

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Freedman, Avraham

Membership Status:

Date: 26-Feb-2012

Comment # **r01-1**

Document under Review:

Ballot ID: **sb01R0**

Comment      Type **Technical**      Part of Dis ☒ Satisfied ☐      Page **2**      Line **58**      Fig/Table#      Subclause **1.4**

The sentence refereing to the coexistence protocol is not relevant here.

Suggested Remedy

Delete "The Management/Control Plane may also include the "CX Management part" of WirelessMAN-CX composed of the "Distributed Coexistence Information Database," "Distributed Radio Resource Management," and "Coexistence Protocol (CXP)."

GroupResolution

Decision of Group: **Accepted**

<delete>The Management/Control Plane may also include the “CX Management part” of WirelessMAN-CX composed of the “Distributed Coexistence Information Database,” “Distributed Radio Resource Management,” and “Coexistence Protocol (CXP).”</delete>

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Freedman, Avraham

Membership Status:

Date: 26-Feb-2012

Comment # **r01-2**

Document under Review:

Ballot ID: **sb01R0**

Comment      Type **Technical**      Part of Dis ☐ Satisfied ☐      Page **3**      Line **1**      Fig/Table#      Subclause **1.4**

I think the reference to legacy WirelessMAN OFDMA system is not necessary here

Suggested Remedy

Delete "This includes classifying external network SDUs and associating them to the proper MAC service flow identifier (SFID) and connection identifier (CID), or, for an"

GroupResolution

Decision of Group: **Principle**

This includes classifying external network SDUs and associating them to the proper MAC service flow identifier (SFID) and <delete>connection identifier (CID), or</delete>, for an ABS or AMS, <delete>to</delete> a Station Identifier + Flow Identifier (STID+FID) combination.

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

**2012/12/29**

802.16-12-0204-02-Gdoc

**Comment by:**

Freedman, Avraham

**Membership Status:**

**Date:** 26-Feb-2012

**Comment #** **r01-3**

**Document under Review:**

**Ballot ID: sb01R0**

Comment      Type Editorial      Part of Dis ☐ Satisfied ☐      Page 3      Line 22      Fig/Table#      Subclause 1.4.2

Figure 2 has slipped to a wrong location

### Suggested Remedy

## Fix the figure location

## GroupResolution

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

No problem. Editor's fault.

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

### Group's Notes

## Editor's Notes

### Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Freedman, Avraham

Membership Status:

Date: 26-Feb-2012

Comment # **r01-4**

Document under Review:

Ballot ID: **sb01R0**

Comment      Type **Technical**      Part of Dis ☒ Satisfied ☐      Page **3**      Line **52**      Fig/Table#      Subclause **1.4.2.1**

It seems the sentence is not complete.

Suggested Remedy

Replace the subsection with subsection 1.4.4.1 of IEEE 802.16-2009: This standard observes the following correlation:

- MAC management PDUs that are exchanged on the basic management connection trigger or are triggered by primitives that are exchanged over the C-SAP.
- MAC management PDUs that are exchanged on the primary management connection trigger or are triggered by primitives that are exchanged over either the C-SAP or the M-SAP depending on the particular management or control operation.
- Messages that are exchanged over the secondary management connection trigger or are triggered by primitives that are exchanged over the M-SAP.

GroupResolution

Decision of Group: **Rejected**

Reason for Group's Decision/Resolution

In 6.2.10.1 of this draft, there is only Control Connection. MAC management PDU and secondary management connection are not used in IEEE 802.16.1.

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Freedman, Avraham

Membership Status:

Date: 26-Feb-2012

Comment # **r01-5**

Document under Review:

Ballot ID: **sb01R0**

Comment      Type Editorial      Part of Dis ☒ Satisfied ☐      Page 3      Line 62      Fig/Table#      Subclause 1.4.2.2

The reference to the figure is wrong

Suggested Remedy

Change "Figure 3" to "Figure 2"

GroupResolution

Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Freedman, Avraham

Membership Status:

Date: 26-Feb-2012

Comment # **r01-6**

Document under Review:

Ballot ID: **sb01R0**

Comment      Type Technical      Part of Dis ☐ Satisfied ☐      Page 906      Line 17      Fig/Table#      Subclause 6.8.2.3

Reference is made to a subscron of 802.16-2009 and not to 802.16.1

Suggested Remedy

Change the last sentence to read: "The content of this message and its functionality is consistent with LBS-ADV message in 6.3.2.3.59 of IEEE Std 802.16-2009

GroupResolution

Decision of Group: Principle

The content of this message and its functionality is consistent with <insert>the</insert> LBS-ADV message in <delete>6.3.2.3.59</delete><insert>IEEE Std. 802.16</insert>.

