Comment by: SAYOGO, BARTIEN **Membership Status:** **Date:** 12/18/2006

Comment # 1 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

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

Add in the title:
- Amandment g

Suggested Remedy

GroupResolution **Decision of Group:** **Principle**

On title page and within document, change title to:

Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems[[BEGIN DELETE] -[END DELETE] [CR LF] [BEGIN INSERT]Amendment 3: [END INSERT]Management Plane Procedures and Services

Reason for Group's Decision/Resolution

IEEE 802 convention is to publish Amendments with sequential numbering (see publication of 802.16f-2005 & 802.16e-2005). 802.1g will likely be the 3rd Amendment to 802.16-2004 baseline. IEEE Editor will assign the appropriate Amendment number at time of publication.

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Same change also applied to page 1 (after List of Figures), for consistency.

Comment by: JOHNSTON, DAVID **Membership Status:** **Date:** 01/06/2007

Comment # 2 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 9 **Line** 38 **Fig/Table#** **Subclause** 5.3

This line indicates that multiple protocols can be carried over a single 802.16 connection and states that a protocol type of 'multiprotocol' is used to indicate this. However the ethertype encoding of GPCS_PROTOCOL_TYPE does not encode a value for 'multiprotocol'. The ethertype is a value defined for use by the 802.2 LLC which is itself a protocol multiplexing mechanism and so does not include a protocol multiplexing entry for a higher layer. Instead it defines codes for the single protocols that the LLC multiplexes. In the absense of an LLC, the ethertype is inadequate to instanciate a protocol multiplexing entity.

Suggested Remedy

Adopt the changes proposed in C802.16g-07/001. This changes GPCS_PROTOCOL_TYPE to be able to encode for an upper layer protocol that may include an LLC for protocol multiplexing. It also dismbiguates the GPCS architecture with respect to the relationship between single or multiple instances of GPCS and the connections they use.

GroupResolution **Decision of Group:** **Principle**

Adopt the changes proposed in C802.16g-07/001r1

Reason for Group's Decision/Resolution

Group's Notes

Accepted without objection

Editor's Notes **Editor's Actions** b) none needed

Already included in remedy of comment#4, record#21.

Comment by: JOHNSTON, DAVID **Membership Status:** **Date:** 01/06/2007

Comment # 3 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 25 **Line** 57 **Fig/Table#** **Subclause** 11.13.19.5.1

The definition of the GPCS_PROTOCOL _TYPE TLV means that when a GPCS connection is being set up, it is mandatory that one and only one ethertype be specified as the protocol type carried over GPCS. This is contrary to the intent described in 5.3 that GPCS can multiplex multiple protocols over one connection.

Suggested Remedy

Adopt the changes proposed in C802.16g-07/001. This changes GPCS_PROTOCOL_TYPE to be able to encode for an upper layer protocol that may include an LLC for protocol multiplexing. It also dismbiguates the GPCS architecture with respect to the relationship between single or multiple instances of GPCS and the connections they use.

GroupResolution **Decision of Group:** **Principle**

Adopt the changes proposed in C802.16g-07/001r1

Reason for Group's Decision/Resolution

Group's Notes

Accpeted without objection

Editor's Notes **Editor's Actions** b) none needed

Already implemented by comment #4 (record 21 here when page-sorted)

Comment by: JOHNSTON, DAVID **Membership Status:** **Date:** 01/06/2007

Comment # 4 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 10 **Line** 40 **Fig/Table#** **Subclause** 5.3.1

The GPCS SAP includes an SFID and an MS MAC address. This implies that potentially a single GPCS SAP services all or some of the MSs at a BS. Alternatively there might be one SAP per MS (as is implicity required with the other 802 CS types) and so the MSID field in the primitive at the SAP is static. Alternatively it might be a hybrid of these cases. The specification fails to describe this critical architectural point, so we are left guessing. Furthermore, the job of adapting this sap to upper layers is left out of this standard. This is OK where a propritary implementation at both ends implements the same layering and adaption, but not in an interoperable standard, and not when the upper layer is itself defined by 802 (E.G. 802.1D bridge ports) so there is no intevening adaption layer defined.

Suggested Remedy

Adopt the changes proposed in C802.16g-07/001. This changes GPCS_PROTOCOL_TYPE to be able to encode for an upper layer protocol that may include an LLC for protocol multiplexing. It also dismbiguates the GPCS architecture with respect to the relationship between single or multiple instances of GPCS and the connections they use.

GroupResolution **Decision of Group:** **Principle**

Adopt the changes proposed in C802.16g-07/001r1

Reason for Group's Decision/Resolution

Group's Notes

Accepted without objection

Editor's Notes **Editor's Actions** a) done

Comment by: CHOU, JOEY **Membership Status:** **Date:** 01/11/2007

Comment # 5 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** General **Part of Dis** ☐ **Satisfied** ☐ **Page** 16 **Line** 17 **Fig/Table#** **Subclause** 6.3.26.1

Remove the double quote before D-TDOA

Suggested Remedy

Remove the double quote before D-TDOA

GroupResolution **Decision of Group:** Agree

Remove the double quote before D-TDOA

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: CHOU, JOEY **Membership Status:** **Date:** 01/11/2007

Comment # 6 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** General **Part of Dis** ☐ **Satisfied** ☐ **Page** 16 **Line** 24 **Fig/Table#** **Subclause** 6.3.26.1

Remove the double quote before U-TDOA

Suggested Remedy

Remove the double quote before U-TDOA

GroupResolution **Decision of Group:** Agree

Remove the double quote before U-TDOA

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: CHOU, JOEY **Membership Status:** **Date:** 01/11/2007

Comment # 7 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** General **Part of Dis** ☐ **Satisfied** ☐ **Page** 33 **Line** 14 **Fig/Table#** **Subclause** 14.1.2.1

Make Action_type into bullet list

Suggested Remedy

Make Action_type into bullet list

GroupResolution **Decision of Group:** Agree

Make Action_type into bullet list

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: CHOU, JOEY **Membership Status:** **Date:** 01/11/2007

Comment # 8 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** General **Part of Dis** ☐ **Satisfied** ☐ **Page** 34 **Line** 24 **Fig/Table#** **Subclause** 14.1.2.2

Make Event_type into bullet list

Suggested Remedy

Make Event_type into bullet list

GroupResolution **Decision of Group:** **Agree**

Make Event_type into bullet list

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: CHOU, JOEY **Membership Status:** **Date:** 01/11/2007

Comment # 9 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** General **Part of Dis** ☐ **Satisfied** ☐ **Page** 37 **Line** 1 **Fig/Table#** **Subclause** 14.2.1.2

Accounting management is not consistent with AM guideline in WiMAX

Suggested Remedy

Adopt C80216g-07_007.doc

GroupResolution **Decision of Group:** **Principle**

Accept contribution C802.16g-07/007r2

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: CHOU, JOEY **Membership Status:** **Date:** 01/11/2007

Comment # 10 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** General **Part of Dis** ☐ **Satisfied** ☐ **Page** 43 **Line** 12 **Fig/Table#** **Subclause** 14.2.2.1.1

Description in the Table 450 are the same as the event type.

Suggested Remedy

Either remove Table 450

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

Rather than deleting the table, a better remedy would be for the commenter and/or Members to provide better descriptions for inclusion in the Table.

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: CHOU, JOEY **Membership Status:** **Date:** 01/11/2007

Comment # 11 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** General **Part of Dis** ☐ **Satisfied** ☐ **Page** 68 **Line** 18 **Fig/Table#** **Subclause** 14.2.4.2.4

Description in the Table is the same as the event type.

Suggested Remedy

Either remove the Table

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

Rather than deleting the table, a better remedy would be for the commenter and/or Members to provide better descriptions for inclusion in the Table.

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: CHOU, JOEY **Membership Status:** **Date:** 01/11/2007

Comment # 12 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** General **Part of Dis** ☐ **Satisfied** ☐ **Page** 70 **Line** 13 **Fig/Table#** **Subclause** 14.2.4.3.1

Description in the Table is the same as the event type.

Suggested Remedy

Either remove the Table

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

Rather than deleting the table, a better remedy would be for the commenter and/or Members to provide better descriptions for inclusion in the Table.

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: CHOU, JOEY **Membership Status:** **Date:** 01/11/2007

Comment # 13 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** General **Part of Dis** ☐ **Satisfied** ☐ **Page** 71 **Line** 35 **Fig/Table#** **Subclause** 14.2.4.3.2

Description in the Table is the same as the event type.

Suggested Remedy

Either remove the Table

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

Rather than deleting the table, a better remedy would be for the commenter and/or Members to provide better descriptions for inclusion in the Table.

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: CHOU, JOEY **Membership Status:** **Date:** 01/11/2007

Comment # 14 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** General **Part of Dis** ☐ **Satisfied** ☐ **Page** 43 **Line** 27 **Fig/Table#** **Subclause** 14.2.2.1.1

Use subclauses as 14.2.5.2.3 C-HO-IND to describe each functions

Suggested Remedy

Use subclauses as 14.2.5.2.3 C-HO-IND to describe each functions

GroupResolution **Decision of Group:** **Principle**

Editor to re-organize section 14.2.2.1.1 by event type in a manner consistent with section 14.2.5.2.3

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: CHOU, JOEY **Membership Status:** **Date:** 01/11/2007

Comment # 15 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** General **Part of Dis** ☐ **Satisfied** ☐ **Page** 35 **Line** 37 **Fig/Table#** **Subclause** 14.2

"When generated" and "Effect o dreceipt" paragraphs use a lot space, but do not add any significant values. Subclause 14.2.6.1 has no "When generated" and "Effect o dreceipt"

Suggested Remedy

Remove "When generated" and "Effect o dreceipt" paragraphs. Some information in these paragraphs if necessary can be moved to Function description

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

The existing format complies with the ITU and ISO format, and the group is comfortable with this form.

The commenter does not provide specific text for relocation of the material.

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: CHOU, JOEY **Membership Status:** **Date:** 01/11/2007

Comment # 16 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** General **Part of Dis** ☐ **Satisfied** ☐ **Page** 92 **Line** 53 **Fig/Table#** **Subclause** 14.2.6.1

There is no description of RRAand RRC

Suggested Remedy

Describe RRA and RRC

GroupResolution **Decision of Group:** Disagree

Reason for Group's Decision/Resolution

Comment withdrawn by the commenter

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: CHOU, JOEY **Membership Status:** **Date:** 01/11/2007

Comment # 17 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** General **Part of Dis** ☐ **Satisfied** ☐ **Page** 103 **Line** 27 **Fig/Table#** **Subclause** 14.2.7.1.1.1

"MS side" and "BS side" are confusing.

Suggested Remedy

Change it to "NCMS --> MS", or "NCMS --> BS"

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

Changing the titles is inadequate. Needs re-write of the section.
Lack of specific text for remedy.

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: CHOU, JOEY **Membership Status:** **Date:** 01/11/2007

Comment # 18 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** General **Part of Dis** ☐ **Satisfied** ☐ **Page** 123 **Line** 1 **Fig/Table#** **Subclause** 14.2.8.2.1

Result code is not defined in all sunclauses in 14.2.8.2

Suggested Remedy

Define Result codes

GroupResolution **Decision of Group:** **Principle**

Change all of the primitive definitions to be 'M-MTM-RSP', not 'M-MTM-REQ' in 14.2.8.2

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: CAVALLI, GIULIO **Membership Status:** **Date:** 01/12/2007

Comment # 19 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 50 **Line** 28 **Fig/Table#** **Subclause** 14.2.2.3

The procedure shown here is error-prone since SBS cannot be sure that MOB_HO-IND is successfully received before the MS leaves the SBS. The SBS should start Context Transfer already when requesting the MS to do the HO.

Suggested Remedy

Replace the arrow "MOB_HO-IND" by an arrow going in the opposite direction, labelled "MOB_BSHO-REQ/RSP"

GroupResolution **Decision of Group:** **Principle**

Convert all instances of MOB_HO-IND and C-HO-IND to dashed line arrows in Figures 475 & 476

Reason for Group's Decision/Resolution

Converting to dashed lines in the figure preserves the default, or common case presentation of the flows while still preserving the trigger independence of the security transfer events.

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 20 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

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

The List of Figures on page xiii contains duplicate entries.

Suggested Remedy

Remove the outdated part of the list.

GroupResolution **Decision of Group:** **Principle**

Delete from page xiii, line 4 through page xiv, line 27

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 21 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 10 **Line** 48 **Fig/Table#** **Subclause** 5.3.1

Reference 5.2.8.2 should be 5.3.2

Suggested Remedy

Correct it

GroupResolution **Decision of Group:** Agree

Correct it

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 22 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 10 **Line** 48 **Fig/Table#** **Subclause** 5.3.1

Reference 5.2.8.3 should be 5.3.3

Suggested Remedy

Correct it

GroupResolution **Decision of Group:** Agree

Correct it

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 23 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 11 **Line** 11 **Fig/Table#** **Subclause** 5.3.2

This primitive defines the transfer of data from the upper-layer, GPCS application, to the GPCS. (not the GPCS SAP)

Suggested Remedy

Remove "SAP".

GroupResolution **Decision of Group:** Agree

Remove "SAP".

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

Was included in comment#1010, record#25 already.

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 24 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 11 **Line** 28 **Fig/Table#** **Subclause** 5.3.2

Reference 5.2.8.1 should be 5.3.1

Suggested Remedy

Correct it

GroupResolution **Decision of Group:** Agree

Correct it

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Became 5.3.3 now.

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 25 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 12 **Line** 1 **Fig/Table#** **Subclause** 5.3.3

Reference 5.2.8.1 should be 5.3.1

Suggested Remedy

Correct it

GroupResolution **Decision of Group:** Agree

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

2007/07/27 IEEE 802.16-07/002r5

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 26 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 16 **Line** 25 **Fig/Table#** **Subclause** 6.3.26.1

Reference Annex I should be Annex G

Suggested Remedy

Correct it

GroupResolution **Decision of Group:** Agree

Correct it

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 27 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 28 **Line** 17 **Fig/Table#** **Subclause** 11.2

Type value is currently "??"

Suggested Remedy

Assign a value.

GroupResolution **Decision of Group:** **Principle**

Reason for Group's Decision/Resolution

see resolution of comment 52

Group's Notes

Accpeted without objection

Editor's Notes **Editor's Actions** b) none needed

Same as comment#1027. - Section 11.20 will be deleted.

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 28 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 31 **Line** 26 **Fig/Table#** **Subclause** 14.1.1

There are no definitions for PM primitives

Suggested Remedy

Remove "PM - Performance Management"

GroupResolution **Decision of Group:** **Agree**

Remove "PM - Performance Management"

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** b) none needed

Same as comment#59, already implemented.

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 29 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 31 **Line** 28 **Fig/Table#** **Subclause** 14.1.1

There are no definitions for ALM primitives

Suggested Remedy

Remove "ALM - Alarm Management"

GroupResolution **Decision of Group:** **Agree**

Remove "ALM - Alarm Management"

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** b) none needed

Same as comment#59, already implemented.

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 30 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 35 **Line** 54 **Fig/Table#** **Subclause** 14.2.1.1

This paragraph mention a M-ACM-ACK primitive, however 14.1.1 specifies that ACK shall only be supported across the C-SAP. (Not the M-SAP)

Suggested Remedy

Remove "M-ACM-ACK, "

GroupResolution **Decision of Group:** **Agree**

Remove "M-ACM-ACK, "

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 31 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 36 **Line** 4 **Fig/Table#** **Subclause** 14.2.1.1

Figure 471 shows a M-ACM-ACK primitive, however 14.1.1 specifies that ACK shall only be supported across the C-SAP. (Not the M-SAP)

Suggested Remedy

Remove M-ACM-ACK from Figure 471

GroupResolution **Decision of Group:** **Agree**

Remove M-ACM-ACK from Figure 471

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Already done based on Cmt#30, 1041, 1042:

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 32 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 41 **Line** 1 **Fig/Table#** **Subclause** 14.2.1.2.4

This subclause defines a M-ACM-ACK primitive, however 14.1.1 specifies that ACK shall only be supported across the C-SAP. (Not the M-SAP)

Suggested Remedy

Remove subclause 14.2.1.2.4

GroupResolution **Decision of Group:** **Agree**

Remove subclause 14.2.1.2.4

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Done already, based on another comment.

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 33 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 61 **Line** 38 **Fig/Table#** **Subclause** 14.2.4.2

The text "(NCMS side)" in the caption of Figure 483 is confusing. At the BS side, the NCMS is indeed the initiator, however at the MS side the primitive is sent TO the NCMS.

Suggested Remedy

Replace "(NCMS side)" by "(BS initiated)".

GroupResolution **Decision of Group:** **Principle**

Modify the title of Figure 483 from:
"Idle mode initiation (NCMS side)"
to:
"Idle mode initiation (NCMS on the BS side)

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 34 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 65 **Line** 5 **Fig/Table#** **Subclause** 14.2.4.2.1

"Idle_Mode_Initialization" should be "Idle_Mode_Initiation"

Suggested Remedy

Correct it

GroupResolution **Decision of Group:** **Principle**

Change text from:
"Idle_Mode_Initialization"
to:
"Idle_Mode_Initiation"

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 35 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 65 **Line** 35 **Fig/Table#** **Subclause** 14.2.4.2.2

"Idle_Mode_Initialization" should be "Idle_Mode_Initiation"

Suggested Remedy

Correct it

GroupResolution **Decision of Group:** **Principle**

Change text from:
"Idle_Mode_Initialization"
to:
"Idle_Mode_Initiation"

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 36 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 67 **Line** 1 **Fig/Table#** **Subclause** 14.2.4.2.2

"Idle_Mode_Initialization" should be "Idle_Mode_Initiation"

Suggested Remedy

Correct it

GroupResolution **Decision of Group:** **Principle**

Change text from:
"Idle_Mode_Initialization"
to:
"Idle_Mode_Initiation"

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 37 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 75 **Line** 35 **Fig/Table#** **Subclause** 14.2.5.2

The notification primitives in Figure 488 do not use the naming schema defined in 14.1.1.

Suggested Remedy

Replace 3 occurrences of "C-HO-NOTFY" by "C-HO-IND"

GroupResolution **Decision of Group:** **Agree**

Replace 3 occurrences of "C-HO-NOTFY" by "C-HO-IND"

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 38 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 117 **Line** 24 **Fig/Table#** **Subclause** 14.2.8

The caption of Figure 501 does not use the function abbreviation defined in 14.1.1.

Suggested Remedy

Replace "M-TM" by "M-MTM"

GroupResolution **Decision of Group:** Agree

Replace "M-TM" by "M-MTM"

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 39 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 117 **Line** 54 **Fig/Table#** **Subclause** 14.2.8

The caption of Figure 502 does not use the function abbreviation defined in 14.1.1.

Suggested Remedy

Replace "M-TM" by "M-MTM"

GroupResolution **Decision of Group:** Agree

Replace "M-TM" by "M-MTM"

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 40 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 118 **Line** 25 **Fig/Table#** **Subclause** 14.2.8

The caption of Figure 503 does not use the function abbreviation defined in 14.1.1.

Suggested Remedy

Replace "M-TM" by "M-MTM"

GroupResolution **Decision of Group:** Agree

Replace "M-TM" by "M-MTM"

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** b) none needed

Done already.

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 41 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 119 **Line** 30 **Fig/Table#** **Subclause** 14.2.8

The caption of Figure 505 does not use the function abbreviation defined in 14.1.1.

Suggested Remedy

Replace "M-TM" by "M-MTM"

GroupResolution **Decision of Group:** Agree

Replace "M-TM" by "M-MTM"

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** b) none needed

Done already.

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 42 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 127 **Line** 27 **Fig/Table#** **Subclause** 14.2.9

The first sentence decribes that the SFM primitives are "a set of primitives for supporting QoS management between the BS and the NCMS (access network)". However the rest of the subclause applies to both the BS and the MS side.

Suggested Remedy

Replace "BS and NCMS (access network)" by "802.16 entity and NCMS". Alternatively, remove " between the BS and the NCMS (access network)".

GroupResolution **Decision of Group:** **Principle**

On page 127, line 27, change text from:
"The Service Flow Management Primitives are a set of primitives for supporting QoS management between BS and NCMS (access network)."
to:
"The Service Flow Management Primitives are a set of primitives for supporting QoS management between SS or BS and the Service Flow Management Service on the NCMS."

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 43 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 128 **Line** 5 **Fig/Table#** **Subclause** 14.2.9

The DSA messages in Figure 506 only apply to the "Create" case. For the "Set" case, these messages are DSC messages.

Suggested Remedy

Replace "DSA-REQ" by "DSA-REQ/DSC-REQ" and replace "DSA-RSP" by "DSA-RSP/DSC-RSP" and replace "DSA-ACK" by "DSA-ACK/DSC-ACK".

GroupResolution **Decision of Group:** **Principle**

In Figure 506, page 128, line 11-26:
Replace "DSA-REQ" by "DSA-REQ/DSC-REQ" and replace "DSA-RSP" by "DSA-RSP/DSC-RSP" and replace "DSA-ACK" by "DSA-ACK/DSC-ACK".

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 44 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 128 **Line** 37 **Fig/Table#** **Subclause** 14.2.9

The DSA messages in Figure 506 only apply to the "Create" case. For the "Set" case, these messages are DSC messages.

Suggested Remedy

Replace "DSA-REQ" by "DSA-REQ/DSC-REQ" and replace "DSA-RSP" by "DSA-RSP/DSC-RSP" and replace "DSA-ACK" by "DSA-ACK/DSC-ACK".

GroupResolution **Decision of Group:** **Principle**

In Figure 507, page 128, line 44-57:
Replace "DSA-REQ" by "DSA-REQ/DSC-REQ" and replace "DSA-RSP" by "DSA-RSP/DSC-RSP" and replace "DSA-ACK" by "DSA-ACK/DSC-ACK".

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 45 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 137 **Line** 1 **Fig/Table#** **Subclause** 14.2.9.2.3

"DSF" is not a valid request name.

Suggested Remedy

Replace "DSF" by "C-SFM-REQ(Delete)"

GroupResolution **Decision of Group:** Agree

Replace "DSF" by "C-SFM-REQ(Delete)"

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 46 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 137 **Line** 1 **Fig/Table#** **Subclause** 14.2.9.2.3

The QoS parameter information is not needed in this attribute, because the "C-SFM-REQ(Delete) does not include any QoS attributes.

Suggested Remedy

Remove " and every specific failed QoS parameter".

GroupResolution **Decision of Group:** **Agree**

Remove " and every specific failed QoS parameter".

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 47 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 135 **Line** 11 **Fig/Table#** **Subclause** 14.2.9.2.1

The description of the "Service flow error parameter information" is missing.

Suggested Remedy

Add it.

GroupResolution **Decision of Group:** **Principle**

Copy the 'Service Flow error parameter information' from page 136, line 12 to page 135 after line 10

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Was already there, just font changed.

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 48 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 141 **Line** 38 **Fig/Table#** **Subclause** 14.2.10.3.1

"C-MBS-NOTIFY" should be "C-MBS-IND"

Suggested Remedy

Correct it

GroupResolution **Decision of Group:** **Principle**

Change from:
"C-MBS-NOTIFY"
to:
"C-MBS-IND"

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 49 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 141 **Line** 43 **Fig/Table#** **Subclause** 14.2.10.3.1

"C-MBS-NOTIFY" should be "C-MBS-IND"

Suggested Remedy

Correct it

GroupResolution **Decision of Group:** **Principle**

Change from:
"C-MBS-NOTIFY"
to:
"C-MBS-IND"

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 50 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 144 **Line** 23 **Fig/Table#** **Subclause** 14.2.10.3.2.1

"entites" should be "entity"

Suggested Remedy

Correct it

GroupResolution **Decision of Group:** **Principle**

Change from:
"entites"
to:
"entity"

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: VAN LEEUWEN, RICHARD M **Membership Status:** **Date:** 01/12/2007

Comment # 51 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 151 **Line** 7 **Fig/Table#** **Subclause**

The primitives in Figure F1..F6 do not use the naming schema defined in 14.1.1.

Suggested Remedy

Correct it

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

No specific text provided.

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: KIM, YONGHO **Membership Status:** **Date:** 01/12/2007

Comment # 52 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 15 **Line** 51 **Fig/Table#** **Subclause** 6.3.25

In order to support inter technology handover, 802.21 information retrieval shall be supported during network entry.

Suggested Remedy

Please discuss and adopt the contribution, C80216g-07_020.

GroupResolution **Decision of Group:** **Principle**

adopt the contribution C802.16g-07/020r4.

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

1) The contribution requested renumbering of 11.7.26 (MIH Cap. TLV) to 11.8.9. However 11.8.9 exists already (SIQ TLV). So Editor renumbered it to 11.8.10.
2) In 11.8.10, Editor changed the sentence “In REQ-RSP transmitted from BS,” to “In SBC-RSP transmitted from BS,”, because it was an error, obviously: Must be consistent with the change applied in the Scope column.
3) Table 37v: Header corrected to “MIH Comeback Response attributes” since “MIH Initial Response attributes” is obviously a copy&paste error.
4) Remedy 4 unclear: Did it address section 11.20 or a new section 11.1.8? Moreover, 11.1.8 is already used up. So Editor incorporated the remedy by deleting 11.20 and replacing it by new sections 11.1.9.x.
5) Type of “Query ID” TLV changed to 146 since 145 is already used by “Delivery Method and Status Code” TLV.
6) Remedy 5, change of table “parameters and constants”: The contribution states incorrect section heading 11.4.1 and incorrect table number 343. – Editor identified that table as number 342 in section 10.1, so the new entries have been added in section 10.1.
7) The table in 11.4.1 refers to “MIH function frame TLV (11.20.1)”. But that section or TLV doesn’t exist!
8) The text to be added refers to sections 11.20.1 and 11.20.2 several times, but such sections are non-existent. Editor will change references to 11.1.8.x probably which seems to be the correct reference.

Comment by: GIESBERTS, PIETER-PAUL **Membership Status:** **Date:** 01/12/2007

Comment # 53 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 14 **Line** 34 **Fig/Table#** **Subclause** 6.3.2.3.63

The current NSP request/response mechanism is unnecessary complex, badly documented (no 6.x section describes the behavior), not negotiated (there are no capability bits that indicate whether or not a BS or MS supports these messages) and it may generate unnecessary (partial) network entries by MS' looking for a network. NSP TLVs should be communicated through DCD messages, rather than through the SII-ADV and SBC-REQ/RSP messages. That is much simpler for both the MS and the BS, it is more in line with the current network entry procedures and it is more flexible as it makes it possible for a BS to inform an MS of its' neighbours NSPs (through the MOB_NBR-ADV and the DCD settings TLV).

