| **Comment by:** | | YANOVER, VLADIMIR | **Membership Status:** | | **Date:** 02/11/2007 |

Comment # **1**   **Document under Review:**   **Ballot ID:** **P802.16g_D7**

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

The comments in "Commentary" format required in 802.16 WG have been uploaded to 802.16 WEB site at
http://dot16.org/CSUpload//upload/NetMan_db/16g_D7_Yanover_Vladimir.cmtb

Suggested Remedy

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

No action required

Reason for Group's Decision/Resolution

Comments incorporated into the commentary database for invidual comment resolution

Group's Notes
Accepted without opposition

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

Comment by:	GIESBERTS, PIETER-PAUL	Membership Status:	Date: 02/12/2007

Comment # 2	Document under Review:	Ballot ID: **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒   **Satisfied** ☐   **Page** 17   **Line**   **Fig/Table#**   **Subclause** 6.3.2.3.63

I do not agree with the resolution of comment #53 in the 80216-07_002r5 dbase.
The current NSP mechanism using SII-ADV and SBC messages is unnecessarily complex, badly documented 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).

Chair changed the Comment Type to 'Technical' from 'General'.

Suggested Remedy

Adopt contribution C80216g-07_027.doc.

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

Reason for Group's Decision/Resolution

The analysis is useful, but flawed. The underlying assumptions are likely wrong. Assume that DCD in mobile networks is transmitted at least 1x per second; that SII-ADV is transmitted 1x per 60 seconds; MS will wait for SII-ADV before attempting initial network entry. Partial entries are eliminated.

Group's Notes
Vote:
In Favor: 1
Richard van Leeuwen

Against: 4
David Johnston
Peretz Feder
Achim Brandt
Joey Chou

Abstain: 1
Sang-Youb Kim

Comment Rejected

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

Comment by:	VAN LEEUWEN, RICHARD M	**Membership Status:**	**Date:** 02/13/2007

Comment # 3　　　　　　　　　　**Document under Review:**　　　　　　　　　**Ballot ID:** **P802.16g_D7**

Comment　　**Type** Editorial　　**Part of Dis** ☐　**Satisfied** ☐　　**Page** 161　　**Line** 15　　　**Fig/Table#**　　　**Subclause** Annex F

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

Suggested Remedy

In Figure F1, F2 and F3:
Replace "HO Request" by "C-HO-REQ"
Replace "HO Response" by "C-HO-RSP"
Replace "HO Start/Cancel" by "C-HO-IND (HO-Start / HO-Cancel)"
In Figure F4:
Replace "HO Request" by "C-HO-REQ"
Replace "HO Response" by "C-HO-RSP"
Replace "HO Start" by "C-HO-IND (HO-Start)"
Replace "HO Cancel" by "C-HO-IND (HO-Cancel)"
In Figure F5 and F6:
Replace "HO Request" by "C-HO-REQ"
Replace "HO Response" by "C-HO-RSP"
Replace "HO Start" by "C-HO-IND (HO-Start)"

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

In Figure F1, F2 and F3:
Replace "HO Request" by "C-HO-REQ"
Replace "HO Response" by "C-HO-RSP"
Replace "HO Start/Cancel" by "C-HO-IND (HO-Start / HO-Cancel)"
In Figure F4:
Replace "HO Request" by "C-HO-REQ"
Replace "HO Response" by "C-HO-RSP"
Replace "HO Start" by "C-HO-IND (HO-Start)"
Replace "HO Cancel" by "C-HO-IND (HO-Cancel)"
In Figure F5 and F6:
Replace "HO Request" by "C-HO-REQ"
Replace "HO Response" by "C-HO-RSP"
Replace "HO Start" by "C-HO-IND (HO-Start)"

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

2007/02/22   **IEEE 802.16-07/012r4**

Comment by: VAN LEEUWEN, RICHARD M   **Membership Status:**   **Date:** 02/13/2007

Comment # 4   **Document under Review:**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 46   **Line** 15   **Fig/Table#**   **Subclause** 14.1.3

The examples in Figure 470 only show C-SAP primitives. C-SAP primitives will never be sent to or received from the M-SAP.

Chair changed the comment type to 'Technical' from 'Editorial'

Suggested Remedy

In figure 470 replace "C-SAP/M-SAP" by "C-SAP"

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

In figure 470 replace "C-SAP/M-SAP" by "C-SAP"

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:** 02/13/2007 |

Comment # 5   **Document under Review:**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Editorial   **Part of Dis** ☐ **Satisfied** ☐   **Page** 131   **Line** 63   **Fig/Table#**   **Subclause** 14.2.8

The caption of Figure 508 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 without opposition

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

| **Comment by:** | VAN LEEUWEN, RICHARD M | **Membership Status:** | **Date:** 02/13/2007 |

Comment # 6   **Document under Review:**   **Ballot ID: P802.16g_D7**

Comment   **Type** Editorial   **Part of Dis** ☐   **Satisfied** ☐   **Page 139**   **Line 53**   **Fig/Table#**   **Subclause 14.2.9**

Typos in DCS-RSP and DCS-ACK

Suggested Remedy

Replace "DCS-RSP" by "DSC-RSP"
Replace "DCS-ACK" by "DSC-ACK"

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

Replace "DCS-RSP" by "DSC-RSP"
Replace "DCS-ACK" by "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:** 02/13/2007

Comment # 7   **Document under Review:**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 36   **Line** 29   **Fig/Table#**   **Subclause** 11.13.19.5.1

The GPCS_PROTOCOL_TYPE value for MPLS should be 0x0001. Note that line 44 specifies that the current value of 0x0010 is Reserved.

Suggested Remedy

Replace 0x0010 by 0x0001

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

Replace 0x0010 by 0x0001

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:** 02/13/2007

Comment # 8   **Document under Review:**   **Ballot ID: P802.16g_D7**

Comment   **Type** Editorial   **Part of Dis** ☐   **Satisfied** ☐   **Page** 51   **Line** 15   **Fig/Table#**   **Subclause** 14.2.2.1

"ACK_transfer" should be "AK_Transfer"

Suggested Remedy

Replace "ACK_transfer" by "AK_Transfer"

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

Replace "ACK_transfer" by "AK_Transfer"

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:** 02/13/2007

Comment # 9   **Document under Review:**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Editorial   **Part of Dis** ☐ **Satisfied** ☐   **Page** 56   **Line** 27   **Fig/Table#**   **Subclause** 14.2.2.2

Figure 474 does not show whether the 802.16 Entity is a BS or MS.

Suggested Remedy

Change "802.16 Entity" to "802.16 Entity (BS)"

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

Change "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: | VAN LEEUWEN, RICHARD M | Membership Status: | Date: 02/13/2007 |

Comment # 10　　　　　　　　**Document under Review:**　　　　　　　　**Ballot ID: P802.16g_D7**

Comment　　**Type** Editorial　　**Part of Dis** ☐　**Satisfied** ☐　　**Page** 61　　**Line** 56　　**Fig/Table#**　　**Subclause** 14.2.2.3.1.1

In the enumeration of Security Information, SAID is mentioned twice.

Suggested Remedy

Remove one instance of " SAID,"

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

Remove one instance of " SAID,"

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:** 02/13/2007

Comment # 11	**Document under Review:**	**Ballot ID:** P802.16g_D7

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 62   **Line** 4   **Fig/Table#**   **Subclause** 14.2.2.3.1.1

This clause specifies the following effect of the reception of a C-SM-REQ primitive: "In addition, if the serving BS issues this primitive for the MS security information, the NCMS entity shall forwards the MS information to the target BS or another NCMS entity using C-SM-RSP/Context Transfer primitive."
However the C-SM-RSP/Context Transfer primitive in 14.2.2.3.1.2 does not have a parameter to carry the Security Information.

