMA STC

*[and move to proper place to preserve alphabetical order; and renumber the list]*

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Phillip Barber

Membership Status: Member

Date: 18-Dec-2008  
16:18:29 EST

Comment # **b40**

Document under Review: **P802.16Rev2/D8**

Ballot ID: **sb\_16Rev2b**

Comment      Type Technical      Part of Dis       Satisfied       Page 16      Line 26      Fig/Table#      Subclause 3.42

I am dissatisfied with the resolution of comment A20002.

'layer' is entirely too generic a term to give the singular definition in Clause 3 of the use associated with STC coding in OFDMA. We just cannot create that single definition. It completely conflicts with the meaning of over 440 other instances of use of 'layer' in the document.

Suggested Remedy

On page 16, line 26, modify as:

3.42 [begin insert]OFDMA STC [end insert]layer:

GroupResolution

Decision of Group: Principle

*[On page 16, line 26, modify as:]*

3.42 **STC layer:** OFDMA Space Time Coding information-flow fed to the STC encoder as an input. The number of STC layers in a system with vertical encoding is one, while in horizontal encoding, it depends on the number of encoding/modulation paths. This term may be used interchangeably with the word *layer* when used in the context of OFDMA STC.

*[and move to proper place to preserve alphabetical order; and renumber the list]*

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Phillip Barber

Membership Status: Member

Date: 18-Dec-2008  
16:21: 8 EST

Comment # b41

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis  Satisfied       Page 496      Line 51      Fig/Table#      Subclause 6.3.27

The new section '6.3.27 Emergency Service' has numerous grammatical errors.

Suggested Remedy

Correct the grammar in the section.

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-09/0003r2

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Phillip Barber

Membership Status: Member

Date: 18-Dec-2008  
16:30:35 EST

Comment # b42

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis  Satisfied       Page 21      Line 1      Fig/Table#      Subclause 4

The acronym MCID occurs over 60 times in the document, yet we have no identification of what the acronym stands for, nor a definition. Add MCID to the list of acronyms in Clause 4

Suggested Remedy

Insert the following acronym entry into Clause 4:  
[begin insert]MCID multicast CID (see Table 557)[end insert]

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Phillip Barber

Membership Status: Member

Date: 18-Dec-2008  
16:34:58 EST

Comment # b43

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 65      Line 32      Fig/Table#      Subclause 6.3.2.1.2.2.1

In Table 17, in the description of Feedback Header with type 1101, it is stated that "The 2 bit differential CQI denotes +2, +1, -1, -2 dB". However, in page 859 (Lines 16~23), it is specified that "Mapping of the 2 bit differential CINR is as follows:

00: -3 dB;

01: -1dB

10: +1 dB

11: +3 dB"

They contradict with each other.

Filed on behalf of Peretz Feder.

Suggested Remedy

Select one out of the following two options.

Option-1: In page 65, Lines 65~66, change the step from "+2, +1, -1, -2" to "+3, +1, -1, -3"

Option-2: In page 859, Lines 16~23, change the step from "+3, +1, -1, -3" to "+2, +1, -1, -2"

GroupResolution

Decision of Group: Disagree

Reason for Group's Decision/Resolution

The 2 bit differential CINR in Table 17 is for the feedback mechanism based on Feedback header type 1101. The 2 bit differential CQI in page 859 is for the 18 bit CQICH design. Thus, there is no confusion.

Group's Notes

Editor's Notes

Editor's Actions    b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Phillip Barber

Membership Status: Member

Date: 18-Dec-2008  
16:36:41 EST

Comment # b44

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 26      Fig/Table#      Subclause 8.4.8.3.1.2.1

Two different data mappings are specified for Matrix A with AMC permutation. One is given in Figure 274, specific to resource allocation of one sub-channel. The other is given in Figure 275, specific to resource allocation of two sub-channels. It is not clear which mapping will be used for implementation. Additionally, it leads to ambiguity when the allocated resource contains e.g. three sub-channels.  
Filed on behalf of Peretz Feder.

Suggested Remedy

Since the minimum allocation unit is one sub-channel in the frequency domain, it is recommended to remain the data mapping specified in Figure 274, and change the data mapping in Figure 275 to match the mapping in Figure 274 (or remove Figure 275 and related statement for simplicity).

GroupResolution

Decision of Group: Principle

Adopt contribution C802.16maint-08/357

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done



2009/09/30

IEEE 802.16-08/064r3

Comment by: Phillip Barber

Membership Status: Member

Date: 18-Dec-2008  
16:37:39 EST

Comment # b45

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 31      Fig/Table#      Subclause 11.8.3.5.8

In many places such as 6.3.17, 11.11, and 11.12, physical CINR can be measured from midamble. Additionally, TWG decided to support the Release 1.5 feature as IO-3 and IOMS-3 in FDD: "MIMO AMC Triggering: Triggering MIMO AMC operation using REP-RSP based on CINR measurement on Midamble"  
But the CINR measurement capability on midamble is not addressed at all in 11.8.3.5.8.  
Filed on behalf of Peretz Feder.

Suggested Remedy

Increase the length of TLV 160 from 1 byte to 2 bytes, and  
Bit 8: Physical CINR measurement from the midamble  
Bit 9: Effective CINR measurement from the midamble  
Bit 10~15: Reserved

GroupResolution

Decision of Group: Disagree

Adopt C802.16maint-09/0013r1

Reason for Group's Decision/Resolution

Effective CINR for midamble is not specified in the standard.

Group's Notes

1/13 defer  
Result of the vote to call question: 3 in favor, 1 opposed  
Result of vote to adopt C802.16maint-09/0013r1: 1 in favor, 2 opposed, 2 abstentions

Editor's Notes

Editor's Actions b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Phillip Barber

Membership Status: Member

Date: 18-Dec-2008  
16:39:27 EST

Comment # b46

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 38      Fig/Table#      Subclause 11.8.3.5.12

TWG decided to support the Release 1.5 feature of 2Tx sounding in TDD as IO-4 and IOMS-4. However, the multi-antenna sounding capability is not addressed at all in 11.8.3.5.12.

File on behalf of Peretz Feder.

Suggested Remedy

Modify TLV 174 as follows:

[begin delete]Bits 11~15: Reserved[end delete]

[begin insert]Bit 11 : Multi-antenna sounding capability (MS sounds all the transmit antennas)

Bit 12 : Multi-antenna sounding capability (MS alternates the transmit antennas for sounding)

Bits 13~15: Reserved[end insert]

GroupResolution

Decision of Group: Out of Scope

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions    b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Phillip Barber

Membership Status: Member

Date: 18-Dec-2008  
16:40:50 EST

Comment # b47

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 263      Line 64      Fig/Table#      Subclause 6.3.2.3.55

Maximum length value "735" stated here conflicts with the value "991" given in table 162, page 257, line 64. If the reason is to avoid the stuffing byte bit sequence 0xff, then value 991 is correct (111 11110 11111 => first byte is 0xfe, len=1111011111b=991).  
Filed on behalf of Mark Doll.

Suggested Remedy

change "735" to "991"

GroupResolution

Decision of Group: Principle

On line 63 of page 263, change "735" to "991"

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Phillip Barber

Membership Status: Member

Date: 18-Dec-2008  
16:42:14 EST

Comment # b48

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 763      Line 7      Fig/Table#      Subclause 8.4.5.3.17

Text assumes fixed number of 60 subchannels (FFT size 2048).  
Filed on behalf of Mark Doll.

Suggested Remedy

Adopt text from section 8.4.4.4 "DL frame prefix" by changing lines 7-13 of page 343

From:

"Used subchannels6Used subchannels at other BS

Bit #0: 0-11

Bit #1: 12-19

Bit #2: 20-31

Bit #3: 32-39

Bit #4: 40-51

Bit #5: 52-59"

To:

"Used subchannels6Used subchannels at other BS

Bit #0: Subchannel group 0

Bit #1: Subchannel group 1

Bit #2: Subchannel group 2

GroupResolution

Decision of Group: Principle

Adopt text from section 8.4.4.4 "DL frame prefix" by changing lines 7-13 of table 343

From:

"Used subchannels6Used subchannels at other BS

Bit #0: 0-11

Bit #1: 12-19

Bit #2: 20-31

Bit #3: 32-39

Bit #4: 40-51

Bit #5: 52-59"

To:

"Used subchannel groups      6

Used subchannel groups at other BS

Bit #0: Subchannel group 0

Bit #1: Subchannel group 1

Bit #2: Subchannel group 2  
Bit #3: Subchannel group 3  
Bit #4: Subchannel group 4  
Bit #5: Subchannel group 5

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

**Group's Notes**

**Editor's Notes**

**Editor's Actions** a) done

Comment by:

Phillip Barber

Membership Status: MemberDate: 18-Dec-2008  
16:43:14 ESTComment # **b49**Document under Review: **P802.16Rev2/D8**Ballot ID: **sb\_16Rev2b**

Comment      Type Technical    Part of Dis     Satisfied     Page 763    Line 26    Fig/Table#    Subclause 8.4.5.3.17

- wrong size of subchannel offset field (AMC 2x3 and 1x6 have 96 and 192 subchannels per symbol and therefore need more than 6 bit)  
 - number of subchannels field completely missing  
 Filed on behalf of Mark Doll.

Suggested Remedy

Adopt the burst description fields from table 344 of the following section by changing page 763, lines 26-30 (the 3 table entries after "if(Permutation == 0b11 and (AMC type is 2x3 or 1x6)) {"

"Subchannel offset6

Boosting3Refer to Table 318

No. OFDMA Symbols7"

to

"Subchannel offset8

Boosting3Refer to Table 318

No. OFDMA Symbols5

No. subchannels6"

GroupResolutionDecision of Group: Principle

Adopt the burst description fields from table 344 of the following section by changing page 763, lines 26-30 (the 3 table entries after "if(Permutation == 0b11 and (AMC type is 2x3 or 1x6)) {"

Subchannel offset	6	
Boosting	3	Refer to Table 318
No. OFDMA Symbols	7	

to

Subchannel offset	8	
Boosting	3	Refer to Table 318
No. OFDMA Symbols	5	
No. subchannels	6	

Reason for Group's Decision/ResolutionGroup's Notes

Editor's Notes

Editor's Actions a) done

**2009/09/30**

**IEEE 802.16-08/064r3**

Comment by:

Phillip Barber

Membership Status: Member

Date: 18-Dec-2008  
16:44:29 EST

Comment # **b50**

Document under Review: **P802.16Rev2/D8**

Ballot ID: **sb\_16Rev2b**

Comment      Type Editorial      Part of Dis       Satisfied       Page 764      Line 47      Fig/Table#      Subclause 8.4.5.3.18

missing "and" (there are three AMC types 3x2, 2x3, 1x6, but the following fields are used only for the latter two)  
Filed on behalf of Mark Doll.

