

P802.16/Conformance04 to
Sponsor Ballot:
Conditional Approval

18 November 2005

Rules

Motions requesting conditional approval to forward where the prior ballot has closed shall be accompanied by:

- Date the ballot closed
- Vote tally including Approve, Disapprove and Abstain votes
- Comments that support the remaining disapprove votes and Working Group responses.
- Schedule for confirmation ballot and resolution meeting.

Date the ballot closed: **9 November 2005**

Stage		Open	Close	
Ballot	D4	25 Oct	9 Nov	2005

Vote tally including Approve, Disapprove and Abstain votes

- 178 Approve 89%
 - 22 Disapprove
 - 18 Abstain
 - 70 not voting
-
- <http://ieee802.org/16/tgc/C4/ballot18/report18.html>

Comments that support the remaining disapprove votes and Working Group responses

- attached

Schedule for confirmation ballot and resolution meeting

- Dec 9: Issue D5
- Dec 9-Jan 4: extended recirc
- Jan 9-12: comment resolution at
802.16 Session #41

802.16 WG Motions

802.16 Closing Plenary: 17 Nov 2005:

Motion: To request conditional approval from EC to move IEEE 802.16/Conformance04/D5 to Sponsor Ballot

- Proposed: Gordon Antonello
- Seconded: Herbert Ruck
- Approved 38-0-0.

Motion

To grant conditional approval, under Clause 21, to forward P802.16/Conformance04 for Sponsor Ballot

Moved: Marks

Seconded:

Approve:

Disapprove:

Abstain:

Document under Review: **P802.16/Conf04/D4**Ballot Number: **18c**

Comment Date

Comment # **001**

Comment submitted by: Baraa

Al-Dabagh

Member

2005/05/02

Comment	Type	Technical, Binding	Starting Page #	5	Starting Line #	Fig/Table#	Section	Annex A
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[Identical comment submitted by Baraa Al-Dabagh, Dov Andelman, [Prakash Iyer - A], JaeYoung Kim, [Jose Puthenkulam - A], Atul salvekar, Mathys Walma, [Hassan Yaghoobi - A], [Margaret LaBrecque - A]]

The current document suffers from serious flaws. These are discussed in the contribution.

Suggested Remedy

Adopt the remedies proposed in the contribution C80216Conf04-05_001.pdf

Proposed Resolution**Recommendation:****Recommendation by****Reason for Recommendation****Resolution of Group****Decision of Group: Accepted-Modified**

Adopt the remedies proposed in the contribution "C80216Conf04-05_001" except section 3 "Annex A: Example of PICS Document Partitioning Based on Functions".

Reason for Group's Decision/Resolution**Group's Notes****Group's Action Items****Editor's Notes****Editor's Actions****Editor's Questions and Concerns****Editor's Action Items**

Document under Review: **P802.16/Conf04/D4**Ballot Number: **18c**

Comment Date

Comment # **002**

Comment submitted by: Baraa

Al-Dabagh

Member

2005/05/02

Comment	Type	Technical, Binding	Starting Page #	5	Starting Line #	12	Fig/Table#	Section	1
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[Identical comment submitted by Baraa Al-Dabagh, Dov Andelman, [Prakash Iyer - A], JaeYoung Kim, [Jose Puthenkulam - A], Atul salvekar, Mathys Walma, [Hassan Yaghoobi - A], [Margaret LaBrecque - A]]

The current scope statement in the document violates the PAR.

Suggested Remedy

Change the the scope in section 1. to accurately reflect the PAR scope. Because referring to IEEE 802.16 in the document scope as opposed 802.16REVd (or equivalently 802.16-2004), is expanding scope by violating the PAR.

Hence change the scope to:

This standard represents the Protocol Implementation Conformance Statement (PICS) Proforma, per ISO/IEC Standard 9646-7 (1995) and ITU-T X.296, for conformance specification of base stations and subscriber stations based upon the air interface specified in IEEE 802.16-2004 for frequencies below 11 GHz.