Suggested Remedy

Add the following parameter to the C-SM-RSP/Context Transfer primitive in 14.2.2.3.1.2:
"Security Information
The information negotiated during PKM procedure. It is present when the information could be provided. AK and AK sequence number transmitted by NCMS, TEK, TEK key lifetime, TEK sequence number, CBC Initialize Vector (the reuse of IV is TBD because of the security issue), SAID, GKEK, GKEK lifetime, GKEKKID, SA-type, SA service type, Cryptographic-Suite, and Authenticator ID"

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

Add the following parameter to the C-SM-RSP/Context Transfer primitive in 14.2.2.3.1.2:
"Security Information
The information negotiated during PKM procedure. It is present when the information could be provided. AK and AK sequence number transmitted by NCMS, TEK, TEK key lifetime, TEK sequence number, CBC Initialize Vector (the reuse of IV is TBD because of the security issue), SAID, GKEK, GKEK lifetime, GKEKKID, SA-type, SA service type, Cryptographic-Suite, and Authenticator ID"

Reason for Group's Decision/Resolution

Group's Notes
Accepted without opposition

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

Parameter added to 1) the Attribute list of C-SM-RSP, and 2) the following Description.

| **Comment by:** | RIEGEL, MAXIMILIAN | **Membership Status:** | **Date:** 02/13/2007 |

Comment # 12   **Document under Review:**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 21   **Line** 14   **Fig/Table#**   **Subclause** 6.3.25

MIH Functions are optional, same as 6.3.24 MS Idle Mode. So it should be labelled "optional", for consistency with 6.3.24. - Moreover "MIH handover" is redundant.

Suggested Remedy

Change "6.3.25 MIH handover function" to "6.3.25 MIH Function (optional)". Moreover change "MIH handover function" to "MIH function" throughout the document.

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

change "MIH handover function" to "MIH function" throughout the document.

Reason for Group's Decision/Resolution

Group's Notes
Accepted without opposition

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

Comment by:	RIEGEL, MAXIMILIAN	**Membership Status:**	**Date:** 02/13/2007

Comment # 13   **Document under Review:**   **Ballot ID:** P802.16g_D7

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 42   **Line** 33   **Fig/Table#**   **Subclause** 14.1.2.1

Action_info and Action_replay_info are obsolete since never used.

Suggested Remedy

Delete "Action_info" and "Action_replay_info" from the Attribute list and from the table in that section.

GroupResolution   **Decision of Group:**   Agree

Delete "Action_info" and "Action_replay_info" from the Attribute list and from the table in that section.

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 t#44; no additional action needed.

Comment by:	RIEGEL, MAXIMILIAN	**Membership Status:**	**Date:** 02/13/2007

Comment # 14   **Document under Review:**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 51   **Line** 55   **Fig/Table#**   **Subclause** 14.2.2.1

Fig. 473 fails to show all the Operation Types of table 450.

Suggested Remedy

Add "Authenticated EAP Start" and Authenticated EAP Transfer" into this figure or add a separate figure with these primitives, whatever is more appropriate.

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

In figure 473, change the text as:
'PKMv2 EAP-Start' to 'PKMv2 EAP-Start, PKMv2 Authenticated EAP-Start'
and
'PKMv2 EAP-Transfer' to 'PKMv2 EAP-Transfer, PKMv2 Authenticated EAP-Transfer'
and
'PKMv2 EAP-Transfer' to 'PKMv2 EAP-Transfer, PKMv2 Authenticated EAP-Transfer'
and
'EAP Start' to 'EAP Start, Authenticated EAP Start'
and
'EAP Transfer' to 'EAP Transfer, Authenticated EAP Transfer'
and
'EAP Transfer' to 'EAP Transfer, Authenticated EAP Transfer'

In Table 450, change the heading as:
'Table 450—C-SM-IND Operation Types' to 'Table 450—C-SM-IND Event Types'

On page 52, lines 31-38, modify text as:
This primitive informs the authenticator in the NCMS that an SS is going to start an EAP-based authentication. The PKMv2 EAP-Start is sent by the SS to initiate either an initial EAP authentication or EAP re-authentication exchange. [BEGIN DELETE]~~In case of EAP re-authentication, the BS shall send EAP-Start to the authenticator in NCMS only if the PKMv2 EAP-Start message received from the SS is authenticated and protected by a CMAC or HMAC; otherwise, the BS shall drop the PKMv2 EAP-Start message.~~[END DELETE]

Reason for Group's Decision/Resolution

Group's Notes
Accepted without opposition

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

Comment by:	Joey Chou	**Membership Status:**	Member	**Date:** 2007/02/13

Comment # 115   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 1   **Line** 65   **Fig/Table#**   **Subclause** 1.1.1

Add the following statement to the end of the paragraph in subclause 1.1.1

"All features described in this standard are optional unless specifically stated otherwise."

Suggested Remedy

Add the following statement to the end of the paragraph in subclause 1.1.1

"All features described in this standard are optional unless specifically stated otherwise."

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

Reason for Group's Decision/Resolution

Commenter recommended that the comment be rejected.

Use of such global language would break backwards compatibility.

Group's Notes
Vote:
In Favor: 0
none

Against: 5
Peretz Feder
David Johnston
Achim Brandt
Richard van Leeuwen
Sang-Youb Kim

Abstain: 0
none

Comment rejected

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

Comment by: Peretz Feder   **Membership Status:**   Member   **Date:** 2007/02/13

Comment # 116   **Document under Review: P802.16/D7**   **Ballot ID: P802.16g_D7**

Comment   **Type** Editorial   **Part of Dis** ☐ **Satisfied** ☐   **Page** 4   **Line** 7   **Fig/Table#**   **Subclause** 1.4.3

Claryfing text

Suggested Remedy

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

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

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

Reason for Group's Decision/Resolution

Group's Notes
Accepted without opposition

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

| **Comment by:** | Vladimir Yanover | **Membership Status:** Member | **Date:** 2007/02/11 |

| **Comment #** 117 | **Document under Review:** **P802.16g/D7** | **Ballot ID:** **P802.16g_D7** |

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 9 **Line** 18 **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

Chair changed the Comment Type to 'Technical' from *empty*.

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
The place to specify mandatory or optional features is a PICS.

The support of this feature is already optional via indication using the REG-REQ/RSP (See 11.7.7.1), through capabilities negotiation.
The commenter gives no specific rationale why this feature should be singled-out for such declarative langauge, while similar features

including IP CS and Ethernet CS do not have similar language, while being similarly negotiated. There are in fact many negotiated parameters throughout the standard that do not have such specific declarative language, but are negotiated in capability negotiation as optional features.

Group's Notes

Vote:
In Favor: 1
Sang-Youb Kim

Against: 5
Peretz Feder
David Johnston
Achim Brandt
Richard van Leeuwen
Joey Chou

Abstain: 0
none

Comment rejected

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

| **Comment by:** | Erik Colban | **Membership Status:** Member | **Date:** ? |

| **Comment #** 118 | **Document under Review:** P80216g_D6.pdf | **Ballot ID:** P802.16g_D7 |

Comment   **Type** Editorial   **Part of Dis** ☐   **Satisfied** ☐   **Page** 12   **Line** 52   **Fig/Table#**   **Subclause** 536

Paragraph needs some editorial fixes.

Suggested Remedy

Replace paragraph on lines 52-56 by:

PHS header suppression and reconstruction according to chapter 5.2.3 may be deployed on particular GPCS service flows by installing PHS rules at the receiving side of the service flow using 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**

Replace paragraph on lines 52-56 by:

PHS header suppression and reconstruction according to chapter 5.2.3 [BEGIN INSERT]may[END INSERT] be deployed on particular GPCS service flows [BEGIN INSERT]by[END INSERT] installing PHS rules at the receiving side of the service flow [BEGIN INSERT]using[END INSERT] 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

Accepted without opposition

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

In fact the inserted words replaced existing ones which had to be deleted (not shown in the remedy above).

Comment by: Joey Chou   **Membership Status:**   Member   **Date:** 2007/02/13

Comment # 119   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒   **Satisfied** ☐   **Page** 16   **Line** 30   **Fig/Table#**   **Subclause** 6.3.2.3.24

WiMAX NWG and MTG decides to add ND/S TLV coverage in PICS, and have requested that MS should be able to display network name. Therefore, NSP Mapping List TLV that was removed from D3 draft should be restored

Suggested Remedy

Add the following text

NSP Mapping List (11.1.8.3)

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

Reason for Group's Decision/Resolution

Remedy makes inclusion mandatory, which is unacceptable. Realms are not required in many cases.

Realms can be up to 260 bytes long. Inclusion of Realms in SBC messages is problematic as SBC is on Basic CID, cannot be fragmented. Will cause more retransmissions of SBC, increase overhead and network entry latency.