Suggested Remedy

change  
"if(Permutation == 0b11 (AMC type is 2x3 or 1x6)) {"  
to  
"if(Permutation == 0b11 and (AMC type is 2x3 or 1x6)) {"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Phillip Barber

Membership Status: Member

Date: 18-Dec-2008  
16:45:25 EST

Comment # b51

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page 957      Line 59      Fig/Table#      Subclause 8.4.6.1.2.2

copy & paste error from table 446/447 to table 448: there is no equation in that table.  
Filed on behalf of Mark Doll.

Suggested Remedy

from lines 59-60 and from lines 63-64, remove text:  
"DC subcarrier shall be included when the pilot subcarrier index is calculated by the equation."

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: 18-Dec-2008  
16:46:20 EST

Comment # b52

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page 958      Line 27      Fig/Table#      Subclause 8.4.6.1.2.2

Figure 247 is broken:

- numbers the 11th arrow 12 (so there is one arrow missing between 0 and 12)
- shows subcarrier 9 as data subcarrier, but this is a pilot accoring to table 445
- shows subcarrier 1701 as pilot, but that subcarrier is no pilot according to tables 445-448
- shows subcarriers 39 as pilot, but that subcarrier is only a pilot for FFT size 128 according to table 448
- in the legend, the arrow of the pilot subcarrier is too short. It has the length used for data subcarriers instead of that of the pilot subcarriers

Filed on behalf of Mark Doll.

Suggested Remedy

In figure 247:

i) Add(!) a long arrow at position 9 with text "9", remove text "39", the long arrow it marked and one short arrow before it, remove text "1701" and change the long arrow it marked to a short one, so that the displayed data/pilot subcarrier sequence (X=pilot, +=data)

X+++++++X+++++++X+++++++X++X . . . +X+++++++X+  
 0 12 24 36 39 1692 1701

becomes  
 X+++++++X++X+++++++X+++++++X+ . . . +X+++++++  
 0 9 12 24 36 1692

ii) Increase the length of the pilot arrow in the legend in lines 36-38 to match the length of the pilot arrows in lines 26-29.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Phillip Barber

Membership Status: Member

Date: 18-Dec-2008  
16:47:18 EST

Comment # b53

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page 724      Line 43      Fig/Table#      Subclause 8.4.4.5

Last column with logical subchannel number needs to be fixed:

i) omitted number SC 7

ii) ellipsis makes no sense between a subchannel number and "none"

Filed on behalf of Mark Doll.

**Suggested Remedy**

In figure 233, replace SC 8 & 9 with SC 7 & 8, insert a line with SC 18/none and make all

"None" lowercase to be consistent with the preceding figure 229, so

in line 43 change "None" to "none", and

in lines 55-62 change

```
| +-----+  
v | | SC 17 SC 6
```

```
+-----+
```

```
* *
```

```
* *
```

```
* *
```

```
+-----+  
| | SC 25 None
```

```
+-----+
```

```
^ | | SC 26 SC 8
```

```
| +-----+
```

```
v | | SC 27 SC 9
```

```
+-----+
```

to

```
| +-----+
```

```
v | | SC 17 SC 6
```

```
+-----+
```

```
| | SC 18 none
```

```
+-----+
```

```
* *
```

```
* *
```

```
* *
```

```
+-----+
```

```
| | SC 25 none
```

```

+-----+
^ | | SC 26 SC 7
| +-----+
v | | SC 27 SC 8
+-----+

```

**GroupResolution**

**Decision of Group: Principle**

In figure 230, replace SC 8 & 9 with SC 7 & 8, insert a line with SC 18/none and make all "None" lowercase to be consistent with the preceding figure 229, so in line 43 change "None" to "none", and in lines 55-62 change

```

| +-----+
v | | SC 17 SC 6
+-----+
  * *
  * *
  * *
+-----+
  | | SC 25 None
+-----+
^ | | SC 26 SC 8
| +-----+
v | | SC 27 SC 9
+-----+

```

to

```

| +-----+
v | | SC 17 SC 6
+-----+
  | | SC 18 none
+-----+
  | | SC 19 none
+-----+
  | | SC 20 none
+-----+
  | | SC 21 none
+-----+
  | | SC 22 none

```

+-----+		
	SC 23	none
+-----+		
	SC 24	none

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

**Group's Notes**

**Editor's Notes**

**Editor's Actions** a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Roger Marks

Membership Status: Member

Date: 18-Dec-2008 18:3:28 EST

Comment # b54

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis  Satisfied       Page ?      Line 17      Fig/Table#      Subclause 11.21.5

The text says that, under a specific condition, "the MS shall assume that the BS transmit frequency accuracy is within the limits set by the profile, see subclause 12." This has some problems:

(a) Bad grammar, with two sentences joined as one.

(b) Clause 12 is a Clause, not a subclause.

(c) The meaning of this is not clear. Which is "the profile"? The specific applicable profile is not defined, in general. Also, it seems that "Frequency Accuracy" is specified for only the profiles in 12.1.2 ("WirelessMAN-SC PHY Profiles").

Suggested Remedy

Delete the two conjoined sentences reading "For value 0xFF, the MS shall assume that the BS transmit frequency accuracy is within the limits set by the profile, see subclause 12."

GroupResolution

Decision of Group: Principle

In section 11.21.5, change the last sentence in the "Value" column as indicated:

<delete>For value 0xFF, the MS shall assume that the BS transmit frequency accuracy is within the limits set by the profile, see subclause 12.</delete>

<insert>The BS shall send the value 0xFF to indicate that it does not specify transmit frequency accuracy for location-based service.</insert>

Reason for Group's Decision/Resolution

Group's Notes

1/12: deferred.

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Roger Marks

Membership Status: Member

Date: 18-Dec-2008  
16:12: 4 EST

Comment # b55

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis  Satisfied       Page iv      Line 20      Fig/Table#      Subclause Introduction

The end of the Introduction ("This revision supercedes and makes obsolete IEEE Std 802.16-2004 and all of its subsequent amendments and corrigenda") should be clarified so that it remains valid even after additional amendments are approved. This can be done by limiting the sentence to the amendments and corrigenda mentioned in the prior sentence.

Suggested Remedy

Change the last sentence of the Introduction to "This revision supercedes and makes obsolete IEEE Std 802.16-2004 as well as IEEE 802.16e-2005, IEEE 802.16-2004/Cor1-2005, IEEE 802.16f-2005, and IEEE 802.16g-2007."

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Yeongmoon Son

Membership Status: Member

Date: 2008/12/19

Comment # B30001

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 132      Line 63      Fig/Table#      Subclause 6.3.2.3.23

The Extended capability TLV in SBC-REQ/RSP messages specifies extended capability for ARQ and BS\_Controlled\_HO. But they are not really necessary to be negotiated during SBC and they should be moved to REG-REQ/RSP messages. Generally PKM related parameters and PHY related ones should be negotiated using SBC-REQ/RSP message.

By moving this TLV to REG-REQ/RSP, we can reduce the message size of SBC-REQ/RSP which is transmitted on the Basic CID. As you know, management messages transmitted on the Basic CID shall be neither fragmented nor packed.

Moreover, Group DSx supported TLV in REG-REQ/RSP messages has only a single bit indication. So combining the Group DSx capability into a bit indication in the disjointed 'Extended capability' TLV is helpful to reduce the message overhead of REG-REQ/RSP messages.

Suggested Remedy

***[Discuss and Accept C80216maint-09/0001]***

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

1/12: defer

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Ken Loa

Membership Status:

Nonmember

Date: 2008/12/16

Comment # B30002

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 360      Line 17      Fig/Table# Fig      Subclause 6.3.10.3.2

In Figure 100 of P802.16REV2/D8, 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 100 of P802.16REV2/D8 is unable to implement. In addition, Figure 101 is a subset of Figure 100. This contribution proposes the revise the flow charts about handling periodic ranging at the BS (Figure 100 and Figure 101).

Suggested Remedy

Adopt contribution C80216maint-08\_319r8

GroupResolution

Decision of Group: Principle

Adopt contribution C802.16maint-08/319r12

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done



2009/09/30

IEEE 802.16-08/064r3

Comment by:

Sean McBeath

Membership Status: Member

Date: 2008/12/15

Comment # B30003

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 440      Line 19      Fig/Table#      Subclause 6.3.20.5.2

The text refers to timer T4 in Figure 95 which does not exist.

Suggested Remedy

Change T4 to T3.

GroupResolution

Decision of Group: Principle

In P802.16REV2/D8, page 440, line 19, modify the sentence as:

'Upon expiration of MS Timer T4 shown in Figure [begin delete]95[end delete][begin insert]102[end insert], MS may perform CDMA-based periodic ranging according to method described in 6.3.10.3.2.'

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Li Wang

Membership Status:

Nonmember

Date: 2008/12/18Comment # B30004Document under Review: P802.16Rev2/D8Ballot ID: sb\_16Rev2bCommentType TechnicalPart of Dis Satisfied Page 482LineFig/Table#Subclause

Page 482, 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

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\_272r4 or later version.

GroupResolutionDecision of Group: Disagree

adopt C802.16maint-08/272r6

Reason for Group's Decision/Resolution

If MS-ENTER-IDLE-Timer Retries is exhausted, What should the MS do? There is the same problem too. That is just recursive solution for the problem.

Moreover, No reception of DREG-CMD is corner case since BS allocates UL burst with appropriate MCS level for UL transmission. based on CQI report

Group's Notes

1/12: defer

Result of vote to adopt C802.16maint-08/272r6: 4 in favor, 4 opposed, 1 abstention

Editor's NotesEditor's Actions

b) none needed

Comment by: Yeongmoon SonMembership Status: MemberDate: 2008/12/19Comment # B30005Document under Review: P802.16Rev2/D8Ballot ID: sb\_16Rev2bComment      Type Editorial      Part of Dis       Satisfied       Page 489      Line 20      Fig/Table#      Subclause 6.3.23.9

There is an error regarding the bit number in HO Process Optimization TLV used for "post-HO re-entry MS DL data pending target BS" in section 6.3.23.9. Bit #9 of the HO Process Optimization TLV is assigned for "post-HO re-entry MS DL data pending at target BS" indication.

Suggested Remedy

*(underline in blue: text added, strikeout in red: text removed, (omitted): some paragraphs omitted)*  
*[Modify the paragraph in section 6.3.23.9 (page 489, line 18) as follows]*

**6.3.23.9 Network reentry from idle mode**

(omitted)

During network reentry, the target BS may notify the MS, through the Bit #79 MS DL data pending element of the HO Process Optimization TLV item in RNG-RSP, of post- network reentry MS DL data pending. Upon MS successful reentry at target BS, now new serving BS, and new serving BS completing reception of any network reentry pending MS DL data retained and forwarded, MS may reestablish IP connectivity and the new serving BS may send a message over the backbone network to request the old serving BS or other network entity to stop forwarding pre-HO pending MS DL data.