Suggested Remedy

Remove 6.3.2.3.63 (SII-ADV message, page 14), 11.1.8.2 (NSP Change Count TLV, page 21) and 11.8.9 (SIQ TLV, page 23) and change the scope of the NSP List TLV (11.1.8.1) to DCD only; change the section number of 11.1.8.1. to 11.4.3 and remove 11.1.8. In Section 11.1.8.1 remove the line "When an SBC-REQ message with an SIQ TLV (with bit 1 set) is received, the BS should respond with an SBC-RSP message with an NSP List TLV.". Optionally add the following note to that section: "In case NSP TLV is not present in DCD, the only NSPID that is available is equal to the NAPID (Operator ID)".

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

The commenter may be correct that the proposed remedy may reduce overhead and be more efficient, but it is unclear at this time. The group would prefer to see additional validation/simulation justifying the proposed method, especially demonstrating improved efficiency over the current solution, prior to approving the revised method. Additionally, the group proposes a revised remedy, should the commenter's proposal be proven:

Remove 6.3.2.3.63 (SII-ADV message, page 14)

Remove 11.1.8.2 (NSP Change Count TLV, page 21)

Remove 11.8.9 (SIQ TLV, page 23)

In the table in 11.1.8.1, change the scope of NSP List TLV (11.1.8.1) to DCD only

In the table in 11.1.8.1, add "Assignment method, administration, and usage of NSP Ids are outside the scope of this standard." to the end of the paragraph in for 'value'

Move the content of the table in section number of 11.1.8.1 to insert into Table 358

At the end of 6.3.2.3.2, add text:
"If the BS has a list of NSP IDs to transmit, it shall include the NSP List TLV in the DCD. If the BS has no list of NSP IDs to transmit, NSP List TLV shall be omitted."

Remove 11.1.8

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

2007/07/27 **IEEE 802.16-07/002r5**

Comment by: GIESBERTS, PIETER-PAUL **Membership Status:** **Date:** 01/12/2007

Comment # **54** **Document under Review:** **P802.16g/D6** **Ballot ID:** **P802.16g/D6**

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 15 **Line** 1 **Fig/Table#** **Subclause** 6.3.2.3.64

The proposed Location Based Services message is unnecessary and a needless complication: it requires the BS to transmit yet another message with its own and neighbours' information. There is no reason why the only currently proposed TLV couldn't be included in the DCD instead - the DCD and MOB_NBR-ADV messages can in that case transfer all required information and this message can be removed.

Suggested Remedy

Remove section 6.3.2.3.64 (LBS-ADV message) and change the scope of the BS Coordinate Broadcast (11.21) to DCD; change its section number to 11.4.4.

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

It is unecessary and incurs substantial overhead penalty to transmit the LBS info with the same frequency as DCD. LBS can be transmitted at much longer intervals. Transmitting LBS in a separate broadcast message is the only other reasonable option. It may be that we could engineer a way to put it into NBR-ADV instead of creating an all new broadcast MAC management message, but that has not been proposed, and we are concerned about backwards compatiblity of message parsing.

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: GIESBERTS, PIETER-PAUL **Membership Status:** **Date:** 01/12/2007

Comment # 55 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 15 **Line** 51 **Fig/Table#** **Subclause** 6.3.25

Section 6.3.25 currently does not contain any normative text and seems to be pretty much useless. Either extend the section or remove it altogether.

Suggested Remedy

Remove Section 6.3.25 (page 15)

GroupResolution **Decision of Group:** **Principle**

Replace the text of 6.3.25 as:
MIH handover function is the support of IEEE Std 802.21 specific features and functions.

The 802.16 entity may send or receive the MOB_MIH-MSG message to or from the peer 802.16 entity in order to convey MIHF Frames carrying the 802.21 MIH protocol messages.

In 6.3.2.3.62, modify the text before the table as:
[BEGIN DELETE]~~The 802.16 entity may send or receive the MOB_MIH-MSG message to or from the peer 802.16 entity in order to convey MIHF Frames carrying the 802.21 MIH protocol messages. The~~[END DELETE][BEGIN INSERT]This[END INSERT] message shall be transmitted on the Primary Management connection.

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

This remedy to section 6.3.25 had to be combined with the one proposed in comment#52 (record#46).

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 56 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

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

Align section header to that of the base standard since 16g must fit to the outline of the base standard.

Suggested Remedy

Change "1. Introduction" to "1. Overview" as in 802.16-2004, 802.16e and 802.16f.

GroupResolution **Decision of Group:** **Agree**

Change "1. Introduction" to "1. Overview" as in 802.16-2004, 802.16e and 802.16f.

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 57 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 2 **Line** 22 **Fig/Table#** **Subclause** 1.3

Mismatch with section numbers of baseline Spec. (Same error has been made with 802.16f.)

Suggested Remedy

Change "1.3 Reference model" to "1.4 Reference Model" as in 802.16-2004 and 16e.

GroupResolution **Decision of Group:** **Agree**

Change "1.3 Reference model" to "1.4 Reference Model" as in 802.16-2004 and 16e.

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 58 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☒ **Satisfied** ☐ **Page** 10 **Line** **Fig/Table#** **Subclause**

Copyright statements in footer missing on pages 10, 12, 14, 16

Suggested Remedy

Add copyright statements consistently

GroupResolution **Decision of Group:** **Agree**

Add copyright statements consistently

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Updated to 2007 on Body Pages in “Variables”, and on Master Pages in all footers, in total about 30 places.

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 59 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☒ **Satisfied** ☐ **Page** 31 **Line** 26 **Fig/Table#** **Subclause** 14.1.1

"PM" and "ALM" are obsolete.

Suggested Remedy

Delete line 26 "PM - Performance Management" and line 28 "ALM - Alarm Management". Sort the list alphabetically.

GroupResolution **Decision of Group:** **Agree**

Delete line 26 "PM - Performance Management" and line 28 "ALM - Alarm Management". Sort the list alphabetically.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 60 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 31 **Line** 44 **Fig/Table#** **Subclause** 14.1.1

According the SAP model (see e.g. IEEE 802.2 section 2.1), there are four generic service primitive types: Request (REQ), Response (RSP), Indication (IND) and Confirm (CFM) which play a specific role that should be introduced here.

Suggested Remedy

(1) Change lines 44-47 to read: REQ - Used by NCMS to request a service from 802.16 Entity. RSP - Response primitive which is passed from NCMS to the 802.16 Entity to complete a procedure previously invoked by an indication primitive. IND - The indication primitive is passed from the 802.16 Entity to the NCMS to indicate an event that is significant to the NCMS. This event may be related to a remote (over the air) service request, or may be caused by an event internal to the 802.16 Entity. CFM - The confirm primitive is passed from the 802.16 Entity to the NCMS to convey the results of previous service request(s). (2) Replace the "Operation" tags (REQ, RSP, IND, ACK) of the C-SAP and M-SAP primitives thoughout sections 14.2.x by new tags (REQ, RSP, IND, CFM) such that the four primitive types are used in the standard conformant way.

GroupResolution **Decision of Group:** **Principle**

Reason for Group's Decision/Resolution

see resolution of comment 62

Group's Notes

Accpeted without objection

Editor's Notes **Editor's Actions** b) none needed

Covered by comment#62 which shows the agreed usage of primitives.

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 61 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 31 **Line** 50 **Fig/Table#** **Subclause** 14.1.1

The symmetric use of primitives in 802.16g is wrong. Service Primitives are by definition not symmetric: They run between an N-user (service user, or higher layer) and an N-layer (service provider, or lower layer), see e.g. IEEE 802.2 (LLC protocol), section 2.1. Request and Response can only go from the higher layer to the lower layer while Indication and Confirm go from lower to higher layer.

Suggested Remedy

Change lines 50-52 to read: "These primitives are applied at SS/MS side and at BS side of the radio interface. On both sides, they are used between the 802.16 entity and the respective NCMS, as visualized in Fig. 1b, where NCMS is the "higher layer" for the 802.16 entity which is the lower layer. According the layering model, REQ and RSP primitives are sent downwards from NCMS to 802.16 entity while IND and CFM are sent upwards from the 802.16 Entity to NCMS.

GroupResolution **Decision of Group:** **Principle**

Reason for Group's Decision/Resolution

see resolution of comment 62

Group's Notes

Accpeted without objection

Editor's Notes **Editor's Actions** b) none needed

Covered by comment#62 which shows the agreed usage of primitives.

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 62 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 35 **Line** 6 **Fig/Table#** **Subclause** 14.1.3

Figure 470 contradicts the standardized use of primitive types, and it does not show the relation of MS and BS side primitives.

Suggested Remedy

Replace figure 470 by another one which shows four entities: NCMS(MS), 802.16 Entity (MS), 802.16 Entity (BS), and NCMS (BS), and which shows the following sequence charts: 1) An MS initiated action similar to 802.2 Figure 2, involving C-Fctn-REQ, C-Fctn-IND, C-Fctl-RSP, and C-Fctn-CFM; 2) A BS initiated action, with the primitives going in the opposite direction.

GroupResolution **Decision of Group:** **Principle**

adopt the text changes and figures in 802.16g-07/023r1

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 63 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 35 **Line** 55 **Fig/Table#** **Subclause** 14.2.1.1

Wrong figure numbers in text

Suggested Remedy

In lines 55 and 56, change "473" to "471", and "474" to "472". - Editor to apply automatic linkage to overcome this

GroupResolution **Decision of Group:** **Principle**

Modify text as:

Accounting primitives consist of M-ACM-IND, M-ACM-ACK, M-ACM-REQ and M-ACM-RSP, as shown in Figure ~~473~~471 and Figure ~~474~~472. Figure ~~473~~471 represents accounting primitives initiated by a BS when it receives REG-REQ, DREG-REQ, DSA-REQ/RSP, DSC-REQ/RSP or DSD-REQ/RSP. Figure ~~474~~472 represents accounting primitives initiated by the NCMS.

Modify text as:

Accounting primitives consist of M-ACM-IND, M-ACM-ACK, M-ACM-REQ and M-ACM-RSP, as shown in Figure [BEGIN DELETE]~~473~~[END DELETE][BEGIN INSERT]471[END INSERT] and Figure [BEGIN DELETE]~~474~~[END DELETE][BEGIN INSERT]472[END INSERT]. Figure [BEGIN DELETE]~~473~~[END DELETE][BEGIN INSERT]471[END INSERT] represents accounting primitives initiated by a BS when it receives REG-REQ, DREG-REQ, DSA-REQ/RSP, DSC-REQ/RSP or DSD-REQ/RSP. Figure [BEGIN DELETE]~~474~~[END DELETE][BEGIN INSERT]472[END INSERT] represents accounting primitives initiated by the NCMS.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** b) none needed

Same as comment#1040, already implemented.

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 64 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 36 **Line** 4 **Fig/Table#** **Subclause** 14.2.1.1

In 14.2.1, 14.2.2, 14.2,3, why do these sections address the BS-side usage of the primitives only and ignore the MS-side SAPs? Why do other sections, like 14.2.4 (Figure 483) and 14.2.5.2 (Figure 489, 492, 493) display the MS-side SAP primitives as well? This inconsistency is confusing and should be remedied.

Suggested Remedy

Make sections consistent by either a) display end-to-end sequence charts from NCMS(MS) to NCMS(BS) whenever both MS and BS are involved (as in MS triggered Accounting, Security etc) - or b) focus explicitly on the BS-side primitives only. The latter is the recommended solution; it involves deletion of the (confusing) paragraphs on MS-side SAP primitives. It is sufficient to show BS-side SAP primitives and associated radio interface messages because the MS internal primitives will rarely be exposed and can stay out of scope of standardization.

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

In principle, the underlying problem statement may be correct, presentation of the MS side of the transactions to NCMS may be irrelevant/overspecification. However, without specific proposed text changes it is difficult to validate this assertion.

Also, very difficult for the editor to implement such changes without sufficiently detailed remedy.

Lack of specific text.

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 65 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 41 **Line** 36 **Fig/Table#** **Subclause** 14.2.1.2.4

A-ACM-Indication is presumably wrong. - Any why is ACM under Management SAP, not Control SAP? Accounting records are time critical. - Maybe in the end, all M-SAPs should disappear from 802.16g by a) relabeling to C-SAP, or b) referring to the MIBs in 802.16f and 16i for the contents of the Management primitives.

Suggested Remedy

(1) Change "A-ACM-Indication" to "C-ACM-Indication". (2) Check why ACM is an M_SAP primitive: Rename M-ACM to C-ACM throughout.

GroupResolution **Decision of Group:** **Principle**

Change from:
"A-ACM-Indication"
to:
"M-ACM-IND"

Reason for Group's Decision/Resolution

Not comfortable putting accounting on the control primitive. Would make it on same priority importance as handover and other critical control messages.

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Section 14.2.1.2.4 has been deleted, including that word A-ACM-Indication.

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 66 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☒ **Satisfied** ☐ **Page** 52 **Line** 22 **Fig/Table#** **Subclause** 14.2.2.3.1.1

TBD - should disappear, here and at some more places.

Suggested Remedy

Solve all occurrences of TBD in that document.

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

No specific text provided.

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 67 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 61 **Line** 60 **Fig/Table#** **Subclause** 14.2.4.2

Figure caption is misleading since there are two NCMS entities in the figure. Remedy: Eliminate the NCMS(MS) - It is unnecessary and confusing to show the MS internals!

Suggested Remedy

Change the figure to collapse NCMS(MS) and 802.16Entity(MS) to a single box "MS" without display of the internals.

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

No specific figure change provided.

The group has decided to keep the concept of the MS side NCMS within the logical reference model.

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 68 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 70 **Line** 31 **Fig/Table#** **Subclause** 14.2.4.3.1

Obsolete arguments in brackets

Suggested Remedy

Change "C-PG-REQ (BS _ NCMS)" to "C-PG-REQ"

GroupResolution **Decision of Group:** **Agree**

Change "C-PG-REQ (BS _ NCMS)" to "C-PG-REQ"

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 69 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 84 **Line** 39 **Fig/Table#** **Subclause** 14.2.5.2.2.2

Result flag to be defined

Suggested Remedy

Add definition of "Result flag".

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

Lack of specific text.

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 70 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☒ **Satisfied** ☐ **Page** 90 **Line** 23 **Fig/Table#** **Subclause** 14.2.5.3

Obsolete editor's instructions in section 14 which is a completely new section anyway. Moreover, the "insert" instructions include incorrect numbers sometimes.

Suggested Remedy

Delete the Editorial note in line 23, and all other "Insert" instructions in section 14.

GroupResolution **Decision of Group:** **Agree**

Delete the Editorial note in line 23, and all other "Insert" instructions in section 14.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 71 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 92 **Line** 26 **Fig/Table#** **Subclause** 14.2.6.1

14.2.6.1 is the only level 4 section in 14.2.6. Hence it that chapter heading is obsolete.

Suggested Remedy

Delete heading "14.2.6.1 Radio measurements and reporting" and renumber the following subsections accordingly.

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

Additional material to RRM section is likely. The group prefers to preserve the structure to facilitate future addition to this section, and the current structure is not injuring us.

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 72 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 102 **Line** 61 **Fig/Table#** **Subclause** 14.2.7

A figure showing C-NEM-IND (NBR_BS_Update) is missing.

Suggested Remedy

Add a new Figure showing the use of C-NEM-IND (NBR_BS_Update), with NCMS(MS) to the left and 802.16 Entity (MS) to the right of it as usual, and potentially also the involved BS-side entities if any, or the radio interface message which triggers the MS-side NBR_BS-Update.

GroupResolution **Decision of Group:** **Principle**

Reason for Group's Decision/Resolution

see resolution of comment 1101

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Superseded by comment#1101 and contribution C802.16g-07/013.

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 73 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 114 **Line** 20 **Fig/Table#** **Subclause** 14.2.7.3

The Attribute list seems incomplete.

Suggested Remedy

(1) Parameters below "N_Neighbors" should be indented. (2) List should include any essential information received in MOB_NBR-ADV, incl. DCD/UCD information of neighbor BSs.

GroupResolution **Decision of Group:** **Principle**

Indent parameters below 'N_Neighbors'

Add 'DCD/UCD information' to attributes list after 'HO Process Optimization'

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 74 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 115 **Line** 11 **Fig/Table#** **Subclause** 14.2.7.3

Is the definition of N_Neighbors correct?: "The count of the unique combination of Neighbor BSID, Preamble Index and DCD." Does it fit to the Attribute list of M-NEM-IND in that section?

Suggested Remedy

Change Description for N_Neighbors to: "Number of BSs with different BSID."

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

The description is an exact duplicate of description from 8021.6e-2005

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 75 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 116 **Line** 6 **Fig/Table#** **Subclause** 14.2.7.4

This section has several flaws: It includes an Action_Type although it is a notification primitive which can only have an Event_Type, etc

Suggested Remedy

Apply the following changes: (1) Redefine the parameter list to replace Action_Type by Event_Type; (2) Combine sections 14.2.7.3 and 14.2.7.4 under a new section 14.2.7.3 C-NEM-IND with subsections 14.2.7.3.1 and 14.2.7.3.2 for the two Event_Types; (3) In general check whether this primitive is required, given the redundancy of Figure 500 to Figures 498 and 499 on pages 101, 102.

GroupResolution **Decision of Group:** **Principle**

Reason for Group's Decision/Resolution

see resolution of comment 1038

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Most of the issues are already solved by a comment from ETRI on Action_Type vs. Event_Type which was accepted and implemented.

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 76 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☒ **Satisfied** ☐ **Page** 132 **Line** 6 **Fig/Table#** **Subclause** 14.2.9.1.2

something is odd with "modify an existing service flow parameters"

Suggested Remedy

Delete the word "parameters"

GroupResolution **Decision of Group:** **Principle**

Change from:
"modify an existing service flow parameters"
to:
"modify existing service flow parameters"

Reason for Group's Decision/Resolution

Language is consistent with usage in prior 802.16 standards documents

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 77 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 145 **Line** 46 **Fig/Table#** **Subclause** 14.2.10.3.3.1

Definition of "CS parameter information" to be inserted

Suggested Remedy

Insert definition of "CS parameter information" (by copy&paste from other places).

GroupResolution **Decision of Group:** **Principle**

Copy text from page 79, lines 46-48 and insert in page 145, after line 45

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 78 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 146 **Line** 53 **Fig/Table#** **Subclause** 14.2.11

Update the figure number in the text!

Suggested Remedy

Change "517" to "514" (or whatever the number will be in the next revision): Apply automatic figure number linkage for 100% of the references.

GroupResolution **Decision of Group:** **Principle**

Editor to change all instances of 'Figure 517' to correctly reference 'Figure 514' in the document

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

By chance, 517 is correct now.

Comment by: CHINDAPOL, MR AIK **Membership Status:** **Date:** 01/12/2007

Comment # 79 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 155 **Line** 14 **Fig/Table#** **Subclause** F.3

Arrow missing which shows how NCMS triggers MOB_MSHO-REQ. However better collapse the MS into one box. No need to show MS internals.

Suggested Remedy

Change the figure, to collapse NCMS(MS) and 802.16EntityMAC(MS) to "MS"

GroupResolution **Decision of Group:** **Principle**

Editor to add an arrow from NCMS(MS) to 802.16 Entity (MS) with the caption C-HO-REQ in front of the first message in the Figure F7

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Already implemented as part of comment#1122.

Comment by: WANG, LEI **Membership Status:** **Date:** 01/12/2007

Comment # 80 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

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

I have uploaded my comments file, named as 16g_SB_Wang_Lei.cmtb, into the 802.16 NetMan upload server.

Suggested Remedy

GroupResolution **Decision of Group:** **Unresolvable**

Reason for Group's Decision/Resolution

No specific text provided

Commenter's comments submitted as .cmtb database have been incorporated into this commentary database

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: RIEGEL, MAXIMILIAN **Membership Status:** **Date:** 01/12/2007

Comment # 81 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 9 **Line** 50 **Fig/Table#** **Subclause** 5.3

For the Packet CS a Packet Header Suppression scheme is specified, which can also be deployed with GPCS. The current specification does not provide any text that PHS can be applied and does not provide details how 5.2.3 PHS has to be applied to GPCS.
Essentially PHS provides a scheme how packets are reconstructed based on the PHSI in the first byte of the user payload and the related PHS rule, which has statically configured in the receiving entity.
5.2.3.2 provides the details how PHS rules are installed on the receiving side, i.e. the MS in the downstream direction and the BS in the upstream direction.

Suggested Remedy

Add a further bullet item at the end of the bullet item list on p. 9:
"PHS as defined in 5.2.3 defines rules how packets with suppressed fields are reconstructed based on the PHSI and the associated PHS rule. This reconstruction method can also be applied on packets transfered over the GPCS. Details are given in chapter 5.3.4."
Add a chapter 5.3.4 at the end of the section 5.3 on GPCS:
"5.3.4 PHS operation
PHS header suppression and reconstruction according to chapter 5.2.3 MAY be deployed on particular GPCS service flows with installing PHS rules at the receiving side of the service flow according to the procedures described in chapter 5.2.3.2. As classification is outside of the scope of GPCS the Classifier Rule Index in the DSC-REQ message should be set to '0' when configuring the PHS rules.

GroupResolution **Decision of Group:** **Agree**

Add a further bullet item at the end of the bullet item list on p. 9:
"PHS as defined in 5.2.3 defines rules how packets with suppressed fields are reconstructed based on the PHSI and the associated PHS rule. This reconstruction method can also be applied on packets transfered over the GPCS. Details are given in chapter 5.3.4."
Add a chapter 5.3.4 at the end of the section 5.3 on GPCS:
"5.3.4 PHS operation
PHS header suppression and reconstruction according to chapter 5.2.3 MAY be deployed on particular GPCS service flows with installing PHS rules at the receiving side of the service flow according to the procedures described in chapter 5.2.3.2. As classification is outside of the scope of GPCS the Classifier Rule Index in the DSC-REQ message should be set to '0' when configuring the PHS rules.

Reason for Group's Decision/Resolution

Group's Notes

Vote:
In Favor: 6 Against: 1 Abstain: 2
Comment is approved

Editor's Notes **Editor's Actions** a) done

5.3.4 became 5.3.6 due to other comments.

2007/07/27

IEEE 802.16-07/002r5

Comment by: GEIPEL, MICHAEL D **Membership Status:** **Date:** 01/12/2007

Comment # **82** **Document under Review:** **P802.16g/D6** **Ballot ID:** **P802.16g/D6**

Comment **Type** Editorial **Part of Dis** ☒ **Satisfied** ☐ **Page** 9 **Line** 32 **Fig/Table#** **Subclause** 5.3

Incorrect reference

Suggested Remedy

Replace "11.13.19.3.3.20" with "11.13.19.5.1" on line 32.

GroupResolution **Decision of Group:** **Agree**

Replace "11.13.19.3.3.20" with "11.13.19.5.1" on line 32.

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

Already done by comment#1007, record #81.

Comment by: GEIPEL, MICHAEL D **Membership Status:** **Date:** 01/12/2007

Comment # 83 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 9 **Line** 48 **Fig/Table#** **Subclause** 5.3

grammar error

Suggested Remedy

Change the second word ("require") in line 48 as follows:
... the GPCS require the upper layer ...
to
... the GPCS requires the upper layer ...

GroupResolution **Decision of Group:** **Agree**

Change the second word ("require") in line 48 as follows:
... the GPCS require the upper layer ...
to
... the GPCS requires the upper layer ...

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: KINNEY, PATRICK W **Membership Status:** **Date:** 01/13/2007

Comment # 84 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 15 **Line** 27 **Fig/Table#** **Subclause** 6.3.2.3.64

The BSID is listed as 8 bits in the size column but in the notes it is described as the least significant 24 bits

Suggested Remedy

either change the size to 24 bits or change the notes to 8 bits

GroupResolution **Decision of Group:** **Principle**

change the size to 24 bits

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

Already covered by cmt #1020.

Comment by: John Humbert **Membership Status:** Member **Date:** 2007/01/16

Comment # 85 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

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

Document Not Complete

Suggested Remedy

Adopt remedies found in 16gSponsor_Humbert_John.cmtb

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

The comment is incomplete. The file with the remedy was not uploaded in time. No specific remedy provided.

Comment withdrawn at commenter's request.

Commenter satisfied with disposition of this comment.

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1001 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 2 **Line** 17 **Fig/Table#** **Subclause** 1.2

Text Correction

Suggested Remedy

equipment with procedures and services to enable interoperable and efficient management of network resources, mobility, ~~and~~ spectrum, and to standardize management plane behavior in 802.16 fixed and mobile devices.

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

The IEEE-SA Bylaws require that the 'Scope' and 'Purpose' statements from the approved PAR for the project be included in the Draft standard document and that they exactly match the language in the approved PAR. The Working Group is not at liberty to edit the language of the 'Scope' or 'Purpose' in the Draft.

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: Phillip Barber **Membership Status:** Member **Date:** 2006-01-11

Comment # 1002 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 4 **Line** 1 **Fig/Table#** 1a **Subclause** 1.4.3

'Inter-Working Services' in the figure is redundant to 'Media Independent Handover Function Services'. There are no primitives tied to this service in the Draft.

There are no primitives tied to 'Gateway and Router Services' in the Draft.

'Network Address Services' in the figure is redundant to 'AAA Services'. There are no primitives tied to this service in the Draft.

There are no primitives tied to 'RF Transmission and Synchronization Services' in the Draft.

There are no primitives tied to 'Service Flow Id/Connection Id Management Services' in the Draft.

There are no primitives tied to 'Multimedia Session Management Services' in the Draft.

Suggested Remedy

Remove the box for 'Inter-Working Services' from the diagram

Remove the box for 'Gateway and Router Services' in the Draft

Remove the box for 'Network Address Services' in the Draft

Remove the box for 'RF Transmission and Synchronization Services' in the Draft.

Remove the box for 'Service Flow Id/Connection Id Management Services' in the Draft.

Remove the box for 'Multimedia Session Management Services' in the Draft.

GroupResolution **Decision of Group:** **Principle**

Remove the box for 'Inter-Working Services' from the diagram

Remove the box for 'Gateway and Router Services' in the Draft

Remove the box for 'Network Address Services' in the Draft

Remove the box for 'RF Transmission and Synchronization Services' in the Draft.

Change the box 'Service Flow Id/Connection Id Management Services' in the Draft to 'Service Flow Management (SFM) Services'

Remove the box for 'Multimedia Session Management Services' in the Draft.