Group's Notes
Vote:
In Favor: 2
Joey Chou
Sang-Youb Kim

Against: 3
David Johnston
Peretz Feder
Achim Brandt

Abstain: 1
Richard van Leeuwen

Comment rejected

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

| **Comment by:** | Vladimir Yanover | **Membership Status:** | Member | **Date:** 2007/02/11 |

Comment # 120　　　　　　　　**Document under Review:** **P802.16g/D7**　　　　　　**Ballot ID:** **P802.16g_D7**

Comment　　　**Type** Technical　　**Part of Dis** ☒ **Satisfied** ☐　　**Page** 17　　**Line** 50　　**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

Chair changed the Comment Type to 'Technical' from *empty*.

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 may be solicited by an 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 SSs on the broadcast CID.
Implementation of SII-ADV message is optional for both BS and MS. 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 programmable

Change in p.27, line 4

11.1.8 NSP List encodings
11.1.8.1 NSP List
The NSP LIST TLV contains one or more 24-bit Network Service Provider Identifiers. Implementation of NSP List TLV is optional for both BS and MS.

11.1.8.2 NSP Change Count
The NSP Change Count TLV indicates a change of the NSP list. Its value shall be increased by one (modulo 256) whenever the NSP list changes. Implementation of NSP Change Count TLV is optional for both BS and MS.

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

Reason for Group's Decision/Resolution

The place to specify mandatory or optional features is a PICS.

The support of this feature is already optional via usage of 'MAY' in its invocation. There is no requirement that either a BS or SS support this message, and no failure in communication will result if either does not support the message.

Group's Notes

Vote:
In Favor: 0
none

Against: 6
Peretz Feder
David Johnston
Achim Brandt
Richard van Leeuwen
Sang-Youb Kim
Joey Chou

Abstain: 0
none

Comment Rejected

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

| Comment by: | Joey Chou | Membership Status: | Member | Date: | 2007/02/13 |

| Comment # | 121 | Document under Review: | IEEE P802.16g/D7 | Ballot ID: | P802.16g_D7 |

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 18 **Line** 29 **Fig/Table#** **Subclause** 6.3.2.3.63

WiMAX NWG and MTG decides to add ND/S TLV coverage in PICS, and have requested that MS should be able to display network name. Therefore, NSP Mapping List TLV that was removed from D3 draft should be restored

Suggested Remedy

Add the following text

NSP Mapping List TLV (see 11.1.8.3)
    The NSP Mapping List TLV contains one or more mapping relations between 24-bit format NSP
    Identifier(s) and NSP realm(s),

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

Reason for Group's Decision/Resolution

Remedy makes inclusion mandatory, which is unacceptable. Realms are not required in many cases.

Realms can be up to 260 bytes long. Inclusion of Realms in SBC messages is problematic as SBC is on Basic CID, cannot be fragmented. Will cause more retransmissions of SBC, increase overhead and network entry latency.

Group's Notes
Vote:
In Favor: 2
Joey Chou
Sang-Youb Kim

Against: 3
David Johnston
Peretz Feder
Achim Brandt

Abstain: 1
Richard van Leeuwen

Comment rejected

Comment by: Peretz Feder   **Membership Status:**   Member   **Date:** 2007/02/13

Comment # 122   **Document under Review:** **P802-16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐   **Satisfied** ☐   **Page** 19   **Line**   **Fig/Table#**   **Subclause** 6.3.9.2

Introduce changes to section 6.3.9.3 enabling SS/MS avoid network entry into a loaded BS

Suggested Remedy

Adopt contribution C80216g-07_028.doc

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

Reason for Group's Decision/Resolution

While the group felt that the feature had merit, there was concern that additional text changes, and changes to the figures were still required. Also, seeking additional study on impact for Idle Mode and Sleep Mode MS. Group requests commenter to resubmit during recirculation.

Group's Notes

Vote:
In Favor: 1
Peretz Feder

Against: 3
Joey Chou
Richard van Leeuwen
Sang-Youb Kim

Abstain: 2
David Johnston
Achim Brandt

Commenr rejected

Comment by:	Peretz Feder	**Membership Status:**	Member	**Date:** 2007/02/13

Comment # 123   **Document under Review:** **P802-16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 19   **Line**   **Fig/Table#**   **Subclause** 6.3.9.5.1

Introduce changes to section 6.3.9.5.1 - Contention based initial ranging and automatic adjustments and section 6.3.10.3.1 Contention based initial ranging and automatic adjustments
enabling a BS to redirect SS/MS to another BS on another acrrier or channel

Suggested Remedy

Adopt contribution C80216g-07_029.doc

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

Accept contribution C802.16g-07/029r2

Reason for Group's Decision/Resolution

Group's Notes
Accepted without opposition

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

In section 6.3.10.3.1, Editor inserted the word "SHOULD" with lower case letters "should", in alignment with the rest of that section.

| **Comment by:** | Vladimir Yanover | **Membership Status:** | Member | **Date:** 2007/02/11 |

Comment # 124   **Document under Review:** **P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 19   **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.

Chair changed the Comment Type to 'Technical' from *empty*.

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 place to specify mandatory or optional features is a PICS.

The support of this feature is already optional via usage of 'MAY' in its invocation. There is no requirement that either a BS or SS support this message, and no failure in communication will result if either does not support the message.

Group's Notes
Vote:
In Favor: 0
none

Against: 5
Peretz Feder
David Johnston
Achim Brandt
Richard van Leeuwen
Sang-Youb Kim

Abstain: 0

none

Comment Rejected

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

2007/02/22   **IEEE 802.16-07/012r4**

Comment by: Peretz Feder   **Membership Status:**   Member   **Date:** 2007/02/13

Comment # 125   **Document under Review:** **P802-16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 21   **Line** 12   **Fig/Table#**   **Subclause** 6.3.22.2.2

Introduce changes to "6.3.22.2.2 HO decision and initiation"
allowing the MS to factor the BS loading condition when selecting the target BS for HO

Suggested Remedy

Adopt contribution C80216g-07_030.doc

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

Accept contribution C802.16g-07/030r1

Reason for Group's Decision/Resolution

Group's Notes
Accepted without opposition

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

Comment by:	Vladimir Yanover	**Membership Status:** Member	**Date:** 2007/02/11

Comment # 126   **Document under Review:** **P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 21   **Line** 16   **Fig/Table#**   **Subclause** 6.3.25

No need to specify MIH feature as mandatory

Chair changed the Comment Type to 'Technical' from *empty*.

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 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.
Implementation of MIH handover function is optional.

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

Reason for Group's Decision/Resolution

The place to specify mandatory or optional features is a PICS.

The support of this feature is already optional via usage of 'MAY' in its invocation. There is no requirement that either a BS or SS support this message, and no failure in communication will result if either does not support the message. Support of this MIH function is negotiated in 11.8.10, capability negotiation.

Group's Notes
Vote:
In Favor: 0
none

Against: 5
Peretz Feder
David Johnston
Achim Brandt
Sang-Youb Kim

Abstain: 0
none

Comment Rejected

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

2007/02/22   **IEEE 802.16-07/012r4**

          Comment by: Joey   Chou   **Membership Status:**   Member   **Date:** 2007/02/13

          Comment #   127   **Document under Review:**   **IEEE P802.16g/D7**   **Ballot ID:**   **P802.16g_D7**

Comment   **Type** Editorial   **Part of Dis** ☐ **Satisfied** ☐   **Page** 22   **Line** 29   **Fig/Table#**   **Subclause** 8.4.5.4

The font size in the Note column is bigger that other columns

Suggested Remedy
Change the font size to be the same as other columns.

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

Change the font size to be the same as other columns.

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:** 2007/02/13

Comment # 128   **Document under Review:** P802-16g/D7   **Ballot ID:** P802.16g_D7

Comment   **Type** Editorial   **Part of Dis** ☐ **Satisfied** ☐   **Page** 24   **Line** 38   **Fig/Table#** 342   **Subclause** 10.1

Text correction to the MS,BS Time Reference entry in table 342

Suggested Remedy

MS: In case of broadcast method, MS shall monitor the frame at ~~the~~ every cycle time for transmission of SII-ADV up to the Query Retry Counter value.

BS: In case of unicast method, BS shall poll the MS to deliver PKM-RSP carrying
Query Response up to the Query Retry Counter value. If the BS does not receive a PKM-REQ (code=33) until the counter is exhausted, management CIDs shall be released.

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

MS: In case of broadcast method, MS shall monitor the frame at [BEGIN DELETE]~~the~~[END DELETE] every cycle time for transmission of SII-ADV up to the Query Retry Counter value.

BS: In case of unicast method, BS shall poll the MS to deliver PKM-RSP carrying
Query Response up to the Query Retry Counter value. If the BS does not receive a PKM-REQ (code=33) until the counter is exhausted, management CIDs shall be released.