GroupResolutionDecision of Group: AgreeReason for Group's Decision/ResolutionGroup's NotesEditor's NotesEditor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Sean McBeath

Membership Status: Member

Date: 2008/12/15

Comment # B30006

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page 495      Line 50      Fig/Table#      Subclause 6.3.26.4.7.1

Reference to section 8.4.5.3.28 should be 8.4.5.3.29

Suggested Remedy

Change section 8.4.5.3.28 to 8.4.5.3.29

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Comment by:

Sean McBeath

Membership Status: MemberDate: 2008/12/15Comment # B30007Document under Review: P802.16Rev2/D8Ballot ID: sb\_16Rev2bComment      Type Editorial      Part of Dis  Satisfied       Page 712      Line 42      Fig/Table#      Subclause 8.4.4.2

"shows" should be "show" in two places

Suggested Remedy

Figure 222 and Figure 223 show the frame structure of an OFDMA FDD system that supports the concurrent operation of H-FDD and FDD SSs. The DL frame contains two subframes. DL Subframe 1 comprises a preamble symbol, a MAP region (MAP1) and data symbols (DL1). DL Subframe 2 comprises a MAP region (MAP2) and data symbols (DL2).

The space between the two DL subframes is occupied by a gap DLGap (see Figure 222), the size of which shall be an integer number of symbols (0, 1, 2, 3). Optionally, as shown in Figure 223, this gap may also include the residual frame time, DLresidue (the frame duration minus the total time occupied by the frame symbols). The number of symbols in DLGap and the location of DLresidue shall be signaled in the DCD, in both DL subframes, using the "FDD DL gap" TLV (see section 11.4.1 Table 574). The BS shall not change the location and value of DLresidue during operation.

The UL frame contains two subframes, UL2 and UL1 (in this order). Figure 222 and Figure 223 show the timing relationship of the UL subframes relative to the DL subframes. The four parameters TTG1, TTG2, RTG1 and RTG2 are announced in the DCD messages (see Table 574) and they shall be sufficiently large to accommodate the H-FDD SSs transmit receive switching time plus the round trip propagation delay.

GroupResolutionDecision of Group: AgreeReason for Group's Decision/ResolutionGroup's NotesEditor's NotesEditor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Sean McBeath

Membership Status: Member

Date: 2008/12/15

Comment # B30008

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial

Part of Dis  Satisfied

Page 713      Line 6

Fig/Table#

Subclause 8.4.4.2

Editorial corrections

Suggested Remedy

The MAP regions - MAP1 and MAP2 - are independent and include FCH, DL-MAP and UL-MAP, the definitions of which are provided in 8.4.4.4, 8.4.5.3 and 8.4.5.4 respectively.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Sean McBeath

Membership Status: Member

Date: 2008/12/15

Comment # B30009

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical

Part of Dis  Satisfied

Page 714      Line

Fig/Table# F224

Subclause 8.4.4.2

In Figure 224, it is not clear why the sets of arrows in frame n and frame n+2 are not the complete set of arrows.

Suggested Remedy

Add the maximum relevance time arrows to frame n and remove the arrows originating in frame n+2.

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-09/0009r1

Reason for Group's Decision/Resolution

Group's Notes

1/12: defer.

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Sean McBeath

Membership Status: Member

Date: 2008/12/15

Comment # B30010

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 715      Line      Fig/Table# F225      Subclause 8.4.4.2

In Figure 225, it is not clear why the sets of arrows in frame n+1 and frame n+2 are not the complete set of arrows.

Suggested Remedy

Remove the arrows originating in frame n+1 and n+2.

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-09/0009r1

Reason for Group's Decision/Resolution

Group's Notes

1/12: defer.

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Sean McBeath

Membership Status: Member

Date: 2008/12/15

Comment # B30011

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 715      Line 48      Fig/Table#      Subclause 8.4.4.2.1

The following paragraph contains a sentence fragment and is confusing.

Suggested Remedy

The BS may request the MS to explicitly acknowledge a group switch instruction, in which case the BS shall assign a one-time MAP ACK channel. ~~When either the DL HARQ Chase Subburst IE or the DL HARQ IR CTC Subburst IE, the DL HARQ IR CC Subburst IE or the sub-burst IEs of the Persistent HARQ DL MAP IE is used for signaling a group switch.~~ For items b, c and d, the one-time CQICH channel shall be allocated via setting the LSB #0 of the Dedicated DL Control Indicator to 1 and using the Allocation Index field to indicate the location.

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 McBeath

Membership Status: MemberDate: 2008/12/15Comment # B30012Document under Review: P802.16Rev2/D8Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 715      Line 60      Fig/Table#      Subclause 8.4.4.2.1

The following sentence should be moved to make the operation more clear.

The MS should initiate an uplink communication with the BS to confirm the success of group switch operation.

Suggested Remedy

When the H-FDD Group Switch IE is used for signaling a group switch, a one-time CQICH channel may be assigned in that IE (see 8.4.5.3.28). In case the BS includes a one-time CQICH allocation in the IE that contains the group switch instruction, the MS shall acknowledge reception of the instruction - with a MAP ACK command, as described in section 8.4.11.16 - in the assigned CQICH channel. ~~The MS should initiate an uplink communication with the BS to confirm the success of group switch operation.~~

If the group switch completion time TLV is included in the UCD message and the MS cannot join the new group within the group switch completion time as broadcasted in the TLV, the MS shall go to Group 1 and initiate an uplink communication with the BS. The BS shall interpret such communication as an indication from the MS that it failed to execute the group switch instruction.

After the MS receives a group switch instruction in frame n, the MS shall switch to the new group and decode the downlink subframe in frame n+H-FDD\_Group\_Switch\_Delay+m, where m denotes the current group number (1 or 2) and H-FDD\_Group\_Switch\_Delay is specified in the UCD (H-FDD Group Switch Delay). The MS may ignore the downlink subframe of the current group in frame n+HFDD\_Group\_Switch\_Delay+1 (the subframe immediately preceding the transition). See Figure 226. [After switching groups, the MS should initiate an uplink communication with the BS to confirm the success of group switch operation.](#)

GroupResolutionDecision of Group: AgreeReason for Group's Decision/ResolutionGroup's NotesEditor's NotesEditor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Jerry Chow

Membership Status: Nonmember

Date: 2008/12/18

Comment # B30013

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 756      Line      Fig/Table#      Subclause 8.4.5.3.12

Earlier changes for MBS support in 802.16 Rev2 introduced the support for non-macro-diversity operation within an MBS zone but did not introduce the necessary protocol changes in MBS\_MAP\_IE in order to properly support it.

Suggested Remedy

Adopt proposed text changes and additions as identified in contribution C802.16maint-08/356 or its later revision.

GroupResolution

Decision of Group: Principle

Adopt contribution C802.16maint-08/356r3.

Reason for Group's Decision/Resolution

Group's Notes

1/13: defer

Editor's Notes

Editor's Actions a) done

Requires changes to sections 6 and 11

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Li Wang

Membership Status:

Nonmember

Date: 2008/12/18

Comment # B30014

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment

Type Technical

Part of Dis

Satisfied

Page 799

Line

Fig/Table#

Subclause

Page 799, Section 8.4.5.3.29 and section 8.4.5.4.28

In the current standard IEEE 802.16 Rev2 D8, 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.

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

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 366-372 in the section 8.3.5.3.29 and the table 418-424 in the section 8.3.5.4.28. Please adopt C80216maint-08\_307r5 or later version.

GroupResolution

Decision of Group: Disagree

Adopt C802.16maint-08/307r7.

Reason for Group's Decision/Resolution

PA IE field optimization, for IR-CTC SPID shall be considered '0' as well when ACK\_disable=1, further modification/clarification needed

Group's Notes

1/13 defer

Result of vote to adopt C802.16maint-08/307r7: 3 in favor, 5 against, 3 abstentions.

Editor's Notes

Editor's Actions

b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Li Wang

Membership Status:

Nonmember

Date: 2008/12/18

Comment # B30015

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

<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>802</u>	<u>Line</u>	<u>Fig/Table#</u>	<u>Subclause</u>
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In current P80216Rev2\_D8, there have redundant IE format design on resource de-allocation of persistent allocation, for example, Persistent DL HARQ Chase Subburst IE format in Page 802, Persistent DL HARQ IR CTC Subburst IE format in Page 808, Persistent DL HARQ IR CC Subburst IE format in Page 811, etc.

Details of relevant suggestions can be got in contribution C80216maint-08\_320r2 or later version.

Suggested Remedy

Details of relevant suggestions can be got in contribution C80216maint-08\_320r2 or later version.

GroupResolution

Decision of Group: Disagree

Adopt C80216maint-08/320r3

Reason for Group's Decision/Resolution

RCID\_IE required to explicitly indicate the corresponding MS (otherwise could be prone to error), proposal just increasing complexity without any outstanding gain.

Group's Notes

1/13 defer

Result of vote to adopt C80216maint-08/320r3: 3 in favor, 4 opposed, 2 abstentions

Editor's Notes

Editor's Actions

b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Li Wang

Membership Status:

Nonmember

Date: 2008/12/18

Comment # B30016

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 832      Line      Fig/Table# 372      Subclause 8.4.5.3.29

Page 913, table 424 in the section 8.3.5.4.28

Page 832, table 372 in the section 8.4.5.3.29

ACID is not filled in the Persistent MIMO UL STC HARQ Subburst IE in the table 424. But ACID shall be included for FDD SS. Table 372 has the same problem.

Suggested Remedy

Remove the if statement "If (ACK disable == 0) " for ACID in the table 424 and table 372.

GroupResolution

Decision of Group: Principle

Remove the if statement "If (ACK disable == 0) " for ACID in the table 424 and table 372 and remove the corresponding closing brace.

Reason for Group's Decision/Resolution

Group's Notes

1/13 deferred

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Wee Peng Goh

Membership Status: Member

Date: 2008/12/16

Comment # B30017

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 2      Fig/Table#      Subclause 8.4.8.5

The current text " The index of the subcarrier starts from the first one after the left guard band. DC subcarrier is also included in the numbering but nulled prior to transmission." need further clarification.

It does not make sense to null the DC carrier after assigning it as part of the midamble sequence.

Suggested Remedy

Modify sentence starting on page 1027, line 2, as follows:

The index of the subcarrier starts from the first one after the left guard band. DC subcarrier is <insert> not included</insert><delete>~~also included in the numbering but nulled prior to transmission.~~</delete>

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-09/0002r5

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Wee Peng Goh

Membership Status: Member

Date: 2008/12/16

Comment # B30018

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 40      Fig/Table#      Subclause 8.4.9.4.1

I am not satisfied with the resolution of comment A20103L. The standard is not clear whether sub-carrier randomization is applied on the mid-amble if it is present in the STC zone. Although it is clear that the PRBS generator symbol offset is counted from the first symbol including the mid-amble, mid-amble randomization is done using a different mechanism described in section 8.4.8.5.