In addition on page 7 in Annex A the following text should be changed

from: "Protocol ICS Proforma for Frequencies below 11 GHz". This will remove any ambiguity that indeed the document only applies to Fixed systems.

to "Protocol ICS Proforma for Fixed systems based on Frequencies below 11 GHz"

Proposed Resolution

Recommendation:

Recommendation by

Reason for Recommendation

Resolution of Group

Decision of Group: **Superceded**

Comment 3

Reason for Group's Decision/Resolution

Group's Notes

This comment is resolved as defined in summary comment database comment #078

Group's Action Items

Editor's Notes

Editor's Actions

Editor's Questions and Concerns

Editor's Action Items

Document under Review:	P802.16/Conf04/D4	Ballot Number:	18c	Comment Date
Comment #	003	Comment submitted by:	Samuel Kang	Member 2005/05/02
Comment	Type Technical, Binding	Starting Page #	5	Starting Line # 17
		Fig/Table#		Section 1

In the 'Scope' section on page number 5, 'air interfaces specified in IEEE 802.16' violates to the scope of PAR of P802.16/Conformance04 which describes as 'air interface specified in IEEE P802.16-REVd for frequencies below 11GHz'.

Suggested Remedy

Change 'IEEE 802.16' to 'IEEE P802.16-REVd for frequencies below 11GHz' as it is in the PAR.

Proposed Resolution Recommendation: Recommendation by

Reason for Recommendation

Resolution of Group Decision of Group: **Accepted-Modified**

Page 3 line 38

Change line 38 from:

"Wire-lessMAN-OFDM, and WirelessMAN-OFDMA air interfaces specified in IEEE 802.16."

To:

"Wire-lessMAN-OFDM, and WirelessMAN-OFDMA air interfaces specified in IEEE 802.16-2004 and subsequent Corrigenda."

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes

Editor's Actions

Editor's Questions and Concerns

Editor's Action Items

Document under Review: **P802.16/Conf04/D4**Ballot Number: **18c**

Comment Date

Comment # **005**

Comment submitted by: Tal

Kaitz

Member

2005/05/02

Comment	Type	Technical, Binding	Starting Page #	5	Starting Line #	18	Fig/Table#	Section
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[Identical comment submitted by Tal Kaitz, Ran Yaniv, Vladimir Yanover, [Yong Chang - A], [Seung Joo Maeng - A], Sungjin Lee, [Changhoi Koo - A], [YoungKyun Kim - A], Jeongheon Kim, Hyunjeong Kang, [Panyuh Joo -A], [Jaeho Jeon - A]]

The document does not contain statement that it is for fixed wireless access systems only though the content is derived from IEEE 802.16-2004 standard. Obviously for mobile systems PICS should be different

Suggested Remedy

At page 5 line 18 add

"Scope of this document is limited to Fixed Broadband Wireless Access Systems"

Proposed Resolution**Recommendation:****Recommendation by****Reason for Recommendation****Resolution of Group****Decision of Group: Rejected**

This document describes the capabilities and options within the WirelessMAN (below 11 GHz) air interface specified in IEEE Std 802.16-2004 and included here by reference: [1] IEEE Std 802.16-2004: "Local and Metropolitan Area Networks – Part 16: Air Interface for Fixed Broadband Wireless Access Systems". This reference clearly states that this is limited to Fixed Broadband Wireless Access Systems and adding another such statement is redundant.

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

This comment is resolved as defined in summary comment database comment #078

Group's Action Items**Editor's Notes****Editor's Actions****Editor's Questions and Concerns****Editor's Action Items**

Document under Review: **P802.16/Conf04/D4**

Ballot Number: **18c**

Comment Date

Comment # **006**

Comment submitted by: Wonil

Roh

Member

2005/05/02

Comment Type **Technical, Binding** Starting Page # **5** Starting Line # **18** Fig/Table# Section

The document does not contain statement that it is for fixed wireless access systems only though the content is derived from IEEE 802.16-2004 standard.