Reason for Group's Decision/Resolution

Group's Notes
Accepted without opposition

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

| **Comment_by:** | Joey Chou | **Membership Status:** | Member | **Date:** 2007/02/13 |

Comment # 129   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 25   **Line** 18   **Fig/Table#** 346   **Subclause** 11.1

Add NSP Mapping List TLV to Table 346

Suggested Remedy

Add the following type to table 346

| Type | Name |
| 141 | NSP Mapping List |

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

Reason for Group's Decision/Resolution

Remedy makes inclusion mandatory, which is unacceptable. Realms are not required in many cases.

Realms can be up to 260 bytes long. Inclusion of Realms in SBC messages is problematic as SBC is on Basic CID, cannot be fragmented. Will cause more retransmissions of SBC, increase overhead and network entry latency.

Group's Notes
Vote:
In Favor: 2
Joey Chou
Sang-Youb Kim

Against: 3
David Johnston
Peretz Feder
Achim Brandt

Abstain: 1
Richard van Leeuwen

Comment rejected

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

Comment by:	Vladimir Yanover	**Membership Status:**	Member	**Date:** 2007/02/11

Comment # 130   **Document under Review:** **P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 26   **Line** 42   **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" alone (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

Chair changed the Comment Type to 'Technical' from *empty*.

Suggested Remedy
Change

6: Indicates conformance with IEEE Std 802.16-2004 as amended and corrected IEEE Std 802.16e-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
The proposed remedy in all ways is inconsistent with practice and precedence in IEEE 802 for identification of MAC version support.

The proposed changes to line 6 fails to be backwards compatibile with previous amendments.

Commenter's argument regarding the optionality of supporting 802.16g features is inaccurate. While some changes introduced in 802.16g, such as fundamental changes to the 802.16 architecture and reference model are not overly testable, compliane is required to ensure proper support for future 802.16 activity. Thus, compliance with 802.16g is material, and identification of MAC support is important.

Group's Notes

Vote:
In Favor: 0
none

Against: 6
Peretz Feder
David Johnston
Achim Brandt
Richard van Leeuwen
Sang-Youb Kim
Joey Chou

Abstain: 0
none

Comment Rejected

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

Comment by: Joey   Chou   **Membership Status:**   Member   **Date:** 2007/02/13

Comment # 131   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 27   **Line** 43   **Fig/Table#**   **Subclause** 11.1.8

WiMAX NWG and MTG decides to add ND/S TLV coverage in PICS, and have requested that MS should be able to display network name. Therefore, NSP Mapping List TLV that was removed from D3 draft should be restored

Suggested Remedy

Add the following TLV

11.1.8.3 NSP Mapping List TLV
NSP Mapping List is an optional compound TLV that contains one or more mapping relations between 24-bit format NSP Identifier(s) and NSP realm(s), and it may be included in a SBC-RSP message.BS shall respond to SBC-REQ including SIQ TLV with value=0 with an SBC-RSP message including NSP Mapping List TLV.

Table 112—NSP Mapping List TLV

Name	Type	Length	Value	Scope
NSP Mapping List TLV	141	variable	Compound (the compound field contains sub-attributes as defined in Table 113)	SBC-RSP, SII-ADV

Table 113—NSP mapping List sub-attributes field

Type	Length	Value
NSP Identifier	3	24-bit format NSP identifier
NSP realm	variable	NSP realm, the fully qualified domain name

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

Reason for Group's Decision/Resolution

Remedy makes inclusion mandatory, which is unacceptable. Realms are not required in many cases.

Realms can be up to 260 bytes long. Inclusion of Realms in SBC messages is problematic as SBC is on Basic CID, cannot be fragmented. Will cause more retransmissions of SBC, increase overhead and network entry latency.

Group's Notes
Vote:
In Favor: 2

Joey Chou
Sang-Youb Kim

Against: 3
David Johnston
Peretz Feder
Achim Brandt

Abstain: 1
Richard van Leeuwen

Comment rejected

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

Comment by:　　Peretz Feder　　　　　　　**Membership Status:**　Member　　　　　**Date:** 2007/02/13

Comment # 132　　　　　　　**Document under Review:** P802-16g/D7　　　　　**Ballot ID:** P802.16g_D7

Comment　　**Type** Editorial　　**Part of Dis** ☐ **Satisfied** ☐　　**Page** 28　　**Line** 47　　**Fig/Table#**　　**Subclause** 11.1.9.3

Text correction

Suggested Remedy

Cycle TLV is included to indicate when Query Response is expected. MS shall only ~~to~~ check the cycle for the SII-ADV transmission in case of broadcast transmission method or the MIH_Polling_IE in the UL-MAP in case of unicast transmission method, and MS can switch to power saving mode while waiting for the Cycle

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

Cycle TLV is included to indicate when Query Response is expected. MS shall only [BEGIN DELETE]~~to~~[END DELETE] check the cycle for the SII-ADV transmission in case of broadcast transmission method or the MIH_Polling_IE in the UL-MAP in case of unicast transmission method, and MS can switch to power saving mode while waiting for the Cycle

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:** 2007/02/13 |

| **Comment #** 133 | | | **Document under Review:** P802-16g/D7 | | | **Ballot ID:** P802.16g_D7 |

Comment   **Type** Technical   **Part of Dis** ☐   **Satisfied** ☐   **Page** 30   **Line** 1   **Fig/Table#**   **Subclause** 11.3.1

Introduce changes to
"11.3.1 UCD channel encoding"
and
"11.4.1 DCD channel encoding"

adding TLV 23 and 24Non-pre-assigned DL radio resources

Chair changed the Comment Type to 'Technical' from 'Editorial' at the commenter's request

Suggested Remedy

Adopt contribution C80216g-07_031.doc

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

Reason for Group's Decision/Resolution

While the group felt that the feature had merit, there was concern that additional text changes, and changes to the figures were still required. Also, seeking additional study on impact for Idle Mode and Sleep Mode MS. Group requests commenter to resubmit during recirculation.

Group's Notes

Vote:
In Favor: 1
Peretz Feder

Against: 3
Joey Chou
Richard van Leeuwen
Sang-Youb Kim

Abstain: 2
David Johnston
Achim Brandt

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

2007/02/22   **IEEE 802.16-07/012r4**

Comment by: Erik Colban   **Membership Status:**   Member   **Date:** ?

Comment # 134   **Document under Review:** P80216g_D7.pdf   **Ballot ID:** P802.16g_D7

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 30   **Line** 9   **Fig/Table#**   **Subclause** 11.4.1

The text in the introductory paragraph is unclear, especially how the combination of the setting of bits #0 and #1-#3. Existence of an information service on the layer 2 broadcast area is outside the scope of 802.16, as the case is for, e.g., ARP and DHCP discovery. What the bits should indicate is which MAC management messages and attribute values are supported by the BS.

Suggested Remedy

Disallow setting of bits #1-#3 to 1 when bit #0 is set to 0. Remove text that pertains to the setting of bit #0 to 0 and bits #1-#3 to 1, - or clarify the meaning of these settings.

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

Accept contribution C802.16g-07/034r2

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:** 2007/02/13 |

Comment # 135   **Document under Review:** **P802-16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐   **Satisfied** ☐   **Page** 31   **Line** 8   **Fig/Table#**   **Subclause** 11.6

Modify Type 3 to allow channel redirection

Suggested Remedy

Adopt contribution C80216g-07_032.doc

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

Accept contribution C802.16g-07/032r1

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

Comment by: Erik   Colban   **Membership Status:**   Member   **Date:** ?

Comment # 136   **Document under Review:** **P80216g_D7.pdf**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 33   **Line** 3   **Fig/Table#**   **Subclause** 11.8.10

The text in the introductory paragraph is unclear, especially how the combination of the setting of bits #0 and #1-#3. Existence of an information service on the layer 2 broadcast area is outside the scope of 802.16, as the case is for, e.g., ARP and DHCP discovery. What the bits should indicate is which MAC management messages and attribute values are supported by the BS. Also the setting of the bits is asymmetrical; not all settings apply to the MS.

Suggested Remedy

Disallow setting of bits #1-#3 to 1 when bit #0 is set to 0. Remove text that pertains to the setting of bit #0 to 0 and bits #1-#3 to 1, - or clarify the meaning of these settings. Also, clarify the setting of the bits at the MS.

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

Accept contribution C802.16g-07/034r2

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

Same remedy as comment#34.