Add a box for 'Multicast Broadcast (MBS) Service'

Add a box for 'Location Management (LBS) Service'

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1003 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 4 **Line** 38 **Fig/Table#** **Subclause** 1.3.2

Add NAS-Port type per a recent (Dec 2006) IANA assignment

Suggested Remedy

Note: for the NAS-Port-Type RADIUS Attribute 61 [RFC 2865], the 802.16 AAA service is assigned the value "27"

GroupResolution **Decision of Group:** **Principle**

Insert text on page 4, after line 38:
Note: for the NAS-Port-Type RADIUS Attribute 61 [RFC 2865], the 802.16 AAA service is assigned the value "27"

Editor to include reference to RFC 2865 in the section 2. References

Editor to add the following entry to section 4. Abreviations and Acronyms:
NAS Network Access Server

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Jaesun Cha **Membership Status:** Member **Date:** 2006-01-11

Comment # 1004 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 6 **Line** 13 **Fig/Table#** **Subclause** 1.3.4

In Subclause 1.3.4, "Location detection reporting capability" is classified as a primitive included in M_SAP.

What does "Location detection reporting capability" mean?
If it means any capabilities for LBS, then it conflicts with the definition of C-LBS-REQ/RSP primitives which are included in C_SAP.

We have to clarify it and keep the consistency.

Suggested Remedy

Remove the last bullet "- Location detection reporting capability" from Subclause 1.3.4.

Add a new bullet "- Location detection reporting capability" to the end of Subclause 1.3.5.

GroupResolution **Decision of Group:** **Agree**

Remove the last bullet "- Location detection reporting capability" from Subclause 1.3.4.

Add a new bullet "- Location detection reporting capability" to the end of Subclause 1.3.5.

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Now 1.4.5, 1.4.6.

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1005 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 7 **Line** 21 **Fig/Table#** **Subclause** 3

Message parameters are usually not defined in the definitions section. For instance Basestation ID is not in the definitions section.

Suggested Remedy

Remove the definition of Operator ID in section 3.

GroupResolution **Decision of Group:** Agree

Remove the definition of Operator ID in section 3.

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1006 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 7 **Line** 38 **Fig/Table#** **Subclause** 4

Following acronyms are missing: NSP, TDOA, D-TDOA, U-TDOA, SIQ

Suggested Remedy

Add the following acronyms in correct alphabetical order:
NSP Network Service Provider
SIQ Service Identity Query
TDOA Time Difference Of Arrival
D-TDOA Downlink Time Difference Of Arrival
U-TDOA Uplink Time Difference Of Arrival

GroupResolution **Decision of Group:** **Principle**

Add the following acronyms in correct alphabetical order:
NSP Network Service Provider
SIQ Service Information Query
TDOA Time Difference Of Arrival
D-TDOA Downlink Time Difference Of Arrival
U-TDOA Uplink Time Difference Of Arrival

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Jaesun Cha **Membership Status:** Member **Date:** 2006-01-11

Comment # 1007 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 9 **Line** 31 **Fig/Table#** **Subclause** 5.3

'GPCS Protocol Type' TLV is defined in 11.13.19.5.1, not 11.13.19.3.3.20.

Suggested Remedy

[Modify the forth bullet in 5.3 as follows]
With GPCS, the upper layer protocol that is ~~immediatedly~~immediately above the 802.16 GPCS is identified by a TLV parameter, GPCS protocol type, as defined in ~~11.13.19.3.3.20~~11.13.19.5.1. The GPCS protocol type shall be included in C-SFM primitives and DSx messages during connection establishment.

GroupResolution **Decision of Group:** **Principle**

[Modify the fourth bullet in 5.3 as follows]
With GPCS, the upper layer protocol that is [BEGIN DELETE]~~immediatedly~~[END DELETE][BEGIN INSERT]immediately[END INSERT] above the 802.16 GPCS is identified by a TLV parameter, GPCS protocol type, as defined in [BEGIN DELETE]~~11.13.19.3.3.20~~[END DELETE][BEGIN INSERT]11.13.19.5.1[END INSERT]. The GPCS protocol type shall be included in C-SFM primitives and DSx messages during connection establishment.

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1008 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 9 **Line** 32 **Fig/Table#** **Subclause** 5.3

Reference to 11.13.19.3.3..20 is incorrect

Suggested Remedy

Change the reference to 11.13.19.5.1

GroupResolution **Decision of Group:** **Agree**

Change the reference to 11.13.19.5.1

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

Already done by comment#1007, record #81.

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1009 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 10 **Line** 63 **Fig/Table#** **Subclause** 5.3.1

Text correction, almost technical

Suggested Remedy

SDU data reference to the ~~a~~ number of bytes delivered by the ~~GPCS~~ upper layer to the GPCS, or by the GPCS to the upper layer.

GroupResolution **Decision of Group:** **Principle**

[BEGIN INSERT]The payload[END INSERT][BEGIN DELETE]SDU data reference to a number of bytes[END DELETE] delivered by the [BEGIN DELETE]~~GPCS~~[END DELETE] upper layer to [BEGIN INSERT]the[END INSERT] GPCS, or by [BEGIN INSERT]the[END INSERT] GPCS to the upper layer.

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1010 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 11 **Line** 11 **Fig/Table#** **Subclause** 5.3.2

Text correction

Suggested Remedy

This primitive defines the transfer of data from a GPCS application at the upper-layer~~, GPCS application,~~ to the GPCS SAP.

GroupResolution **Decision of Group:** **Principle**

This primitive defines the transfer of data from the upper-layer[BEGIN DELETE]~~, GPCS application,~~[END DELETE] to the GPCS [BEGIN DELETE]SAP[END DELETE].

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1011 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 12 **Line** 12 **Fig/Table#** **Subclause** 5.3.3

Correction: Upper portion of the GPCS layer deals with SDUs and the lower portion of GPCS deals with PDUs

Suggested Remedy

This primitive is generated by GPCS whenever a GPCS SDU is to be delivered to an upper layer protocol resulting from receipt of a MAC PDU from the MAC layer ~~SDU by GPCS.~~

GroupResolution **Decision of Group:** **Principle**

This primitive is generated by GPCS whenever a GPCS SDU is to be delivered to an upper layer protocol resulting from receipt of a [BEGIN INSERT[MAC PDU[END INSERT] [BEGIN DELETE]~~SDU by GPCS.~~[END DELETE]

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1012 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 13 **Line** 17 **Fig/Table#** **Subclause** 6.3.2.3.5

Allow the MS to solicit the location of a BS and the BS's neighboring BSs during initial ranging.

Suggested Remedy

Add to page 21 line 44:

11.5 RNG-REQ message encodings

[Add a new row at the end of Table 364:]

name	type	length	value
Network Indicators	13	1	Bit #0: Request for BS location information Bit #1-#7: Reserved

11.6 RNG-RSP message encodings

[Add a new row to the end of Table 367:]

name	type	length	value
Device Coordinates	45	variable	Compound (See 11.21)

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

The group is concerned with the increased size of the RNG-RSP message the proposed remedy would require. The LBS information is 20 bytes per BS. With five or so BS in the Neighbor list, that means an increase of the RNG-RSP of 100 bytes. The addition of the 100 bytes would stretch the symbol. And the message is transmitted on the Basic CID, so cannot be fragmented. This causes increased opportunity for failure of the SS to receive the message, and retransmission of the message, increasing both overhead and network entry latency.

Group's Notes

Approved without opposition

Editor's Notes

Editor's Actions b) none needed

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1013 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 13 **Line** 58 **Fig/Table#** **Subclause** 6.3.2.3.23

The SBC-REQ message needs to include information that it may contain a SIQ TLV

Suggested Remedy

Add the following text on page 13 line 58:

Modify the text in 6.3.2.3.23 as indicated:

The following parameters may be included:

Capabilities for construction and transmission of MAC PDUs (see 11.8.2)
PKM flow control (see 11.7.8.6)
Authorization policy support (see 11.8.4.2)
Maximum number of supported security association (see 11.7.8.8)
Service Information Query (See 11.8.9)

GroupResolution **Decision of Group:** **Principle**

On page 13, after line 17, insert text including editorial intructions:

[BEGIN INSERT][BEGIN ITALICS][Change the text in 6.3.2.3.23 as indicated][END ITALICS]

The following parameters may be included:

Capabilities for construction and transmission of MAC PDUs (see 11.8.2)
PKM flow control (see 11.7.8.6)
Authorization policy support (see 11.8.4.2)
Maximum number of supported security association (see 11.7.8.8)
[BEGIN UNDERLINE]Service Information Query (See 11.8.9)[END UNDERLINE][END INSERT]

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1014 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 13 **Line** 59 **Fig/Table#** **Subclause** 6.3.2.3.24

The SBC-RSP message needs to include information that it may contain a SII related TLVs.

Suggested Remedy

Add the following text on page 13 line 59:

Insert at the end of 6.3.2.3.24:

The following parameters shall be included when solicited in the SBC-REQ message, unless there are no NSP Ids to be included in the NSP List TLV, in which case only the NSP Change Count TLV shall be included.

NSP List (see 11.1.8.1)
NSP Change Count (11.1.8.2)

GroupResolution **Decision of Group:** **Principle**

Add the following text on page 13 before line 19:

[BEGIN INSERT][BEGIN ITALICS][Change the text in 6.3.2.3.24 as indicated][END ITALICS]

The following parameters shall be included when solicited in the SBC-REQ message, unless there are no NSP Ids to be included in the NSP List TLV, and unless the BS constructs and transmits an SII-ADV message including the NSP List TLV and NSP Change Count TLV contemporaneously with SBC-RSP.

NSP List (see 11.1.8.1)
NSP Change Count (11.1.8.2) [END INSERT]

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Phillip Barber **Membership Status:** Member **Date:** 2006-01-11

Comment # 1015 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 14 **Line** 34 **Fig/Table#** **Subclause** 6.3.2.3.63

In network implementations with bifurcated Access Networks and Core Networks, where multiple Core Networks (NSPs) with differing Authorization Policies may be supported by a single Access Network, use of SBC presentation/negotiation of Access Network Authorization Policy--a policy which is essentially a function of the NSP, not the Access Network--is inadequate to inform the MS of what type of Authorization Policy is enforced at the NSP. Presentation of the NSP Authorization Policy as part of SII-ADV or SBC-RSP overcomes this defficiency.

Suggested Remedy

Add support for multicast presentation of NSP Authorization Policy TLV transmittal as part of SII-ADV

Add support for unicast presentation of NSP Authorization Policy TLV transmittal as part of SBC-RSP

Add NSP Authorization Policy TLV

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

Lack of specific text.

Rejected at the request of commenter.

Problem may exist, but remedy needs work.

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1016 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 14 **Line** 37 **Fig/Table#** **Subclause** 6.3.2.3.63

Clarify how MS/SS solicits NSP identifiers information. Clarify how the BS (MAC) determines which NSP Ids to include in the message.

Discussion: A system parameter is needed for the time interval between consecutive SII-ADV messages. This requires a change in Section 10. However, if the NSP List is sent in the UCD or DCD, there are some advantages: no message header overhead, and the MS can determine faster whether the BS is transmitting the NSP Ids. Furthermore, it may not be in the best interest of an operator to transmit the SII-ADV message if the NSP list is empty. How does the MS determine whether the SII-ADV is not received because the NSP Id list is empty or the SII-ADV message is not received because the BS never transmits NSP List only if solicited. In the first case, the MS should not solicit this information, in the latter it may. What shall the BS do if it receives a solicitation for the NSP list and the list is empty? Is the omission of the NSP List TLV in the SBC-RSP to be understood as there being no NSPs (other than the NAI)?

Suggested Remedy

Modify text as follows:

A BS may use the SII-ADV message to broadcast a list of Network Service Provider (NSP) Identifiers. The message may be broadcast periodically without solicitation or could be solicited by an ~~(M)~~MS/SS during network entry by including the SIQ TLV in the SBC-REQ message (see section 6.3.2.3.23). This message is sent from the BS to all ~~MS~~SSs on a broadcast CID. Assignment method, administration, and usage of NSP Ids are outside the scope of this standard. The list of NSP Ids to be included in this message and the message transmssion frequency are configured over the M-SAP.

GroupResolution **Decision of Group:** **Principle**

Modify text as follows:

A BS may use the SII-ADV message to broadcast a list of Network Service Provider (NSP) Identifiers. The message may be broadcast periodically without solicitation or [BEGIN DELETE]~~could~~[END DELETE][BEGIN INSERT]may[END INSERT] be solicited by an [BEGIN DELETE]~~(M)/~~[END DELETE]SS [BEGIN INSERT]during network entry by including the SIQ TLV in the SBC-REQ message (see section 6.3.2.3.23)[END INSERT]. This message is sent from the BS to all [BEGIN DELETE]~~M~~[END DELETE][BEGIN INSERT]S[END INSERT]Ss on [BEGIN INSERT][the[END INSERT][BEGIN DELETE]~~a~~[END DELETE] broadcast CID. Assignment method, administration, and usage of NSP Ids are outside the scope of this standard. [BEGIN INSERT]The list of NSP Ids to be included in this message and the message transmssion frequency are programmable.[END INSERT]

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes **Editor's Actions** a) done

2007/07/27

IEEE 802.16-07/002r5

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # **1017** **Document under Review:** **P802.16g/D6** **Ballot ID:** **P802.16g/D6**

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 14 **Line** 56 **Fig/Table#** **Subclause** 6.3.2.3.63

This section should list the TLVs that shall or may be included in the message.

Suggested Remedy

Add the following at the end of section 6.3.2.3.63

The following parameters shall be included the SII-ADV message:

NSP List (see 11.1.8.1)
NSP Change Count (11.1.8.2)

GroupResolution **Decision of Group:** **Agree**

Add the following at the end of section 6.3.2.3.63

The following parameters shall be included the SII-ADV message:

NSP List (see 11.1.8.1)
NSP Change Count (11.1.8.2)

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

This had to be combined with the SII-ADV parameter list proposed for MIH purposes in comment#52 (record#46).

Comment by: Nanjian (Jeff) Qian **Membership Status:** Member **Date:** 2006-01-11

Comment # 1018 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 15 **Line** 1 **Fig/Table#** **Subclause** 6.3.2.3.64

In this sub section, it has defined a new MAC layer LBS broadcast message to convey BS static geo-info from BS to MS. Since this info is static, it's really no need to use broadcast message to pass this info to MS. It will be huge waste for radio resources. Beside, not every LBS scheme will use this info.

Suggested Remedy

delete this sub section.

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

Commenter withdrew the comment. Commenter will investigate alternate remedy.

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1019 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 15 **Line** 15 **Fig/Table#** **Subclause** 6.3.2.3.64

Management message type is 69 according to Table 14 on page 12

Suggested Remedy

Change Management message type = 69~~75~~

GroupResolution **Decision of Group:** **Agree**

Change Management message type = [BEGIN INSERT]69[END INSERT][BEGIN DELETE]~~75~~[END DELETE]

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Jaesun Cha **Membership Status:** Member **Date:** 2006-01-11

Comment # 1020 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 15 **Line** 27 **Fig/Table#** **Subclause** 6.3.2.3.64

In the table which defines LBS-ADV message format, the length of BSID is defined as 8 bits in 'size' column, but it is defined as 24 bits in 'Notes' column.

Suggested Remedy

[Modify the 'BSID' row as follows]

Syntax	Size	Notes
BSID	~~8~~24 bits	The least significant 24 bits of the Base Station ID parameter in the DL-MAP message of the Serving BS or Neighbor BS

GroupResolution **Decision of Group:** **Agree**

[Modify the 'BSID' row as follows]

Syntax	Size	Notes
BSID	[BEGIN DELETE]~~8~~[END DELETE][BEGIN INSERT]24[END INSERT] bits	The least significant 24 bits of the Base Station ID parameter in the DL-MAP message of the Serving BS or Neighbor BS

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1021 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 15 **Line** 43 **Fig/Table#** **Subclause** 6.3.2.3.64

1) Typo in TLV name
2) Not necessarily broadcast in future enhancements of this standard
3) Not necessarily used for the BS's coordinates; could be used for the MS's coordinates in future enhancements of this standard.

Suggested Remedy

Change:

~~BS~~ Device Coordi~~ne~~ates ~~Broadcast~~ (see 11.21)
~~BS uses this TLV to broadcast~~ The BS's coordinates.

GroupResolution **Decision of Group:** **Agree**

Change:

[BEGIN DELETE]~~BS~~ [END DELETE][BEGIN INSERT]Device [END INSERT]Coordi[BEGIN INSERT]n[END INSERT][BEGIN DELETE]~~e~~[END DELETE]ate[BEGIN INSERT]s[END INSERT] [BEGIN DELETE]~~Broadcast~~[BEGIN DELETE] (see 11.21)
[BEGIN DELETE]~~BS uses this TLV to broadcast~~[END DELETE] [BEGIN INSERT]The [END INSERT]BS's coordinates.

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1022 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 15 **Line** 51 **Fig/Table#** **Subclause** 6.3.25

This section is very short and not very informative.

Suggested Remedy

6.3.25 MIH handover Function

MIH handover function is the support of IEEE Std 802.21 specific features and functions. The 802.16 standard supports this function by providing a MAC management PDU for passing MIH related information transparently to the SS (see 6.3.2.3.62).

GroupResolution **Decision of Group:** **Principle**

Reason for Group's Decision/Resolution

see resolution of comment 55

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

No Group Resolution: So it is understood that this comment is considered resolved (superseded) by means of the other comments on the same chapter: comments#52 and #55.

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1023 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 16 **Line** 25 **Fig/Table#** **Subclause** 6.3.26.1

Reference to Annex I is incorrect

Suggested Remedy

Change:

Annex ~~I~~G

GroupResolution **Decision of Group:** **Agree**

Change:

Annex [BEGIN DELETE]~~I~~[END DELETE][BEGIN INSERT]G[END INSERT]

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1024 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 18 **Line** 13 **Fig/Table#** 342 **Subclause** 10.1

Typographical error

Suggested Remedy

Change: Time ~~Interfacer~~reference

GroupResolution **Decision of Group:** **Agree**

Change: Time [BEGIN DELETE]~~Interface~~[END DELETE][BEGIN INSERT]reference[END INSERT]

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1025 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 18 **Line** 16 **Fig/Table#** 342 **Subclause** 10.1

The LBS-ADV interval should be of the same order as the DCD and UCD intervals. If this information is broadcast every half hour it is pretty much useless to an MS, since it will not provide the information when needed, and an MS is likely to not receive this information at all if it keeps moving.

Suggested Remedy

Change the maximum value of the LBS-ADV interval to 1~~80~~0 s~~ec~~

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

There is no requirement that the LBS information be transmitted with such frequency. In fact, there is great benefit, reduced overhead, with more infrequent transmissions.

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1026 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 18 **Line** 21 **Fig/Table#** **Subclause** 10.1

The SII-ADV message interval is missing in Table 342. The interval should be of the same order of magnitude as the UCD and DCD intervals.

Suggested Remedy

Add a new entry as follows:

System=BS;
Name=SII-ADV interval;
Time reference=Nominal time between transmission of SII-ADV messages
Minimum value=<blank>
Default value=<blank>
Maximum value=10s

GroupResolution **Decision of Group:** **Principle**

Add a new entry as follows:

System=BS;
Name=SII-ADV interval;
Time reference=Nominal time between transmission of SII-ADV messages
Minimum value=<blank>
Default value=10s
Maximum value=30s

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1027 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 20 **Line** 17 **Fig/Table#** **Subclause** 11.20

The question marks do not belong to a standard.

Suggested Remedy

Change: ~~??~~01

GroupResolution **Decision of Group:** **Principle**

Reason for Group's Decision/Resolution

see resolution of comment 52

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

This cannot be implemented since section 11.20 will obviously disappear according comment#52, contribution “C802.16g-07/020r4”. The “MIH Function frame” is now defined in section 11.1.9.1 where type = 142 has been assigned to this TLV.

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1028 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 20 **Line** 37 **Fig/Table#** **Subclause** 11.1.8.1

1) "TLV" is redundant in the TLV name
2) The TLV should not list the conditions for its inclusion in the messages; the messages sections in 6.3.2.3 list the TLVs that may/shall be included.

Suggested Remedy

11.1.8.1 NSP List ~~TLV~~

The NSP LIST TLV i~~s a TLV that~~ contains one or more 24-bit Network Service Provider ~~24-bit~~ Identifiers. ~~When an SBC-REQ message with an SIQ TLV (with bit 1 set) is received, the BS should respond with an SBC-RSP message with an NSP List TLV.~~

GroupResolution **Decision of Group:** **Agree**

11.1.8.1 NSP List [BEGIN DELETE]~~TLV~~[END DELETE]

The NSP LIST TLV i[BEGIN DELETE]~~s a TLV that~~ [END DELETE]contains one or more [BEGIN INSERT]24-bit[END INSERT] Network Service Provider [BEGIN DELETE]~~24-bit~~[END DELETE] Identifiers. [BEGIN DELETE]~~When an SBC-REQ message with an SIQ TLV (with bit 1 set) is received, the BS should respond with an SBC-RSP message with an NSP List TLV.~~[END DELETE]

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1029 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 21 **Line** 3 **Fig/Table#** **Subclause** 11.1.8.2

1) "TLV" is redundant in the TLV name

2) The TLV should not list the conditions for its inclusion in the messages; the messages sections in 6.3.2.3 list the TLVs that may/shall be included.

Suggested Remedy

11.1.8.2 NSP Change Count ~~TLV~~

The NSP Change Count TLV ~~is an optional TLV that~~ indicates a change of the NSP list. Its value shall~~will~~ be increased by one (modulo 256) whenever the NSP list changes. ~~The NSP Change Count TLV should be sent with the NSP List TLV in the SBC-RSP message or SII-ADV message.~~

GroupResolution **Decision of Group:** **Agree**

11.1.8.2 NSP Change Count [BEGIN DELETE]~~TLV~~[END DELETE]

The NSP Change Count TLV [BEGIN DELETE]~~is an optional TLV that~~ [END DELETE]indicates a change of the NSP list. It[BEGIN INSERT[s value shall[END INSERT][BEGIN DELETE]~~will~~[END DELETE] be increased by one (modulo 256) whenever the NSP list changes. [BEGIN DELETE]~~The NSP Change Count TLV should be sent with the NSP List TLV in the SBC-RSP message or SII-ADV message.~~[END DELETE]

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1030 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 23 **Line** 46 **Fig/Table#** 383 **Subclause** 11.13

Spell out PER to ease readability.

Suggested Remedy

Replace PER by Packet Error Rate

GroupResolution **Decision of Group:** **Agree**

Replace PER by Packet Error Rate

Reason for Group's Decision/Resolution

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1031 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 24 **Line** 32 **Fig/Table#** **Subclause** 11.13.19.1

Text correction

Suggested Remedy

Change IP2 to IP (v4 or v6) in both line 32 and line 33

GroupResolution **Decision of Group:** **Out of Scope**

Reason for Group's Decision/Resolution

Correction to this error is more properly done in the Corrigenda project.

The correction has already been processed and approved in the Corrigenda project.

Group's Notes

Editor's Notes **Editor's Actions** b) none needed

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1032 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 26 **Line** 41 **Fig/Table#** **Subclause** 11.13.38

Although correct, the interpretation of bit 6 is hard to understand.

Suggested Remedy

Change as follows:

MSB (bit 7):
0 – PER measured by the application
1 – PER measured on the airlink
Bit 6:
0 – Interpret bits 0-5 as an integer %, i.e., if bits 0-5 are the binary representation of the integer N, then the PER = N/100 (= N%)
1- Interpret bits 0-5 as 10 times a negative exponent of 10, i.e., if bits 0-5 are the binary representation of the integer N, then the PER = $10^{-N/10}$
LSB 6 bits (bits 0-5): PER value
If bit 6=0, [0 to 63%] PER
If bit 6=1, [5e-7 to 1] PER

GroupResolution **Decision of Group:** **Agree**

Change as follows:

MSB (bit 7):
0 – PER measured by the application
1 – PER measured on the airlink
Bit 6:
0 – Interpret bits 0-5 as an integer %[BEGIN INSERT], i.e., if bits 0-5 are the binary representation of the integer N, then the PER = N/100 (= N%)[END INSERT]
1- Interpret bits 0-5 as 10 times a negative exponent of 10[BEGIN INSERT], i.e., if bits 0-5 are the binary representation of the integer N, then the PER = $10^{-N/10}$[END INSERT]
LSB 6 bits (bits 0-5): PER value
If bit 6=0, [0 to 63%] PER
If bit 6=1, [5e-7 to 1] PER

Reason for Group's Decision/Resolution

Group's Notes

Accpeted without objection

Editor's Notes **Editor's Actions** a) done

2007/07/27 **IEEE 802.16-07/002r5**

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # **1033** **Document under Review:** **P802.16g/D6** **Ballot ID:** **P802.16g/D6**

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 26 **Line** 52 **Fig/Table#** **Subclause** 11.13.38

Text Correction

Suggested Remedy

If bit 6=1, [5e-7 to ~~1~~5e-0] PER

GroupResolution **Decision of Group:** **Principle**

If bit 6=1, [5e-7 to 1[BEGIN INSERT]e-0[END INSERT]] PER

Reason for Group's Decision/Resolution

Group's Notes

Accpeted without objection

Editor's Notes **Editor's Actions** a) done

Editor used superscript for the exponents, for better readybility.

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1034 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 26 **Line** 61 **Fig/Table#** **Subclause** 11.18.2

1) The data are collected over an interval that defaults to 200 frames, whereas the MOB_NBR-ADV message is sent with a frequency may be as low as every 30 s. The information may therefore be stale by the time the MS can make any use of it. Additionally, the document does not specify when wrt to sending the MOB_NBR-ADV message the data was collected.

2) It is unclear whether the data shall be collected at the same time at every BS or may be collected at different times but for the same duration.

3) The message format definition section 6.3.2.3.47 should include text to say that this TLV may be included and the conditions for when it should be included, if any. This is currently missing.

4) This TLV and the corresponding UL TLV are not very informative since they do not take into account the amount of radio resources that are currently being used for BE traffic.

5) The section title is misleading since this TLV indicates the radio resource that are not allocated to non-best effort service flows. Hence, an MS with BE services flows will be competing with other MSs for these "available" resources.

Suggested Remedy

I suggest two options to resolve my above comments:

option-1: Remove sections 11.18.2 and 11.18.3

option-2: make the following changes:
1. Change TLV name to:

11.18.2 Non-pre-assigned DL ~~available~~ radio resources

Non-pre-assigned DL ~~available~~ radio resources ~~indicator~~ shall indicate the average percentage of ~~available~~ non-pre-assigned physical radio resources for DL where averaging shall take place over a time interval which shall be a configurable value (with a default value of the last 200 frames) common to all BS within an operator network. Available physical radio resources shall be defined as the set of subchannels and symbols within a radio frame, which are not used by any non-best-effort service flow class as identified by either the uplink grant scheduling type or the data delivery service as identified in the service flow encodings.