Suggested Remedy

At page 5 line 18 add

"Scope of this document is limited to Fixed Broadband Wireless Access Systems"

Proposed Resolution

Recommendation:

Recommendation by

Reason for Recommendation

Resolution of Group

Decision of Group: Superseded

Comment 5

Reason for Group's Decision/Resolution

Group's Notes

This comment is resolved as defined in summary comment database comment #078

Group's Action Items

Editor's Notes

Editor's Actions

Editor's Questions and Concerns

Editor's Action Items

Document under Review: **P802.16/Conf04/D4**Ballot Number: **18c**

Comment Date

Comment # **017**

Comment submitted by: Shlomo

Ovadia

Member

2005/05/02

Comment Type **Technical, Binding** Starting Page # **13** Starting Line # **30** Fig/Table# Section **A.7**

The current structure, organization, and technical content of draft standard for conformance to IEEE Standard 802.16 - Part 4: Protocol Implementation Conformance Statement (PICS) Proforma for Frequencies below 11 GHz is not designed properly for the target usage.

Suggested Remedy

Implement changes according to contribution C80216Conf04-05_001.pdf

Proposed Resolution**Recommendation:****Recommendation by****Reason for Recommendation****Resolution of Group****Decision of Group: Superseded****Comment 1****Reason for Group's Decision/Resolution****Group's Notes****Group's Action Items****Editor's Notes****Editor's Actions****Editor's Questions and Concerns****Editor's Action Items**

Document under Review: **P802.16/Conf04/D4**Ballot Number: **18c**

Comment Date

Comment # **049**Comment submitted by: **Shlomo****Ovadia**

Member

2005-07-08

Comment	Type Technical, Binding	Starting Page # 5	Starting Line # 12	Fig/Table#	Section Section 1
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The Scope of draft standard for Conformance to IEEE Standard 802.16 - Part 4 does not match word for word the IEEE 802.16/Conformance04

PAR except for the reference to rev.d

Suggested Remedy

Replace the draft Scope with the following paragraph:

"This standard represents the Protocol Implementation Conformance Statement (PICS) Proforma, per ISO/IEC Standard 9646-7 (1995): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements, and ITU-T X.296, for conformance specification of base stations and subscriber stations based upon the air interface specified in IEEE 802.16- 2004 for frequencies below 11 GHz."

Proposed Resolution**Recommendation:****Recommendation by****Reason for Recommendation****Resolution of Group****Decision of Group: Accepted**

"This standard represents the Protocol Implementation Conformance Statement (PICS) Proforma, per ISO/IEC Standard 9646-7 (1995): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements, and ITU-T X.296, for conformance specification of base stations and subscriber stations based upon the air interface specified in IEEE 802.16- 2004 for frequencies below 11 GHz."

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

Editor's Notes Editor's Actions k) done

Editor's Questions and Concerns

Editor's Action Items

Document under Review: **P802.16/Conf04/D4**

Ballot Number: **18c**

Comment Date

Comment # **050**

Comment submitted by: Jose

Puthenkulam

Member

2005-07-08

Comment Type **Technical, Binding** Starting Page # **5** Starting Line # **12** Fig/Table# Section **1**

The present Scope and Purpose are not the same as that is in the PAR document.
These sections are typically applied directly from the PAR.

Suggested Remedy

Take the scope and purpose from the PAR document and apply as is without any elaboration or clarification. The only change should be the reference to 802.16REVd which should be changed to 802.16-2004

Proposed Resolution Recommendation: Recommendation by

Reason for Recommendation

Resolution of Group Decision of Group: **Superceded**

superceded by 02 (049 in summary database)

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes Editor's Actions l) none needed

Editor's Questions and Concerns

Editor's Action Items

Document under Review: **P802.16/Conf04/D4**

Ballot Number: **18c**

Comment Date

Comment # **051**

Comment submitted by: Randall

Schwartz*

Member

2005-07-08

Comment Type **Technical, Binding** Starting Page # **5** Starting Line # **12** Fig/Table# Section **1**

[*Identical comment submitted by [Roger Eline - A], Yung Hahn, [Chris Knudsen - A], Randall Schwartz]

The present Scope clause goes beyond the PAR for this project

Suggested Remedy

Copy the scope from the PAR document and apply exactly without any elaboration or clarification.