Comment by:	Peretz Feder	**Membership Status:** Member	**Date:** 2007/02/13

Comment # 137   **Document under Review:** P802-16g/D7   **Ballot ID:** P802.16g_D7

Comment   **Type** Editorial   **Part of Dis** ☐ **Satisfied** ☐   **Page** 36   **Line** 35   **Fig/Table#**   **Subclause** 11.13.19.5.1

text correction to the 0x003 entry Notes column

Suggested Remedy

Raw IP packets. This is necessar~~ily~~ for a point to point IP link since ARP cannot be supported. Note that the first byte of every IP packet allows the distinction between IPv4, IPv6 and ROHC (RFC 3095) IP packets so these protocols may be multiplexed over the same GPCS connection

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

Raw IP packets. This is necessar[BEGIN INSERT]y[END INSERT][BEGIN DELETE ~~ily~~[END DELETE] [BEGIN INSERT]for[END INSERT] a point to point IP link since ARP cannot be supported. Note that the first byte of every IP packet allows the distinction between IPv4, IPv6 and ROHC (RFC 3095) IP packets so these protocols may be multiplexed over the same GPCS connection

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

| **Comment by:** | Vladimir Yanover | **Membership Status:** | Member | **Date:** 2007/02/11 |

Comment # 138   **Document under Review:** **P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 37   **Line** 1   **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. "

Chair changed the Comment Type to 'Technical' from *empty*.

Suggested Remedy

Remove 11.13.38

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

On page 37, in 11.13.38, in the Table, In the 'value' field, modify as:

'0 – PER measured by the application[BEGIN INSERT], post -ARQ and post-HARQ process[END INSERT]'

'1 – PER measured on the airlink[BEGIN INSERT], before the application of ARQ and HARQ[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:** 2007/02/13

Comment # 139   **Document under Review:** P802-16g/D7   **Ballot ID:** P802.16g_D7

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 37   **Line** 56   **Fig/Table#**   **Subclause** 11.18.2

Add DCD to the scope of TLV 23 in section 11.18.2

Suggested Remedy

In Sections "11.18.2 Non-pre-assigned DL radio resources"

Add DCD to the scope entry in the table.
The Scope is changed to: MOB_NBR-ADV, DCD

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

Reason for Group's Decision/Resolution

While the group felt that the feature had merit, there was concern that additional text changes, and changes to the figures were still required. Also, seeking additional study on impact for Idle Mode and Sleep Mode MS. Group requests commenter to resubmit during recirculation.

Group's Notes
Vote:
In Favor: 1
Peretz Feder

Against: 3
Joey Chou
Richard van Leeuwen
Sang-Youb Kim

Abstain: 2
David Johnston
Achim Brandt

Commenr rejected

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

Comment by: Peretz Feder   **Membership Status:**   Member   **Date:** 2007/02/13

Comment # 140   **Document under Review: P802-16g/D7**   **Ballot ID: P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 38   **Line** 17   **Fig/Table#**   **Subclause** 11.18.3

Add UCD to the scope of TLV 24 in section 11.18.3

Suggested Remedy

In Sections "11.18.3 Non-pre-assigned UL radio resources"

Add UCD to the Scope entry in the table.
The scope is changed to: MOB_NBR-ADV, UCD

GroupResolution   **Decision of Group: Disagree**

Reason for Group's Decision/Resolution

While the group felt that the feature had merit, there was concern that additional text changes, and changes to the figures were still required. Also, seeking additional study on impact for Idle Mode and Sleep Mode MS. Group requests commenter to resubmit during recirculation.

Group's Notes
Vote:
In Favor: 1
Peretz Feder

Against: 3
Joey Chou
Richard van Leeuwen
Sang-Youb Kim

Abstain: 2
David Johnston
Achim Brandt

Commenr rejected

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

Comment by:	Vladimir Yanover	**Membership Status:**	Member	**Date:** 2007/02/11

Comment # 141   **Document under Review: P802.16g/D7**   **Ballot ID: P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 41   **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.

Chair changed the Comment Type to 'Technical' from *empty*.

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
Vote:
In Favor: 0
none

Against: 6
Peretz Feder
David Johnston
Achim Brandt
Richard van Leeuwen
Sang-Youb Kim
Joey Chou

Abstain: 0
none

Comment Rejected

2007/02/22   **IEEE 802.16-07/012r4**

<u>**Comment by:**</u>   Joey   Chou   <u>**Membership Status:**</u>   Member   <u>**Date:**</u> 2007/02/13

<u>**Comment #**</u> **142**   <u>**Document under Review:**</u> **IEEE P802.16g/D7**   <u>**Ballot ID:**</u> **P802.16g_D7**

<u>**Comment**</u>   <u>**Type**</u> Editorial   <u>**Part of Dis**</u> ☒ <u>**Satisfied**</u> ☐   <u>**Page**</u> 42   <u>**Line**</u> 10   <u>**Fig/Table#**</u>   <u>**Subclause**</u> 14.1.2.2

It appears the following parameters are not used in the primitives.
Time,
SAP_Error_code

<u>**Suggested Remedy**</u>

Remove the following parameters in the primitive template and the corresponding table
Time,
SAP_Error_code

<u>**GroupResolution**</u>   <u>**Decision of Group:**</u>   **Agree**

Remove the following parameters in the primitive template and the corresponding table
Time,
SAP_Error_code

<u>**Reason for Group's Decision/Resolution**</u>

<u>**Group's Notes**</u>
Accepted without opposition

<u>**Editor's Notes**</u>   <u>**Editor's Actions**</u>   a) done

This is on page 44, not 42.

Comment by: Joey Chou   **Membership Status:**   Member   **Date:** 2007/02/13

Comment # 143   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Editorial   **Part of Dis** ☒ **Satisfied** ☐   **Page** 42   **Line** 25   **Fig/Table#**   **Subclause** 14.1.2.1

Confirmed_flag is not used in the primitives.

Suggested Remedy

Remove the Confirmed_flag parameter in the primitive template and the corresponding table

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

Remove the Confirmed_flag parameter in the primitive template and the corresponding table

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

Comment by:	Joey Chou	**Membership Status:** Member	**Date:** 2007/02/13

Comment # 144   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Editorial   **Part of Dis** ☒ **Satisfied** ☐   **Page** 42   **Line** 30   **Fig/Table#**   **Subclause** 14.1.2.1

It appears the following parameters are not used in the primitives.
Filter,
Scope,
Action_info,
Action_replay_info,
Time,
SAP_error_code

Suggested Remedy

Remove the following parameters in the primitive template and the corresponding table
Filter,
Scope,
Action_info,
Action_replay_info,
Time,
SAP_error_code

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

Remove the following parameters in the primitive template and the corresponding table
Filter,
Scope,
Action_info,
Action_replay_info,
Time,
SAP_error_code

Reason for Group's Decision/Resolution

Group's Notes
Accepted without opposition

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

Comment by: Joey Chou   **Membership Status:** Member   **Date:** 2007/02/13

Comment # 145   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 43   **Line** 7   **Fig/Table#**   **Subclause** 14.1.2.1

Operation_type = Cancel is not used in the document

Chair changed Commen Type to 'Technical' from 'Editorial'

Suggested Remedy

Remove "Cancel" from the operation_type

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

Remove "Cancel" from the operation_type

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

Comment by: Joey   Chou   **Membership Status:**   Member   **Date:** 2007/02/13

Comment # 146   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 43   **Line** 36   **Fig/Table#**   **Subclause** 14.1.2.1

Remove "Set' in the Action_type

Suggested Remedy

Remove "Set' in the Action_type

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

Remove "Set' in the Action_type

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

Comment by:		Joey Chou		**Membership Status:**	Member		**Date:** 2007/02/13

Comment # 147   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 44   **Line** 5   **Fig/Table#**   **Subclause** 14.1.2.2

Confirmed_Flag and Event_info are not used in the primitives.

Chair changed Commen Type to 'Technical' from 'Editorial'

Suggested Remedy

Remove the Confirmed_flag and Event_info parameter in the primitive template and the corresponding table

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

Remove the Confirmed_flag and Event_info parameter in the primitive template and the corresponding table

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:** 2007/02/13

Comment # 148   **Document under Review: P802-16g/D7**   **Ballot ID: P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 45   **Line** 17   **Fig/Table#**   **Subclause** 14.1.2.2

Remove DHC and MIP entries from the table. These IP assignment options were remove from D6 but were skipped in this table

Suggested Remedy

Remove the following from the table:

* ~~DHC_TRANSFER~~
*~~MIP_TRANSFER~~

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

Remove the following from the table:

[BEGIN DELETE]* ~~DHC_TRANSFER~~[END DELETE]
[BEGIN DELETE]*~~MIP_TRANSFER~~[END DELETE]

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

DHCP_TRANSFER and MIP_TRANSFER removed.