2. Change TLV name to:

11.18.3 Non-pre-assigned UL ~~available~~ radio resources

Non-pre-assigned UL ~~available~~ radio resources ~~indicator~~ shall indicate the average percentage of ~~available~~ non-pre-assigned physical radio resources for UL where averaging shall take place over a time interval which shall be a configurable value (with a default value of the last 200 frames) common to all BS within an operator network. Available physical radio resources shall be defined as the set of subchannels and symbols within a radio frame, which are not used by any non-best-effort service flow class as identified by either the uplink grant scheduling type or the data delivery service as identified in the service flow encodings.

3. Add the following to page 13, line 57:

[Insert the following lines at the end section 6.3.2.3.47 as indicated:]

For each advertised Neighbor BS, the following TLV parameters may be included:

Non-pre-assigned DL radio resources (see 11.18.2)
Non-pre-assigned UL radio resources (see 11.18.3)

GroupResolution **Decision of Group:** **Agree**

1. Change TLV name to:

11.18.2 [BEGIN INSERT]Non-pre-assigned[END INSERT] DL [BEGIN DELETE]~~available~~[END DELETE] radio resource[BEGIN INSERT]s[END INSERT]

[BEGIN INSERT]Non-pre-assigned[END INSERT] DL [BEGIN DELETE]~~available~~[END DELETE] radio resource[BEGIN INSERT]s[END INSERT] [BEGIN DELETE]~~indicator~~[END DELETE] shall indicate the average percentage of [BEGIN DELETE]~~available~~[END DELETE] [BEGIN INSERT]non-pre-assigned[END INSERT] physical radio resources for DL where averaging shall take place over a time interval which shall be a configurable value (with a default value of the last 200 frames) common to all BS within an operator network. Available physical radio resources shall be defined as the set of subchannels and symbols within a radio frame, which are not used by any non-best-effort service flow class as identified by either the uplink grant scheduling type or the data delivery service as identified in the service flow encodings.

2. Change TLV name to:

11.18.3 [BEGIN INSERT]Non-pre-assigned[END INSERT] UL [BEGIN DELETE]~~available~~[END DELETE] radio resources[END INSERT]

[BEGIN INSERT]Non-pre-assigned[END INSERT] UL [BEGIN DELETE]~~available~~[END DELETE] radio resource[BEGIN INSERT]s[END INSERT] ~~indicator~~ shall indicate the average percentage of [BEGIN DELETE]~~available~~[END DELETE] [BEGIN INSERT]non-pre-assigned[END INSERT] physical radio resources for UL where averaging shall take place over a time interval which shall be a configurable value
(with a default value of the last 200 frames) common to all BS within an operator network. Available physical radio resources shall be defined as the set of subchannels and symbols within a radio frame, which are not used by any non-best-effort service flow class as identified by either the uplink grant scheduling type or the data delivery service as identified in the service flow encodings.

3. Add the following to page 13, line 57:

[BEGIN INSERT]***[Insert the following lines at the end section 6.3.2.3.47 as indicated:]***

For each advertised Neighbor BS, the following TLV parameters may be included:

Non-pre-assigned DL radio resources (see 11.18.2)
Non-pre-assigned UL radio resources (see 11.18.3)[END INSERT]

Reason for Group's Decision/Resolution

Group's Notes

Accpeted without objection

Editor's Notes **Editor's Actions** a) done

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1035 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 28 **Line** 32 **Fig/Table#** **Subclause** 11.21

1) Typo in TLV name
2) Not necessarily broadcast in future enhancements of this standard
3) Not necessarily used for the BS's coordinates; could be used for the MS's coordinates in future enhancements of this standard.
4) Location Measurement Method is not part of this TLV.

Suggested Remedy

11.21 ~~BS~~ Device Coordinates ~~Broadcast~~

This compound TLV is used for ~~BS~~ encoding the coordinates of a device~~broadcast~~.

<TLV table here>

~~The 'Location Measurement Method' indicates the method used to measure the device location. If the device support multiple methods, it can choose any method for measuring the location.~~

GroupResolution **Decision of Group:** **Agree**

11.21 [BEGIN DELETE]~~BS~~[END DELETE] [BEGIN INSERT]Device[END INSERT] Coordinate[BEGIN INSERT]s[END INSERT] [BEGIN DELETE]~~Broadcast~~[END DELETE]

This compound TLV is used for [BEGIN DELETE]~~BS~~[END DELETE] [BEGIN INSERT]encoding the[END INSERT] coordinate[BEGIN INSERT]s of a device[END INSERT][BEGIN DELETE]~~broadcast~~.[END DELETE]

<TLV table here>

[BEGIN DELETE]~~The 'Location Measurement Method' indicates the method used to measure the device location. If the device support multiple methods, it can choose any method for measuring the location.~~[END DELETE]

Reason for Group's Decision/Resolution

Group's Notes

Accpeted without objection

Editor's Notes **Editor's Actions** b) none needed

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1036 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 28 **Line** 51 **Fig/Table#** **Subclause** 11.21

RFC3825 missing in the References section

Suggested Remedy

Add to the References section:

IETF RFC3825 " DHCP for Coordinate-based Location Configuration Information", July 2004

GroupResolution **Decision of Group:** **Agree**

Add to the References section:

IETF RFC3825 " DHCP for Coordinate-based Location Configuration Information", July 2004

Reason for Group's Decision/Resolution

Group's Notes

Accpeted without objection

Editor's Notes **Editor's Actions** a) done

Comment by: Jaesun Cha **Membership Status:** Member **Date:** 2006-01-11

Comment # 1037 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 31 **Line** 28 **Fig/Table#** **Subclause** 14.1.1

Alarm Management is defined as one of SAP functions, but there is not any primitives for Alarm Management in the current draft.

Suggested Remedy

Remove 'ALM - Alarm Management' from the list of functions defined in the service primitive template on page 31.

GroupResolution **Decision of Group:** **Agree**

Remove 'ALM - Alarm Management' from the list of functions defined in the service primitive template on page 31.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Same as comment#59, already implemented.

Comment by: Jaesun Cha **Membership Status:** Member **Date:** 2006-01-11

Comment # 1038 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 31 **Line** 59 **Fig/Table#** **Subclause** 14.1.2

According to the service primitive format defined in subclause 14.1, Operation_Type and Action_Type are valid only for M-SAP/C-SAP operation service primitives and Event_Type is valid only for M-SAP/C-SAP notification service primitives.

However, some of IND/ACK primitives defined in the current draft still include Action_type.
We need to clarify the usage of Action_type and Event_type.

Suggested Remedy

Discuss and adopt the contribution C80216g-07/004 or its latest version.

GroupResolution **Decision of Group:** **Principle**

Adopt contribution C802.16g-07/004r4

Reason for Group's Decision/Resolution

Group's Notes

Accpeted without objection

Editor's Notes **Editor's Actions** a) done

Comment by: Jaesun Cha **Membership Status:** Member **Date:** 2006-01-11

Comment # 1039 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 34 **Line** 52 **Fig/Table#** **Subclause** 14.1.2.2

'Event_replay. is defined as a mandatory parameter for M-SAP/C-SAP notification service primitive.
However, there is not any service primitives which include 'Event_replay' as a mandatory parameter.

Therefore, we have to choose one of the following remedies to keep the consistency.

1. Change the mode of 'Event_replay' from M to O
2. Add 'Event_replay' parameter to all notification service primitives.

But, I think that the reason why all the service primitives do not include that parameter is because it is useless or its usage is ambiguous.

So, we'd better to choose the first remedy.

Suggested Remedy

In the table on page 34, change the mode of 'Event_replay' parameter from M to O.

GroupResolution **Decision of Group:** **Principle**

Remove all usage and reference to 'Event_replay' and 'Action_replay_info' from the document

Reason for Group's Decision/Resolution

Group's Notes

Accpeted without objection

Editor's Notes **Editor's Actions** a) done

Comment by: Jaesun Cha **Membership Status:** Member **Date:** 2006-01-11

Comment # 1040 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 35 **Line** 54 **Fig/Table#** **Subclause** 14.2.1.1

Wrong reference.

Suggested Remedy

Accounting primitives consist of M-ACM-IND, M-ACM-ACK, M-ACM-REQ and M-ACM-RSP, as shown in Figure ~~473~~471 and Figure ~~474~~472. Figure ~~473~~471 represents accounting primitives initiated by a BS when it receives REG-REQ, DREG-REQ, DSA-REQ/RSP, DSC-REQ/RSP or DSD-REQ/RSP. Figure ~~474~~472 represents accounting primitives initiated by the NCMS.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

Accounting primitives consist of M-ACM-IND, M-ACM-ACK, M-ACM-REQ and M-ACM-RSP, as shown in Figure ~~473~~471 and Figure ~~474~~472. Figure ~~473~~471 represents accounting primitives initiated by a BS when it receives REG-REQ, DREG-REQ, DSA-REQ/RSP, DSC-REQ/RSP or DSD-REQ/RSP. Figure ~~474~~472 represents accounting primitives initiated by the NCMS.

Modify text as:

Accounting primitives consist of M-ACM-IND, M-ACM-ACK, M-ACM-REQ and M-ACM-RSP, as shown in Figure [BEGIN DELETE]~~473~~[END DELETE][BEGIN INSERT]471[END INSERT] and Figure [BEGIN DELETE]~~474~~[END DELETE][BEGIN INSERT]472[END INSERT]. Figure [BEGIN DELETE]~~473~~[END DELETE][BEGIN INSERT]471[END INSERT] represents accounting primitives initiated by a BS when it receives REG-REQ, DREG-REQ, DSA-REQ/RSP, DSC-REQ/RSP or DSD-REQ/RSP. Figure [BEGIN DELETE]~~474~~[END DELETE][BEGIN INSERT]472[END INSERT] represents accounting primitives initiated by the NCMS.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1041 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 35 **Line** 54 **Fig/Table#** **Subclause** 14.2.1.1

ACK is not supported over the M-SAP. If the M-ACM-ACK is an acknowledgement, then the Attribute list should be shorter (e.g., why include an Accounting Record Type?) The attributes are the same as in the ACM-REQ primitive, which does not make sense.

Suggested Remedy

Remove M-ACM-ACK entirely from the document:

1) Change: Accounting primitives consist of M-ACM-IND, ~~M-ACM-ACK,~~ M-ACM-REQ and M-ACM-RSP,
2) Remove M-ACM-ACK from figure 471
3) Remove section 14.2.1.2.4

GroupResolution **Decision of Group:** **Agree**

Remove M-ACM-ACK entirely from the document:

1) Change: Accounting primitives consist of M-ACM-IND, ~~M-ACM-ACK,~~ M-ACM-REQ and M-ACM-RSP,
2) Remove M-ACM-ACK from figure 471
3) Remove section 14.2.1.2.4

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1042 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 35 **Line** 54 **Fig/Table#** **Subclause** 14.2.1.1

Figure reference are incorrect.

Suggested Remedy

Accounting primitives consist of M-ACM-IND, M-ACM-ACK, M-ACM-REQ and M-ACM-RSP, as shown in Figure 4713 and Figure 4724. Figure 4713 represents accounting primitives initiated by a BS when it receives REG-REQ, DREG-REQ, DSA-REQ/RSP, DSC-REQ/RSP or DSD-REQ/RSP. Figure 4724 represents accounting primitives initiated by the NCMS.

GroupResolution **Decision of Group:** **Principle**

Modify text as:

Accounting primitives consist of M-ACM-IND, M-ACM-ACK, M-ACM-REQ and M-ACM-RSP, as shown in Figure 473471 and Figure 474472. Figure 473471 represents accounting primitives initiated by a BS when it receives REG-REQ, DREG-REQ, DSA-REQ/RSP, DSC-REQ/RSP or DSD-REQ/RSP. Figure 474472 represents accounting primitives initiated by the NCMS.

Modify text as:

Accounting primitives consist of M-ACM-IND, M-ACM-ACK, M-ACM-REQ and M-ACM-RSP, as shown in Figure [BEGIN DELETE]473[END DELETE][BEGIN INSERT]471[END INSERT] and Figure [BEGIN DELETE]474[END DELETE][BEGIN INSERT]472[END INSERT]. Figure [BEGIN DELETE]473[END DELETE][BEGIN INSERT]471[END INSERT] represents accounting primitives initiated by a BS when it receives REG-REQ, DREG-REQ, DSA-REQ/RSP, DSC-REQ/RSP or DSD-REQ/RSP. Figure [BEGIN DELETE]474[END DELETE][BEGIN INSERT]472[END INSERT] represents accounting primitives initiated by the NCMS.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** b) none needed

Same as comment#1040, already implemented.

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1043 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 35 **Line** 55 **Fig/Table#** **Subclause** 14.2.1.1

Text correction

Suggested Remedy

Accounting primitives consist of M-ACM-IND, M-ACM-ACK, M-ACM-REQ and M-ACM-RSP, as shown in Figure 4713 and Figure 4724. Figure 4713 represents accounting primitives initiated by a BS when it receives REG-REQ, DREG-REQ, DSA-REQ/RSP, DSC-REQ/RSP or DSD-REQ/RSP. Figure 4724 represents accounting primitives initiated by the NCMS.

GroupResolution **Decision of Group:** **Principle**

Modify text as:

Accounting primitives consist of M-ACM-IND, M-ACM-ACK, M-ACM-REQ and M-ACM-RSP, as shown in Figure 473471 and Figure 474472. Figure 473471 represents accounting primitives initiated by a BS when it receives REG-REQ, DREG-REQ, DSA-REQ/RSP, DSC-REQ/RSP or DSD-REQ/RSP. Figure 474472 represents accounting primitives initiated by the NCMS.

Modify text as:

Accounting primitives consist of M-ACM-IND, M-ACM-ACK, M-ACM-REQ and M-ACM-RSP, as shown in Figure [BEGIN DELETE]473[END DELETE][BEGIN INSERT]471[END INSERT] and Figure [BEGIN DELETE]474[END DELETE][BEGIN INSERT]472[END INSERT]. Figure [BEGIN DELETE]473[END DELETE][BEGIN INSERT]471[END INSERT] represents accounting primitives initiated by a BS when it receives REG-REQ, DREG-REQ, DSA-REQ/RSP, DSC-REQ/RSP or DSD-REQ/RSP. Figure [BEGIN DELETE]474[END DELETE][BEGIN INSERT]472[END INSERT] represents accounting primitives initiated by the NCMS.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** b) none needed

Same as comment#1040, already implemented.

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1044 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 38 **Line** 42 **Fig/Table#** **Subclause** 14.2.1.2.2

Accounting session is per service flow, similarly, accounting info needs to be clearly stated as applied to the service flows

Suggested Remedy

MS MAC Address
48-bit MAC address which will identify MS
Service Flow identifier
32-bit service flow identifier which will identify service flows of an MS, which the accounting information is provided
Result Code
The result of M-ACM-REQ
Accounting Record Type
The type of accounting record being sent and EVENT_RECORD, START_RECORD, INTERIM_RECORD, and STOP_RECORD are currently defined. An Event Record is used to indicate that a one-time event has occurred (meaning that the start and end of the event are simultaneous). A Start Record is used to initiate an accounting session and contains accounting information that is relevant to the initiation of the session. An Interim Record contains cumulative
accounting information for an existing accounting session. A Stop Record is sent to terminate
an accounting session and contains cumulative accounting information relevant to the existing session.
Accounting Record Number
Identifies accounting record within one session
Accounting Input Octets
The number of octets received from the MS for the given service flow(s) during the session.
Accounting Output Octets
The number of octets sent to the MS for the given service flow(s) during the session.
Accounting Input Packets
The number of packets received from the MS for the given service flow(s) during the session.
Accounting Output Packets
The number of packets sent to the MS for the given service flow(s) during the session.
Accounting Lost Octets
The number of undelivered octets to the MS for the given service flow(s) on wireless link during the accounting session.
Accounting Lost Packets
The number of undelivered packets to the MS for the given service flow(s) on the wireless link during the accounting session.
Service Flow Information
Required QoS information of ~~a~~ the service flow, which the accounting information is provided. It includes traffic characteristics and a scheduling type such as service class name, QoS parameter set type, maximum sustained traffic rate, maximum
traffic burst, minimum reserved traffic rate, minimum tolerable traffic rate, service flow scheduling type, tolerate jitter and maximum

latency.
Accounting Correlation Index
Provides a unique correlation index for generated records. This field can contain the Account Session ID or the Account-Multi-Session ID that is typically used by the AAA server to consolidate
the session records.

GroupResolution **Decision of Group:** **Principle**

Change all instances of 'MS' to 'SS' in section 14.2.1

Modify text as:

MS MAC Address
48-bit MAC address which will identify MS
Service Flow identifier
32-bit service flow identifier which will identify service flows of an MS, which the accounting information is provided for
Result Code
The result of M-ACM-REQ
Accounting Record Type
The type of accounting record being sent and EVENT_RECORD, START_RECORD, INTERIM_RECORD, and STOP_RECORD are currently defined. An Event Record is used to indicate that a one-time event has occurred (meaning that the start and end of the event are simultaneous). A Start Record is used to initiate an accounting session and contains accounting information that is relevant to the initiation of the session. An Interim Record contains cumulative
accounting information for an existing accounting session. A Stop Record is sent to terminate
an accounting session and contains cumulative accounting information relevant to the existing session.
Accounting Record Number
Identifies accounting record within one session
Accounting Input Octets
The number of octets received from the MS for the given service flow during the session.
Accounting Output Octets
The number of octets sent to the MS for the given service flow during the session.
Accounting Input Packets
The number of packets received from the MS for the given service flow during the session.
Accounting Output Packets
The number of packets sent to the MS for the given service flow during the session.
Accounting Lost Octets
The number of undelivered octets to the MS for the given service flow on wireless link during the accounting session.
Accounting Lost Packets
The number of undelivered packets to the MS for the given service flow on the wireless link during the accounting session.
Service Flow Information

Required QoS information of ~~a~~ the service flow, which the accounting information is provided. It includes traffic characteristics and a scheduling type such as service class name, QoS parameter set type, maximum sustained traffic rate, maximum traffic burst, minimum reserved traffic rate, minimum tolerable traffic rate, service flow scheduling type, tolerate jitter and maximum latency.

Accounting Correlation Index

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1045 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 39 **Line** 37 **Fig/Table#** **Subclause** 14.2.1.2.3

M-ACM-IND is also a result of DSA/DSC/DSD messages

Suggested Remedy

This primitive is issued by a BS to inform the NCMS of accounting event for MS Network Entry after Registration request/response (REG-REQ/RSP), ~~or~~ Deregistration command (DREG-CMD) of an MS or DSA/DSC/DSD-REQ/RSP events.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

This primitive is issued by a BS to inform the NCMS of accounting event for MS Network Entry after Registration request/response (REG-REQ/RSP), ~~or~~ Deregistration command (DREG-CMD) of an MS or DSA/DSC/DSD-REQ/RSP events.

Modify text as:

This primitive is issued by a BS to inform the NCMS of accounting event for MS Network Entry after Registration request/response (REG-REQ/RSP)[BEGIN INSERT], ~~or~~ [END INSERT]Deregistration command (DREG-CMD) of an MS [BEGIN INSERT]or DSA/DSC/DSD-REQ/RSP events.[END INSERT]

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

This remedy contradicts some of the deletions done by comment#9 (record#91), C802.16g-07/007r2. The Editor tried to implement both comments by having two statements in parallel, at beginning of 14.2.1.2.3.

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1046 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 40 **Line** 6 **Fig/Table#** **Subclause** 14.2.1.2.3

Accounting session is per service flow, similarly, accounting info needs to be clearly stated as applied to the service flows

Suggested Remedy

MS MAC Address
48-bit MAC address which will identify MS
Service Flow identifier
32-bit service flow identifier which will identify service flows of an MS, which the accounting information is provided
Result Code
The result of M-ACM-REQ
Accounting Record Type
The type of accounting record being sent and EVENT_RECORD, START_RECORD, INTERIM_RECORD, and STOP_RECORD are currently defined. An Event Record is used to indicate that a one-time event has occurred (meaning that the start and end of the event are simultaneous). A Start Record is used to initiate an accounting session and contains accounting information that is relevant to the initiation of the session. An Interim Record contains cumulative
accounting information for an existing accounting session. A Stop Record is sent to terminate
an accounting session and contains cumulative accounting information relevant to the existing session.
Accounting Record Number
Identifies accounting record within one session
Accounting Input Octets
The number of octets received from the MS for the given service flow(s) during the session.
Accounting Output Octets
The number of octets sent to the MS for the given service flow(s) during the session.
Accounting Input Packets
The number of packets received from the MS for the given service flow(s) during the session.
Accounting Output Packets
The number of packets sent to the MS for the given service flow(s) during the session.
Accounting Lost Octets
The number of undelivered octets to the MS for the given service flow(s) on wireless link during the accounting session.
Accounting Lost Packets
The number of undelivered packets to the MS for the given service flow(s) on the wireless link during the accounting session.
Service Flow Information
Required QoS information of ~~a~~ the service flow, which the accounting information is provided. It includes traffic characteristics and a scheduling type such as service class name, QoS parameter set type, maximum sustained traffic rate, maximum
traffic burst, minimum reserved traffic rate, minimum tolerable traffic rate, service flow scheduling type, tolerate jitter and maximum

latency.

Accounting Correlation Index

Provides a unique correlation index for generated records. This field can contain the Account Session ID or the Account-Multi-Session ID that is typically used by the AAA server to consolidate
the session records.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

MS MAC Address

48-bit MAC address which will identify MS

Service Flow identifier

32-bit service flow identifier which will identify service flows of an MS, which the accounting information is provided

Result Code

The result of M-ACM-REQ

Accounting Record Type

The type of accounting record being sent and EVENT_RECORD, START_RECORD, INTERIM_RECORD, and STOP_RECORD are currently defined. An Event Record is used to indicate that a one-time event has occurred (meaning that the start and end of the event are simultaneous). A Start Record is used to initiate an accounting session and contains accounting information that is relevant to the initiation of the session. An Interim Record contains cumulative
accounting information for an existing accounting session. A Stop Record is sent to terminate
an accounting session and contains cumulative accounting information relevant to the existing session.

Accounting Record Number

Identifies accounting record within one session

Accounting Input Octets

The number of octets received from the MS for the given service flow(s) during the session.

Accounting Output Octets

The number of octets sent to the MS for the given service flow(s) during the session.

Accounting Input Packets

The number of packets received from the MS for the given service flow(s) during the session.

Accounting Output Packets

The number of packets sent to the MS for the given service flow(s) during the session.

Accounting Lost Octets

The number of undelivered octets to the MS for the given service flow(s) on wireless link during the accounting session.

Accounting Lost Packets

The number of undelivered packets to the MS for the given service flow(s) on the wireless link during the accounting session.

Service Flow Information

Required QoS information of ~~a~~ the service flow, which the accounting information is provided. It includes traffic characteristics and a scheduling type such as service class name, QoS parameter set type, maximum sustained traffic rate, maximum

traffic burst, minimum reserved traffic rate, minimum tolerable traffic rate, service flow scheduling type, tolerate jitter and maximum latency.

Accounting Correlation Index

Provides a unique correlation index for generated records. This field can contain the Account Session ID or the Account-Multi-Session ID that is typically used by the AAA server to consolidate

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes

Editor's Actions a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1047 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 40 **Line** 53 **Fig/Table#** **Subclause**

M-ACM-IND is also generated when the service flow is changing (not just start and stop)

Suggested Remedy

This primitive is generated at a BS when an MS enters a network or terminates its ~~to~~ access to the ~~a~~ network, or when an MS starts, ~~or~~ stops, or changes the dynamic services.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

This primitive is generated at a BS when an MS enters a network or terminates its ~~to~~ access to the ~~a~~ network, or when an MS starts, ~~or~~ stops, or changes the dynamic services.

Modify text as:

This primitive is generated at a BS when an MS enters a network or terminates [BEGIN INSERT]its[END INSERT] [BEGIN DELETE]~~to~~[END DELETE] access [BEGIN INSERT]to the[END INSERT] [BEGIN DELETE]~~a~~[END DELETE] network, or when an MS starts[BEGIN INSERT],[END INSERT] [BEGIN DELETE]~~or~~[END DELETE] stops, [BEGIN INSERT]or changes the[END INSERT] dynamic services.

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

This can't be implemented since the same sentence has been largely changed by comment#9 (record#91), C802.16g-07/007r2, so this remedy doesn't fit any more.

Comment by: JeeHyeon Na **Membership Status:** Nonmember **Date:** 2006-01-11

Comment # 1048 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 41 **Line** 36 **Fig/Table#** **Subclause** 14.2.1.2.4

Change "A-ACM-Indication" to "M-MCM-IND"

Suggested Remedy

GroupResolution **Decision of Group:** **Principle**

Change from:
"A-ACM-Indication"
to:
"M-ACM-IND"

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Section 14.2.1.2.4 has been deleted, including that word A-ACM-Indication.

Comment by: Jaesun Cha **Membership Status:** Member **Date:** 2006-01-11

Comment # 1049 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 44 **Line** 5 **Fig/Table#** **Subclause** 14.2.2.1.1

Object ID was changed to Destination in the last meeting.
Thus, any object_Id in the current draft shall be changed to destination

Suggested Remedy

[Change all the occurrence of 'Object ID' to 'Destination']

[Change the description of Object ID on page 142 as follows]
~~Object ID~~Destination
~~Object identifier~~Desination of this primitive

GroupResolution **Decision of Group:** **Agree**

Modify text as:

[Change all the occurrence of 'Object ID' to 'Destination']

[Change the description of Object ID on page 142 as follows]
~~Object ID~~Destination
~~Object identifier~~Desination of this primitive

Modify text as:

[Change all the occurrence of 'Object ID' to 'Destination']

[Change the description of Object ID on page 142 as follows]
[BEGIN DELETE]~~Object ID~~[END DELETE][BEGIN INSERT]Destination[END INSERT]
[BEGIN DELETE]~~Object identifier~~[END DELETE][BEGIN INSERT]Desination of this primitive[END INSERT]

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

2007/07/27 **IEEE 802.16-07/002r5**

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # **1050** **Document under Review:** **P802.16g/D6** **Ballot ID:** **P802.16g/D6**

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 48 **Line** 30 **Fig/Table#** **Subclause** 14.2.2.2

Add table number to text

Suggested Remedy

In section 14.2.2.2 add the following:

The possible Event Types for this primitive are listed in Table 452 below:

GroupResolution **Decision of Group:** **Agree**

In section 14.2.2.2, modify the text as:

The possible Event Types for this primitive are listed in Table 452 below:

In section 14.2.2.2, modify the text as:

The possible Event Types for this primitive are listed in Table [BEGIN INSERT]452[END INSERT] below:

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Changed it to "in the following table" (as is common practice in all other chapters).