Suggested Remedy

Insert a new sentence on page 1075, line 40, as follows:

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 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). <Insert> The PRBS generator output should not be applied to the subcarriers of the mid-amble (if present). </insert>

GroupResolution

Decision of Group: Principle

Insert a new sentence on page 1075, line 40, as follows:

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 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). <Insert> The PRBS generator output shall not be applied to the subcarriers of the mid-amble (if present). </insert>

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Also moved Figure 293 to its correct location

Comment by: Wee Peng Goh

Membership Status: Member

Date: 2008/12/16

Comment # B30019

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 23      Fig/Table#      Subclause 8.4.10.3.1

In section 8.4.10.3.1, page 1085, line 23:

"The current transmitted power and the maximum power parameters are reported in dBm. The parameters are quantized in 0.5 dBm steps ranging from -64 dBm (encoded 0x00) to 63.5 dBm (encoded 0xFF)."

However, in section 11.1.1, page 1166, line 49:

"This parameter indicates the transmitted power used for the burst that carried the message. The parameter is reported in dBm and is quantized in 0.5 dBm steps ranging from -84 dBm (encoded 0x00) to 43.5 dBm (encoded 0xFF)."

and in section 11.8.3.2, page 1236 and line 32:

"The maximum available power for BPSK, QPSK, 16-QAM, and 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)."

It appears that section 8.4.10.3.1 should be consistent with section 11.1.1 and section 11.8.3.2

#### Suggested Remedy

Modify paragraph starting on page 1085, line 23, as follows:

The current transmitted power is the power of the burst that carries the message. The maximum available power is reported for QPSK QAM-16 and QAM-64 constellations. The current transmitted power and the maximum power parameters are reported in dBm. The parameters are quantized in 0.5 dBm steps ranging from -64 dBm (encoded 0x00) to 63.5 dBm (encoded 0xFF)<insert> for maximum available power and -84 dBm (encoded 0x00) to 43.5 dBm (encoded 0xFF) for current transmitted power as defined in section 11.8.3.2 and section 11.1.1 respectively</insert>. Values outside this range shall be assigned the closest extreme. SSS that do not support QAM64 shall report the value of 0x00 in the maximum QAM-64 power field.

GroupResolution

Decision of Group: Agree



Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

**2009/09/30**

**IEEE 802.16-08/064r3**

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/12/18

Comment # **B30020**

Document under Review: **P802.16Rev2/D8**

Ballot ID: **sb\_16Rev2b**

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 22      Fig/Table#      Subclause 11.7.8.10

There is no description on H-FDD sleep capabilities TLV and how Bit #1 should be used.

Suggested Remedy

11.7.8.10 H-FDD sleep capabilities

<insert>H-FDD sleep capabilities TLV indicates if sleep mode is supported in HFDD mode. For each bit, a value of 0 indicates “not supported” while 1 indicates “supported”.<insert>

GroupResolution

Decision of Group: **Agree**

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Joey Chou

Membership Status: Member

Date: 2008/12/18

Comment # B30021

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 41      Fig/Table#      Subclause 11.15.3

Additional Action Time TLV is missing the unit.

Suggested Remedy

Change as the following:

Length

```
variable;  
N_Recommended <insert>x1<insert>
```

Value

```
for (i = 0, i < N_recommended, i++) {  
    Action time <delete>(1 byte)<delete>  
}  
<insert>Action time: 0 .. 255 (unit = 100ms)<insert>
```

GroupResolution

Decision of Group: Principle

Change as the following:

Length

```
variable;  
N_Recommended x 8 bits
```

Value

Compound action time values for N\_Recommended target base stations in the same sequence as presented in the message.  
Unit = frames.

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

**2009/09/30**

**IEEE 802.16-08/064r3**

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/12/18

Comment # **B30022**

Document under Review: **P802.16Rev2/D8**

Ballot ID: **sb\_16Rev2b**

Comment      Type Editorial      Part of Dis  Satisfied       Page ?      Line 34      Fig/Table#      Subclause 13.1.3.1.2

Subclause 13.1.3.1.2 is missing the object table

Suggested Remedy

Change as the following:

13.1.3.1.2 wmanIf2BsTrapDefinitions

<delete>

wmanIf2BsTrapDefinitions is an object group that defines all the traps reported by BS, and the supported objects. The objects used in traps are defined in the table wmanIf2BsSsNotificationObjectsTable.

<delete>

<insert>

13.1.3.1.2.1 wmanIf2BsTrapPrefix

wmanIf2BsTrapPrefix lists the traps reported by the SS.

13.1.3.1.2.2 wmanIf2BsSsNotificationObjectsTable

wmanIf2BsSsNotificationObjectsTable contains SS notification objects that have been reported by the trap. <insert>

In Figure 322, add wmanIf2BsTrapPrefix and wmanIf2BsSsNotificationObjectsTable branches under wmanIf2BsTrapDefinitions

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Joey Chou

Membership Status: Member

Date: 2008/12/18

Comment # B30023

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 26      Fig/Table#      Subclause 13.1.3.2.1

Clarify description in Subclause 13.1.3.2.1

Suggested Remedy

Change as the following:

13.1.3.2.1 wmanIf2BsRegisteredSsTable

<delete>

Each entry in the wmanIf2BsRegisteredSsTable contains information regarding an SS that has been registered with this BS through REG-REQ and REG-RSP messages.

<delete>

<insert>

wmanIf2BsRegisteredSsTable contains the basic capability information of SSs that have been negotiated and agreed between BS and SS via REG-REQ and REG-RSP messages.

<insert>

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/12/18

Comment # B30024

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 5      Fig/Table#      Subclause 13.1.3.2.7

wmanIf2BsSsActionsTable has been enhanced to support PRC-LT-CTRL message

Suggested Remedy

Change as the following:

13.1.3.2.7 wmanIf2BsSsActionsTable

wmanIf2BsSsActionsTable contains all the actions specified for SSs in the standard. The actions are routed down to SS using unsolicited MAC messages: REG-RSP, DREG-REQ<insert>, PRC-LT-CTRL<insert> and RES-CMD. The table also contains the parameters of the actions in cases where they are specified by the standard.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/12/18

Comment # B30025

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial

Part of Dis  Satisfied

Page ?

Line 30

Fig/Table#

Subclause 13.1.3.4.8

Typo of "matrices"

wmanIf2BsUserMetricsTable contains counter objects to track user matrices.

Suggested Remedy

Change as the following:

wmanIf2BsUserMetricsTable contains counter objects to track user <delete>matrices<delete><insert>metrics<insert> .

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/12/18

Comment # B30026

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 56      Fig/Table#      Subclause 13.1.5.2

Clarify description in Subclause 13.1.5.2

Suggested Remedy

Change as the following:

13.1.5.2 wmanIf2fBsProvServiceClassTable

<delete>Each entry of the <delete>wmanIf2fBsProvServiceClassTable contains QoS parameter set, as defined in subclause 6.3.14 and 11.13. This table is provisioned by NMS.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Joey Chou

Membership Status: Member

Date: 2008/12/18

Comment # B30027

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 7      Fig/Table#      Subclause 13.1.6.4

Subclause 13.1.6.4 is missing the object table

Suggested Remedy

Change as the following:

13.1.6.4 wmanIf2SsTrapDefinitions

<delete>wmanIf2SsTrapDefinitions is a group that defines all the traps reported by SS.<delete>

<insert>

13.1.6.4.1 wmanIf2SsTrapPrefix

wmanIf2SsTrapPrefix lists the traps reported by the SS.

13.1.6.4.2 wmanIf2SsNotificationObjectsTable

wmanIf2SsNotificationObjectsTable contains SS notification objects that have been reported by the trap. <insert>

In Figure 337, add wmanIf2SsTrapPrefix and wmanIf2SsNotificationObjectsTable branches under wmanIf2SsTrapDefinitions

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: 2008/12/18Comment # B30028Document under Review: P802.16Rev2/D8Ballot ID: sb\_16Rev2b

<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 type="checkbox"/>	<input type="checkbox"/>	?	24		13.2.3

Update WmanIf2BasicCapOptions2 to support the following TLVs:  
 Co-located coexistence capability supported  
 H-FDD sleep capabilities  
 Group DSx supported

Suggested Remedy

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: 11.8.5 (Extended subheader support)

27-31: reserved

&lt;insert&gt;bit 32-35: 11.7.8.9 (Co-located coexistence capability)

36-39: reserved

bit 40: 11.7.8.10 (H-FDD sleep capabilities)

41-47: reserved

bit 48: 11.7.8.11 (Group DSx supported)

49-55: reserved<insert>"

SYNTAX BITS {pkmVersionSupport1(0),  
pkmVersionSupport2(1),  
reserved2(2),  
reserved3(3),  
reserved4(4),  
reserved5(5),  
reserved6(6),  
reserved7(7),  
authPolicySupportRsaInitialEntry(8),  
authPolicySupportEapInitialEntry(9),  
reserved10(10),  
reserved11(11),  
authPolicySupportRsaReentry(12),  
authPolicySupportEapReentry(13),  
reserved14(14),  
reserved15(15),  
macModeHmac(16),  
reserved17(17),  
macModeHmac64(18),  
macModeHmac80(19),  
macModeHmac96(20),  
macModeCmac(21),  
reserved22(22),  
reserved23(23),  
extSubheader(24),  
headerSupportShortPduSn(25),  
headerSupportLongPduSn(26),  
reserved27(27),  
reserved28(28),  
reserved29(29),  
reserved30(30),  
reserved31(31)<insert>,  
pscCoexistenceMode1(32),  
pscCoexistenceMode2(33),  
sleepModePscCoexistence(34),  
ulBandAmcPscCoexistence(35),  
reserved36(36),  
reserved37(37),  
reserved38(38),  
reserved39(39),

sleepModeHfdd(40),  
reserved41(41),  
reserved42(42),  
reserved43(43),  
reserved44(44),  
reserved45(45),  
reserved46(46),  
reserved47(47),  
groupDsxSupport(48),  
reserved49(49),  
reserved50(50),  
reserved51(51),  
reserved52(52),  
reserved53(53),  
reserved54(54),  
reserved55(55)<insert>}

**GroupResolution**

**Decision of Group: Principle**

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)

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

**Group's Notes**

1/13 defer

**Editor's Notes**

**Editor's Actions** a) done

Comment by:

Joey Chou

Membership Status: MemberDate: 2008/12/18Comment # B30029Document under Review: P802.16Rev2/D8Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis  Satisfied       Page ?      Line 63      Fig/Table#      Subclause 13.2.3

User groups are only applicable to HFDD. For clarification, change WmanIf2UserGroups to WmanIf2HfddUserGroups

Suggested Remedy

WmanIf2<insert>Hfdd<insert>UserGroups ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"Indicates two group of users for H-FDD operation."