Comment by:	Jaesun Cha	**Membership Status:** Member	**Date:** 2007/02/12

Comment # 149   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 47   **Line** 4   **Fig/Table#** 471   **Subclause** 14.2.1.1

While we discussed the resolution of comment #32 in the last meeting, we agreed that we needed to improve the mechanics of the M-ACM-IND function. In the current draft, whenever accounting events (registration, service flow creation, de-registration, etc) are occurred, the BS gathers accounting information and reports it using M-ACM-IND primitive that does not require an acknowledgment. By definition, any indication primitive is used to just notify an event. Therefore, it doesn't need to include any information

Suggested Remedy

Adopt texts in C802.16g-07/026

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

Adopt texts in C802.16g-07/026

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

Table number 449 assigned - to avoid renumbering of all subsequent tables 450 to 461. Table number 449 seems to be available. (Not sure whether automatic linkage to table and figure numbers has been applied consistently yet, so we should avoid renumbering if possible.)
At this occasion, Editor spotted that Table 440 was incorrectly numbered and its heading is obsolete, so Editor removed that table heading in section 11.7.7.1.

Comment by: Joey   Chou   **Membership Status:**   Member   **Date:** 2007/02/13

Comment # 150   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 64   **Line** 6   **Fig/Table#**   **Subclause** 14.2.3.1.1

M-SMC-IND is applicable to both BS and MS

Suggested Remedy

Change

Function:
SMC payload is sent from NCMS (BS) to 802.16 Entity (BS).

To

Function:
SMC payload is sent from NCMS to 802.16 Entity.

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

Change

Function:
SMC payload is sent from NCMS (BS) to 802.16 Entity (BS).

To

Function:
SMC payload is sent from NCMS to 802.16 Entity.

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

Comment by: Joey   Chou   **Membership Status:**   Member   **Date:** 2007/02/13

Comment #   151   **Document under Review:**   **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 64   **Line** 17   **Fig/Table#**   **Subclause** 14.2.3.1.1

The Destination should be MS, since Figure 477 uses MS

Suggested Remedy

Change

Destination(SS, BS, or NCMS),

To

Destination(MS, BS, or NCMS),

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

Change all instances of 'MS' to 'SS' in Figure 477, and throughout subclause 14.2.3

Change all instances of 'SS/MS' to 'SS' throughout subclause 14.2.3

Reason for Group's Decision/Resolution

Group's Notes
Accepted without opposition

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

Comment by: Joey Chou	**Membership Status:** Member	**Date:** 2007/02/13

Comment # 152   **Document under Review:** IEEE P802.16g/D7   **Ballot ID:** P802.16g_D7

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 68   **Line** 60   **Fig/Table#** 481   **Subclause** 14.2.4.2

Figure title is misleading. Make it consistent with Figure 480

Suggested Remedy

Change

Figure 481—Idle mode initiation (NCMS on the BS side)

To

Figure 481—Idle mode initiation (NCMS on the BS side Initiated)

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

Change

Figure 481—Idle mode initiation (NCMS on the BS side)

To

Figure 481—Idle mode initiation (initiated by the 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:	Joey Chou	**Membership Status:** Member		**Date:** 2007/02/13

Comment # 153 **Document under Review:** **IEEE P802.16g/D7** **Ballot ID:** **P802.16g_D7**

Comment **Type** Technical **Part of Dis** ☒ **Satisfied** ☐ **Page** 70 **Line** 22 **Fig/Table#** **Subclause** 14.2.4.2.1

Subclause 14.2.4.2.1 contains two subfunctions that is hard to read. I suggest splitting the subfunctions into subclauses.

Suggested Remedy

Change the structure of Subclause 14.2.4.2.1 to the following:

14.2.4.2.1 C-PG-REQ

This primitive is used by an 802.16 entity or NCMS to trigger an idle mode service procedure. 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

14.2.4.2.1.1 C-PG-REQ (action type = Idle_Mode_Operation)

Function
This primitive is issued by a BS to inform the Paging and Idle Mode Services entity 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.

Semantics of the service primitive:

The parameters of the primitives are as follows:
C-PG-REQ
(
Operation_type: Action,
Action_type: Idle_Mode_Initiation,
Destination: NCMS, BS, MS
Attribute_List:
MS MAC Address
Paging_Information
Paging Controller ID
Security Information
Idle Mode Retain Information

MAC Hash Skip Threshold
Service Flow parameters
Service and operational information
)

When generated:
This primitive is generated when a BS receives a DREG-REQ message with Deregistration_Request_Code=0x01, "request for MS
De-Registration from serving BS and initiation
of MS Idle Mode".

Effect of receipt:
This primitive shall be generated on the BS side and the Paging and Idle Mode Services entity shall respond to this primitive by sending
C-PG-RSP(Idle_Mode_Initiation).

14.2.4.2.1.2 C-PG-REQ (action type = Network re-entry from Idle mode)

Function
This primitive is issued by a BS to inform the Paging and Idle Mode Services entity of Paging Services
that the specified MS is attempting to re-enter network.

Semantics of the service primitive:

The parameters of the primitives are as follows:

C-PG-REQ
(
Operation_type: Action,
Action_type: Network_Re-Entry_from_Idle_Mode,
Destination: NCMS,
Attribute_List:
MS MAC Address
Paging Information
Paging Controller ID
BSID
)
When generated:
This primitive is generated by a BS when it receives a RNG-REQ message including Ranging Purpose
Indication with setting bit #0 to 1 in combination with Paging Controller ID.

Effect of receipt:
C-PG-REQ(Network_Re-Entry_from_Idle_Mode) notifies the Paging and Idle Mode Services entity 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.

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

Change the structure of Subclause 14.2.4.2.1 to the following:

14.2.4.2.1 C-PG-REQ

This primitive is used by an 802.16 entity or NCMS to trigger an idle mode service procedure. 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

14.2.4.2.1.1 C-PG-REQ (action type = Idle_Mode_Operation)

Function
This primitive is issued by a BS to inform the Paging and Idle Mode Services entity 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.

Semantics of the service primitive:

The parameters of the primitives are as follows:
C-PG-REQ
(
Operation_type: Action,
Action_type: Idle_Mode_Initiation,
Destination: NCMS, BS, MS
Attribute_List:
MS MAC Address
Paging_Information
Paging Controller ID
Security Information
Idle Mode Retain Information
MAC Hash Skip Threshold
Service Flow parameters
Service and operational information
)

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

This was accepted "in principle" because the agreed remedy is different from the original suggested remedy in a previous version of the commentary DB.
- Editor implemented "Inserted 14.2.4.2.1.1 C-PG-REQ (Action_Type==Idle_Mode_Initiation)", not (Action_Type==Idle_Mode_Operation). For consistency.

Comment by:	Joey Chou	**Membership Status:** Member	**Date:** 2007/02/13

Comment # 154   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 72   **Line** 19   **Fig/Table#**   **Subclause** 14.2.4.2.2

Subclause 14.2.4.2.2 contains two subfunctions that is hard to read. I suggest splitting the subfunctions into subclauses.

Suggested Remedy

Change the structure of Subclause 14.2.4.2.2 to the following:

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

14.2.4.2.2.1 C-PG-RSP (action type = Idle_Mode_Operation)

Function
This primitive is issued by the Paging and Idle Mode Services entity in the NCMS in response to the C-PG-REQ(Idle_Mode_Initiation)
primitive.

Semantics of the service primitive:

The parameters of the primitives are as follows:
C-PG-RSP
(
Operation_type: Action,
Action_type: Idle_Mode_Initiation,
Destination: NCMS, BS, MS
Attribute_List:
Action code
MS MAC Address
Paging Information
Paging Controller ID
Idle Mode Retain Information
MAC Hash Skip Threshold

REQ-duration
)

When generated:
This primitive is generated to request a BS to issue a DREG-CMD message.

Effect of receipt:
A BS receiving C-PG-RSP(Idle_Mode_Initiation) shall transmit DREG-CMD message with setting each field in accordance with the information elements in this primitive.