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1051 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 49 **Line** 6 **Fig/Table#** **Subclause**

Text corrections

Suggested Remedy

SS's certificate which is issued by a trusted CA

When generated:

This primitive is issued by a BS (when the BS does not have CA information that generates the certificate) when an SS requests the BS for authentication to access the network.

Effect of receipt:

The NCMS verifies the validity of the SS's certificate.

14.2.2.2.3 C-SM-RSP

This primitive (or message) is used by the NCMS to respond ~~se~~ to the security information request. The Operation Type included in this primitive defines the type of security operation in Authentication and Re authentication procedure to be performed. The possible Operation Types for this primitive are listed in Table below:

Operation Type:Action Type: Description:
Action:Certificate Validation: Certificate Verification response

Function:

This primitive informs the ~~a~~ BS of the result of the SS's authentication by the NCMS entity.

GroupResolution **Decision of Group:** **Agree**

Modify the text as:

SS's certificate which is issued by a trusted CA

When generated:

This primitive is issued by a BS (when the BS does not have CA information that generates the certificate) when an SS requests the BS for authentication to access the network.

Effect of receipt:

The NCMS verifies the validity of the SS's certificate.

14.2.2.2.3 C-SM-RSP

This primitive (or message) is used by the NCMS to respond ~~se~~ to the security information request. The Operation Type included in this primitive defines the type of security operation in Authentication and Re authentication procedure to be performed. The possible Operation Types for this primitive are listed in Table below:

Operation Type:Action Type: Description:
Action:Certificate Validation: Certificate Verification response

Function:

This primitive informs the ~~a~~ BS of the result of the SS's authentication by the NCMS entity.

Modify the text as:

SS's certificate which is issued by a trust[BEGIN INSERT]ed[END INSERT] CA

When generated:

This primitive is issued by a BS (when the BS does not have CA information that generates the certificate) when an SS requests the BS for authentication to access the network

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes

Editor's Actions a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1052 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 50 **Line** 1 **Fig/Table#** **Subclause** 14.2.2.2.3

text corrections. Also spell out pre-PAK

Suggested Remedy

When generated:
This primitive informs the BS the results of the authentication. ~~result of a BS by a NCMS.~~

Effect of receipt:

The BS transmits the PKM-RSP message to the SS. If the result is successful, a pre-Primary AK is included in it.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

When generated:
This primitive informs the BS the results of the authentication. ~~result of a BS by a NCMS.~~

Effect of receipt:

The BS transmits the PKM-RSP message to the SS. If the result is successful, a pre-Primary AK is included in it.

Modify text as:

When generated:
This primitive informs [BEGIN INSERT]the BS the results of the[END INSERT] authentication. [BEGIN DELETE]~~result of a BS by a NCMS.~~[END DELETE]

Effect of receipt:

The BS transmits the PKM-RSP message to the SS. If the result is success[BEGIN INSERT]ful[END INSERT], a pre-[BEGIN INSERT]Primary[END INSERT] AK is included in it.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

2007/07/27 **IEEE 802.16-07/002r5**

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # **1053** **Document under Review:** **P802.16g/D6** **Ballot ID:** **P802.16g/D6**

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 52 **Line** 19 **Fig/Table#** **Subclause**

Text correction

Suggested Remedy

It is present ~~s~~ when the information could be provided.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

It is present ~~s~~ when the information could be provided.

Modify text as:

It [BEGIN INSERT]is[END INSERT] present [BEGIN DELETE]~~s~~[END DELETE] when the information could be provided.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1054 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 53 **Line** 45 **Fig/Table#** **Subclause** 14.2.3

M-SMC-IND primitive usage is incorrect

Suggested Remedy

Replace section 14.2.3 with text in contribution C80216g-07_010.doc

GroupResolution **Decision of Group:** **Principle**

Accept contribution C802.16g-07/010r2

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1055 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 58 **Line** 22 **Fig/Table#** **Subclause** 14.2.4.1

Editorial corrections

Suggested Remedy

In Normal Operation, an MS transmits and receives packets to/from a BS. Currently, ~~two~~ three subscriber modes are defined, i.e., Normal, Sleep and Idle Modes. Sleep Mode is intended to minimize an MS power usage and decrease usage of serving BS air interface resources by pre-negotiated periods of absence from the serving BS air interface. Idle Mode allows an MS to become periodically available for DL broadcast traffic without registration at a specific BS as the MS traverses an air link environment populated by multiple BSs, and thus, allows the MS to conserve power and operational resources.

_____Figure 480 is inserted here_____

Sleep Mode operation is defined between an MS and a BS only, and the NCMS does not need to manage the ~~Sleep Mode of~~ subscriber's Sleep Mode. Thus, both an MS and a BS manage the ~~all~~ Normal Operation, Sleep Mode, and Idle Mode of the subscriber. On the other hand, the NCMS manages Normal Operation and Idle Mode. Subscriber Mode transitions at an MS, BS and the NCMS are illustrated in Figures 4802~~2~~ and 4813~~3~~.

Figure 480 shows Subscriber Mode transition diagram at both an MS and a BS. Subscriber Mode at both an MS and a BS changes from Normal Operation to Idle Mode when the MS issues an MS De-registration Request (DREG-REQ) message with De-Registration_Request_Code=0x01 or the BS issues an De-register Command (DREG-CMD) message with Action Code = 0x05. Then, the MS stays at Idle Mode and updates its location when the paging group changes. The Subscriber Mode returns back to Normal Operation from Idle Mode after completing Network re-entry. Transition from Normal Operation to Sleep Mode is performed after an MS successfully exchanges Sleep Request (MOB_SLP-REQ) and Sleep Response (MOB_SLP-RSP) messages with a BS. If there is any DL traffic toward an MS from a BS, MOB_TRF-IND is broadcast to the MS from the BS and the Subscriber Mode of the MS and the BS changes from Sleep Mode to Normal Operation. If there is any UL traffic from an MS, Bandwidth Request (BW Request) is sent to the serving BS from the MS and the Subscriber Mode of the MS and the BS changes from Sleep Mode to Normal Operation~~, too~~.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

In Normal Operation, an MS transmits and receives packets to/from a BS. Currently, ~~two~~ three subscriber modes are defined, i.e., Normal, Sleep and Idle Modes. Sleep Mode is intended to minimize an MS power usage and decrease usage of serving BS air interface resources by pre-negotiated periods of absence from the serving BS air interface. Idle Mode allows an MS to become periodically available for DL broadcast traffic without registration at a specific BS as the MS traverses an air link environment populated by multiple BSs, and thus, allows the MS to conserve power and operational resources.

_____Figure 480 is inserted here_____

Sleep Mode operation is defined between an MS and a BS only, and the NCMS does not need to manage the ~~Sleep Mode of~~ subscriber's Sleep Mode. Thus, both an MS and a BS manage the ~~all~~ Normal Operation, Sleep Mode, and Idle Mode of the subscriber. On the other hand, the NCMS manages Normal Operation and Idle Mode. Subscriber Mode transitions at an MS, BS and the NCMS are illustrated in Figures 4802~~2~~ and 4813~~3~~.
Figure 480 shows Subscriber Mode transition diagram at both an MS and a BS. Subscriber Mode at both an MS and a BS changes from Normal Operation to Idle Mode when the MS issues an MS De-registration Request (DREG-REQ) message with De-Registration_Request_Code=0x01 or the BS issues an De-register Command (DREG-CMD) message with Action Code = 0x05. Then, the MS stays at Idle Mode and updates its location when the paging group changes. The Subscriber Mode returns back to Normal Operation from Idle Mode after completing Network re-entry. Transition from Normal Operation to Sleep Mode is performed after an MS successfully exchanges Sleep Request (MOB_SLP-REQ) and Sleep Response (MOB_SLP-RSP) messages with a BS. If there is any DL traffic toward an MS from a BS, MOB_TRF-IND is broadcast to the MS from the BS and the Subscriber Mode of the MS and the BS changes from Sleep Mode to Normal Operation. If there is any UL traffic from an MS, Bandwidth Request (BW Request) is sent to the serving BS from the MS and the Subscriber Mode of the MS and the BS changes from Sleep Mode to Normal Operation~~, too~~.

Modify text as:

In Normal Operation, an MS transmits and receives packets to/from a BS. Currently, [BEGIN DELETE]~~two~~[END DELETE] [BEGIN INSERT]three[END INSERT] subscriber modes are defined, i.e., [BEGIN INSERT]Normal[END INSERT], Sleep and Idle Modes. Sleep Mode is intended to minimize an MS power usage and decrease usage of serving BS air interface resources by pre-negotiated periods of absence from the serving BS air interface. Idle Mode allows an MS to become periodically available for DL broadcast traffic without registration at a specific BS as the MS traverses an air link environment populated by multiple BSs, and thus, allows the MS to conserve power and operational resources.

_____Figure 480 is inserted here_____

Sleep Mode operation is defined between an MS and a BS only, and the NCMS does not need to manage [BEGIN INSERT]the[END

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1056 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 63 **Line** 23 **Fig/Table#** **Subclause** 14.2.4.2.1

text correction

Suggested Remedy

Function:
•Idle mode initiation:
This primitive is issued by a BS to inform ~~a~~ the paging services management entity ~~of Paging Services~~ in the NCMS that an MS requests to initiate Idle Mode. This primitive can also be issued by the NCMS to force MS into an Idle mode by instructing the BS to initiate a DREG-CMD to the MS with Action Code = 0x05.
•Network re-entry from Idle mode:
This primitive is issued by a BS to inform the paging services ~~a~~ management entity ~~of Paging Services~~ that the specified MS is attempting to re-enter network in response to paging.

GroupResolution **Decision of Group:** **Principle**

Modify text as:

Function:
•Idle mode initiation:
This primitive is issued by a BS to inform ~~a~~ the Paging and Idle Mode Services ~~management~~ entity ~~of Paging Services~~ in the NCMS that an MS requests to initiate Idle Mode. This primitive can also be issued by the NCMS to force MS into an Idle mode by instructing the BS to initiate a DREG-CMD to the MS with Action Code = 0x05.
•Network re-entry from Idle mode:
This primitive is issued by a BS to inform the Paging and Idle Mode Services ~~a management~~ entity ~~of Paging Services~~ that the specified MS is attempting to re-enter network in response to paging.

Modify text as:

Function:
•Idle mode initiation:
This primitive is issued by [BEGIN INSERT]a[END INSERT] BS to inform [BEGIN DELETE]~~a~~[END DELETE] the [BEGIN INSERT]Paging and Idle Mode Services[END INSERT] [BEGIN DELETE]~~management~~[END DELETE] entity [BEGIN DELETE]~~of Paging Services~~[END DELETE] in [BEGIN INSERT]the[END INSERT] NCMS that an MS requests to initiate Idle Mode. This primitive can also be issued by the NCMS to force MS into an Idle mode by instructing the BS to initiate a DREG-CMD to the MS with Action Code = 0x05.
•Network re-entry from Idle mode:

This primitive is issued by a BS to inform [BEGIN INSERT]the Paging and Idle Mode Services[END INSERT] [BEGIN DELETE]~~a management~~[END DELETE] entity [BEGIN DELETE]~~of Paging Services~~[END DELETE] that the specified MS is attempting to re-enter network in response to paging.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

2007/07/27 **IEEE 802.16-07/002r5**

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # **1057** **Document under Review:** **P802.16g/D6** **Ballot ID:** **P802.16g/D6**

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 63 **Line** 64 **Fig/Table#** **Subclause** 14.2.4.2.1

Text clarity

Suggested Remedy

Paging Controller ID shall be set to BSID when a BS is acting as the Paging Controller.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

Paging Controller ID shall be set to BSID when a BS is acting as the Paging Controller.

Modify text as:

Paging Controller ID shall be set to BSID when a BS is acting as [BEGIN INSERT]the[END INSERT] Paging Controller.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1058 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 64 **Line** 12 **Fig/Table#** **Subclause** 14.2.4.2.1

Text clarity section 14.2.4.2.1

Suggested Remedy

Service Flow parameters
Parameters for the existing Service Flow ~~which exists~~ without actually ~~being~~ activating it ~~ed~~ to carry traffic at MS Idle Mode Initiation, e.g. Paging Preference.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

Service Flow parameters
Parameters for the existing Service Flow ~~which exists~~ without actually ~~being~~ activating it ~~ed~~ to carry traffic at MS Idle Mode Initiation, e.g. Paging Preference.

Modify text as:

Service Flow parameters
Parameters for the existing Service Flow [BEGIN DELETE]~~which exists~~[END DELETE] without actually [BEGIN DELETE]~~being~~[END DELETE] activat[BEGIN INSERT]ing it[END INSERT] [BEGIN DELETE]~~ed~~[END DELETE] to carry traffic at MS Idle Mode Initiation, e.g. Paging Preference.

Reason for Group's Decision/Resolution

Group's Notes
Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1059 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 64 **Line** 48 **Fig/Table#** **Subclause** 14.2.4.2.1

Text clarity section 14.2.4.2.1

Suggested Remedy

Paging Controller ID shall be set to BSID when a BS is acting as the Paging Controller.

GroupResolution **Decision of Group:** Agree

Modify text as:

Paging Controller ID shall be set to BSID when a BS is acting as the Paging Controller.

Modify text as:

Paging Controller ID shall be set to BSID when a BS is acting as [BEGIN INSERT]the[END INSERT] Paging Controller.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Done at two places where the same wording occurred.

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1060 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 65 **Line** 4 **Fig/Table#** **Subclause** 14.2.4.2.1

Text corrections in sections 14.2.4.2.1 and 14.2.4.2.2.

Suggested Remedy

Idle Mode Initiation:
This primitive shall be generated on the BS side and ~~a~~ the Paging Services management entity ~~of Paging Services~~ shall respond to this primitive by sending C-PG-RSP(Idle_Mode_Initialization).
•Network Re-Entry from Idle Mode:
C-PG-REQ(Network_Re-Entry_from_Idle_Mode) notifies ~~a~~ the the Paging Services management entity ~~of Paging Services~~ that the specified MS is attempting to re-enter network through the specified BS in order to receive DL traffic. The management entity also checks the MS service and operational information for the MS, and transmits C-PG-RSP(Network_Re-Entry_from_Idle_Mode) in response to this primitive.

14.2.4.2.2 C-PG-RSP
This primitive is used by an 802.16 entity or NCMS to respond to an idle mode service request. The Operation Type included in this primitive defines the type of idle mode service procedure to be performed. The possible
Operation Types for this primitive are listed in Table below:

_____Table here _____

Function:
•Idle Mode Initiation:
This primitive is issued by the Paging Services ~~a~~ management entity ~~in Paging Services~~ in the NCMS in response ~~to respond~~ to the C-PG-REQ(Idle_Mode_Initialization) primitive.
•Network Re-Entry from Idle Mode:
This primitive is issued by the Paging Services ~~a~~ management entity ~~of Paging Services~~ to confirm the MS Network Re-entry from Idle Mode and provides~~-~~ the BS, at which the MS is attempting to re-enter the network, with service and operational information.

GroupResolution **Decision of Group:** **Principle**

Modify text as:

Idle Mode Initiation:
This primitive shall be generated on the BS side and ~~a~~ the Paging and Idle Mode Services ~~management~~ entity ~~of Paging Services~~ shall respond to this primitive by sending C-PG-RSP(Idle_Mode_Initialization).
•Network Re-Entry from Idle Mode:

C-PG-REQ(Network_Re-Entry_from_Idle_Mode) notifies ~~a~~ the Paging and Idle Mode Services ~~management~~ entity ~~of Paging Services~~ that the specified MS is attempting to re-enter network through the specified BS in order to receive DL traffic. The management entity also checks the MS service and operational information for the MS, and transmits C-PG-RSP(Network_Re-Entry_from_Idle_Mode) in response to this primitive.

14.2.4.2.2 C-PG-RSP

This primitive is used by an 802.16 entity or NCMS to respond to an idle mode service request. The Operation Type included in this primitive defines the type of idle mode service procedure to be performed. The possible
Operation Types for this primitive are listed in Table below:

_____Table here _____

Function:

•Idle Mode Initiation:
This primitive is issued by the Paging and Idle Mode Services ~~a management~~ entity ~~in Paging Services~~ in the NCMS in response ~~to respond~~ to the C-PG-REQ(Idle_Mode_Initialization) primitive.

•Network Re-Entry from Idle Mode:

This primitive is issued by the Paging and Idle Mode Services ~~a management~~ entity ~~of Paging Services~~ to confirm the MS Network Re-entry from Idle Mode and provide~~s~~ the BS, at which the MS is attempting to re-enter the network, with service and operational information.

Modify text as:

Idle Mode Initiation:

This primitive shall be generated on [BEGIN INSERT]the[END INSERT] BS side and [BEGIN DELETE]~~a~~[END DELETE] [BEGIN INSERT]the Paging and Idle Mode Services[END INSERT] [BEGIN DELETE]~~management~~[END DELETE] entity [BEGIN DELETE]~~of Paging Services~~[END DELETE] shall respond to this primitive by sending C-PG-RSP(Idle_Mode_Initialization).

•Network Re-Entry from Idle Mode:

C-PG-REQ(Network_Re-Entry_from_Idle_Mode) notifies [BEGIN DELETE]~~a~~[END DELETE] [BEGIN INSERT]the Paging and Idle Mode Services[END INSERT] [BEGIN DELETE]~~management~~[END DELETE] entity [BEGIN DELETE]~~of Paging Services~~[END DELETE] that

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1061 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 65 **Line** 4 **Fig/Table#** **Subclause** 14.2.4.2.1

Text correction

Suggested Remedy

Effect of receipt:

•Idle Mode Initiation:

This primitive shall be generated on the BS side and ~~a~~ the Paging Services management entity ~~of Paging Services~~ shall respond to this primitive by sending C-PG-RSP(Idle_Mode_Initialization).

•Network Re-Entry from Idle Mode:

C-PG-REQ(Network_Re-Entry_from_Idle_Mode) notifies ~~a~~ the Paging Services management entity ~~of Paging Services~~ that the specified MS is attempting to re-enter network through the specified BS in order to receive DL traffic. The management entity also checks the MS service and operational information for the MS, and transmits C-PG-RSP(Network_Re-Entry_from_Idle_Mode) in response to this primitive.

14.2.4.2.2 C-PG-RSP

This primitive is used by an 802.16 entity or NCMS to respond ~~a~~ to an idle mode service request. The Operation Type included in this primitive defines the type of idle mode service procedure to be performed. The possible Operation Types for this primitive are listed in Table below:

_____Table Here_____

Function:

•Idle Mode Initiation:

This primitive is issued by ~~a~~ the Paging Services management entity ~~in Paging Services~~ in the NCMS to respond to C-PG-REQ(Idle_Mode_Initialization).

•Network Re-Entry from Idle Mode:

This primitive is issued by ~~a~~ the Paging Services management entity ~~of Paging Services~~ in the NCMS to confirm the MS Network Re-entry from Idle Mode and provides the BS at which the MS is attempting to re-enter network with service and operational information.

GroupResolution **Decision of Group:** **Principle**

Modify text as:

Effect of receipt:

•Idle Mode Initiation:

This primitive shall be generated on the BS side and ~~a~~ the Paging and Idle Mode Services ~~management~~ entity ~~of Paging Services~~ shall respond to this primitive by sending C-PG-RSP(Idle_Mode_Initialization).

•Network Re-Entry from Idle Mode:
C-PG-REQ(Network_Re-Entry_from_Idle_Mode) notifies ~~a~~ the Paging and Idle Mode Services ~~management~~ entity ~~of Paging Services~~ that the specified MS is attempting to re-enter network through the specified BS in order to receive DL traffic. The management entity also checks the MS service and operational information for the MS, and transmits C-PG-RSP(Network_Re-Entry_from_Idle_Mode) in response to this primitive.

14.2.4.2.2 C-PG-RSP

This primitive is used by an 802.16 entity or NCMS to respond ~~a~~ to an idle mode service request. The Operation Type included in this primitive defines the type of idle mode service procedure to be performed. The possible Operation Types for this primitive are listed in Table below:

_____Table Here_____

Function:

•Idle Mode Initiation:
This primitive is issued by ~~a~~ the Paging and Idle Mode Services ~~management~~ entity ~~in Paging Services~~ in the NCMS to respond to C-PG-REQ(Idle_Mode_Initialization).

•Network Re-Entry from Idle Mode:
This primitive is issued by ~~a~~ the Paging and Idle Mode Services ~~management~~ entity ~~of Paging Services~~ in the NCMS to confirm the MS Network Re-entry from Idle Mode and provides the BS at which the MS is attempting to re-enter network with service and operational information.

Modify text as:

Effect of receipt:

•Idle Mode Initiation:
This primitive shall be generated on [BEGIN INSERT]the[END INSERT] BS side and [BEGIN DELETE]~~a~~ [BEGIN INSERT]the Paging and Idle Mode Services[END INSERT [BEGIN DELETE]~~management~~[END DELETE] entity [BEGIN DELETE]~~of Paging Services~~[END DELETE] shall respond to this primitive by sending C-PG-RSP(Idle_Mode_Initialization).

•Network Re-Entry from Idle Mode:
C-PG-REQ(Network_Re-Entry_from_Idle_Mode) notifies [BEGIN DELETE]~~a~~[END DELETE] [BEGIN INSERT]the Paging and Idle Mode Services[END INSERT] [BEGIN DELETE]~~management~~[END DELETE] entity [BEGIN DELETE]~~of Paging Services~~[END DELETE] that

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** b) none needed

Duplication of record #116. cmt#1060.

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1062 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 66 **Line** 11 **Fig/Table#** **Subclause** 14.2.4.2.2

Text corrections in section 14.2.4.2.2

Suggested Remedy

The Paging Controller ID shall be set to the BSID when a BS is acting as the Paging Controller.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

The Paging Controller ID shall be set to the BSID when a BS is acting as the Paging Controller.

Modify text as:

[BEGIN INSERT]The[END INSERT] Paging Controller ID shall be set to [BEGIN INSRET]the[END INSERT] BSID when a BS is acting as [BEGIN INSERT]the[END INSERT] Paging Controller.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1063 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 66 **Line** 11 **Fig/Table#** **Subclause** 14.2.4.2.2

Text correction

Suggested Remedy

Paging Controller ID
A logical network identifier for the serving BS or other network entity retaining MS service and operational information and/or administrating paging activity for the MS while in Idle Mode. The Paging Controller ID shall be set to the BSID when a BS is acting as the Paging Controller.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

Paging Controller ID
A logical network identifier for the serving BS or other network entity retaining MS service and operational information and/or administrating paging activity for the MS while in Idle Mode. The Paging Controller ID shall be set to the BSID when a BS is acting as the Paging Controller.

Modify text as:

Paging Controller ID
A logical network identifier for the serving BS or other network entity retaining MS service and operational information and/or administrating paging activity for the MS while in Idle Mode. [BEGIN INSERT]The[END INSERT] Paging Controller ID shall be set to [BEGIN INSERT]the[END INSERT] BSID when a BS is acting as [BEGIN INSERT]the[END INSERT] Paging Controller.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Done at about four places: Changed to “The Paging Controller ID shall be set to the BSID when a BS is acting as the Paging Controller.”

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1064 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 67 **Line** 30 **Fig/Table#** **Subclause** 14.2.4.2.3

Text corrections in section 14.2.4.2.3

Suggested Remedy

Function:
This primitive is issued by a BS to inform the Paging Services ~~a~~ management entity ~~of Paging Services~~ that an MS has re-entered network successfully.

Semantics of the service primitive:
The parameters of the primitives are as follows:
C-PG-ACK
(
Operation_type: Action,
Action_type: Network_Re-Entry from Idle Mode,
Destination: NCMS,
Attribute_List:
MS MAC Address
Paging Controller ID
BSID
)
MS MAC Address
48-bit MAC Address which will identify MS during Idle Mode
Paging Controller ID
A logical network identifier for the serving BS or other network entity retaining MS service and operational information and/or administrating paging activity for the MS while in Idle Mode. The Paging Controller ID shall be set to the BSID when a BS is acting as the Paging Controller.
BSID
A network identifier of the BS at which the MS is attempting to re-enter network

GroupResolution **Decision of Group:** **Principle**

Modify text as:

Function:
This primitive is issued by a BS to inform the Paging and Idle Mode Services ~~a management~~ entity ~~of Paging Services~~ that an MS has re-entered network successfully.

Semantics of the service primitive:
The parameters of the primitives are as follows:
C-PG-ACK
(
Operation_type: Action,
Action_type: Network_Re-Entry from Idle Mode,
Destination: NCMS,
Attribute_List:
MS MAC Address
Paging Controller ID
BSID
)
MS MAC Address
48-bit MAC Address which will identify MS during Idle Mode
Paging Controller ID
A logical network identifier for the serving BS or other network entity retaining MS service and operational information and/or administrating paging activity for the MS while in Idle Mode. The Paging Controller ID shall be set to the BSID when a BS is acting as the Paging Controller.
BSID
A network identifier of the BS at which the MS is attempting to re-enter network

Modify text as:

Function:
This primitive is issued by a BS to inform [BEGIN INSERT]the Paging and Idle Mode Services[END INSERT] [BEGIN DELETE]~~a management~~[END DELETE] entity [BEGIN DELETE]~~of Paging Services~~[END DELETE] that an MS has re-entered network successfully.

Semantics of the service primitive:
The parameters of the primitives are as follows:
C-PG-ACK

Reason for Group's Decision/Resolution

Group's Notes
Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1065 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 68 **Line** 27 **Fig/Table#** **Subclause** 14.2.4.2.4

Text corrections in section 14.2.4.2.4

Suggested Remedy

This primitive is issued by the Paging Services ~~a~~ management entity ~~of Paging Services~~ in the NCMS to notify a BS to page an Idle MS ~~which is supposed to be in Idle Mode~~ by transmitting MOB_PAG-ADV message including the MS MAC Address Hash and relevant Action Code.
Semantics of the service primitive:
The parameters of the primitives are as follows:
C-PG-IND
(
Event_Type: Paging Announce,
Destination: BS,
Attribute_List:
MS MAC Address
Paging Information
Action Code
)
MS MAC Address
48-bit MAC Address which will identify MS during Idle Mode
Paging Information
Paging Group ID, Paging Cycle, and Paging Offset parameters followed by MS in Idle Mode.
Action Code
Action required for MS in Idle Mode (e.g. Network Re-entry, ranging for location update, and so on)
When generated:
This primitive is generated by the Paging Services ~~a~~ management entity ~~of Paging Services~~ to request a BS to transmit a BS Broadcast Paging message.