SYNTAX INTEGER {<insert>hfddG<insert><delete>g<delete>roup1(1),  
<insert>hfddG<insert><delete>g<delete>roup2(2)}

WmanIf2BsRegisteredSsEntry ::= SEQUENCE {

wmanIf2BsSsUserGroupId WmanIf2<insert>Hfdd<insert>UserGroups,

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,

wmanIf2BsSs2ndMgmtArqDeliverInOrder WmanIf2TcArqDelvInOrder,

wmanIf2BsSs2ndMgmtArqRxPurgeTimeout Integer32,

wmanIf2BsSs2ndMgmtArqBlockSize Integer32,

wmanIf2BsSsVendorIdEncoding OCTET STRING,

wmanIf2BsSsAasBroadcastPermission Integer32,

wmanIf2BsSsMacVersion WmanIf2TcMacVersion}

wmanIf2BsSsUserGroupId OBJECT-TYPE

SYNTAX WmanIf2<insert>Hfdd<insert>UserGroups

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This is the index to two user groups supported by H-FDD operation. If there is only one user group for TDD/FDD, then this index = 1. "

::= { wmanIf2BsRegisteredSsEntry 1 }

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: 2008/12/18Comment # B30030Document under Review: P802.16Rev2/D8Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 46      Fig/Table#      Subclause 13.2.3

Ranging Correction Retries, LBS-ADV interval, SII-ADV interval parameters have been added to Table 553 in REV2. They should be added to wmanIf2BsConfigurationTable.

Suggested Remedy

Change as the following:

```

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,
    <insert>
    wmanIf2BsRangingCorrectionRetries Unsigned32,<insert>
    wmanIf2Bs2ndMgmtDIQoSProfileIndex Integer32,
    wmanIf2Bs2ndMgmtUIQoSProfileIndex Integer32,
    wmanIf2BsAutoSfidEnabled       Integer32,
    wmanIf2BsAutoSfidRangeMin      Unsigned32,

```

wmanlf2BsAutoSfidRangeMax Unsigned32,  
wmanlf2BsAasChanFbckReqFreq Integer32,  
wmanlf2BsAasBeamSelectFreq Integer32,  
wmanlf2BsAasChanFbckReqResolution Integer32,  
wmanlf2BsAasBeamReqResolution Integer32,  
wmanlf2BsAasNumOptDiversityZones Integer32,  
wmanlf2BsResetSector Integer32,  
wmanlf2BsSaChallengeTimer Integer32,  
wmanlf2BsSaChallengeMaxResends Integer32,  
wmanlf2BsSaTekTimer Integer32,  
wmanlf2BsSaTekReqMaxResends Integer32,

<insert>

wmanlf2BsLbsAdvInterval Integer32,  
wmanlf2BsSiiAdvInterval Integer32,<insert>  
wmanlf2BsT49Timeout Integer32,  
wmanlf2BsT56Timeout Integer32,  
wmanlf2BsT57Timeout Integer32,  
wmanlf2BsDIRadioRsrcWindowSize Integer32,  
wmanlf2BsUIRadioRsrcWindowSize Integer32}

<insert>

wmanlf2BsRangingCorrectionRetries OBJECT-TYPE

SYNTAX Unsigned32 (1 .. 255)

UNITS "microsecond"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Maximum time between unicast grants to SS when BS believes  
SS uplink transmission quality is not good enough."

DEFVAL { 16 }

::= { wmanlf2BsConfigurationEntry 21 }<insert>

<insert>

wmanlf2BsLbsAdvInterval OBJECT-TYPE

SYNTAX Integer32 (2 .. 1800)

UNITS "seconds"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Nominal time between transmission of LBS-ADV messages."

DEFVAL { 10 }



::= { wmanIf2BsConfigurationEntry 37 }

wmanIf2BsSiiAdvInterval OBJECT-TYPE

SYNTAX Integer32 (1 .. 30)

UNITS "seconds"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Nominal time between transmission of SII-ADV messages."

DEFVAL { 10 }

::= { wmanIf2BsConfigurationEntry 38 }<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: 2008/12/18Comment # B30031Document under Review: P802.16Rev2/D8Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 30      Fig/Table#      Subclause 13.2.3

Add objects to wmanIf2BsSsActionsTable to support PRC-LT-CTRL message

Suggested Remedy

Change as the following:

<insert>

WmanIf2MimoPrecoding ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"Types to setup or tear-down long-term precoding with feedback via PRC-LT-CTRL message.

0 - turn off

1 - turn on"

REFERENCE

"Table 163"

SYNTAX INTEGER {turnOff(0),  
turnOn(1)}<insert>

wmanIf2BsSsActionsTable OBJECT-TYPE

SYNTAX SEQUENCE OF WmanIf2BsSsActionsEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This table contains all the actions specified for SSs in the standard. The actions are routed down to SS using unsolicited MAC messages: REG-RSP, DREG-REQ<insert>, PRC-LT-CTRL<insert> and RES-CMD.

The table also contains the parameters of the actions in cases where they are specified by the standard."

::= { wmanIf2BsCm 7 }

WmanIf2BsSsActionsEntry ::= SEQUENCE {

wmanIf2BsSsActionsMacAddress      MacAddress,

wmanIf2BsSsActionsResetSs      Integer32,

wmanIf2BsSsActionsAbortSs Integer32,  
wmanIf2BsSsActionsOverrideDnFreq Unsigned32,  
wmanIf2BsSsActionsOverrideChannelId Integer32,  
wmanIf2BsSsActionsDeReRegSs Integer32,  
wmanIf2BsSsActionsDeReRegSsCode Integer32,<insert>  
wmanIf2BsSsActionsMimoPrecoding WmanIf2MimoPrecoding,  
wmanIf2BsSsActionsMimoPrecodingDelay Unsigned32,<insert>  
wmanIf2BsSsActionsRowStatus RowStatus}

<insert>

wmanIf2BsSsActionsMimoPrecoding OBJECT-TYPE

SYNTAX WmanIf2MimoPrecoding

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates whether long-term precoding with feedback from a particular MS is turned on or off. It is sent in the PRC-LT-CTRL message."

::= { wmanIf2BsSsActionsEntry 8 }

wmanIf2BsSsActionsMimoPrecodingDelay OBJECT-TYPE

SYNTAX Unsigned32

UNITS "frames"

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the delay in number of frames beyond the minimal delay of 1 frame for when precoding information feedback from the MS to the BS can or will be applied."

::= { wmanIf2BsSsActionsEntry 9 }<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: 2008/12/18Comment # B30032Document under Review: P802.16Rev2/D8Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 53      Fig/Table#      Subclause 13.2.3

Add an object to support power control mode in wmanIf2BsCmnPhyDownlinkChannelTable

Suggested Remedy

Change as the following:

## 1. In wmanIf2TcMib

<insert>

WmanIf2TcPwrCntlMode ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"Type of power cpntrol mode:

0 - Closed-loop power control mode

1 - Open loop power control passive mode with  
Offset\_SSpersS retention

2 - Open-loop power control passive mode with  
Offset\_SSpersS reset

3 - Open-loop power control active mode"

REFERENCE

"Table 161"

SYNTAX INTEGER {closedLoopPowerControl(0),  
openLoopPassiveModeRetention(1),  
openLoopPassiveModeReset(2),  
openLoopActiveMode(3)}<insert>

WmanIf2BsCmnPhyDownlinkChannelEntry ::= SEQUENCE {

wmanIf2BsCmnPhyBsEIRP Integer32,

wmanIf2BsCmnPhyChannelNumber WmanIf2TcChannelNumber,

wmanIf2BsCmnPhyMaxEirp Integer32,

wmanIf2BsCmnPhyDownlinkCenterFreq Unsigned32,

wmanIf2BsCmnPhyBsId WmanIf2TcBsIdType,

wmanIf2BsCmnPhyMacVersion WmanIf2TcMacVersion,

wmanIf2BsCmnPhyCyclicPrefix WmanIf2TcOfdmaCp,

wmanIf2BsCmnPhyDIRadioResource Integer32,

```
wmanIf2BsCmnPhyHysteresisMargin      Integer32,  
wmanIf2BsCmnPhyTimeToTriggerDuration Integer32,  
wmanIf2BsCmnPhyMihCapability         WmanIf2TcMihCapability,  
wmanIf2BsCmnPhyNspChangeCount        Integer32,  
wmanIf2BsCmnPhyCellType              WmanIf2CellType,  
wmanIf2BsCmnPhyBsRestartCount        Integer32,  
wmanIf2BsCmnPhyDIConfigChangeCount   Integer32<insert>,  
wmanIf2BsCmnPhyDIPowerControlMode    WmanIf2TcPwrCntlMode<insert>}
```

<<insert>

wmanIf2BsCmnPhyDIPowerControlMode OBJECT-TYPE

SYNTAX WmanIf2TcPwrCntlMode

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object defines the Power control mode change parameter  
that BS will send to MS in PCM\_RSP message in OFDM and OFDMA PHY modes."

::= { wmanIf2BsCmnPhyDownlinkChannelEntry 16 }<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: 2008/12/18Comment # B30033Document under Review: P802.16Rev2/D8Ballot ID: sb\_16Rev2b

<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>4</u>	<u>Fig/Table#</u>	<u>Subclause</u>	13.2.3
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Cell Type TLV has been changed in D8 draft. So wmanIf2BsCmnPhyCellType shall be changed accordingly  
 The syntax of wmanIf2BsCmnPhyCellType is changed to WmanIf2TcCellType that is a new type added to  
 wmanIf2TcMib, so it can be used by other MIB module.

Suggested Remedy

Change as the following:

## 1. In wmanIf2TcMib

&lt;insert&gt;

WmanIf2TcCellType ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"Cell type defines BS classes to be used by the MS in the  
 network for cell selection and re-selection. The definition  
 of these classes are out of scope of the specification.

0 - 15 maps to BS classes 0 to 15"

REFERENCE

"Table 574"

SYNTAX INTEGER {bsClasses0(0),  
 bsClasses1(1),  
 bsClasses2(2),  
 bsClasses3(3),  
 bsClasses4(4),  
 bsClasses5(5),  
 bsClasses6(6),  
 bsClasses7(7),  
 bsClasses8(8),  
 bsClasses9(9),  
 bsClasses10(10),  
 bsClasses11(11),  
 bsClasses12(12),  
 bsClasses13(13),  
 bsClasses14(14),  
 bsClasses15(15)}<insert>

## 2. In wmanIf2Mib

Add WmanIf2TcCellType to IMPORTS FROM WMAN-IF2-TC-MIB

```
WmanIf2BsCmnPhyDownlinkChannelEntry ::= SEQUENCE {
    wmanIf2BsCmnPhyBsEIRP          Integer32,
    wmanIf2BsCmnPhyChannelNumber   WmanIf2TcChannelNumber,
    wmanIf2BsCmnPhyMaxEirp        Integer32,
    wmanIf2BsCmnPhyDownlinkCenterFreq Unsigned32,
    wmanIf2BsCmnPhyBsId           WmanIf2TcBsIdType,
    wmanIf2BsCmnPhyMacVersion      WmanIf2TcMacVersion,
    wmanIf2BsCmnPhyCyclicPrefix    WmanIf2TcOfdmaCp,
    wmanIf2BsCmnPhyDIRadioResource Integer32,
    wmanIf2BsCmnPhyHysteresisMargin Integer32,
    wmanIf2BsCmnPhyTimeToTriggerDuration Integer32,
    wmanIf2BsCmnPhyMihCapability   WmanIf2TcMihCapability,
    wmanIf2BsCmnPhyNspChangeCount  Integer32,
    wmanIf2BsCmnPhyCellType        <delete>Integer32<delete><insert>WmanIf2TcCellType<insert>,
    wmanIf2BsCmnPhyBsRestartCount  Integer32,
    wmanIf2BsCmnPhyDIConfigChangeCount Integer32}

```

wmanIf2BsCmnPhyCellType OBJECT-TYPE

SYNTAX <delete>Integer32 (0 .. 15)<delete><insert>WmanIf2TcCellType<insert>

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This object <insert>defines BS classes to be used by the MS in the network for cell selection and re-selection. <insert><delete>indicates the size of the cell. Selection of value is implementation specific.