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Freedman, Avraham

Membership Status:

Date: 26-Feb-2012

Comment # **r01-7**

Document under Review:

Ballot ID: **sb01R0**

Comment      Type **Technical**      Part of Dis ☐ Satisfied ☐      Page **5**      Line **14**      Fig/Table#      Subclause **2**

IEEE Std 802.16 is a generic name. References should be made to a specific version (e.g. IEEE Std. 802.16-2009, which appears as well in the list)

Suggested Remedy

Delete line 14: "IEEE Std 802.16, IEEE Standard for Air Interface for Broadband Wireless Access Systems."

GroupResolution

Decision of Group: **Rejected**

Note:

IEEE Std 802.16m-2011 and IEEE Std 802.16-2009 will be removed from Normative References per comment r01-11.

Reason for Group's Decision/Resolution

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

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Freedman, Avraham

Membership Status:

Date: 26-Feb-2012

Comment # **r01-8**

Document under Review:

Ballot ID: **sb01R0**

Comment      Type General      Part of Dis ☒ Satisfied ☐      Page 9      Line 12      Fig/Table#      Subclause Historical

This comment refers to the front matter (page ix and not 9).

It is customary to include all the names of the officers during the time frame mentioned

Suggested Remedy

Add: "Carl Eklund: Task Group Vice Chair      Avraham Freedman: Task Group Secretary"

GroupResolution

Decision of Group: **Accepted**

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Freedman, Avraham

Membership Status:

Date: 26-Feb-2012

Comment # **r01-9**

Document under Review:

Ballot ID: **sb01R0**

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

This comments reates to the front matter:Names of sponsor ballot pariticipants are missing

Suggested Remedy

Add names of sponsor ballot participants.

GroupResolution

Decision of Group: **Rejected**

Reason for Group's Decision/Resolution

According to the 2012 IEEE Standard Style Manual, the sponsor ballot commitee is inserted by IEEE editorial staff prior to publication.

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by: Freedman, Avraham

Membership Status: Date: 26-Feb-2012

Comment # r01-10 Document under Review:

Ballot ID: sb01R0

Comment Type General Part of Dis ☒ Satisfied ☐ Page 9 Line 5 Fig/Table# Subclause Historical

This comment refers to page ix in the front matter:  
The reference here should be made to 802.16.1 and not to 802.16

Suggested Remedy  
Change "802.16" to "802.16.1"

GroupResolution Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes Editor's Actions



2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Turner, Michelle

Membership Status:

Date: 29-Feb-2012

Comment # **r01-11**

Document under Review:

Ballot ID: **sb01R0**

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

Please check the Normative references, there are quite a bit that aren't cited in text. The majority of the IETF RFC documents are cited. If they are not needed for the implementation of the standard please create an informative Annex entitled Bibliography and placed the documents into the Bibliography.

Suggested Remedy

GroupResolution

Decision of Group: **Accepted**

1. Create an Annex for Bibliography
2. Any Normative Reference not cited in this standard will be moved to the Annex

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Jisoo Park

Membership Status: Member

Date: 2012/03/07

Comment # 1101

Document under Review: P802.16.1/D4

Ballot ID: sb01R0

Comment      Type Editorial      Part of Dis ☐ Satisfied ☐      Page 3      Line 19      Fig/Table# 2      Subclause 1.4.2

The text body in section 1.4.2 Network reference model lies to be covered with Figure 2.

Suggested Remedy

Relocate Figure 2 to the lower part of the text body in section 1.4.2.