GroupResolution **Decision of Group:** **Principle**

Modify the text as:

This primitive is issued by the Paging and Idle Mode Services ~~a management~~ entity ~~of Paging Services~~ in the NCMS to notify a BS to page an Idle MS ~~which is supposed to be in Idle Mode~~ by transmitting MOB_PAG-ADV message including the MS MAC Address Hash and relevant Action Code.
Semantics of the service primitive:

The parameters of the primitives are as follows:
C-PG-IND
(
Event_Type: Paging Announce,
Destination: BS,
Attribute_List:
MS MAC Address
Paging Information
Action Code
)
MS MAC Address
48-bit MAC Address which will identify MS during Idle Mode
Paging Information
Paging Group ID, Paging Cycle, and Paging Offset parameters followed by MS in Idle Mode.
Action Code
Action required for MS in Idle Mode (e.g. Network Re-entry, ranging for location update, and so on)
When generated:
This primitive is generated by the Paging and Idle Mode Services ~~a management~~ entity ~~of Paging Services~~ to request a BS to transmit a BS Broadcast Paging message.

Modify the text as:

This primitive is issued [BEGIN INSERT]by the Paging and Idle Mode Services[END INSERT] [BEGIN DELETE]~~a management~~[END DELETE] entity [BEGIN DELETE]~~of Paging Services~~ [END DELETE]in [BEGIN INSERT]the[END INSERT] NCMS to notify a BS to page an [BEGIN INSERT]Idle[END INSERT] MS [BEGIN DELETE]~~which is supposed to be in Idle Mode~~[END DELETE] by transmitting MOB_PAG-ADV message including the MS MAC Address Hash and relevant Action Code.
Semantics of the service primitive:
The parameters of the primitives are as follows:
C-PG-IND
(

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1066 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 68 **Line** 28 **Fig/Table#** **Subclause** 14.2.4.2.4

Suggested Remedy

Function:
This primitive is issued by the Paging Services ~~a~~ management entity ~~of Paging Services~~ in the NCMS to notify a BS to page an Idle MS ~~which is supposed to be in Idle Mode~~ by transmitting a MOB_PAG-ADV message including the MS MAC Address Hash and relevant Action Code.
Semantics of the service primitive:
The parameters of the primitives are as follows:
C-PG-IND
(
Event_Type: Paging Announce,
Destination: BS,
Attribute_List:
MS MAC Address
Paging Information
Action Code
)
MS MAC Address
48-bit MAC Address which will identify MS during Idle Mode
Paging Information
Paging Group ID, Paging Cycle, and Paging Offset parameters followed by MS in Idle Mode.
Action Code
Action required for MS in Idle Mode (e.g. Network Re-entry, ranging for location update, and so on)
When generated:
This primitive is generated by the Paging Services ~~a~~ management entity in the NCMS ~~of Paging Services~~ to request ~~a~~ the BS to transmit a ~~BS~~ Broadcast Paging message.

GroupResolution **Decision of Group:** **Principle**

Modify text as:

Function:
This primitive is issued by the Paging and Idle Mode Services ~~a management~~ entity ~~of Paging Services~~ in the NCMS to notify a BS to page an Idle MS ~~which is supposed to be in Idle Mode~~ by transmitting a MOB_PAG-ADV message including the MS MAC Address Hash and relevant Action Code.

Semantics of the service primitive:
The parameters of the primitives are as follows:
C-PG-IND
(
Event_Type: Paging Announce,
Destination: BS,
Attribute_List:
MS MAC Address
Paging Information
Action Code
)

MS MAC Address

48-bit MAC Address which will identify MS during Idle Mode

Paging Information

Paging Group ID, Paging Cycle, and Paging Offset parameters followed by MS in Idle Mode.

Action Code

Action required for MS in Idle Mode (e.g. Network Re-entry, ranging for location update, and so on)

When generated:

This primitive is generated by the Paging and Idle Mode Services ~~a management~~ entity in the NCMS ~~of Paging Services~~ to request ~~a~~ the BS to transmit a ~~BS~~ Broadcast Paging message.

Modify text as:

Function:

This primitive is issued by [BEGIN INSERT]the Paging and Idle Mode Services[END INSERT] [BEGIN DELETE]~~a management~~[END DELETE] entity [BEGIN DELETE]~~of Paging Services~~[END DELETE] in [BEGIN INSERT]the[END INSERT] NCMS to notify a BS to page an [BEGIN INSERT]Idle[END INSERT] MS [BEGIN DELETE]~~which is supposed to be in Idle Mode~~[BEGIN DELETE] by transmitting [BEGIN INSERT]a[END INSERT] MOB_PAG-ADV message including the MS MAC Address Hash and relevant Action Code.
Semantics of the service primitive:
The parameters of the primitives are as follows:

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1067 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 69 **Line** 10 **Fig/Table#** **Subclause** 14.2.4.3

Corrections to section 14.2.4.3

Suggested Remedy

Change section 14.2.4.3 per contribution C802g-07-003.doc

GroupResolution **Decision of Group:** **Principle**

Adopt contribution C802.16g-07/012

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1068 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 69 **Line** 10 **Fig/Table#** **Subclause** 14.2.4.3

Correct text in 14.2.4.3 and Figure 486

Suggested Remedy

Changes per contributions C80216g-07_012.doc

GroupResolution **Decision of Group:** **Agree**

Adopt contribution C802.16g-07/012

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Already done by comment #1067.

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1069 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 70 **Line** 22 **Fig/Table#** **Subclause** 14.2.4.3.1

Text correction

Suggested Remedy

Function:

This primitive is issued by a BS to inform the Mobility ~~a m~~ Management entity ~~of Mobility management services~~ in the NCMS that an MS requests to initiate Location Update.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

Function:

This primitive is issued by a BS to inform the Mobility ~~a m~~ Management entity ~~of Mobility management services~~ in the NCMS that an MS requests to initiate Location Update.

Modify text as:

Function:

This primitive is issued by a BS to inform the [BEGIN INSERT]Mobility[END INSERT] [BEGIN DELETE]~~a m~~[END DELETE] [BEGIN INSERT]M[END INSERT]anagement entity [BEGIN DELETE]~~of Mobility management services~~[END DELETE] in the NCMS that an MS requests to initiate Location Update.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1070 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 70 **Line** 23 **Fig/Table#** **Subclause** 14.2.4.3.1

Text correction

Suggested Remedy

This primitive is issued by a BS to inform the Mobility Management Services ~~a management~~ entity ~~of Mobility management services~~ in the NCMS that an MS requests to initiate a Location Update procedure.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

This primitive is issued by a BS to inform the Mobility Management Services ~~a management~~ entity ~~of Mobility management services~~ in the NCMS that an MS requests to initiate a Location Update procedure.

Modify text as:

This primitive is issued by a BS to inform [BEGIN INSERT]the Mobility Management Services[END INSERT] [BEGIN DELETE]~~a management~~[END DELETE] entity [BEGIN DELETE]~~of Mobility management services~~[END DELETE] in the NCMS that an MS requests to initiate [BEGIN INSERT]a[END INSERT] Location Update [BEGIN INSERT]procedure[END INSERT].

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1071 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 71 **Line** 16 **Fig/Table#** **Subclause** 14.2.5.2

Suggested Remedy

When generated:
This primitive is generated when the BS receives RNG-REQ message with Paging Controller ID and Ranging Purpose Indication with bit #1 set to 1, MAC Hash Skip Threshold, Power Down Indicator~~,~~ and Security Context Indication.
Effect of receipt:
This primitive shall be generated on BS side and a management entity of Mobility Management Services shall respond to this primitive by sending Location Update response.
14.2.4.3.2 C-PG-RSP
This primitive is used by NCMS to respond to a location update procedure. The Operation Type included in this primitive defines the type of location update procedure to be performed. The possible Operation Types for this primitive are listed in Table below:

GroupResolution **Decision of Group:** **Agree**

Modify text as:

When generated:
This primitive is generated when the BS receives RNG-REQ message with Paging Controller ID and Ranging Purpose Indication with bit #1 set to 1, MAC Hash Skip Threshold, Power Down Indicator~~,~~ and Security Context Indication.
Effect of receipt:
This primitive shall be generated on BS side and a management entity of Mobility Management Services shall respond to this primitive by sending Location Update response.
14.2.4.3.2 C-PG-RSP
This primitive is used by NCMS to respond to a location update procedure. The Operation Type included in this primitive defines the type of location update procedure to be performed. The possible Operation Types for this primitive are listed in Table below:

Modify text as:

When generated:
This primitive is generated when the BS receives RNG-REQ message with Paging Controller ID and Ranging Purpose Indication with bit #1 set to 1, MAC Hash Skip Threshold, Power Down Indicator[BEGIN DELETE]~~,~~[END DELETE] [BEGIN INSERT]and[END INSERT] Security Context Indication.
Effect of receipt:
This primitive shall be generated on BS side and a management entity of Mobility Management Services shall respond to this primitive

by sending Location Update response.
14.2.4.3.2 C-PG-RSP
This primitive is used by NCMS to respond [BEGIN INSERT]to[END INSERT] a location update procedure. The Operation Type included in this primitive defines the type of location update procedure to be performed. The possible Operation Types for this primitive are listed in Table below:

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1072 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 71 **Line** 28 **Fig/Table#** **Subclause** 14.2.4.3.2

Clarification

Suggested Remedy

This primitive is used by NCMS to respond to a location update procedure.

GroupResolution **Decision of Group:** Agree

Modify text as:

This primitive is used by NCMS to respond to a location update procedure.

Modify text as:

This primitive is used by NCMS to respond [BEGIN INSERT]to[END INSERT] a location update procedure.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1073 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 72 **Line** 10 **Fig/Table#** **Subclause** 14.2.4.3.2

text correction

Suggested Remedy

0b01=Successful ~~of~~ assignment of Paging Controller and Paging Information.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

0b01=Successful ~~of~~ assignment of Paging Controller and Paging Information.

Modify text as:

0b01=Success[BEGIN INSERT]ful[END INSERT] [BEGIN DELETE]~~of~~[END DELETE] assign[BEGIN INSERT]ment of[END INSERT] Paging Controller and Paging Information.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1074 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 73 **Line** 14 **Fig/Table#** **Subclause** 14.2.4.3.3

Location Update_CMPLT is generated when the location update procedure is done an not just the authentication part. Change authentication procedure accordingly.

Suggested Remedy

Function:
This primitive is issued by the BS to the NCMS.
Semantics of the service primitive:
The parameters of the primitives are as follows:
C-PG-IND
(
Event_Type(Location_Update_CMPLT)
Destination: NCMS,
Attribute_List:
MS MAC Address
BSID
Location Update Result
)
MS MAC Address
48-bit MAC address which will identify MS
BSID
Identifier of serving BS
Location Update Result
Notify the result of authentication interaction between BS and NCMS:
0x00=Failure of Idle Mode Location Update. The MS shall perform Network Re-entry from Idle Mode
0x01=Success of Idle Mode Location Update
others: Reserved
When generated:
This primitive is generated at a BS when it received C-PG-RSP and finished ~~authentication~~ the Location Update procedure. This primitive is in order to notify NCMS that the location update procedure has been completed.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

Function:

This primitive is issued by the BS to the NCMS.
Semantics of the service primitive:
The parameters of the primitives are as follows:
C-PG-IND
(
Event_Type(Location_Update_CMPLT)
Destination: NCMS,
Attribute_List:
MS MAC Address
BSID
Location Update Result
)
MS MAC Address
48-bit MAC address which will identify MS
BSID
Identifier of serving BS
Location Update Result
Notify the result of authentication interaction between BS and NCMS:
0x00=Failure of Idle Mode Location Update. The MS shall perform Network Re-entry from Idle Mode
0x01=Success of Idle Mode Location Update
others: Reserved
When generated:
This primitive is generated at a BS when it received C-PG-RSP and finished ~~authentication~~ the Location Update procedure. This primitive is in order to notify NCMS that the location update procedure has been completed.

Modify text as:

Function:
This primitive is issued by the BS to [BEGIN INSERT]the[END INSERT] NCMS.
Semantics of the service primitive:
The parameters of the primitives are as follows:
C-PG-IND
(

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

2007/07/27 **IEEE 802.16-07/002r5**

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # **1075** **Document under Review:** **P802.16g/D6** **Ballot ID:** **P802.16g/D6**

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 73 **Line** 49 **Fig/Table#** **Subclause** 14.2.4.3.3

Update_CMPLT is generated when location update is finished and not when authentication procedure is finished.

Suggested Remedy

When generated:

This primitive is generated at a BS when it received C-PG-RSP and finished the Location Update ~~authentication~~ procedure. This primitive is in order to notify NCMS that the location update procedure has been completed.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

When generated:

This primitive is generated at a BS when it received C-PG-RSP and finished the Location Update ~~authentication~~ procedure. This primitive is in order to notify NCMS that the location update procedure has been completed.

Modify text as:

When generated:

This primitive is generated at a BS when it received C-PG-RSP and finished [BEGIN INSERT]the Location Update[END INSERT] [BEGIN DELETE]~~authentication~~[END DELETE] procedure. This primitive is in order to notify NCMS that the location update procedure has been completed.

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1076 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 74 **Line** 31 **Fig/Table#** **Subclause**

Text corrections

Suggested Remedy

For the re-establishment of connections at the Target BS during HO, the Serving BS shall provide the Target BS with the HO context through the Mobility Management Services entity in the NCMS using the HO primitives.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

For the re-establishment of connections at the Target BS during HO, the Serving BS shall provide the Target BS with the HO context through the Mobility Management Services entity in the NCMS using the HO primitives.

Modify text as:

For the re-establishment of connections at [BEGIN INSERT]the T[END INSERT]arget BS during HO, [BEGIN INSERT]the S[END INSERT]erving BS shall provide [BEGIN INSERTthe T[END INSERT]arget BS with the HO context through the Mobility Management Services entity in [BEGIN INSERT]the[END INSERT] NCMS using [BEGIN INSERT]the[END INSERT HO primitives.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1077 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 74 **Line** 31 **Fig/Table#** **Subclause** 14.2.5.1

text

Suggested Remedy

For the re-establishment of connections at target BS during HO, serving BS shall provide target BS with the HO context through the Mobility Management Services entity in the NCMS using the HO primitives. If the target BS can not re-use some information in the HO context for restoring the former MAC state or re-establishing connections, the Mobility Management Services entity in NCMS may exclude the information from the shared HO context.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

For the re-establishment of connections at target BS during HO, serving BS shall provide target BS with the HO context through the Mobility Management Services entity in the NCMS using the HO primitives. If the target BS can not re-use some information in the HO context for restoring the former MAC state or re-establishing connections, the Mobility Management Services entity in NCMS may exclude the information from the shared HO context.

Modify text as:

For the re-establishment of connections at target BS during HO, serving BS shall provide target BS with the HO context through the Mobility Management Services entity in [BEGIN INSERT]the[END INSERT] NCMS using [BEGIN INSERT]the[END INSERT] HO primitives. If the target BS can not re-use some information in the HO context for restoring the former MAC state or re-establishing connections, the Mobility Management Services entity in NCMS may exclude the information from the shared HO context.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1078 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 77 **Line** 37 **Fig/Table#** **Subclause** 14.2.5.2

Figure 492 is missing the Local scanning Report target
Figure 493 is meant to depict Remote Report target. Its Local Report target is shown incorrect

Suggested Remedy

Replace Figures 492 and 493 with the figures provided in contribution C80216g-07_011.doc

GroupResolution **Decision of Group:** **Principle**

Adopt contribution C802.16g-07/011r1

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Incorporated the two figures flipped horizontally – as was agreed as a general rule for the MS side figures, in another comment.

Comment by: Phillip Barber **Membership Status:** Member **Date:** 2006-01-11

Comment # 1079 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 78 **Line** 1 **Fig/Table#** **Subclause** 14.2.5.2.1.3

The current Draft does not include necessary support for the Association scanning feature of 802.16e-2005.
This contribution proposes C_SAP primitives to be adopted in IEEE 802.16g to support association,

Suggested Remedy

Accept contribtuion C802.16g-07/022

GroupResolution **Decision of Group:** **Principle**

Accept contribution C802.16g-07/022r2

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

For List of Scanning Type, the addition “One scanning type for each neighboring BS” has been used not only for REQ but also for RSP, for consistency.

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1080 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 78 **Line** 58 **Fig/Table#** **Subclause** 14.2.5.2.1.1

Extend the primitive in section 14.2.5.2.1.1 to include MS initiated MOB-MSHO-REQ and same for MOB-BSHO-RSP reply to the MS

Suggested Remedy

Per contribution C80216g-07-018.doc

GroupResolution **Decision of Group:** **Principle**

Accept contribution C802.16g-07/024r1

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

(1) New RSP section became 14.2.5.2.2.4, not .5. (2) It included a typo REQ which Editor corrected to RSP. (3) The new figure inserted between the existing ones, according logical relation. (4) Figure flipped horizontally as agreed in general for the MS side.

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1081 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** General **Part of Dis** ☐ **Satisfied** ☐ **Page** 81 **Line** 60 **Fig/Table#** **Subclause** 14.2.5.2.1.3

Clarifying: additional text stating Serving BS

Suggested Remedy

When generated:

•NCMS(BS) to 802.16 BS Entity:
This primitive is generated when the Mobility Management Services entity in the NCMS (Serving BS) decides that the MS should perform scanning and/or association of neighbor BSs and report the scanning result to the NCMS (Serving BS). In this case, attributes included in Attribute_list are number of MS and list of MS MAC Address.

•NCMS(SS/MS) to 802.16 MS Entity:

This primitive is generated when the mobile management entity in NCMS(SS/MS) decides that MS should send MOB-SCN-REQ for a request of scanning interval, perform scanning, send MOB_SCN-REP message to the Serving BS or report the scanning result to NCMS(SS/MS).

GroupResolution **Decision of Group:** **Agree**

Modify text as:

When generated:

•NCMS(BS) to 802.16 BS Entity:
This primitive is generated when the Mobility Management Services entity in the NCMS (Serving BS) decides that the MS should perform scanning and/or association of neighbor BSs and report the scanning result to the NCMS (Serving BS). In this case, attributes included in Attribute_list are number of MS and list of MS MAC Address.

•NCMS(SS/MS) to 802.16 MS Entity:

This primitive is generated when the mobile management entity in NCMS(SS/MS) decides that MS should send MOB-SCN-REQ for a request of scanning interval, perform scanning, send MOB_SCN-REP message to the Serving BS or report the scanning result to NCMS(SS/MS).

Modify text as:

When generated:

•NCMS(BS) to 802.16 BS Entity:
This primitive is generated when the Mobility Management Services entity in [BEGIN INSERT]the[END INSERT] NCMS ([BEGIN INSERT]Serving[END INSERT] BS) decides [BEGIN INSERT]that the[END INSERT] MS should perform scanning [BEGIN INSERT]and/or association[END INSERT] of neighbor BSs and report the scanning result to [BEGIN INSERT]the[END INSERT] NCMS ([BEGIN INSERT]Serving[END INSERT] BS). In this case, attributes included in Attribute_list are number of MS and list of MS MAC Address.

•NCMS(SS/MS) to 802.16 MS Entity:

This primitive is generated when the mobile management entity in NCMS(SS/MS) decides that MS should send MOB-SCN-REQ for a request of scanning interval, perform scanning, send MOB_SCN-REP message to [BEGIN INSERT]the Serving[END INSERT] BS or report the scanning result to NCMS(SS/MS).

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1082 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 86 **Line** 61 **Fig/Table#** **Subclause** 14.2.5.2.3.1

Suggested Remedy

Function:
In case of HO, this primitive is used to indicate the starting of the actual HO. In case of SHO/FBSS, it can be used to update Anchor BS or to add a new Active BS to the current Active set. Both ~~of~~ the serving 802.16 BS entity and the Mobility Management Services entity in the NCMS can use this primitive to inform the 802.16 target BS entity or the Mobility Management Services entity in the NCMS of the actual HO starting process ~~of the actual HO~~. In addition, the Mobility Management Services entity in the NCMS ~~at~~ MS side can use this primitive to inform the 802.16 MS entity ~~of~~ about the actual HO starting process ~~of the actual HO~~.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

Function:
In case of HO, this primitive is used to indicate the starting of the actual HO. In case of SHO/FBSS, it can be used to update Anchor BS or to add a new Active BS to the current Active set. Both ~~of~~ the serving 802.16 BS entity and the Mobility Management Services entity in the NCMS can use this primitive to inform the 802.16 target BS entity or the Mobility Management Services entity in the NCMS of the actual HO starting process ~~of the actual HO~~. In addition, the Mobility Management Services entity in the NCMS ~~at~~ MS side can use this primitive to inform the 802.16 MS entity ~~of~~ about the actual HO starting process ~~of the actual HO~~.

Modify text as:

Function:
In case of HO, this primitive is used to indicate the starting of the actual HO. In case of SHO/FBSS, it can be used to update Anchor BS or to add a new Active BS to the current Active set. Both ~~of~~ the serving 802.16 BS entity and the Mobility Management Services entity in [BEGIN INSRT]the[END INSERT] NCMS can use this primitive to inform the 802.16 target BS entity or the Mobility Management Services entity in [BEGIN INSERT]the[END INSERT] NCMS of the [BEGIN INSERT]actual HO starting process[END INSERT] [BEGIN DELETE]~~of the actual HO~~[END DELETE]. In addition, the Mobility Management Services entity in [BEGIN INSERT]the[END INSERT] NCMS [BEGIN DELETE]~~at~~[END DELETE] MS side can use this primitive to inform the 802.16 MS entity [BEGIN DELETE]~~of~~[END DELETE] [BEGIN INSERT]about[END INSERT] the [BEGIN INSERT]actual HO[END INSERT] starting [BEGIN INSERT]process[END INSERT] [BEGIN DELETE]~~of the actual HO~~[END DELETE].

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

2007/07/27 **IEEE 802.16-07/002r5**

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # **1083** **Document under Review:** **P802.16g/D6** **Ballot ID:** **P802.16g/D6**

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 89 **Line** 55 **Fig/Table#** **Subclause** 14.2.5.2.3.4.

Enumerate the Result Flag options

Suggested Remedy

Result Flag

HO Completed or HO canceled

GroupResolution **Decision of Group:** **Principle**

On page 89, line 45, delete 'Result Flag' from Attribute _list:

On page 89, line 55, delete description of 'Result Flag'

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1084 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 90 **Line** 1 **Fig/Table#** **Subclause** 14.2.5.2.3.4

Suggested Remedy

When generated:
•802.16 BS entity to NCMS:
This primitive is generated by target 802.16 BS entity when the MS completes network re-entry at the target BS. If SDU SN feedback is enabled, the target 802.16 BS entity shall generates this primitive
after it has received the SN report header.
•NCMS to 802.16 BS entity:
This primitive is generated by the NCMS after finishing handover process in the NCMS side. It is used to inform serving BS to release its corresponding resource.
Effect of receipt:
•802.16 BS entity to NCMS:
NCMS completes handover procedure.
•NCMS to 802.16 BS entity:
The Serving BS releases its resource for the MS accordingly.
[Insert new sub clause 14.2.6.3]

14.2.5.3 MIH control protocol procedures

The MIH Control Primitives provide ~~carriage~~ transport of 802.21 MIHF Frames between the 802.16 entity and the NCMS. This enables the NCMS to map between MIHF frames and primitives on the 802.21 MIH-SAP, consistent
with Clause 5.5.3 of IEEE Std 802.21.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

When generated:
•802.16 BS entity to NCMS:
This primitive is generated by target 802.16 BS entity when the MS completes network re-entry at the target BS. If SDU SN feedback is enabled, the target 802.16 BS entity shall generates this primitive
after it has received the SN report header.
•NCMS to 802.16 BS entity:
This primitive is generated by the NCMS after finishing handover process in the NCMS side. It is used to inform serving BS to release its corresponding resource.

Effect of receipt:
•802.16 BS entity to NCMS:
NCMS completes handover procedure.
•NCMS to 802.16 BS entity:
The Serving BS releases its resource for the MS accordingly.
[Insert new sub clause 14.2.6.3]

14.2.5.3 MIH control protocol procedures

The MIH Control Primitives provide ~~carriage~~ transport of 802.21 MIHF Frames between the 802.16 entity and the NCMS. This enables the NCMS to map between MIHF frames and primitives on the 802.21 MIH-SAP, consistent with Clause 5.5.3 of IEEE Std 802.21.

Modify text as:

When generated:
•802.16 BS entity to NCMS:
This primitive is generated by target 802.16 BS entity when the MS completes network re-entry at the target BS. If SDU SN feedback is enabled, the target 802.16 BS entity shall generates this primitive
after it has received [BEGIN INSERT]the[END INSERT] SN report header.
•NCMS to 802.16 BS entity:
This primitive is generated by [BEGIN INSERT]the[END INSERT] NCMS after finishing handover process in [BEGIN INSERT]the[END INSERT] NCMS side. It is used to inform serving BS to release its corresponding resource.
Effect of receipt:
•802.16 BS entity to NCMS:
NCMS completes handover procedure.
•NCMS to 802.16 BS entity:
[BEGIN INSERT]The Serving[END INSERT] BS releases its resource for [BEGIN INSERT]the[END INSERT] MS accordingly

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1085 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 91 **Line** 41 **Fig/Table#** **Subclause** 14.2.5.3.1

Text corrections

Suggested Remedy

Function:
This primitive used by the 802.16 entity to indicate on the C-SAP the reception of a MOB_MIH-MSG on the air interface and to convey the 802.21 MIHF frame carried in the message to the NCMS.
This primitive is used by the NCMS to request on the C-SAP that the 802.16 entity transmits a MOB_MIH-MSG message containing the 802.21 MIHF frame carried in the primitive.
Semantics of the service primitive:
C-MIH-IND
(
Event_Type(MIH-IND),
Destination(NCMS, BS, MS),
Attribute _list:
MIHF Frame,
)
MIHF Frame
MIHF Frame as described in clause 8.2 of Std 802.21
When generated:
•802.16 Entity to NCMS:
This primitive is generated by the 802.16 entity when the 802.16 entity receives a MOB_MIH-MSG from ~~the~~ a peer 802.16 entity.
•NCMS to 802.16 Entity:
This primitive is generated by the NCMS when the NCMS needs to convey an 802.21 MIHF frame through the 802.16 entity to ~~the~~ a peer 802.16 entity.