Proposed Resolution

Recommendation:

Recommendation by

Reason for Recommendation

Resolution of Group

Decision of Group: Superseded

superseded by 02 (049 in summary database)

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes

Editor's Actions |) none needed

Editor's Questions and Concerns

Editor's Action Items

Document under Review: **P802.16/Conf04/D4**Ballot Number: **18c**

Comment Date

Comment # **052**

Comment submitted by: Panyuh

Joo*

Member

2005-07-08

Comment	Type	Technical, Binding	Starting Page #	5	Starting Line #	20	Fig/Table#	Section
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[*Identical comment submitted by Jaehwan Chang, [Yong Chang - A], [Jaehee Cho - A], Jaeweon Cho, InSeok Hwang, Jiho Jang, [Jaeho Jeon - A], [Panyuh Joo - A], Hyunjeong Kang, jeongheon Kim, Sungjin Lee, Geunhwi Lim, [Hyoung Kyu Lim - A], [Seung Joo Maeng - A], Wonil Roh, [Yeongmoon Son - A], Ran Yaniv, Vladimir Yanover]

I am not satisfied with resolution of comment #005 in IEEE 802.16-05/024r3.
The document does not state explicitly that it is for fixed systems only

Suggested Remedy

At page 5 line 20 add

"Scope of this document is limited to Fixed Broadband Wireless Access Systems"

Proposed Resolution**Recommendation:****Recommendation by****Reason for Recommendation****Resolution of Group****Decision of Group: Accepted-Modified**

At page 5 line 20 add:

"Scope of this document is limited to Fixed Broadband Wireless Access Systems
as specified in IEEE 802.16-2004 "

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

This comment is resolved as defined in summary comment database comment #078

Group's Action Items**Editor's Notes****Editor's Actions** k) done**Editor's Questions and Concerns****Editor's Action Items**

Document under Review: **P802.16/Conf04/D4**Ballot Number: **18c**

Comment Date

Comment # **053**

Comment submitted by: Shlomo

Ovadia

Member

2005-07-08

Comment	Type Technical, Binding	Starting Page # 5	Starting Line # 24	Fig/Table#	Section Section 2
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The Purpose of draft standard for Conformance to IEEE Standard 802.16 -Part 4 does not match word for word the IEEE 802.16/Conformance04 PAR except for the reference d.

Suggested Remedy

Replace the draft Purpose with the following paragraph:

"This document describes the capabilities and options within the air interface specified for frequencies below 11 GHz in IEEE 802.16-2004. It is to be completed by the supplier of a product claiming to implement the protocol. It indicates which capabilities and options have been implemented. It allows a user of the product to evaluate its conformance and to determine whether the product meets the user's requirements."

Proposed Resolution	Recommendation:	Recommendation by
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Reason for Recommendation

Resolution of Group	Decision of Group: Accepted
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Replace the entire text of draft Purpose with the following paragraph:

"This document describes the capabilities and options within the air interface specified for frequencies below 11 GHz in IEEE 802.16-2004. It is to be completed by the supplier of a product claiming to implement the protocol. It indicates which capabilities and options have been implemented. It allows a user of the product to evaluate its conformance and to determine whether the product meets the user's requirements."

Reason for Group's Decision/Resolution**Group's Notes****Group's Action Items****Editor's Notes**

Editor's Actions	k) done
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Editor's Questions and Concerns

2005/11/18

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Editor's Action Items

Document under Review: **P802.16/Conf04/D4**Ballot Number: **18c**

Comment Date

Comment # **054**

Comment submitted by: Shlomo

Ovadia

Member

2005-07-08

Comment Type **Technical, Binding**Starting Page # **13**Starting Line # **30**

Fig/Table#

Section **A.7**

Related content to division of PICS based on approved contribution C802.16Conf04-05_001 is not implemented.