0 - the smallest cell

15 - the largest cell.<delete>"

REFERENCE

"Table 574"

::= { wmanIf2BsCmnPhyDownlinkChannelEntry 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: 2008/12/18Comment # B30034Document under Review: P802.16Rev2/D8Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 19      Fig/Table#      Subclause 13.2.3

wmanlf2BsOfdmaTtgHfddGroup1 object shall be for TTG HFDD group 2.

Suggested Remedy

Changed as the following

```

Wmanlf2BsOfdmaDownlinkChannelEntry ::= SEQUENCE {
    wmanlf2BsOfdmaFrameDurationCode      Wmanlf2TcOfdmaFrame,
    wmanlf2BsOfdmaHARQAckDelayULBurst    Wmanlf2TcHarqAckDelay,
    wmanlf2BsOfdmaHarqZonePermutation    Wmanlf2TcPermutationTyp,
    wmanlf2BsOfdmaHMaxRetransmission     Integer32,
    wmanlf2BsOfdmaRssiCinrAvgParameter   Wmanlf2TcRssiCinrAvg,
    wmanlf2BsOfdmaDIAMcAlloPhyBandsBitmap OCTET STRING,
    wmanlf2BsOfdmaHandoverSupported      Wmanlf2TcHoSupportType,
    wmanlf2BsOfdmaFddDIInterGroupGap     Wmanlf2TcFddDIGrpGap,
    wmanlf2BsOfdmaFddPartitionChange     Integer32,
    wmanlf2BsOfdmaThresholdAddBsDivSet   Integer32,
    wmanlf2BsOfdmaThresholdDelBsDivSet   Integer32,
    wmanlf2BsOfdmaAsrSlotLength          Integer32,
    wmanlf2BsOfdmaAsrSwitchingPeriod     Integer32,
    wmanlf2BsOfdmaTtgTtdOrHfddGroup1     Integer32,
    wmanlf2BsOfdmaTtgHfddGroup<delete>1 <delete><insert>2<insert>      Integer32,
    wmanlf2BsOfdmaRtgTtdOrHfddGroup1     Integer32,
    wmanlf2BsOfdmaRtgHfddGroup2          Integer32,
    wmanlf2BsOfdmaTsuc1ActSubchannelBitmap OCTET STRING,
    wmanlf2BsOfdmaTsuc2ActSubchannelBitmap OCTET STRING,
    wmanlf2BsOfdmaCidDescriptor          Wmanlf2CidDescriptor}

```

wmanlf2BsOfdmaTtgHfddGroup<delete>1 <delete><insert>2<insert> OBJECT-TYPE

SYNTAX Integer32 (0 .. 65535)

UNITS "PS"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Transmit / Receive Transition Gap for HFDD group 2. For TDD  
, '0' should be returned, when reading this object."  
 ::= { wmanIf2BsOfdmaDownlinkChannelEntry 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: 2008/12/18Comment # B30035Document under Review: P802.16Rev2/D8Ballot ID: sb\_16Rev2b

<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>8</u>	<u>Fig/Table#</u>	<u>Subclause</u>	<u>13.2.4</u>
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"Bit #6: Additional action time is supported when this bit is set to 1" has been added to 11.7.12.5 Handover Supported field in D8 draft. So, WmanIf2mHandoverType should be updated accordingly

Suggested Remedy

WmanIf2mHandoverType ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"Indicates what type(s) of Handover the BS and the MS supports.

bit#0: if set to 1, MDHO/FBSS HO not supported, the BS shall ignore all other bits.

bit#1: if set to 1, FBSS/MDHO DL RF Combining is supported with monitoring MAPs from active BSs

bit#2: if set to 1, MDHO DL soft Combining is supported with monitoring single MAP from anchor BS

bit#3: if set to 1, MDHO DL soft combining is supported with monitoring MAPs from active BSs

bit#4: if set to 1, MDHO UL Multiple transmission is supported

bit#5: If set to 1, seamless HO is supported

<insert>bit#6: Additional action time is supported<insert>"

REFERENCE

"Subclause 11.7.12.5"

SYNTAX BITS {mdhcFbssHoNotSupported(0),  
mdhcFbssDIMapsFromActiveBss(1),  
mdhcDIMapFromAnchorBs(2),  
mdhcDIMapsFromActiveBss(3),  
mdhcUIMultipleTx(4),  
seamlessHo(5)<insert>,  
additionalActionTime(6)<insert>}

GroupResolutionDecision of Group: Principle

STATUS current

DESCRIPTION

"Indicates what type(s) of Handover the BS and the MS supports.

bit#0: if set to 1, MDHO/FBSS HO not supported, the BS shall ignore all other bits.

bit#1: if set to 1, FBSS/MDHO DL RF Combining is supported with monitoring MAPs from active BSs

bit#2: if set to 1, MDHO DL soft Combining is supported with monitoring single MAP from anchor BS

bit#3: if set to 1, MDHO DL soft combining is supported with monitoring MAPs from active BSs

bit#4: if set to 1, MDHO UL Multiple transmission is supported

bit#5: If set to 1, seamless HO is supported

<insert>bit#6: If set to 1, Additional action time is supported<insert>"

REFERENCE

"Subclause 11.7.12.5"

SYNTAX BITS {mdhcFbssHoNotSupported(0),  
mdhcFbssDIMapsFromActiveBss(1),  
mdhcDIMapFromAnchorBs(2),  
mdhcDIMapsFromActiveBss(3),  
mdhcUIMultipleTx(4),  
seamlessHo(5)<insert>,  
additionalActionTime(6)<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: 2008/12/18Comment # B30036Document under Review: P802.16Rev2/D8Ballot ID: sb\_16Rev2b

<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>20</u>	<u>Fig/Table#</u>	<u>Subclause</u>	<u>13.2.4</u>
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wmanIf2mBsOfdmaFddDlInterGroupGap and wmanIf2mBsOfdmaFddPartitionChange should be in wmanIf2mBsNeighborBsOfdmaDcdTable instead of wmanIf2mBsNeighborBsOfdmaUcdTable

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,

```

wmanlf2mBsOfdmaHARQAckDelayDLBurst Wmanlf2TcHarqAckDelay,  
wmanlf2mBsOfdmaCqichBandAmcTransDelay Integer32,  
wmanlf2mBsOfdmaMaxRetransmission Integer32,  
wmanlf2mBsOfdmaNormalizedCnOverride OCTET STRING,  
wmanlf2mBsOfdmaSizeOfCqichId Integer32,  
wmanlf2mBsOfdmaNormalizedCnValue Integer32,  
wmanlf2mBsOfdmaNormalizedCnOverride2 OCTET STRING,  
wmanlf2mBsOfdmaBandAmcEntryAvgCinr Integer32,  
wmanlf2mBsOfdmaAasPreambleUpperBond Integer32,  
wmanlf2mBsOfdmaAasPreambleLowerBond Integer32,  
wmanlf2mBsOfdmaAasBeamSelectAllowed Wmanlf2TcAasBeamSel,  
wmanlf2mBsOfdmaCqichIndicationFlag OCTET STRING,  
wmanlf2mBsOfdmaMsUpPowerAdjStep Unsigned32,  
wmanlf2mBsOfdmaMsDownPowerAdjStep Unsigned32,  
wmanlf2mBsOfdmaMinPowerOffsetAdj Integer32,  
wmanlf2mBsOfdmaMaxPowerOffsetAdj Integer32,  
wmanlf2mBsOfdmaHandoverRangingCodes Integer32,  
wmanlf2mBsOfdmaInitialRangingInterval Unsigned32,  
wmanlf2mBsOfdmaTxPowerReport Wmanlf2TcTxPowerReport,  
wmanlf2mBsOfdmaNormalizedCnChSounding Integer32,  
wmanlf2mBsOfdmaInitialRngBackoffStart Integer32,  
wmanlf2mBsOfdmaInitialRngBackoffEnd Integer32,  
wmanlf2mBsOfdmaBwRequestBackoffStart Integer32,  
wmanlf2mBsOfdmaBwRequestBackoffEnd Integer32,  
wmanlf2mBsOfdmaUIPuscSubChRotation Integer32,  
wmanlf2mBsOfdmaRelPwrOffetUIHarqBurst Integer32,  
wmanlf2mBsOfdmaRelPwrOffetUIMacMgmBurst Unsigned32,  
wmanlf2mBsOfdmaUIInitialTxTiming Integer32,  
wmanlf2mBsOfdmaUIPhyModelId Wmanlf2TcUIPhyModelId,  
wmanlf2mBsOfdmaFastFeedbackRegion Wmanlf2TcFastFeedback,  
wmanlf2mBsOfdmaHarqAckRegion Wmanlf2TcHarqAckRegion,  
wmanlf2mBsOfdmaRangingRegion Wmanlf2TcRangingRegion,  
wmanlf2mBsOfdmaSoundingRegion Wmanlf2TcSoundingRegion,  
wmanlf2mBsOfdmaMsTxPowerLimit Unsigned32,  
wmanlf2mBsOfdmaHfddGroupSwitchDelay Integer32,  
wmanlf2mBsOfdmaFrameOffset Wmanlf2TcFrameOffset,  
wmanlf2mBsOfdmaNumOfPowerControlBits Wmanlf2TcPwrCntlBits,  
<delete>wmanlf2mBsOfdmaFddDIInterGroupGap Wmanlf2TcFddDIGrpGap,  
wmanlf2mBsOfdmaFddPartitionChange Integer32,<delete>  
wmanlf2mBsOfdmaUcdConfigChangeCount Integer32}

<delete>

wmanIf2mBsOfdmaFddDIInterGroupGap OBJECT-TYPE

SYNTAX WmanIf2TcFddDIGrpGap

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Indicates the location and the size of inter-group gap location."

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 65 }

wmanIf2mBsOfdmaFddPartitionChange OBJECT-TYPE

SYNTAX Integer32 (0 .. 255)

UNITS "Frames"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Indicate minimum number of frames (excluding current frame) before next possible change."

::= { wmanIf2mBsNeighborBsOfdmaUcdEntry 66 }<delete>

WmanIf2mBsNeighborBsOfdmaDcdEntry ::= SEQUENCE {

wmanIf2mBsOfdmaBsEIRP Integer32,  
wmanIf2mBsOfdmaChannelNumber WmanIf2TcChannelNumber,  
wmanIf2mBsOfdmaTTG Integer32,  
wmanIf2mBsOfdmaRTG Integer32,  
wmanIf2mBsOfdmaMaxEirp Integer32,  
wmanIf2mBsOfdmaDownlinkCenterFreq Unsigned32,  
wmanIf2mBsOfdmaBsId OCTET STRING,  
wmanIf2mBsOfdmaMacVersion WmanIf2TcMacVersion,  
wmanIf2mBsOfdmaDIRadioResource Integer32,  
wmanIf2mBsOfdmaHARQAackDelayULBurst WmanIf2TcHarqAckDelay,  
wmanIf2mBsOfdmaHarqZonePermutation WmanIf2TcPermutationTyp,  
wmanIf2mBsOfdmaHMaxRetransmission Integer32,  
wmanIf2mBsOfdmaRssiCinrAvgParameter WmanIf2TcRssiCinrAvg,  
wmanIf2mBsOfdmaDIAMcAlloPhyBandsBitmap OCTET STRING,  
wmanIf2mBsOfdmaHandoverSupported WmanIf2TcHoSupportType,  
wmanIf2mBsOfdmaThresholdAddBsDivSet Integer32,  
wmanIf2mBsOfdmaThresholdDelBsDivSet Integer32,  
wmanIf2mBsOfdmaAsrSlotLength Integer32,  
wmanIf2mBsOfdmaAsrSwitchingPeriod Integer32,  
wmanIf2mBsOfdmaHysteresisMargin Integer32,

wmanIf2mBsOfdmaTimeToTrigger Integer32,  
wmanIf2mBsOfdmaMihCapability WmanIf2TcMihCapability,  
wmanIf2mBsOfdmaNspChangeCount Integer32,  
wmanIf2mBsOfdmaCellType Integer32,  
wmanIf2mBsOfdmaRestartCount Integer32,  
wmanIf2mBsOfdmaDcdConfigChangeCount Integer32<insert>,  
wmanIf2mBsOfdmaFddDIInterGroupGap WmanIf2TcFddDIGrpGap,  
wmanIf2mBsOfdmaFddPartitionChange Integer32<insert>}

<insert>

wmanIf2mBsOfdmaFddDIInterGroupGap OBJECT-TYPE

SYNTAX WmanIf2TcFddDIGrpGap

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Indicates the location and the size of inter-group gap location."

::= { wmanIf2mBsNeighborBsOfdmaDcdEntry 27 }

wmanIf2mBsOfdmaFddPartitionChange OBJECT-TYPE

SYNTAX Integer32 (0 .. 255)

UNITS "Frames"

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Indicate minimum number of frames (excluding current frame) before next possible change."

::= { wmanIf2mBsNeighborBsOfdmaDcdEntry 28 }<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: 2008/12/18Comment # B30037Document under Review: P802.16Rev2/D8Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 58      Fig/Table#      Subclause 13.2.4

Cell Type TLV has been changed in D8 draft. So wmanIf2mBsOfdmaCellType shall be changed accordingly

Suggested Remedy

Change as the following:

Change wmanIf2mMib as the following

1. Add WmanIf2TcCellType to IMPORTS FROM WMAN-IF2-TC-MIB