14.2.4.2.2.2 C-PG-RSP (action type = Network re-entry from Idle mode)

Function
This primitive is issued by the Paging and Idle Mode Services entity to confirm the MS Network Re-entry from Idle Mode and provide the BS, at which the MS is attempting to re-enter the network,with service and operational information.

Semantics of the service primitive:

The parameters of the primitives are as follows:

C-PG-RSP
(
Operation_type: Action,
Action_type: Network_Re-Entry_from_Idle_Mode,
Destination: NCMS,
Attribute_List:
MS MAC Address
Security Information
Service and operational information
)

When generated:
This primitive is generated by BS when a RNG-REQ message including Ranging Purpose Indication
with setting bit #0 to 1 in combination with Paging Controller ID.

Effect of receipt:
BS receiving C-PG-RSP(Network_Re-Entry_from_Idle_Mode) transmits RNG-RSP message including HO Process Optimization which is based on the service and operational information in this primitive.The BS acknowledges the receipt of this message by transmitting the C-PG-ACK(Network_Re-Entry_from_Idle_Mode) message to the NCMS.

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

Change the structure of Subclause 14.2.4.2.2 to the following:

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

14.2.4.2.2.1 C-PG-RSP (action type = Idle_Mode_Operation)

Function
This primitive is issued by the Paging and Idle Mode Services entity in the NCMS in response to the C-PG-REQ(Idle_Mode_Initiation)
primitive.

Semantics of the service primitive:

The parameters of the primitives are as follows:
C-PG-RSP
(
Operation_type: Action,
Action_type: Idle_Mode_Initiation,
Destination: NCMS, BS, MS
Attribute_List:
Action code
MS MAC Address
Paging Information
Paging Controller ID
Idle Mode Retain Information
MAC Hash Skip Threshold
REQ-duration
)

When generated:
This primitive is generated to request a BS to issue a DREG-CMD message.

<u>Reason for Group's Decision/Resolution</u>

2007/02/22   **IEEE 802.16-07/012r4**

Comment by: Joey   Chou   **Membership Status:**   Member   **Date:** 2007/02/13

Comment # 155   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Editorial   **Part of Dis** ☐   **Satisfied** ☐   **Page** 77   **Line** 33   **Fig/Table#**   **Subclause** 14.2.4.3.1

Inconsistent Operation_type and Action_type.

Operation_type: Set,
Action_type: Location Update,

Operation_Type(Action),
Action_Type(HO-Target),

Suggested Remedy

Change all occurrence of Operation_type and Action_type to Operation_Type and Action_Type.

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

Change all occurrence of Operation_type and Action_type to Operation_Type and Action_Type.

Reason for Group's Decision/Resolution

Group's Notes
Accepted without opposition

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

Comment by: Joey Chou   **Membership Status:**   Member   **Date:** 2007/02/13

Comment # 156   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 77   **Line** 34   **Fig/Table#**   **Subclause** 14.2.4.3.1

Action_type is valid only when Operation_type = action according to its definition in 14.1.2.1 . It should be the same as 14.2.4.3.2.

Suggested Remedy

Change Operation_type to Action

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

Change Operation_type from 'Set' to 'Action'

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:** 2007/02/13

Comment # 157   **Document under Review:** **P802-16g/D6**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 85   **Line**   **Fig/Table#** 493   **Subclause** 14.2.5.2

Correct error in Figure 492. The report is not Local but rtather targeted over the air (hence remote)

Suggested Remedy

Change in Figure 492 C-HO-REQ(HO-SCAN Report target: Local)
to
C-HO-REQ(HO-SCAB Report target: Remote)

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

Change in Figure 492 C-HO-REQ(HO-SCAN Report target: Local)
to
C-HO-REQ(HO-SCAN Report target: Remote)

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:** 2007/02/13

Comment # 158　　　　　　　**Document under Review:** **P802-16g/D6**　　　　　**Ballot ID:** **P802.16g_D7**

Comment　　**Type** Editorial　　**Part of Dis** ☐　**Satisfied** ☐　　**Page** 87　　**Line** 48　　**Fig/Table#**　　**Subclause** 14.2.5.2.1.1

Text correction

Suggested Remedy

Candidate target BS list
For BS generated primitive, this is the list of BSs which are recommended for a target BS ~~or an active BS by the MS~~. Additional HO quality information such as Service Level Prediction and RF Signal Information also can be included in this list. For NCMS generated primitive, this is the list of recommended target BSs by the Mobility Management Services entity. The BSs in the list may be the candidate target BSs for HO or an Anchor BS or Active BSs for SHO/FBSS according to the value of HO type and Mode MS Access Information, Newly Allocation Information,
and HO Quality Information can be included in this list.

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

Candidate target BS list
For BS generated primitive, this is the list of BSs which are recommended for a target BS [BEGIN DELETE]~~or an active BS by the MS~~[END DELETE]. Additional HO quality information such as Service Level Prediction and RF Signal Information also can be included in this list. For NCMS generated primitive, this is the list of recommended target BSs by the Mobility Management Services entity. The BSs in the list may be the candidate target BSs for HO or an Anchor BS or Active BSs for SHO/FBSS according to the value of HO type and Mode MS Access Information, Newly Allocation Information,
and HO Quality Information can be included in this list.

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:** | 2007/02/13 |

Comment # 159   **Document under Review:** **P802-16g/D6**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Editorial   **Part of Dis** ☐   **Satisfied** ☐   **Page** 90   **Line** 2   **Fig/Table#**   **Subclause** 14.2.5.2.1.3

Clean text

Suggested Remedy

Link Status Report Period
Time period indicating when ~~that~~ the scanning report shall be sent ~~made~~.

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

Link Status Report Period
Time period indicating when [BEGIN DELETE]~~that~~[END DELETE] the scanning report shall be [BEGIN INSERT]sent[END INSERT]
[BEGIN DELETE]~~made~~[END DELETE].

Reason for Group's Decision/Resolution

Group's Notes
Accepted without opposition

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

The remedy was: Time period indicating when ~~that~~ the scanning report shall be sent ~~made~~.

Comment by:	Joey Chou	**Membership Status:** Member	**Date:** 2007/02/13

Comment # 160   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 99   **Line** 48   **Fig/Table#**   **Subclause** 14.2.5.2.3.3

C-HO-IND can be sent from NCMS to 802.16 BS entity:

Suggested Remedy

Change

Destination(NCMS, MS),

To

Destination(NCMS, BS, MS),

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

Change

Destination(NCMS, MS),

To

Destination(NCMS, BS, MS),

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

Comment by:	Joey Chou	**Membership Status:**	Member	**Date:** 2007/02/13

Comment # 161   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 105   **Line** 40   **Fig/Table#**   **Subclause** 14.2.9.1.1

Destination, Event_Type, Operation_type and Action_type have different definitions.

For example:

Operation_Type(Create),
Action_Type(Null),
Event_Type(Neighbor-BS Radio Resource Status Update),
Destination(MS, or BS, or NCMS),

Operation_Type: Get,
Action_Type: Null,
Event_Type: NBR_BS_Update,
Destination: BS

Suggested Remedy

use consistent definition throughout the whole document

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

Editor to fix format for 'Semantics of the service primitive' throughout subclause 14.2 to be consistent with the rest of the document

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

In general, syntax used like:
Action_Type: Null,
Destination: MS, or BS, or NCMS, ...,
i.e. no brackets any more.

Comment by:	Joey Chou	**Membership Status:**	Member	**Date:** 2007/02/13

Comment # 162   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 106   **Line** 3   **Fig/Table#**   **Subclause** 14.2.6.1.1.1

There are no "When generated:" and "Effect of receipt:" in the following subcluses:
14.2.6.1.1.1,
14.2.6.1.1.2,
14.2.6.1.2.1,
14.2.6.1.2.2,
14.2.6.1.3.1,
14.2.6.1.3.2,

Suggested Remedy

Remove all "When generated:" and "Effect of receipt:" throughout the document, since in many cases "When generated:" and "Effect of receipt:" don't contain meaningful information.

For example; P122, L54

When generated:
This primitive is generated when decided to notify the ranging result after receiving ranging request.
Effect of receipt:
MAC layer sends RNG-RSP message

P123, L49
Effect of receipt:
The upper layer entity receives the result of ranging.
When generated:
This primitive is generated when MAC layer receives RNG-RSP message.

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

Reason for Group's Decision/Resolution

The group would prefer that commenters bring future comments to add 'When generated' and 'Effect of receipt' language to primitives currently missing such language. These sections are normative and useful.