Effect of receipt:
•802.16 Entity to NCMS:
On receipt of this primitive from the C-SAP by the NCMS, the NCMS should map the 802.21 MIH Message embedded in the 802.21 MIHF Frame in the primitive onto the equivalent primitive on the MIH_SAP consistent with Std 802.21, section ~~Clause~~ 5.5.3.
•NCMS to 802.16 Entity:
On receipt of this primitive from the C-SAP by the 802.16 entity, the 802.16 entity shall transmit a MOB_MIH-MSG message containing the 802.21 MIHF frame conveyed in the MIHF Frame field of the primitive

GroupResolution **Decision of Group:** **Agree**

Modify text as:

Function:
This primitive used by the 802.16 entity to indicate on the C-SAP the reception of a MOB_MIH-MSG on the air interface and to convey the 802.21 MIHF frame carried in the message to the NCMS.
This primitive is used by the NCMS to request on the C-SAP that the 802.16 entity transmits a MOB_MIH-MSG message containing the 802.21 MIHF frame carried in the primitive.
Semantics of the service primitive:
C-MIH-IND
(
Event_Type(MIH-IND),
Destination(NCMS, BS, MS),
Attribute _list:
MIHF Frame,
)
MIHF Frame
MIHF Frame as described in clause 8.2 of Std 802.21
When generated:
•802.16 Entity to NCMS:
This primitive is generated by the 802.16 entity when the 802.16 entity receives a MOB_MIH-MSG from ~~the~~ a peer 802.16 entity.
•NCMS to 802.16 Entity:
This primitive is generated by the NCMS when the NCMS needs to convey an 802.21 MIHF frame through the 802.16 entity to ~~the~~ a peer 802.16 entity.

Effect of receipt:
•802.16 Entity to NCMS:
On receipt of this primitive from the C-SAP by the NCMS, the NCMS should map the 802.21 MIH Message embedded in the 802.21 MIHF Frame in the primitive onto the equivalent primitive on the MIH_SAP consistent with Std 802.21, section ~~Clause~~ 5.5.3.
•NCMS to 802.16 Entity:
On receipt of this primitive from the C-SAP by the 802.16 entity, the 802.16 entity shall transmit a MOB_MIH-MSG message containing the 802.21 MIHF frame conveyed in the MIHF Frame field of the primitive

Modify text as:

Function:
This primitive used by the 802.16 entity to indicate on the C-SAP the reception of a MOB_MIH-MSG on the air interface and to convey

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

2007/07/27 **IEEE 802.16-07/002r5**

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # **1086** **Document under Review:** **P802.16g/D6** **Ballot ID:** **P802.16g/D6**

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 92 **Line** 29 **Fig/Table#** **Subclause** 14.2.6.1

Clarify 802.16 Entity

Suggested Remedy

Add (BS) to Figures 495, 496 and 497

GroupResolution **Decision of Group:** **Principle**

In Figures 495, 496 and 497, modify the text from:
802.16 Entity
to:
802.16 Entity (BS)

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1087 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 98 **Line** 12 **Fig/Table#** **Subclause** 14.2.6.1.3

Text Clarification

Suggested Remedy

This primitive can be used by RRC to inform a Serving BS about the list of Neighbor BSs which are potential HO Target Base Stations for any MS's being served by the SBS, including an information about their radio resource status. And it can be used to report the spare capacity information to the RRC periodically or as event driven. The possible event type for this primitive are listed in Table below:

_____Table Here_____

14.2.6.1.3.1 C-RRM-IND (Event_Type==Spare Capacity Report)
Function:

The primitive provide unsolicited ~~the~~ mechanism to report the spare capacity information to the RRC ~~beside the report solicitation from RRC.~~

GroupResolution **Decision of Group:** **Agree**

Modify text as:

This primitive can be used by RRC to inform a Serving BS about the list of Neighbor BSs which are potential HO Target Base Stations for any MS's being served by the SBS, including an information about their radio resource status. And it can be used to report the spare capacity information to the RRC periodically or as event driven. The possible event type for this primitive are listed in Table below:

_____Table Here_____

14.2.6.1.3.1 C-RRM-IND (Event_Type==Spare Capacity Report)
Function:

The primitive provide unsolicited ~~the~~ mechanism to report the spare capacity information to the RRC ~~beside the report solicitation from RRC~~.

Modify text as:

This primitive can be used by RRC to inform a Serving BS about the list of Neighbor BSs which are potential HO Target Base Stations for any MS's being served by the SBS, including an information about their radio resource status. And it can be used to report the spare capacity information to the RRC periodically or [BEGIN INSERT]as[END INSERT] event driven. The possible event type for this primitive are listed in Table below:

_____Table Here_____

14.2.6.1.3.1 C-RRM-IND (Event_Type==Spare Capacity Report)
Function:

The primitive provide [BEGIN INSERT]unsolicited[END INSERT] [BEGIN DELETE]~~the~~[END DELETE] mechanism to report the spare capacity information to the RRC [BEGIN DELETE]~~beside the report solicitation from RRC~~[END DELETE].

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: JeeHyeon Na **Membership Status:** Nonmember **Date:** 2006-01-11

Comment # 1088 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 101 **Line** 1 **Fig/Table#** **Subclause** 14.2.7~14.2.8

Deregistration procedure is defined as the action of the Mobile Terminal Management in 14.2.8. However, The procedure has to be defined as the action of the Control Primitive since belonging to the Control SAP like the Registration procedure.

So, we propose to move deregistration related primitive and procedures in 14.2.8. to 14.2.7 .

Suggested Remedy

Discuss and adopt contribution IEEE C802.16g-07/006

GroupResolution **Decision of Group:** **Principle**

Accept contribution C802.16g-07/006r1

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

In figure “Network Deregistration Primitives by BS”, arrows shifted vertically, to make them causal, occurring in sequence with time going downwards.

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1089 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 102 **Line** **Fig/Table#** 500 **Subclause** 14.2.7

Change and simplify Figure 500

M_MTM-Req/Rsp (power on) covered already in Figure 502
C-NEM-Req/Rsp (ranging) covered already in Figure 498

Suggested Remedy

Change per contribution C802.16g-07/014

GroupResolution **Decision of Group:** **Principle**

Replace Figure 500 with the Figure in contribution C802.16g-07/014

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Figure flipped horizontally since it's the SS/MS side so NCMS should be on the left.

Comment by: JeeHyeon Na **Membership Status:** Nonmember **Date:** 2006-01-11

Comment # 1090 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 102 **Line** 1 **Fig/Table#** **Subclause** 14.2.7

Network entry procedure consists of ranging, registration and network attachment in D6 document. However, it does not contain SS basic capability negotiation during network initial entry. If the SS basic capability procedure is not defined, there is a problem that NCMS (MS) does not know when it generate C-NEM-REQ(registration).

So, we define SS basic capability negotiation primitive and procedures in 14.2.7.

Suggested Remedy

Discuss and adopt contribution IEEE C802.16g-07/003

GroupResolution **Decision of Group:** **Principle**

Accept contribution C802.16g-07/003r3

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Jaesun Cha **Membership Status:** Member **Date:** 2006-01-11

Comment # 1091 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 103 **Line** 19 **Fig/Table#** **Subclause** 14.2.7.1.1

Two different primitives deal with the same procedure; network re-entry from Idle mode and location update.
We think that it's better to remove any idle-mode-related parameters from C-NEM-REQ/RSP (ranging) than to unify them into one type of primitives because the mechanism of primitive handshake is different according to their purpose; 3-way handshake for Idle mode and 2-way handshake for other cases.

Suggested Remedy

Discuss and adopt the contribution C80216g-07/005 or its latest version.

GroupResolution **Decision of Group:** **Principle**

Accept contribution C802.16g-07/005r2

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1092 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 103 **Line** 52 **Fig/Table#** 453 **Subclause** 14.2.7.1.1.1

Add exit Idle Value

Suggested Remedy

Add "exit Idle" to the **Valid Range** column in table 453

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

Code is already present as 'Network Re-Entry from Idle Mode' action code for NCMSC-PG-REQ (Network_Re-Entry_from_Idle_Mode)

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1093 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 104 **Line** 1 **Fig/Table#** **Subclause** 14.2.7.1.1.1

Qualify

Suggested Remedy

Effect of receipt:

MAC layer shall generate RNG-REQ MAC management message including corresponding TLVs depending on the Ranging type and RNG-REQ message shall be sent to the BS over the air interface.

14.2.7.1.1.2 BS side

Function:

This primitive notifies the upper layer management entity in the BS that the mobile terminal requests ranging with the RNG-REQ message.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

Effect of receipt:

MAC layer shall generate RNG-REQ MAC management message including corresponding TLVs depending on the Ranging type and RNG-REQ message shall be sent to the BS over the air interface.

14.2.7.1.1.2 BS side

Function:

This primitive notifies the upper layer management entity in the BS that the mobile terminal requests ranging with the RNG-REQ message.

Modify text as:

Effect of receipt:

MAC layer shall generate RNG-REQ MAC management message including corresponding TLVs depending on the Ranging type and RNG-REQ message shall be sent to the BS over [BEGIN INSERT]the[END INSERT] air interface.

14.2.7.1.1.2 BS side

Function:

This primitive notifies the upper layer management entity in [BEGIN INSERT]the[END INSERT] BS that the mobile terminal requests ranging with [BEGIN INSERT]the[END INSERT] RNG-REQ [BEGIN INSERT]message[END INSERT].

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1094 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 105 **Line** **Fig/Table#** 454 **Subclause** 14.2.7.1.1.2

Add Enumeration to Valid Range column in table 454

Suggested Remedy

HO Indication: Enumeration: Not Applicable: This parameter indicates
HO the MS is currently
Fast HO attempting to HO or
Entry from Idle Network Re-entry from
mode Idle Mode to the BS

Location Update Request: Enumeration: Not Applicable : The parameter indicates
Location Update MS action of Idle Mode
Location Update Process

GroupResolution **Decision of Group:** **Principle**

Modify text in table as:

HO Indication: Enumeration: NULL This parameter indicates
HO the MS is currently
Fast HO attempting to HO or
Entry from Idle Network Re-entry from
mode Idle Mode to the BS

Modify text in table as:

HO Indication: [BEGIN INSERT]Enumeration: NULL This parameter indicates
HO the MS is currently
Fast HO attempting to HO or
Entry from Idle Network Re-entry from
mode[END INSERT] Idle Mode to the BS

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

2007/07/27 **IEEE 802.16-07/002r5**

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # **1095** **Document under Review:** **P802.16g/D6** **Ballot ID:** **P802.16g/D6**

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 106 **Line** **Fig/Table#** 455 **Subclause** 14.2.7.1.2.1

Add Enumeration to Valid Range column in table 455 and separate DHCP form Mobile IP

Suggested Remedy

Method of Allocation: IP Address Enumeration: Static: DHCP v4 Mobile IP v4 DHCP IP v6 Mobile IP v6 IP v6 Stateless address auto configuration : IP Address Configuration method

GroupResolution **Decision of Group:** **Agree**

In Table 455, in the 'Valid Range' column, for the row entry for 'Method of Allocation: IP Address', replace the text with:

Static:
DHCP v4
Mobile IP v4
DHCP IP v6
Mobile IP v6
IP v6 Stateless address auto configuration

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1096 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 107 **Line** 32 **Fig/Table#** 456 **Subclause** 14.2.7.1.2.2

Add Enumeration to Valid Range column in table 456 and separate DHCP form Mobile IP

Suggested Remedy

Method of Allocation: IP Address | Enumeration: Static: DHCP v4 Mobile IP v4 DHCP IP v6 Mobile IP v6 IP v6 Stateless address auto configuration | : IP Address Configuration method

GroupResolution **Decision of Group:** Agree

In Table 456, in the 'Valid Range' column, for the row entry for 'Method of Allocation: IP Address', replace the text with:

Static:
DHCP v4
Mobile IP v4
DHCP IP v6
Mobile IP v6
IP v6 Stateless address auto configuration

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1097 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 109 **Line** 11 **Fig/Table#** **Subclause**

Add Valid Range in table 457

Suggested Remedy

Result Code: Enumeration: Failed : Result of ranging request
Succeed

HO Process Optimization: Enumeration: Optimized handover : Network re-entry process
Non Optimized handover optimized after handover

Location Update response: Enumeration: succeed~~ss Failure~~ : Location Update result in Idle mode
Failed

GroupResolution **Decision of Group:** **Principle**

In Table 457, in the column for 'Valid Range', in the row for 'Result Code', replace the text with:
Failed
Succeed

In Table 457, in the column for 'Valid Range', in the row for 'Handover Process Optimization', replace the text (currently empty) with:
Optimized handover
Non Optimized handover

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1098 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 111 **Line** 11 **Fig/Table#** 458 **Subclause** 14.2.7.2.1.2

Add Valid Range in table 458

Suggested Remedy

Result Code: Enumeration: Failed : Result of ranging request
Succeed

HO Process Optimization: Enumeration: Optimized handover : Network re-entry process
Non Optimized handover optimized after handover

Location Update response: Enumeration: succeed~~ss Failure~~ : Location Update result in Idle mode
Failed

GroupResolution **Decision of Group:** **Principle**

In Table 458, in the column for 'Valid Range', in the row for 'Result Code', replace the text with:
Failed
Succeed

In Table 458, in the column for 'Valid Range', in the row for 'Handover Process Optimization', replace the text (currently empty) with:
Optimized handover
Non Optimized handover

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1099 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 112 **Line** 24 **Fig/Table#** 459 **Subclause** 14.2.7.2.2.1

Changes to Table 459

Suggested Remedy

1st change:
From:

Change Title from ~~M_Registration.response parameters~~

To:

Registration Response Attributes (BS side)

2nd change:
Remove the first 2 entries: ~~Source and Destination~~

3rd change:
When generated:

This primitive is generated to notify the result of registration after C-NEM-REQ/Registration is received at the BS.

GroupResolution **Decision of Group:** **Agree**

1st change:
From:

Change Title from ~~M_Registration.response parameters~~

To:

Registration Response Attributes (BS side)

2nd change:
Remove the first 2 entries: ~~Source and Destination~~

3rd change:

When generated:

This primitive is generated to notify the result of registration after C-NEM-REQ/Registration is received [BEGIN INSERT]at the BS[END INSERT].

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1100 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 113 **Line** **Fig/Table#** 59 **Subclause** 14.2.7.2.2.2

Add text to (When generated subclass)

Suggested Remedy

This primitive is generated when REG-RSP is received by the MS

GroupResolution **Decision of Group:** Agree

Modify text as:

This primitive is generated when REG-RSP is received by the MS

Modify text as:

This primitive is generated when REG-RSP is received [BEGIN INSERT]by the MS[END INSERT]

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1101 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 114 **Line** 1 **Fig/Table#** **Subclause** 14.2.7.3

Missing NBR_ADV Figure

Suggested Remedy

Per contribution C80216g-07_013.doc

GroupResolution **Decision of Group:** **Principle**

Modify the text in 14.2.7.3 as in contribution C802.16g-07/013

Insert the figure in C802.16g-07/013 on page 102, after Figure 500

In section 14.2.7, replace all instances of 'M-NEM' with 'C-NEM'

Change the SAP from 'M_SAP' to 'C_SAP' in the added figure

Flip the figure so that the NCMS (MS) is on the left

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1102 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 115 **Line** **Fig/Table#** 461 **Subclause** 14.2.7.3

Text correction

Suggested Remedy

Bit #0: Omit SBC_REQ/RSP management messages during re-entry processing
Bit #1: Omit PKM Authentication phase except TEK phase during ~~current~~ re-entry processing
Bit #2: Omit PKM TEK creation phase during re-entry processing
Bit #3: Omit REGREQ/ RSP management during ~~current~~ re-entry processing
Bit #4: Omit Network Address Acquisition management messages during ~~current~~ re-entry processing
Bit #5: Omit Time of Day Acquisition management messages during ~~current~~ re-entry processing
Bit #6: Omit TFTP management messages during ~~current~~ re-entry processing
Bit #7: Full service and operational state transfer or sharing between serving BS and target BS (ARQ, timers, counters, MAC state machines, etc...)

GroupResolution **Decision of Group:** **Agree**

Modify text as:

Bit #0: Omit SBC_REQ/RSP
management messages
during re-entry processing
Bit #1: Omit PKM
Authentication phase
except TEK phase during
~~current~~ re-entry processing
Bit #2: Omit PKM TEK
creation phase during
re-entry processing
Bit #3: Omit REGREQ/
RSP management
during ~~current~~ re-entry
processing
Bit #4: Omit Network
Address Acquisition
management messages during ~~current~~ re-entry
processing
Bit #5: Omit Time of Day
Acquisition management
messages during ~~current~~
re-entry processing
Bit #6: Omit TFTP
management messages
during ~~current~~ re-entry
processing
Bit #7: Full service and
operational state transfer or sharing between serving
BS and target BS (ARQ, timers, counters, MAC state machines,
etc...)

Modify text as:

Bit #0: Omit SBC_REQ/RSP

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

2007/07/27 **IEEE 802.16-07/002r5**

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # **1103** **Document under Review:** **P802.16g/D6** **Ballot ID:** **P802.16g/D6**

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 115 **Line** 61 **Fig/Table#** **Subclause** 14.2.7.3

Text change

Suggested Remedy

This primitive is generated ~~for~~ by the MS to notify the NCMS of MOB_NBR-ADV contents received from the serving BS.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

This primitive is generated ~~for~~ by the MS to notify the NCMS of MOB_NBR-ADV contents received from the serving BS.

Modify text as:

This primitive is generated [BEGIN DELETE]~~for~~[END DELETE] [BEGIN INSERT]by[END INSERT] the MS to notify the NCMS of MOB_NBR-ADV contents received from the [BEGIN INSERT]serving[END INSERT] BS.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1104 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 116 **Line** 46 **Fig/Table#** **Subclause** 14.2.8

Text change

Suggested Remedy

The Mobile Terminal Management Primitives are a set of primitives to manage the status of mobile terminal. A management entity in the NCMS can change the status of mobile terminal into power on/down/de-register, etc. Those primitives are also used to notify the NCMS of information or events which are related with the status
of the mobile terminal.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

The Mobile Terminal Management Primitives are a set of primitives to manage the status of mobile terminal. A management entity in the NCMS can change the status of mobile terminal into power on/down/de-register, etc. Those primitives are also used to notify the NCMS of information or events which are related with the status
of the mobile terminal.

Modify text as:

The Mobile Terminal Management Primitives are a set of primitives to manage the status of mobile terminal. A management entity in [BEGIN INSERT]the[END INSERT] NCMS can change the status of mobile terminal into power on/down/de-register, etc. Those primitives are also used to notify [BEGIN INSERT]the[END INSERT] NCMS of information or events which are related with the status of [BEGIN INSERT]the[END INSERT] mobile terminal.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1105 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 118 **Line** **Fig/Table#** 504 **Subclause** 14.2.8

Legend change

Suggested Remedy

Figure 504 ~~– Remote control by BS (DREG-CMD)~~ M-TM primitives flow for Hold and Normal resumption

GroupResolution **Decision of Group:** **Principle**

In Figure 504 change:
~~– Remote control by BS (DREG-CMD)~~
to:
M-MTM primitives flow for Hold and Normal resumption

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1106 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 118 **Line** 25 **Fig/Table#** 503 **Subclause** 14.2.8

Legend change (both BS and MS are shown in Figure 503)

Suggested Remedy

Figure 503 — M-TM primitives flow for Reset ~~at BS side~~

GroupResolution **Decision of Group:** **Principle**

In Figure 503 change:
— M-TM primitives flow for Reset ~~at BS side~~
as
— M-MTM primitives flow for Reset

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1107 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 119 **Line** 1 **Fig/Table#** 505 **Subclause**

Remove Figure 505

Suggested Remedy

M-MTM-IND (Hold) is already covered in Figure 504
M-MTM-IND (Reset) is already covered in Figure 503

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

The cited Figures represent different corner cases, and do not duplicate function of 505

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1108 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 119 **Line** 61 **Fig/Table#** **Subclause** 14.2.8.1.1

Text change

Suggested Remedy

14.2.8.1.1 M-MTM-REQ (Action Type == Power On)

Function:

This primitive is used by the NCMS to change the status of the MS to Power On. This primitive is only used by the NCMS at MS side.

Semantics of the service primitive:

The following parameters are included in this primitive.
M-MTM-REQ
(
Operation_Type(Action),
Action_Type (Power On),
Destination (MS),
Attribute_list:
)
When generated:
This primitive is generated when a higher layer entity in NCMS wants to request the 802.16 MS entity to power itself on

Effect of receipt:

The 802.16 entity at the MS performs power on procedure and responds to it with M-MTM-RSP primitive.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

14.2.8.1.1 M-MTM-REQ (Action Type == Power On)

Function:

This primitive is used by the NCMS to change the status of the MS to Power On. This primitive is only used by the NCMS at MS side.

Semantics of the service primitive:

The following parameters are included in this primitive.
M-MTM-REQ
(
Operation_Type(Action),
Action_Type (Power On),
Destination (MS),
Attribute_list:
)
When generated:
This primitive is generated when a higher layer entity in NCMS wants to request the 802.16 MS entity to power itself on

Effect of receipt:

The 802.16 entity at the MS performs power on procedure and responds to it with M-MTM-RSP primitive.

Modify text as:

14.2.8.1.1 M-MTM-REQ (Action Type == Power On)

Function:

This primitive is used by [BEGIN INSERT]the[END INSERT] NCMS to change the status of [BEGIN INSERT]the[END INSERT] MS to Power On. This primitive is only used by [BEGIN INSERT]the[END INSERT] NCMS at MS side.

Semantics of the service primitive:

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1109 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 121 **Line** 49 **Fig/Table#** **Subclause** 14.2.8.1.4

Text change

Suggested Remedy

14.2.8.1.4 M-MTM-REQ (Action Type == Deregistration)

Function:

This primitive is used by the NCMS at the MS side to trigger ~~the~~ a deregistration procedure. It is also used by the 802.16 entity at the BS to notify the NCMS of a deregistration request when it receives a DREG-REQ message from the MS.
Semantics of the service primitive:
The following parameters are included in this primitive.
M-MTM-REQ
(
Operation_Type(Action),
Action_Type (Deregistration),
Destination(MS, or NCMS),
Attribute_list:
Action Code
)
Action Code
Indication of de-registration type.
When generated:
This primitive is generated when a higher layer entity in the NCMS at the MS side wants to de-register the service from 802.16 networks. It is also generated by the 802.16 BS entity to notify the NCMS of deregistration request when it receives a DREG-REQ message from the MS.

Effect of receipt:

The 802.16 entity at the MS shall send DREG-REQ message to the serving BS for de-registration. Action code included in the DREG-REQ message corresponds to the Action Code in the M-MTM-REQ primitive. If NCMS at the BS receives this primitive, it shall responds to it with a M-MTM-RSP primitive after deregistration process.

GroupResolution **Decision of Group:** Agree

14.2.8.1.4 M-MTM-REQ (Action Type == Deregistration)

Function:

This primitive is used by the NCMS at the MS side to trigger ~~the~~ a deregistration procedure. It is also used by the 802.16 entity at the BS to notify the NCMS of a deregistration request when it receives a DREG-REQ message from the MS.
Semantics of the service primitive:
The following parameters are included in this primitive.
M-MTM-REQ
(
Operation_Type(Action),
Action_Type (Deregistration),
Destination(MS, or NCMS),
Attribute_list:
Action Code
)
Action Code
Indication of de-registration type.
When generated:
This primitive is generated when a higher layer entity in the NCMS at the MS side wants to de-register the service from 802.16 networks. It is also generated by the 802.16 BS entity to notify the NCMS of deregistration request when it receives a DREG-REQ message from the MS.

Effect of receipt:

The 802.16 entity at the MS shall send DREG-REQ message to the serving BS for de-registration. Action code included in the DREG-REQ message corresponds to the Action Code in the M-MTM-REQ primitive. If NCMS at the BS receives this primitive, it shall responds to it with a M-MTM-RSP primitive after deregistration process.

Modify text as:

14.2.8.1.4 M-MTM-REQ (Action Type == Deregistration)

Function:

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** b) none needed

Can't be implemented because that section has been deleted due to another comment.

2007/07/27 **IEEE 802.16-07/002r5**

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # **1110** **Document under Review:** **P802.16g/D6** **Ballot ID:** **P802.16g/D6**

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 127 **Line** 24 **Fig/Table#** **Subclause** 14.2.9

I am not quite sure what the following sentence is supposed to mean, but if it is stating that the SFID uniquely indentifies a service flow across all BSs, then it is not correct.

"A unique identifier of all SAPs is a service flow ID because the service flow ID can only be identified in a network operator."

Suggested Remedy

Replace the sentence: "A unique identifier of all SAPs is a service flow ID because the service flow ID can only be identified in a network operator." with:

The (MS MAC address, Service Flow ID) pair uniquely identifies a service flow.

GroupResolution **Decision of Group:** **Agree**

Replace the sentence: "A unique identifier of all SAPs is a service flow ID because the service flow ID can only be identified in a network operator." with:

The (MS MAC address, Service Flow ID) pair uniquely identifies a service flow.

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1111 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 127 **Line** 27 **Fig/Table#** **Subclause** 14.2.9

Text correction

Suggested Remedy

14.2.9 QoS management

The Service Flow Management Primitives are a set of primitives for supporting QoS management between a BS and the NCMS (access network). They are defined to support QoS service flows. A service flow ID for a unidirectional service flow is created and managed by the NCMS (or a network entity). A unique identifier of all the SAPs is a service flow ID because the service flow ID can only be identified in a network operator. The CID is only managed by the ~~in~~ MAC layer in a BS. The MS MAC Address in C-SFM-REQ is used to authorize the MS whether the QoS information is permitted.
Service flow application clients that interact with the CS convergence layer should transform service flow information and CS parameter information to the appropriate parameters of the network protocol in the network side and in the reverse direction. How to convert specific QoS parameters between an 802.16-Service-Flow and the Network or Packet Data Flows is out of scope. The service flow management primitives are designed as a 2-way handshake ~~style~~ because the resource reservation protocols in IETF and the primitives at the 802.16 MAC SAP are designed as a 2-way handshake ~~style~~ but service flow messages in IEEE 802.16-2004 ~~is~~ are designed as a 3-way handshake ~~style~~ (DSx-REQ/RSP/ACK) in order to negotiate QoS requirements ~~in~~ for a given service flow.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

14.2.9 QoS management

The Service Flow Management Primitives are a set of primitives for supporting QoS management between a BS and the NCMS (access network). They are defined to support QoS service flows. A service flow ID for a unidirectional service flow is created and managed by the NCMS (or a network entity). A unique identifier of all the SAPs is a service flow ID because the service flow ID can only be identified in a network operator. The CID is only managed by the ~~in~~ MAC layer in a BS. The MS MAC Address in C-SFM-REQ is used to authorize the MS whether the QoS information is permitted.
Service flow application clients that interact with the CS convergence layer should transform service flow information and CS parameter information to the appropriate parameters of the network protocol in the network side and in the reverse direction. How to convert specific QoS parameters between an 802.16-Service-Flow and the Network or Packet Data Flows is out of scope. The service flow management primitives are designed as a 2-way handshake ~~style~~ because the resource reservation protocols in IETF and the primitives at the 802.16 MAC SAP are designed as a 2-way handshake ~~style~~ but service flow messages in IEEE 802.16-2004 ~~is~~ are designed as a 3-way handshake ~~style~~ (DSx-REQ/RSP/ACK) in order to negotiate QoS requirements ~~in~~ for a given service flow.