GroupResolution

Decision of Group: Superceded

Superceded by r01-3

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

Comment by:

Jisoo Park

Membership Status: MemberDate: 2012/03/07Comment # 1102Document under Review: P802.16.1/D4Ballot ID: sb01R0Comment      Type Technical      Part of Dis ☐ Satisfied ☐      Page 14      Line 14      Fig/Table# 195      Subclause 3

In the current draft standard, the advanced network and R1 network is frequently introduced, but its definition isn't specified. Then, with the same approach as R1 BS and R1 MS, this contribution proposes the text changes related to the advanced network and R1 network for definition.

Suggested Remedy

.Adopt the proposed text in contribution IEEE 802.16-12-0189-00-01R0 or its latest revision

GroupResolutionDecision of Group: Principle

3.50 <delete>WirelessMAN-Advanced</delete>WirelessMAN-Advanced Air Interface Co-existing System: An ABS and/or AMS that also implements LZone functionality compliant with WirelessMAN-OFDMA TDD Release 1.

3.51 WirelessMAN-OFDMA R1 Reference System: A network compliant with the WirelessMAN-OFDMA capabilities as specified in WirelessMAN-OFDMA TDD Release 1.

<insert>

3.52 advanced network: An access network compliant with the WirelessMAN-Advanced Air Interface System.

3.53 R1 network: An access network compliant with the WirelessMAN-OFDMA R1 Reference System.

</insert>

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

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Yan-Xiu Zheng

Membership Status: Member

Date: 2012/03/06

Comment # 1103

Document under Review: IEEE 802.16.1/D4

Ballot ID: sb01R0

Comment      Type General      Part of Dis ☐ Satisfied ☐      Page 31      Line 7      Fig/Table#      Subclause 6.1.1

IEEE 802.16.1 specifies WirelessMAN-Advanced radio interface technology specification.

Suggested Remedy

Adopt proposed text in contribution 16-12-0176-00-01R0 or later version.

GroupResolution

Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Jisoo Park

Membership Status: Member

Date: 2012/03/07

Comment # 1104

Document under Review: P802.16.1/D4

Ballot ID: sb01R0

Comment      Type Technical      Part of Dis ☐ Satisfied ☐      Page 62      Line      Fig/Table# 28      Subclause 6.2.3.1

Text changes related to LBS support for satellite-based location determination in this contribution. To provide the report method of LBS measurement on satellite-based location service in idle mode without transition to connected mode, we recommend that AAI-RNG-REQ/AAI-RNG-RSP message be applied to send/receive LBS measurement information and its confirmation in the similar manner as SMS service for uplink, respectively.

Suggested Remedy

Adopt the proposed text in contribution IEEE 802.16-12-0191-00-01R0 or its latest revision.

GroupResolution

Decision of Group: Rejected

Reason for Group's Decision/Resolution

Proponent self-rejected.

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Jisoo Park

Membership Status: Member

Date: 2012/03/07

Comment # 1105

Document under Review: P802.16.1/D4

Ballot ID: sb01R0

Comment      Type Technical      Part of Dis ☐ Satisfied ☐      Page 386      Line 1      Fig/Table# 127      Subclause 6.2.9.4.1

The text changes related to MIMO information and resource allocation assignment so that the usage of pilot stream index can be fixed and consistently used over several sections as well as the section of UL GRA.

- MIMO Information of UL GRA
- Instruction of SI in GRA A-MAP IE for UL resource allocation

Suggested Remedy

Adopt the proposed text in contribution IEEE 802.16-12-0190-00-01R0 or its latest revision.

GroupResolution

Decision of Group: Principle

Adopt the proposed text in contribution IEEE 802.16-12-0190-01-01R0

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Jisoo Park

Membership Status: Member

Date: 2012/03/07

Comment # 1106

Document under Review: P802.16.1/D4

Ballot ID: sb01R0

Comment      Type Editorial      Part of Dis ☐ Satisfied ☐      Page 853      Line 6      Fig/Table#      Subclause 6.4

To cleanup the text related to WirelessMAN-OFDMA definition.

Suggested Remedy

[Remedy in line 6 on page 853 as following]

A Femto ABS is an ABS with low transmit power, typically installed by a subscriber in the home or SOHO to provide the access to closed or open group of users as configured by the subscriber and/or the access provider. A Femto ABS is typically connected to the service provider's network via one or multiple wired and/ or wireless broadband connection (cable, DSL, WirelessMAN-OFDMA R1 Reference systems, <delete>Advanced WirelessMAN-OFDMA</delete><insert>WirelessMAN-Advanced Air Interface</insert> systems, etc.)