```
WmanIf2mBsNeighborBsOfdmaDcdEntry ::= SEQUENCE {
    wmanIf2mBsOfdmaBsEIRP          Integer32,
    wmanIf2mBsOfdmaChannelNumber   WmanIf2TcChannelNumber,
    wmanIf2mBsOfdmaTTG             Integer32,
    wmanIf2mBsOfdmaRTG             Integer32,
    wmanIf2mBsOfdmaMaxEirp         Integer32,
    wmanIf2mBsOfdmaDownlinkCenterFreq Unsigned32,
    wmanIf2mBsOfdmaBsId            OCTET STRING,
    wmanIf2mBsOfdmaMacVersion      WmanIf2TcMacVersion,
    wmanIf2mBsOfdmaDIRadioResource Integer32,
    wmanIf2mBsOfdmaHARQAackDelayULBurst WmanIf2TcHarqAckDelay,
    wmanIf2mBsOfdmaHarqZonePermutation WmanIf2TcPermutationTyp,
    wmanIf2mBsOfdmaHMaxRetransmission Integer32,
    wmanIf2mBsOfdmaRssiCinrAvgParameter WmanIf2TcRssiCinrAvg,
    wmanIf2mBsOfdmaDIAMcAlloPhyBandsBitmap OCTET STRING,
    wmanIf2mBsOfdmaHandoverSupported WmanIf2TcHoSupportType,
    wmanIf2mBsOfdmaThresholdAddBsDivSet Integer32,
    wmanIf2mBsOfdmaThresholdDelBsDivSet Integer32,
    wmanIf2mBsOfdmaAsrSlotLength     Integer32,
    wmanIf2mBsOfdmaAsrSwitchingPeriod Integer32,
    wmanIf2mBsOfdmaHysteresisMargin  Integer32,
    wmanIf2mBsOfdmaTimeToTrigger     Integer32,
    wmanIf2mBsOfdmaMihCapability     WmanIf2TcMihCapability,
    wmanIf2mBsOfdmaNspChangeCount    Integer32,
    wmanIf2mBsOfdmaCellType          <delete>Integer32<delete><insert>WmanIf2TcCellType<insert>,
}
```

wmanIf2mBsOfdmaRestartCount Integer32,  
wmanIf2mBsOfdmaDcdConfigChangeCount Integer32,  
wmanIf2mBsOfdmaFddDIInterGroupGap WmanIf2TcFddDIGrpGap,  
wmanIf2mBsOfdmaFddPartitionChange Integer32}

wmanIf2mBsOfdmaCellType OBJECT-TYPE

SYNTAX <delete>Integer32 (0 .. 15)<delete><insert>WmanIf2TcCellType<insert>

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This object <insert>defines BS classes to be used by the MS in the network for cell selection and re-selection. <insert><delete>indicates the size of the cell. Selection of value is implementation specific.

0 - the smallest cell

15 - the largest cell.<delete>"

::= { wmanIf2mBsNeighborBsOfdmaDcdEntry 24 }

**GroupResolution**

**Decision of Group: Agree**

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

**Group's Notes**

**Editor's Notes**

**Editor's Actions** a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Joey Chou

Membership Status: Member

Date: 2008/12/18

Comment # B30038

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 60      Fig/Table#      Subclause 13.2.4

DCD objects are missing in wmanIf2mBsNeighborBsOfdmaDcdTable.

Suggested Remedy

Adopt contribution C80216maint-08\_353.doc

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Joey Chou

Membership Status: Member

Date: 2008/12/18

Comment # B30039

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 13      Fig/Table#      Subclause 13.2.4

wmanIf2mBsLbsAdvNeighborBsTable shall be added to support LBS-ADV message.

Suggested Remedy

Adopt contribution C80216maint-08\_352.doc

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Joey Chou

Membership Status: Member

Date: 2008/12/18

Comment # B30040

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page ?      Line 63      Fig/Table#      Subclause 13.2.4

"11.13.18.3.3.2 IP Type of Service/DSCP (differentiated services codepoint) Range and Mask field" has been removed from D8.

"11.13.18.3.3.19 IP Type of Service" has been added to D8.

Classification tables in wmanIf2mMib and wmanIf2fMib should be changed accordingly.

Suggested Remedy

Adopt contribution C80216maint-08\_355.doc

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: 2008/12/18Comment # B30041Document under Review: P802.16Rev2/D8Ballot ID: sb\_16Rev2b

<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> 37	<u>Fig/Table#</u>	<u>Subclause</u> 13.2.5
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Clarify description in Subclause 13.1.5.2

Suggested Remedy

Change as the following:

wmanIf2fBsProvServiceClassTable OBJECT-TYPE

SYNTAX SEQUENCE OF WmanIf2fBsProvServiceClassEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"<delete>Each entry of the<delete> <insert>This<insert> table contains corresponding service flow characteristic attributes (e.g. QoS parameter set). <delete>The value of wmanIf2fBsQoSProfileIndex is obtained from wmanIf2fBsServiceClassIndex in wmanIf2fBsProvisionedSfTable<delete>"

REFERENCE

"Subclause 6.3.14.4"

::= { wmanIf2fBsMib 2 }

wmanIf2fBsProvServiceClassEntry OBJECT-TYPE

SYNTAX WmanIf2fBsProvServiceClassEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This table provides one row for each service class<insert>, and is indexed by wmanIf2fBsQoSProfileIndex that is obtained from wmanIf2fBsServiceClassIndex in wmanIf2fBsProvisionedSfTable<insert>"

INDEX { ifIndex, wmanIf2fBsQoSProfileIndex }

::= { wmanIf2fBsProvServiceClassTable 1 }

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

Group's Notes

Editor's Notes

Editor's Actions a) done

**2009/09/30**

**IEEE 802.16-08/064r3**

Comment by: Roger Marks

Membership Status: Member

Date: 2008-12-06

Comment # **B30042**

Document under Review: **P802.16Rev2/D8**

Ballot ID: **sb\_16Rev2b**

Comment    Type Editorial    Part of Dis     Satisfied     Page ?    Line 17    Fig/Table#    Subclause Annex A

Forwarded comment from Peter Ecclesine: The FCC URL has changed, and the URL for all FCC Rules and Regulations is more useful.

Suggested Remedy

Replace URL with [http://wireless.fcc.gov/index.htm?job=rules\\_and\\_regulations](http://wireless.fcc.gov/index.htm?job=rules_and_regulations)

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

**2009/09/30**

**IEEE 802.16-08/064r3**

Comment by: Roger Marks

Membership Status: Member

Date: 2008-12-06

Comment # **B30043**

Document under Review: **P802.16Rev2/D8**

Ballot ID: **sb\_16Rev2b**

Comment    Type Editorial    Part of Dis     Satisfied     Page ?    Line 46    Fig/Table#    Subclause Annex A

Forwarded comment from Peter Ecclesine: IEEE Std. 802.11-2007 is the correct reference.

Suggested Remedy

Change 1997 to 2007

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Roger Marks

Membership Status: Member

Date: 2008-12-06

Comment # B30044

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

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

Forwarded comment from Peter Ecclesine: IEEE Std. 802.11-2007 clause 17 is the correct reference, and is only referred to in 8.3.10.3.

Suggested Remedy

Change entry to [B29] IEEE Std. 802.11-2007 clause 17, and change page 701 line 32, 8.3.10.3 to "IEEE Std 802.11-2007, clause 17[B29]"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Roger Marks

Membership Status: Member

Date: 2008-12-06

Comment # B30045

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line      Fig/Table#      Subclause Annex A

Forwarded comment from Peter Ecclesine: Blank page

Suggested Remedy

delete blank page

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions g) editor disagrees

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Roger Marks

Membership Status: Member

Date: 2008-12-06

Comment # B30046

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

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

Forwarded comment from Peter Ecclesine: Bookmarks for the Annexes should include their titles

Suggested Remedy

Reformat pdf to include annex titles in bookmarks

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions      g) editor disagrees

This isn't as simple as it sounds. This would require reformatting each annex.



2009/09/30

IEEE 802.16-08/064r3

Comment by: Li Wang

Membership Status: Nonmember

Date: 2008/12/18

Comment # B30047

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

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

In the table 161 of section 6.3.2.3.54, size of start frame is 6 bit in the PMC\_RSP message. But in the SBC-REQ/RSP message size of related parameter is 1 byte. That may cause some problems when the value of the parameter in SBC-REQ/RSP is bigger than 64 and make inconsistency between BS and MS.

Suggested Remedy

Please adopt C802.16maint-08\_354 or later version.

GroupResolution

Decision of Group: Principle

adopt C802.16maint-08/354

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2009-01-06

Comment # B30048L

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page 713      Line      Fig/Table# 222      Subclause 8.4.4.2

Incomplete implementation of agreed comment A20012. Figures 222 and 223 have wrong captions.

Suggested Remedy

interchange captions between Figures 222 and 223.

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by:

Sylvain Labonte

Membership Status: Member

Date: 2009-01-06

Comment # B30049L

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 31      Fig/Table#      Subclause 8.4.11.1

Comments A20021, A20022, A20023, A20024 were marked Agree but were not implemented in RevD8.

Suggested Remedy

Please fix unreadable superscripts at

p. 1092, l. 31

p. 1092, l. 45

p. 1093, l. 60

p. 1094, l. 22

GroupResolution

Decision of Group: Agree

p. 1092, l. 31

p. 1092, l. 45

p. 1093, l. 60

p. 1094, l. 22

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

Hopefully this time it fixed the problem

Comment by: Hassan YaghoobiMembership Status: MemberDate: 2009/01/08Comment # B30050LDocument under Review: P802.16Rev2/D8Ballot ID: sb\_16Rev2bComment      Type Technical      Part of Dis       Satisfied       Page ?      Line 42      Fig/Table# 570      Subclause 11.3.1