Modify text as:

14.2.9 QoS management

The Service Flow Management Primitives are a set of primitives for supporting QoS management between [BEGIN INSERT]a[END INSERT] BS and [BEGIN INSERT]the[END INSERT] NCMS (access network). They are defined to support QoS service flows. A service flow ID for a unidirectional service flow is created and managed by the NCMS (or a network entity). A unique identifier of all [BEGIN INSERT]the[END INSERT] SAPs is a service flow ID because the service flow ID can only be identified in a network operator. The CID is only managed [BEGIN INSERT]by the[END INSERT] [BEGIN DELETE]~~in~~[END DELETE] MAC layer in a BS. [BEGIN INSERT]The[END INSERT] MS MAC Address in C-SFM-REQ is used to authorize the MS whether the QoS information is permitted. Service flow application clients that interact with [BEGIN INSERT]the[END INSERT] CS convergence layer should transform service flow information and CS parameter information to [BEGIN INSERT]the[END INSERT] appropriate parameters of [BEGIN INSERT]the[END INSERT] network protocol in [BEGIN INSERT]the[END INSERT] network side and in [BEGIN INSERT]the[END INSERT] reverse direction. How to convert specific QoS parameters between [BEGIN INSERT]an[END INSERT] 802.16-Service-Flow and [BEGIN INSERT]the[END INSERT] Network or Packet Data Flows is out of scope. The service flow management primitives are designed as [BEGIN INSERT]a[END INSERT] 2-way handshake [BEGIN DELETE]~~style~~[END DELETE] because [BEGIN INSERT]the[END INSERT] resource reservation protocols in IETF and [BEGIN INSERT]the[END INSERT] primitives at the 802.16 MAC SAP are designed as [BEGIN INSERT]a[END INSERT] 2-way handshake [BEGIN DELETE]~~style~~[END DELETE] but service flow messages in IEEE 802.16-2004 [BEGIN DELETE]~~is~~[END DELETE] [BEGIN INSERT]the[END INSERT] designed as [BEGIN INSERT]a[END INSERT] 3-way handshake [BEGIN DELETE]~~style~~[END DELETE] (DSx-REQ/RSP/ACK) in order to negotiate QoS

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Lei Wang **Membership Status:** Member **Date:** 2006-01-11

Comment # 1112 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 128 **Line** 1 **Fig/Table#** **Subclause** 14.2.9

The C-SFM-REQ/RSP(Set) primitives are associated with DSC messages and not DSA.

Suggested Remedy

Update or split figures 506 and 507 to illustrate the dynamic service change.[Duplicate the figures and replace DSA with DSC in the second set. Remove "/Set" from the first set (including captions), and remove "Create/" from the second set.]

GroupResolution **Decision of Group:** **Principle**

Reason for Group's Decision/Resolution

see resolution of comments 43 & 44

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** i) didn't have time

Detailled remedy missing. Contributor is invited to provide the details for next time! Editor is overloaded.

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1113 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 131 **Line** 48 **Fig/Table#** **Subclause** 14.2.9.1.1

Text correction

Suggested Remedy

When generated:

•802.16 entity to NCMS:
This primitive is generated when the 802.16 entity creates a service flow (i.e. a BS receives a DSA-REQ message.).
•NCMS to 802.16 entity:
This primitive is used when the QoS management entity in the NCMS triggers the creation of a new service flow.

Effect of receipt:

•802.16 entity to NCMS:
The QoS management entity in the NCMS shall respond to this primitive busing C-SFM-RSP(Create). The management entity for service flows checks the validity of the request from the point of view of its own resources. If the request is accepted, the QoS management entity in NCMS creates unique service flow ID for the request.
•NCMS to 802.16 entity:
The 802.16 entity receiving the primitive shall trigger the transmission of a ~~transmittng the~~ DSA-REQ message following the information provided by this primitive. transmission

GroupResolution **Decision of Group:** **Agree**

Modify text as:

When generated:

•802.16 entity to NCMS:
This primitive is generated when the 802.16 entity creates a service flow (i.e. a BS receives a DSA-REQ message.).
•NCMS to 802.16 entity:
This primitive is used when the QoS management entity in the NCMS triggers the creation of a new service flow.

Effect of receipt:

•802.16 entity to NCMS:
The QoS management entity in the NCMS shall respond to this primitive busing C-SFM-RSP(Create). The management entity for service flows checks the validity of the request from the point of view of its own resources. If the request is accepted, the QoS management entity in NCMS creates unique service flow ID for the request.
•NCMS to 802.16 entity:
The 802.16 entity receiving the primitive shall trigger the transmission of a ~~transmittng the~~ DSA-REQ message following the information provided by this primitive. transmission

Modify text as:

When generated:

•802.16 entity to NCMS:
This primitive is generated when the 802.16 entity creates a service flow (i.e. a BS receives a DSA-REQ message.).
•NCMS to 802.16 entity:
This primitive is used when the QoS management entity in the NCMS triggers the creation of a new service flow.

Effect of receipt:

•802.16 entity to NCMS:
The QoS management entity in [BEGIN INSERT]the[END INSERT] NCMS shall respond to this primitive busing C-SFM-RSP(Create). The management entity for service flows checks the validity of the request from the point of view of its own resources. If the request is accepted, the QoS management entity in NCMS creates unique service flow ID for the request.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1114 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 133 **Line** **Fig/Table#** **Subclause** 14.2.9.1.2

Text correction

Suggested Remedy

The QoS management entity in the NCMS shall respond to this primitive by sending C-SFM-RSP(Set). The management entity for service flows checks the validity of the request from the point of view of its own resources.
•NCMS to 802.16 entity:
The 802.16 entity receiving the primitive shall trigger the transmission of a ~~transmitting the~~ DSC-REQ message following the information provided by this primitive.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

The QoS management entity in the NCMS shall respond to this primitive by sending C-SFM-RSP(Set). The management entity for service flows checks the validity of the request from the point of view of its own resources.
•NCMS to 802.16 entity:
The 802.16 entity receiving the primitive shall trigger the transmission of a ~~transmitting the~~ DSC-REQ message following the information provided by this primitive.

Modify text as:

The QoS management entity in [BEGIN INSERT]the[END INSERT] NCMS shall respond to this primitive by sending C-SFM-RSP(Set). The management entity for service flows checks the validity of the request from the point of view of its own resources.
•NCMS to 802.16 entity:
The 802.16 entity receiving the primitive shall trigger the [BEGIN INSERT]transmission of a[END INSERT] [BEGIN DELETE]~~transmitting the~~[END DELETE] DSC-REQ message following the information provided by this primitive.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1115 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 137 **Line** 1 **Fig/Table#** **Subclause** 14.2.9.2.3

DSF?

Suggested Remedy

Change DSF to DSD

GroupResolution **Decision of Group:** **Principle**

Reason for Group's Decision/Resolution

see resolution of comment 45

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

See cmt#45.

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1116 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 139 **Line** **Fig/Table#** 511 **Subclause** 14.2.10.2

Combine Figures 511 and 513.
Eliminate Figure 513.

Suggested Remedy

Per contribustion C80216g-07-016.doc

GroupResolution **Decision of Group:** **Principle**

Change the title for Figure 511 to:
MBS Zone Configuration and Management

Change the title for Figure 513 to:
MBS Service Flow (Create and Delete)

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1117 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 140 **Line** 30 **Fig/Table#** 512 **Subclause** 14.2.10.3

Show in figure 512 a payload transmission per the C-MBS-IND (Layout) primitive

Suggested Remedy

Change Figure per contribution C80216g-07_015.doc

GroupResolution **Decision of Group:** **Principle**

Replace Figure 512 with the figure in contribution C802.16g-07/015

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1118 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 141 **Line** 37 **Fig/Table#** **Subclause** 14.2.10.3.1

Suggested Remedy

Function:

This primitive is originated by the MBS Server and sent to all BS's ~~which~~ that belong to the appropriate MBS zone. ~~and i~~ It is only send if type2 MBS capability is used in the MBS zone. The C-MBS-NOTIFY (Layout) primitive is send from the MBS server to the BS's on a per 802.16 downlink frame basis. The MBS-Portion-Layout primitive may sent~~d~~ via a broadcast or multicast connection to the 802.16 entities and is not acknowledged.
The BS has to generate a MBS portion as part of the 802.16 downlink frame according to information elements received by the C-MBS-NOTIFY (Layout) primitive. Several sets of information elements define the position size and layout of the MBS portion. The tuple MBS portion symbol/subchannel and offset/size specify the start portion and size of the MBS portion itself. The primitive contains list of burst definitions which specifies the position and size of all bursts inside the MBS portion. Every burst definition contains ~~furthermore~~ a list of MAC PDU definitions which specifies all the MAC PDU's inside a burst. In addition the primitive contains a time reference for synchronization purposes.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

Function:

This primitive is originated by the MBS Server and sent to all BS's ~~which~~ that belong to the appropriate MBS zone. ~~and i~~ It is only send if type2 MBS capability is used in the MBS zone. The C-MBS-NOTIFY (Layout) primitive is send from the MBS server to the BS's on a per 802.16 downlink frame basis. The MBS-Portion-Layout primitive may sent~~d~~ via a broadcast or multicast connection to the 802.16 entities and is not acknowledged.
The BS has to generate a MBS portion as part of the 802.16 downlink frame according to information elements received by the C-MBS-NOTIFY (Layout) primitive. Several sets of information elements define the position size and layout of the MBS portion. The tuple MBS portion symbol/subchannel and offset/size specify the start portion and size of the MBS portion itself. The primitive contains list of burst definitions which specifies the position and size of all bursts inside the MBS portion. Every burst definition contains ~~furthermore~~ a list of MAC PDU definitions which specifies all the MAC PDU's inside a burst. In addition the primitive contains a time reference for synchronization purposes.

Modify text as:

Function:

This primitive is originated by the MBS Server and sent to all BS's [BEGIN DELETE]~~which~~[END DELETE] [BEGIN INSERT[that]END INSERT] belong to the appropriate MBS zone. [BEGIN DELETE]~~and i~~ [END DELETE]It is only send if type2 MBS capability is used in the MBS zone. The C-MBS-NOTIFY (Layout) primitive is send from the MBS server to the BS's on a per 802.16 downlink frame basis. The MBS-Portion-Layout primitive may sen[BEGIN INSERT]t[END INSERT][BEGIN DELETE]~~d~~[END DELETE] via a broadcast or multicast connection to the 802.16 entities and is not acknowledged.
The BS has to generate a MBS portion as part of the 802.16 downlink frame according to information elements received by the C-MBS-NOTIFY (Layout) primitive. Several sets of information elements define the position size and layout of the MBS portion. The tuple MBS portion symbol/subchannel and offset/size specify the start portion and size of the MBS portion itself. The primitive contains list of burst definitions which specifies the position and size of all bursts inside the MBS portion. Every burst definition contains [BEGIN DELETE]~~furthermore~~[END DELETE] a list of MAC PDU definitions which specifies all [BEGIN INSERT]the[END INSERT] MAC PDU's inside a burst. In addition the primitive contains a time reference for synchronization purposes.

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1119 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 143 **Line** 36 **Fig/Table#** **Subclause** 14.2.10.3.2

text corrections

Suggested Remedy

Function:

This primitive can be sent from NCMS, and is used to notify the BSs which are in one of the MBS zones to create a new MBS transmitted radio link.

Semantics of the service primitive:
The parameters of the primitives are as follows:
C-MBS-REQ
(
Message_id,
Operation_Type(Create),
Action_Type(Null),
Destination(BS),
Attribute _list:
MBS Zone
Service flow ID
Service flow information
CS parameter information
)
MBS Zone
ID of the MBS zone as defined in IEEE Std 802.16e-2005 section 6.3.23.2.4
Service flow ID
Unique identifier to identify a unidirectional service flow, included in the primitive for NCMS initiated service flow creation.
Service flow information
Required QoS information of a service flow include traffic characteristics and a scheduling type such as service class name, QoS parameter set type, maximum sustained traffic rate, maximum
traffic burst, minimum reserved traffic rate, minimum tolerable traffic rate, service flow scheduling type, tolerate jitter and maximum latency, the connection identifier CID, Logical Channel ID and security association.
CS parameter information
Required CS information for classification and handling of the service flow.
When generated:

This primitive used from NCMS to 802.16 entities when the new MBS service data need to be delivered.
Effect of receipt:

The 802.16 entities receiving the primitive shall trigger transmission of a ~~transmitting the~~ DSA-REQ messages following the information provided by this primitive.

GroupResolution **Decision of Group:** **Agree**

Modify text as:

Function:

This primitive can be sent from NCMS, and is used to notify the BSs which are in one of the MBS zones to create a new MBS transmitted radio link.

Semantics of the service primitive:
The parameters of the primitives are as follows:
C-MBS-REQ
(
Message_id,
Operation_Type(Create),
Action_Type(Null),
Destination(BS),
Attribute _list:
MBS Zone
Service flow ID
Service flow information
CS parameter information
)
MBS Zone
ID of the MBS zone as defined in IEEE Std 802.16e-2005 section 6.3.23.2.4
Service flow ID
Unique identifier to identify a unidirectional service flow, included in the primitive for NCMS initiated service flow creation.
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Required QoS information of a service flow include traffic characteristics and a scheduling type such as service class name, QoS parameter set type, maximum sustained traffic rate, maximum
traffic burst, minimum reserved traffic rate, minimum tolerable traffic rate, service flow scheduling type, tolerate jitter and maximum latency, the connection identifier CID, Logical Channel ID and security association.
CS parameter information
Required CS information for classification and handling of the service flow.

When generated:

This primitive used from NCMS to 802.16 entities when the new MBS service data need to be delivered.
Effect of receipt:

Reason for Group's Decision/Resolution

Group's Notes

Accepted by Motion
See meeting minutes for details

Editor's Notes **Editor's Actions** a) done

2007/07/27 **IEEE 802.16-07/002r5**

Comment by: Nanjian (Jeff) Qian **Membership Status:** Member **Date:** 2006-01-11

Comment # **1120** **Document under Review:** **P802.16g/D6** **Ballot ID:** **P802.16g/D6**

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 146 **Line** 48 **Fig/Table#** **Subclause** 14.2.1

In current LBS primitive definitions, it only has GET operation type been defined. But in different LBS schemes, the LBS SET operation is also needed. It can be used to pass necessary LBS related parameters into corresponding LBS related network entities. The other change is to include SS as 802.16 Entity since LBS primitive will have interface with SS too.

Suggested Remedy

Adopt changes in contribution C80216g-07_021.doc

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

Withdrawn at commenters request. Commenter will revise contribution and resubmit in recirculation.

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1121 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 148 **Line** 61 **Fig/Table#** **Subclause** 14.2.11.2.1

Change the effect of receipt description

Suggested Remedy

Effect of receipt:

~~Null~~

The NCMS advances to the second stage of the 3-way LBS handshake exchange with the BS 802.16 entity

GroupResolution **Decision of Group:** **Agree**

Effect of receipt:

[BEGIN DELETE]~~Null~~[END DELETE]

[BEGIN INSERT]The NCMS advances to the second stage of the 3-way LBS handshake exchange with the BS 802.16 entity[END INSERT]

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1122 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 155 **Line** **Fig/Table#** **Subclause** F.3

Add additional Figure depicting BS initiated HO

Suggested Remedy

Per contribution C80216g-07-019.doc

GroupResolution **Decision of Group:** **Principle**

Accept contribution C802.16g-07/025

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Fig F7 replaced by Fig. F7 and F8 (not F7a and b).

Comment by: Peretz Feder **Membership Status:** Member **Date:** 2006-01-11

Comment # 1123 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 155 **Line** F7 **Fig/Table#** **Subclause** F.3

Update Figure F7

Suggested Remedy

Per contribustion C80216g-07-017.doc

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

Withdrawn at commenter's request

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: Jaesun Cha **Membership Status:** Member **Date:** 2006-01-11

Comment # 1124 **Document under Review:** P802.16g/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 157 **Line** 7 **Fig/Table#** **Subclause** G

In the last meeting, we discussed C80216g-06/060r1 which is about dedicated ranging procedure to support U-TOAD algorithm. But, we rejected the adoption of the contribution because the contribution needed to be revised and the group needed more time to study the proposed the remedy.

I revised the contribution based on the comments that received from the group in the last meeting.

Suggested Remedy

Discuss and adopt the contribution C80216g-07/002 or its latest version.

GroupResolution **Decision of Group:** **Principle**

Accept contribution C802.16g-07/002r1

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

Editor's Notes **Editor's Actions** a) done

Import of these Visio figures resulted in degradation of the character fonts.

Comment by: Vladimir Yanover **Membership Status:** Member **Date:** 2007/01/15

Comment # 1125 **Document under Review:** **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 9 **Line** 16 **Fig/Table#** **Subclause** 5.3

There is a concern with regard to utility of this feature alone in absence of certain framework (like upper layer protocol between the network and the terminal). For example, to use GPCS Service Flows the terminal has to apply certain classifiers at UL connections. The classification happens in this case above MAC, but anyway there should be some [upper layer] protocol to communicate the classification rules to the terminal. Currently there is no definition of such protocol. Particularly NWG spec does not have such function. Another example is negotiation of exact encapsulation format.

It was noticed by some members that this feature is actually out of the scope of 16g project defined as follows:
"This document provides enhancements to the MAC and PHY management entities of IEEE Standard 802.16-2004, as amended by P802.16e, to create standardized procedures and interfaces for the management of conformant 802.16 devices."

Recommendation: Define GPSC support as optional in 802.16g

Suggested Remedy

Change

5.3 Generic Packet Convergence Sublayer (GPCS)
The Generic Packet CS (GPCS) is an upper layer protocol-independent packet convergence sublayer that supports multiple protocols over 802.16 air interface.

Implementation of GCPS is optional.

It is defined as follows:

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

All convergence sublayers are optional. Selection of the specific CS employed in an implementation is specified by bit selection, negotiated in REG-REQ/RSP. See 11.7.7.1 Classification/PHS options and SDU encapsulation support, Table 440. This bit selection makes support of the feature optional for the SS and optional for the BS.

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

2007/07/27

IEEE 802.16-07/002r5

Comment by: Vladimir Yanover **Membership Status:** Member **Date:** 2007/01/15

Comment # **1126** **Document under Review:** **Ballot ID:** **P802.16g/D6**

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 15 **Line** 51 **Fig/Table#** **Subclause**

No need to specify MIH feature as mandatory

Suggested Remedy

6.3.25 MIH handover Function
MIH handover function is the support of IEEE Std 802.21 specific features and functions.
Implementation of MIH handover function is optional.

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

The requested optionality is already present in the text.

The use of the term 'may' does not impose a requirement on either the BS or the MS.

Note that the capability negotiation for the feature specifically calls out that MS and BS may indicate 'Not Support'

From 11.7.26
The "MIH Capability Supported" TLV indicates if MIH is supported. MS and BS that support the MIH handover function shall identify themselves by inclusion of the MIH capability supported. MS and BS that do not support the 802.21 MIH handover function shall not support the MOB_MIH-MSG management messsage.

From 6.3.2.3.62
The 802.16 entity **may** send or receive the MOB_MIH-MSG message to or from the peer 802.16 entity in order to convey MIHF Frames carrying the 802.21 MIH protocol messages.

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: Vladimir Yanover **Membership Status:** Member **Date:** 2007/01/15

Comment # 1127 **Document under Review:** **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 14 **Line** 34 **Fig/Table#** **Subclause** 6.3.2.3.63

Advertisement of Service providers IDs makes sense only for mobile and may be nomadic systems. It should be defined as optional in the standard to make it "required" in specific profiles

Suggested Remedy

Change

6.3.2.3.63 Service Identity Information (SII-ADV) message
A BS may use the SII-ADV message to broadcast a list of Network Service Provider (NSP) Identifiers. The message may be broadcast periodically without solicitation or could be solicited by an (M)SS. This message is sent from the BS to all MSs on a broadcast CID. Assignment method, administration, and usage of NSP Ids are outside the scope of this standard.
Implementation of SII-ADV message is optional for both BS and MS.

Change in p.20, line 35

11.1.8 NSP List encodings
11.1.8.1 NSP List TLV
The NSP LIST TLV is a TLV that contains one or more Network Service Provider 24-bit Identifiers. When an SBC-REQ message with an SIQ TLV (with bit 1 set) is received, the BS should respond with an SBC-RSP message with an NSP List TLV.

Implementation of NSP List TLV is optional for both BS and MS.

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

The requested optionality is already present in the text.

The text only requires support for the specified messages and TLVs when NSP IDs are used on the BS. No NSP IDs, no messages need be supported. And there is no requirement that any network or BS support NSP IDs.

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

2007/07/27 **IEEE 802.16-07/002r5**

Comment by: Vladimir Yanover **Membership Status:** Member **Date:** 2007/01/15

Comment # **1128** **Document under Review:** **IEEE P802.16g-06/D6** **Ballot ID:** **P802.16g/D6**

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 15 **Line** 1 **Fig/Table#** **Subclause** 6.3.2.3.64

Some 802.16 members noticed that more analysis needed, particularly about PHY features to be used in locating the terminal's position. Menawhile it should be defined as optional.

Suggested Remedy

6.3.2.3.64 Location Based Services (LBS-ADV) message

A BS may use the LBS-ADV message to broadcast the LBS information. The message may be broadcast periodically without solicitation. This message is sent from the BS to all MSs on a broadcast CID.

Implementation of LBS-ADV message is optional for both BS and MS.

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

The requested optionality is already present in the text.

The use of the term 'may' does not impose a requirement on either the BS or the MS.

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: Vladimir Yanover **Membership Status:** Member **Date:** 2007/01/15

Comment # 1129 **Document under Review:** IEEE P802.16g-06/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 20 **Line** 13 **Fig/Table#** **Subclause** 11.1.13

There are several problems in MAC version encoding (11.1.3).

1. The text says [about TLV value]:

6: Indicates conformance with IEEE Std 802.16-2004, IEEE Std 802.16e-2005 and IEEE Std 802.16f-2005
7: Indicates conformance with IEEE Std 802.16-2004, IEEE Std 802.16e-2005, IEEE Std 802.16f-2005 and IEEE Std 802.16g-2007

The problems:
- needs clarification as there is no “conformance with IEEE Std 802.16e-2005” (which is a combination of amendment and corrigenda to IEEE Std 802.16-2004)
- Conformance to IEEE Std 802.16-2004 + IEEE Std 802.16e-2005 is surprisingly bound to the conformance to IEEE Std 802.16f-2005 (MIB for fixed OFDM applications)
- Value 7 indicates conformance to 802.16g-2007 as a whole. Unfortunately the 16g standard includes so many topics not related to each other (ND&S, LBS, MIH, RRM, management primitives) that the only reasonable way of handling them is to make all optional and select features using profiles mechanism. It means that there should not be mandatory features in 802.16g. In this sense any system will be conformant to 802.16g, so no need to indicate conformance in the TLV

Suggested Remedy

Change to

6: Indicates conformance with IEEE Std 802.16-2004 as amended and corrected by IEEE Std 802.16e-2005 ~~and IEEE Std 802.16f-2005~~
~~7: Indicates conformance with IEEE Std 802.16-2004, IEEE Std 802.16e-2005, IEEE Std 802.16f-2005 and IEEE Std 802.16g-2007~~
7~~8~~-255: Reserved

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

IEEE documents are not separable and severable. Implementers cannot pick and choose which 'Amendments' to the standard they may enjoy implementing. The standard is specifically written so that it is the combination of all published standards documents, taken together as a whole, that yields the complete standard definition.

The presentation of the MAC version selection is dictated by the standard document publication sequence.

If the commenter wishes to select a set of features for a specific implementation, he should provide a remedy that includes a profile of such a set of features.

Group's Notes

Approved without opposition

Editor's Notes **Editor's Actions** b) none needed

Comment by: Vladimir Yanover **Membership Status:** Member **Date:** 2007/01/15

Comment # 1130 **Document under Review:** IEEE P802.16g-06/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 26 **Line** 23 **Fig/Table#** **Subclause** 11.13.38

Problems:
The following text in 802.16g is inconsistent and does not fit the scope of 16g project.
It leaves to the implementation to choose if the reported value is before or after HARQ applied, so no way for proper interpretation by the peer device:

"This TLV indicates the target packet error rate (PER) for the service flow as defined below. This PER could either be the PER as seen by the application (post ARQ and/or HARQ processing) or as seen on the airlink (before the application of ARQ and/or HARQ). The particular use of this TLV is left open to implementations
and vendor differentiations. "

Suggested Remedy

Remove 11.13.38

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

The problem statement is incorrect. There is no confusion on the part of the peer.

In 11.13.38 Packet Error Rate (PER), bit #7 (value of 0 – PER measured by the application, 1 – PER measured on the airlink) disambiguates the interpretation.

On the air interface, the peer always knows that the reported PER value is before ARQ and/or HARQ. At the application layer, the application always knows that the reported PER value is after ARQ and/or HARQ.

Group's Notes

Accpeted without objection

Editor's Notes **Editor's Actions** b) none needed

Comment by: Vladimir Yanover **Membership Status:** Member **Date:** 2007/01/15

Comment # 1131 **Document under Review:** IEEE P802.16g-06/D6 **Ballot ID:** P802.16g/D6

Comment **Type** Technical **Part of Dis** ☐ **Satisfied** ☐ **Page** 31 **Line** 1 **Fig/Table#** **Subclause** 14

Section 14 "Management interfaces and procedures" must be informative as it addresses management primitives, which are not visible in the air interface.

Suggested Remedy

Make section 14 an informative addendum

GroupResolution **Decision of Group:** **Disagree**

Reason for Group's Decision/Resolution

Section 14 forms the basis for the normative model for 802.16 to provide a method for base station-to-NCMS-to-base station communications essential for mobility, as well as other features, to function. As such, while the primitives defined in section 14 are not conformantly testable (outside of a protocol implementation) on the air interface, they provide the essential key to mobility and other features.

Group's Notes

Accpeted without objection

Editor's Notes **Editor's Actions** b) none needed