GroupResolution

Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Yan-Xiu Zheng

Membership Status: Member

Date: 2012/03/06

Comment # 1107

Document under Review: IEEE 802.16.1/D4

Ballot ID: sb01R0

Comment      Type Technical      Part of Dis ☐ Satisfied ☐      Page 960      Line 12      Fig/Table#      Subclause A.2

The ASN.1 code has error. This should be dCRModeSupport.

Suggested Remedy

Adopt proposed text in contribution 16-12-0177-00-01R0 or later version.

GroupResolution

Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions



2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Yan-Xiu Zheng

Membership Status:

Date: 2012/03/13

Comment # 1108

Document under Review: IEEE P802.16.1/D4

Ballot ID: sb01R0

Comment      Type Technical      Part of Dis ☐ Satisfied ☐      Page 817      Line 57      Fig/Table#      Subclause 6.3.9.1.2.1

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

Distributed PUSC belongs to DLRU so that non-adaptive precoding shall be applied to DLRU in mixed mode. Non-adaptive precoding is applied based on matrix W that changes every N1PSC (72 subcarriers) contiguous physical subcarriers. When supporting FDM based UL PUSC zone, the number of used tone is not the multiple of N1PSC subcarriers, so we need to define how to apply the cycling pattern of matrix W in mixed mode. For simplicity, the non-adaptive precoding matrix W can be started from physical subcarrier index=0 in FDM based UL PUSC zone.

Suggested Remedy

Adopt the proposed text in contribution IEEE 802.16-12-0235-00-Gdoc or later version.

GroupResolution

Decision of Group: Principle

Adopt the proposed text in contribution IEEE 802.16-12-0235-01-Gdoc

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Yan-Xiu Zheng

Membership Status:

Date: 2012/03/13

Comment # 1109

Document under Review: IEEE P802.16.1/D4

Ballot ID: sb01R0

Comment      Type Technical      Part of Dis ☐ Satisfied ☐      Page 437      Line 35      Fig/Table#      Subclause 6.2.14.2.1.1

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

The number of ACID is insufficient in multicarrier case and the assocaited throughput descreases. In order to increase the throughput of multicarrier scenario, the number of ACID should be linearly increased with the number of multicarriers. Please see the detail in contribution IEEE 802.16-12-0237-00-Gdoc.

Suggested Remedy

Adopt the proposed text in contribution IEEE 802.16-12-0237-00-Gdoc or later version.

GroupResolution

Decision of Group: Principle

Adopt the proposed text in contribution IEEE 802.16-12-0237-01-Gdoc

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Yan-Xiu Zheng

Membership Status:

Date: 2012/03/13

Comment # 1110

Document under Review: IEEE P802.16.1/D4

Ballot ID: sb01R0

Comment      Type Technical      Part of Dis ☐ Satisfied ☐      Page 831      Line 42      Fig/Table#      Subclause 6.3.10.1.2

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

The lsize\_offset is incorrect for type-3 subframe. Please see the detail in contribution IEEE 802.16-12-0238-00-Gdoc.

Suggested Remedy

Adopt the proposed text in contribution IEEE 802.16-12-0238-00-Gdoc or later version.

GroupResolution

Decision of Group: Principle

Adopt the proposed text in contribution IEEE 802.16-12-0238-01-Gdoc

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Yan-Xiu Zheng

Membership Status:

Date: 2012/03/13

Comment # 1111

Document under Review: IEEE P802.16.1/D4

Ballot ID: sb01R0

Comment      Type Technical      Part of Dis ☐ Satisfied ☐      Page 141      Line 36      Fig/Table# 48      Subclause 6.2.3.21

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

ABS can decide a paging cycle with paging cycle field in AAI-DREG-RSP message. AMS can also request paging cycle to AMS with paging cycle request field in AAI-DREG-REQ message. However, the value of paging cycle field is not specified.

According to AMS's battery conservation policy, each AMS may want different paging cycle. If AMS requests paging cycle to ABS, the ABS will determine the paging cycle in AAI-DREG-RSP message based on AMS's request.