Group's Notes

Vote:
In Favor: 0
none

Against: 5
David Johnston
Peretz Feder
Achim Brandt
Richard van Leeuwen
Sang-Youb Kim

Abstain: 1
Joey Chou

Comment Rejected

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

| Comment by: | Peretz Feder | **Membership Status:** | Member | **Date:** 2007/02/13 |

Comment # 163   **Document under Review:** **P802-16g/D6**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Editorial   **Part of Dis** ☐   **Satisfied** ☐   **Page** 109   **Line** 12   **Fig/Table#**   **Subclause** 14.2.6.1.3

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
also be used by the RRA 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:

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

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
[BEGIN INSERT]also[END INSERT] be used [BEGIN INSERT]by the RRA[END INSERT] 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:

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

Comment by: Joey   Chou   **Membership Status:**   Member   **Date:** 2007/02/13

Comment #   164   **Document under Review:**   **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Editorial   **Part of Dis** ☐ **Satisfied** ☐   **Page** 112   **Line** 33   **Fig/Table#** 498,   **Subclause**   14.2.7

It is not clear what (MS and BS) in the figure title means.

Figure 498—Ranging Primitives (MS and BS) Figure 499—SS Basic Capability Negotiation Primitives (MS and BS)

Suggested Remedy

Change

Figure 498—Ranging Primitives (MS and BS)
Figure 499—SS Basic Capability Negotiation Primitives (MS and BS)

to

Figure 498—Ranging Primitive
Figure 499—SS Basic Capability Negotiation Primitives

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

Change

Figure 498—Ranging Primitives (MS and BS)
Figure 499—SS Basic Capability Negotiation Primitives (MS and BS)

to

Figure 498—Ranging Primitive
Figure 499—SS Basic Capability Negotiation Primitives

Reason for Group's Decision/Resolution

Group's Notes
Accepted without opposition

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

Comment by: Joey Chou   **Membership Status:** Member   **Date:** 2007/02/13

Comment # 165   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 116   **Line** 16   **Fig/Table#**   **Subclause** 14.2.7.1.1.1

Action_type is valid only when Operation_type = action according to its definition in 14.1.2.1 .

Suggested Remedy

Change Operation_type in the following subclauses to "Action"

14.2.7.1.1.1,
14.2.7.1.1.2,
14.2.7.1.2,
14.2.7.1.3.1,
14.2.7.1.3.2,
14.2.7.1.4,
14.2.7.2.1.1,
14.2.7.2.1.2
14.2.7.2.2 ,
14.2.7.2.3.1,
14.2.7.2.3.2,
14.2.7.2.4,

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

Change Operation_type in the following subclauses from 'Set' to "Action"

14.2.7.1.1.1,
14.2.7.1.1.2,
14.2.7.1.2,
14.2.7.1.3.1,
14.2.7.1.3.2,
14.2.7.1.4,
14.2.7.2.1.1,
14.2.7.2.1.2

14.2.7.2.2 ,
14.2.7.2.3.1,
14.2.7.2.3.2,
14.2.7.2.4,

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:** 2007/02/13 |

Comment # 166   **Document under Review:** **P802-16g/D6**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐ **Satisfied** ☐   **Page** 126   **Line**   **Fig/Table#** 460   **Subclause** 14.2.7.2.3.2

Enumerate Method of Allocation IP Address properly

Suggested Remedy

Static
DHCP V4
Mobile IPv4
DHCPv6
Mobile IPv6
IPv6 Stateless address auto configuration

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

In Table 459 and Table 460, change the 'Valid Range' for 'Method of Allocation IP Address' to:

Static
DHCP V4
Mobile IPv4
DHCPv6
Mobile IPv6
IPv6 Stateless address auto configuration

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

Bullets applied for better readability.

Comment by:	Joey Chou	**Membership Status:** Member		**Date:** 2007/02/13

Comment # 167 **Document under Review:** **IEEE P802.16g/D7** **Ballot ID:** **P802.16g_D7**

Comment **Type** Editorial **Part of Dis** ☐ **Satisfied** ☐ **Page** 132 **Line** 22 **Fig/Table#** **Subclause** 14.2.8.1.1

Why is "==" used? It should use "=" instead

14.2.8.1.1 M-MTM-REQ (Action Type == Power On)

Suggested Remedy

Change all occurrence of "==" to =".

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

Change all occurrence of "==" to =".

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

Comment by: Joey   Chou   **Membership Status:**   Member   **Date:** 2007/02/13

Comment # 168   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 142   **Line** 8   **Fig/Table#**   **Subclause** 14.2.9.1.1

Action_type is valid only when Operation_type = action according to its definition in 14.1.2.1 .

Suggested Remedy

Remove "Action_Type: Null," in the following subclauses

14.2.9.1.1,
14.2.9.1.2,
14.2.9.1.3,
14.2.9.2.1,
14.2.9.2.2,
14.2.9.2.3,

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

Remove "Action_Type: Null," in the following subclauses

14.2.9.1.1,
14.2.9.1.2,
14.2.9.1.3,
14.2.9.2.1,
14.2.9.2.2,
14.2.9.2.3,

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

Comment by:	Joey Chou	**Membership Status:** Member	**Date:** 2007/02/13

Comment # 169   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 150   **Line** 47   **Fig/Table#**   **Subclause** 14.2.10.2.1

Why is there an Action_type = Set, when there is an Operation_type = Set?

Suggested Remedy

Change the Action_type to "Set", and remove the Action_Type(Set), for the following sunclauses

14.2.10.2.1,
14.2.10.2.2

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

Change the Operation_type from 'Operation_Type(Action)' to "Operation_Type: Set,", and delete the Action_Type(Set), for the following subclauses

14.2.10.2.1,
14.2.10.2.2

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

Comment by:	Joey Chou	**Membership Status:**	Member	**Date:**	2007/02/13

Comment # 170   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 154   **Line** 48   **Fig/Table#**   **Subclause** 14.2.10.3.2.1

Action_type is valid only when Operation_type = action according to its definition in 14.1.2.1
Message_id is no longer valid

Suggested Remedy

Remove "Action_Type: Null," and Message_id in the following subclauses

14.2.10.3.2.1,
14.2.10.3.2.2,
14.2.10.3.3.1,
14.2.10.3.3.2,
14.2.10.3.2.1,

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

Remove "Action_Type: Null," and Message_id in the following subclauses

14.2.10.3.2.1,
14.2.10.3.2.2,
14.2.10.3.3.1,
14.2.10.3.3.2,
14.2.10.3.2.1,

Reason for Group's Decision/Resolution

Group's Notes
Accepted without opposition

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

Removed from 14.2.10.3.2.1, 14.2.10.3.2.2, 14.2.10.3.3.1, 14.2.10.3.3.2.
(The fifth entry in the remedy was a duplication.)

| **Comment by:** | | Joey   Chou | **Membership Status:** | Member | | **Date:** 2007/02/13 |

Comment # 171   **Document under Review:** **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 158   **Line** 60   **Fig/Table#**   **Subclause** 14.2.11.1.1

Action_type is valid only when Operation_type = action according to its definition in 14.1.2.1 .

Suggested Remedy

Remove "Action_Type: Null,"

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

Remove "Action_Type: Null,"

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

Comment by: Joey   Chou   **Membership Status:**   Member   **Date:** 2007/02/13

Comment # 172   **Document under Review:**   **IEEE P802.16g/D7**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☒ **Satisfied** ☐   **Page** 160   **Line** 17   **Fig/Table#**   **Subclause** 14.2.11.3.1

Action_type is valid only when Operation_type = action according to its definition in 14.1.2.1 .

Suggested Remedy

Remove "Action_Type: Null,"

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

Remove "Action_Type: Null,"

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:** 2007/02/13

Comment # 173   **Document under Review:** **P802-16g/D6**   **Ballot ID:** **P802.16g_D7**

Comment   **Type** Technical   **Part of Dis** ☐   **Satisfied** ☐   **Page** 999   **Line**   **Fig/Table#**   **Subclause** Anne F

Add a new figure showing end to end MIH exchange in a pre authenticated mode

Suggested Remedy

Adopt contribution C80216g-07_033.doc

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

Editor to add the figures in contribution C802.16g-07/033 as Figures F10 & F11 on page 167, line 64

Reason for Group's Decision/Resolution

Group's Notes

Accepted without opposition

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

Figures added as Figures F11 & F12 since F10 exists already.