There exist different regulatory requirements in different countries e.g. related to the MS TX spectral masks. To allow global roaming and to allow global SKUs for a MS without violating the local regulatory requirements it is required that the MS knows before the first transmission in a network in which country it will be operating. Therefore the country code should be added with a new TLV to the UCD message.

**Suggested Remedy**

Add a new row to the end of the table 570—UCD PHY-specific channel encodings—WirelessMAN-OFDMA (continued) with the following parameters:

Name: Country Code

Type: 218

Length: 2

Value: Country code according to List of Mobile Country or Geographical Area Codes - numerical order

ITU-T TELECOMMUNICATION STANDARDIZATION SECTOR OF ITU

COMPLEMENT TO ITU-T RECOMMENDATION E.212 (11/98)

Annex to ITU Operational Bulletin

No. 803 – 1.I.2004 or latest revision

Bits #0-3: 1st digit (from left to right) of the country code

Bits #4-7: 2nd digit of the country code

Bits #8-11: 3rd digit of the country code

Bits #12-15: Reserved

**GroupResolution****Decision of Group: Principle***[Add the following reference to Chapter 2]*

ITU-T TELECOMMUNICATION STANDARDIZATION SECTOR OF ITU COMPLEMENT TO ITU-T RECOMMENDATION E.212 (05/2004)

Annex to ITU Operational Bulletin No. 897 – 1.XII.2007

*[Add a new row to the end of the table 570—UCD PHY-specific channel encodings—WirelessMAN-OFDMA (continued) with the following parameters:]*

Name: Country Code

Type: 218

Length: 2

Value: Country code according to List of Mobile Country or Geographical Area Codes - numerical order [ITU-T RECOMMENDATION E.212, Annex 897-1.XII.2007]

Bits #0-3: 1st digit (from left to right) of the country code

Bits #4-7: 2nd digit of the country code

Bits #8-11: 3rd digit of the country code

Bits #12-15: Reserved

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

**Group's Notes**

1/13 defer

**Editor's Notes**

**Editor's Actions** a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Hassan Yaghoobi

Membership Status: Member

Date: 2009/01/08

Comment # B30051L

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 136      Line 44      Fig/Table# 96      Subclause 6.3.2.3.26

Based on description in Section 6.3.23.1, a BS transmits DREG-CMD with action code 05 during BS initiated idle mode. However, this BS initiated idle mode can be one of the following two types: one case when the DREG-CMD with action 05 contains REQ-Duration TLV and the other one when the DREG-CMD with action code 05 does not contain REQ-Duration. Thus, the type of BS initiated idle mode is recognized by observing whether or not REQ-Duration is included in the DREG-CMD message.

The description of action code 05 in Table 96 does not specify anything about the inclusion of REQ-Duration in DREG-CMD. Therefore, for clarity the description of action code 05 should mention that "REQ duration" may or may not be included.

Suggested Remedy

Add the following sentence to the description of action code 05 in Table 96.

"In this case, DREG-CMD may include REQ-Duration TLV."

GroupResolution

Decision of Group: Principle

Change the text for Action code 0x05 in Table 96 as indicated:

MS shall ~~immediately~~ begin ~~deregistration~~~~from~~~~servicing BS and request initiation of MS idle mode.~~~~See 6.3.23.1~~~~MS idle mode initiation~~

Reason for Group's Decision/Resolution

Group's Notes

1/13 defer

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Hassan Yaghoobi

Membership Status: Member

Date: 2009/01/08

Comment # B30052L

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 136      Line 47      Fig/Table# 96      Subclause 6.3.2.3.26

In Table 96, it is not clear if "REQ duration" is optional or mandatory when BS sends DREG-CMD message with Action Code 0x6. When reading the second sentence carefully in the description ("The MS may retransmit the DREG-REQ message after the time duration (REQ duration) provided in the message."), it seems to imply it is mandatory, as the operative word is "provided". If the "spirit" of Action Code 0x6 is to re-transmit, then it makes sense that it is mandatory. However, if it is optional then the sentence is better worded as "The MS may retransmit the DREG-REQ message after the time duration (REQ duration) if provided in the message." Other than this description, there is no other place in the standard doc that describes the use case of Action Code 0x6. It will be good if Section 6.3.23.1 be amended to discuss it's use case.

Suggested Remedy

Provide clarification to the description of action code 06 by modifying the sentence as follows.

"The MS may retransmit the DREG-REQ message after the time duration (REQ duration) if provided in the message."

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-09/0010r1

Reason for Group's Decision/Resolution

Group's Notes

1/13 defer

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Peiyong Zhu

Membership Status: Member

Date: 2009/01/12

Comment # B30053L

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Editorial      Part of Dis       Satisfied       Page ?      Line 47      Fig/Table#      Subclause Annex A

In Rev2 D8, despite the the fact that the Bibliography presented in Annex A is informative, I would urge that amendment j's TG work to update the references for the sake of quality/accuracy. A specific example is the reference to the 802.11 Standard [B28] which still points at the 1997 baseline. FYI the current 802.11 baseline is really a 2008 document.

I would guess that some of the IETF & ITU documents are also in need of a refresh too.

Suggested Remedy

Undertake to refresh Annex A's document references.. Here is the refresh for [B28]..

Replace the existing text with at least the the 2007 baseline reference.. ie "[B28] IEEE Std 802.11(TM)-2007, IEEE Standard for Information Technology--Telecommunications and information exchange between systems--LANs and MANs--Specific requirements--Part 11: WLAN MAC and PHY Specifications"

GroupResolution

Decision of Group: Agree

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2009-01-13

Comment # B30054LL

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 997      Line 55      Fig/Table#      Subclause 8.4.6.2.7.1

As explained in the standard, a BS may set the 'periodicity' field to 0b000 in the UL Sounding Command IE to either

- Request a single (not periodic) sounding signal transmission, or
- Request termination of an existing periodic sounding signal transmission.

However, it is not clearly stated in the standard how an MS is supposed to distinguish the two cases above.

comment on behalf of Vladimir Yanover

Suggested Remedy

C80216maint-09/0005

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-09/0005r1

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions a) done



2009/09/30

IEEE 802.16-08/064r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2009-01-13

Comment # B30055LL

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 974      Line 8      Fig/Table#      Subclause 8.4.6.2.7.1

The standard doesn't address retransmission of sounding command that in some scenarios may lead to an inter operability problem.

comment on behalf of Vladimir Yanover

Suggested Remedy

C80216maint-09/0006

GroupResolution

Decision of Group: Disagree

Adopt C802.16maint-09/0006r1

Reason for Group's Decision/Resolution

The group believes the standard is sufficiently clear.

Group's Notes

1/13 deferred

Editor's Notes

Editor's Actions    b) none needed

2009/09/30

IEEE 802.16-08/064r3

Comment by: Sylvain Labonte

Membership Status: Member

Date: 2009-01-13

Comment # B30056LL

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 196      Line 24      Fig/Table# 144      Subclause 6.3.2.3.42

The standard does not provide a satisfactory mechanism for the indication of the reuse factor to be used in CINR calculations for HO.

comment submitted on behalf of Alvarion

Suggested Remedy

C802.16maint-09/0008

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-09/0008r2, with the following modifications: text added in the "notes" column to be moved to immediately follow the table; and, use consistant notation for binary values (e.g., '0b00' instead of '00')

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions    a) done

2009/09/30

IEEE 802.16-08/064r3

Comment by:

David Johnston

Membership Status: Member

Date:

Comment # B30057LLL

Document under Review: P802.16Rev2/D8

Ballot ID: sb\_16Rev2b

Comment      Type Technical      Part of Dis       Satisfied       Page 551      Line 1      Fig/Table#      Subclause 7.4.1.5

The BS usage of TEK section includes a diagram for TEK management with text limiting its applicability to PKMv1. This diagram is actually applicable to PKMv2. Better wording is defined. Clarity is needed concerning the freshness of TEKs. Fix is necessary to avoid key leaking and replay attack vulnerabilities.

Suggested Remedy

Adopt C802.16maint-09/0012

GroupResolution

Decision of Group: Principle

Adopt C802.16maint-09/0012r2

Reason for Group's Decision/Resolution

Group's Notes

Result of vote to adopt C802.16maint-09/0012r2: 12 in favor, 0 opposed, 2 abstentions

Editor's Notes

Editor's Actions    a) done

Edits to Chapter 7 completed.