In order to receive AMS's request on paging cycle, it needs to define the value of paging cycle request field in AAI-DREG-REQ message.

Suggested Remedy

Adopt the proposed text in contribution IEEE 802.16-12-0239-00-Gdoc or later version.

GroupResolution

Decision of Group: Principle

Adopt the proposed text in contribution IEEE 802.16-12-0239-01-Gdoc

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Yan-Xiu Zheng

Membership Status:

Date: 2012/03/13

Comment # 1112

Document under Review: IEEE P802.16.1/D4

Ballot ID: sb01R0

Comment      Type Technical      Part of Dis ☐ Satisfied ☐      Page 62      Line 24      Fig/Table# 28      Subclause 6.2.3.1

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

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

Suggested Remedy

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

GroupResolution

Decision of Group: Principle

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

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Yan-Xiu Zheng

Membership Status:

Date: 2012/03/13

Comment # 1113

Document under Review: IEEE P802.16.1/D4

Ballot ID: sb01R0

Comment      Type Technical      Part of Dis ☐ Satisfied ☐      Page 70      Line 20      Fig/Table# 29      Subclause 6.2.3.2

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

In case of direct handover from 16e BS to 16m ABS, ARQ parameters need to be updated by DSC process. DSC transaction only for updating ARQ parameters in direct handover from 16e BS to 16m ABS increases latency in handover. In order to minimize the latency in handover procedures, ARQ parameters can be updated in AAI-RNG-RSP message.

Suggested Remedy

Adopt the proposed text in contribution IEEE 802.16-12-0241-00-Gdoc or later version.

GroupResolution

Decision of Group: Principle

Adopt the proposed text in contribution IEEE 802.16-12-0241-01-Gdoc

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Yan-Xiu Zheng

Membership Status:

Date: 2012/03/13

Comment # 1114

Document under Review: IEEE P802.16.1/D4

Ballot ID: sb01R0

Comment      Type Technical      Part of Dis ☐ Satisfied ☐      Page 658      Line 36      Fig/Table#      Subclause 6.3.5.5.2.4.6

UL Sounding Command A-MAP IE specifies parameters relevant to sounding transmission such as Sounding subband bitmap, Decimation offset or Cyclic time shift, periodicity, Antenna switching, and Power boosting. The AAI-subframe where sounding symbol is transmitted is decided by Uplink AAI subframes for sounding in S-SFH SP1. However, there is no specification about the frame where sounding symbol is transmitted.

Based on IEEE P802.16.1/D4, both sounding symbol and UL Sounding Command A-MAP IE are transmitted in the same frame. It will take at least four AAI-subframe to read UL Sounding Command A-MAP IE and assign corresponding sounding symbol.

Suggested Remedy

Adopt the proposed text in IEEE 802.16-12-0242-00-01R0 or later version.

GroupResolution

Decision of Group: Rejected

Reason for Group's Decision/Resolution

Suggested remedy is incomplete.

Group's Notes

Editor's Notes

Editor's Actions

Comment by:

Yan-Xiu Zheng

Membership Status:Date: 2012/03/13Comment # 1115Document under Review: IEEE P802.16.1/D4Ballot ID: sb01R0

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> 838	<u>Line</u> 34	<u>Fig/Table#</u>	<u>Subclause</u> 6.3.10.1.5.1
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Number of MIMO stream is defined in DL with respect to ABS RX/TX perspective, but number of MIMO stream in UL is defined with respect to AMS RX/TX perspective. Since the definition of MIMO stream is different between DL and UL, there can be ambiguity in calculation with MIMO stream. In the calculation of resource segmentation and constellation rearrangement, the value of KRS is affected by number of MIMO stream.

For clarification, number of MIMO stream need to be considered as AMS RX/TX perspective in both calculation of resource segmentation and constellation rearrangement.

Suggested Remedy

Adopt the proposed text in IEEE 802.16-12-0243-01-01R0 or later version.

GroupResolutionDecision of Group: Accepted

Adopt the proposed text in IEEE 802.16-12-0243-01-01R0.

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



2012/12/29

802.16-12-0204-02-Gdoc

Comment by:

Yan-Xiu Zheng

Membership Status:

Date: 2012/03/13

Comment # 1116

Document under Review: IEEE P802.16.1/D4

Ballot ID: sb01R0

Comment      Type Technical      Part of Dis ☐ Satisfied ☐      Page 327      Line 26      Fig/Table#      Subclause 6.2.5.3.1

Depending on S-SFH Network Configuration bit and AMSID privacy, AMS MAC address or AMSID hash value is used to identify AMS in cell. If S-SFH Network Configuration bit = 0b0 and AMSID privacy is enabled, AMSID hash value shall be used in network entry process. S-SFH Network configuration bit is decided by the type of ASN gate way, and AMSID privacy is decided based on AMSID privacy policy obtained by the AMS.

Since AMSID privacy policy is not provided in the air, ABS is unable to guarantee whether AMS has successfully applied the service provider's AMSID privacy policy.

To provide AMSID privacy policy to AMSs with more confidential way, it needs to provide the information on AMSID Privacy in broadcasting such as S-SFH SP2.

Suggested Remedy

Adopt the proposed text in IEEE 802.16-12-0244-00-01R0 or later version.

GroupResolution

Decision of Group: Principle

Adopt the proposed text in IEEE 802.16-12-0244-01-01R0

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions

Comment by: Yan-Xiu ZhengMembership Status:Date: 2012/03/13Comment # 1117Document under Review: IEEE P802.16.1/D4Ballot ID: sb01R0

<u>Comment</u>	<u>Type</u> Technical	<u>Part of Dis</u> <input type="checkbox"/>	<u>Satisfied</u> <input type="checkbox"/>	<u>Page</u> 64	<u>Line</u>	<u>Fig/Table#</u> 28	<u>Subclause</u> 6.2.3.1
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Initial Offset for uplink power control (OffsetInitial) is required to UL power control and calculated by AMS during initial ranging process. Initial Offset for uplink power control (OffsetInitial) is also required in handover case. Hence, it needs to be added in AAI-RNG-REQ message.

In coverage loss case, if AMS sends AAI-REG-REQ message with CRID without Previous STID, ABS will request context retrieve from paging controller. Since paging controller does not have context of AMS in active mode, paging controller sends failure indication to ABS. Then, AMS shall perform full reentry. If AMS perform full reentry from coverage loss, it will take long time to finish network reentry process. Hence, to reduce network reentry latency from coverage loss, AMSID or AMSID\*, MAC version and Initial Offset for uplink power control (OffsetInitial) are required in AAI-RNG-REQ message.

Suggested Remedy

Adopt the proposed text in IEEE 802.16-12-0258-01-01R0.

GroupResolutionDecision of Group: AcceptedReason for Group's Decision/ResolutionGroup's NotesEditor's NotesEditor's Actions

2012/12/29

802.16-12-0204-02-Gdoc

Comment by: Yan-Xiu Zheng

Membership Status:

Date: 2012/03/13

Comment # 1118

Document under Review: IEEE P802.16.1/D4

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Comment      Type Technical      Part of Dis ☐ Satisfied ☐      Page 212      Line      Fig/Table# 84      Subclause 6.2.3.47.1

To support ROHC, ROHC Max Context ID, Large Context IDs, ROHC MRRU, ROHC Profiles, ROHC Feedback Channel fields are required. However, ROHC Profiles, ROHC Feedback Channel fields are missed in AAI-DSA-REQ and AAI-DSC-REQ message.

Suggested Remedy

Adopt the proposed text in IEEE 802.16-12-0259-01-01R0

GroupResolution

Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

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2012/12/29

802.16-12-0204-02-Gdoc

Comment by: Yan-Xiu Zheng

Membership Status:

Date: 2012/03/13

Comment # 1119

Document under Review: IEEE P802.16.1/D4

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Comment      Type Technical      Part of Dis ☐ Satisfied ☐      Page 37      Line      Fig/Table# 6      Subclause 6.2.2.1.3

Since there is no specification on unsolicited grant service (UGS) in 16m standard, it means that UGS in 16m shall follow 16e standardization. In 16e standard, piggyback bandwidth request on UGS is provided by the grant management subheader. To support this operation, grant management extended header is also required in 16m.

Suggested Remedy

Adopt the proposed text in IEEE 802.16-12-0257-02-01R0.

GroupResolution

Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Actions