Suggested Remedy

Divide PICS for WirelessMAN-OFDMA based on contribution C802.16Conf04-05_002

Proposed Resolution**Recommendation:****Recommendation by****Reason for Recommendation****Resolution of Group****Decision of Group: Accepted-Modified**

Divide PICS for WirelessMAN-OFDMA based on section 2.3 (PHY) and 2.4 (PHY/MAC) of contribution C802.16Conf04-05_002r1. Does not include the recommendation in 2.5 that remains informational.

Reason for Group's Decision/Resolution**Group's Notes****Group's Action Items****Editor's Notes****Editor's Actions** k) done

In order to implement the comment on introducing a section on PHY and PHY/MAC. I made the following changes so that the main section A7 is not modified. The section A7 has numerous references to on its own content, and any change will bring about a massive renumbering.

Changed the title of sections A5, A6 and A7 to reflect the partitioning

A.5 Protocol ICS for Physical Layer Partitioning of WirelessMAN OFDMA

A.6 Protocol ICS for MAC/PHY Layer Partitioning of WirelessMAN OFDMA

A.7 Protocol ICS for MAC Layer of WirelessMAN OFDMA

Moved the two sections (previously A.5 and A.6) to the end where they become sections A.8 and A.9. These sections are empty so moving them does not change the flow of the document.

A.8 Protocol ICS for WirelessMAN SCa

A.9 Protocol ICS for WirelessMAN OFDM

Editor's Questions and Concerns

Editor's Action Items

Document under Review: **P802.16/Conf04/D4**Ballot Number: **18c**

Comment Date

2005-07-08

Comment # **055**

Comment submitted by: Shlomo

Ovadia

Member

Comment Type **Technical, Binding** Starting Page # **13** Starting Line # **35**Fig/Table# Section **A.7 Protocol ICS for**

The current draft standard of IEEE 802.16/Conformance04 PICS statement format is misaligned with with ISO/IEC 9646-7 (1995) guidelines, and our accepted contribution C802.16Conf04-05_001.pdf, which was not implemented in the IEEE 802.16/Conformance04/D2 draft.

It is the IEEE 802.16C chair responsibility to send a liaison to ISO to obtain a copy of ISO/IEC 9646-7 (1995) document for IEEE use.

Suggested Remedy

PICS Tables A.1 to A.184 should be modified with the Status and Predicate columns according to our accepted contribution C802.16Conf04-05_001.pdf.

Proposed Resolution**Recommendation:****Recommendation by****Reason for Recommendation****Resolution of Group****Decision of Group: Accepted-Modified**

Motion to obtain ISO/IEC 9646-7 (1995) for chairs and editors use, by any means appropriate

Add a Predicate column to each of the PICS Tables A.1 to A.184. It is expected that the task group members will provide information for filling in the Predicate column and changing the Status column according to the ISO/IEC 9646-7 (1995).

Reason for Group's Decision/Resolution**Group's Notes****Group's Action Items****Editor's Notes****Editor's Actions** k) done

There are too many columns in some tables, which makes it hard to fit them onto the page and even harder to enter text in each column

Editor's Questions and Concerns

Editor's Action Items

Document under Review: **P802.16/Conf04/D4** Ballot Number: **18c** Comment Date
 Comment # **057** Comment submitted by: Pieter-Paul Giesberts Member 2005-07-08
 Comment Type **Technical, Binding** Starting Page # **20** Starting Line # **12** Fig/Table# **A.19** Section **A.7.2.3.2**

[*Identical comment submitted by [Pieter-Paul Giesberts - A], Yufei Blankenship, [Amitabha Ghosh - A]]

DBPC mechanism is not applicable for OFDMA (see corrigendum).

Suggested Remedy

Remove row containing Item 2 from Table A.19
 and
 Remove row containing Item 1 from Table A.40

Proposed Resolution

Recommendation:

Recommendation by

Reason for Recommendation

Resolution of Group

Decision of Group: **Rejected**

Reject first part Remove row containing Item 2 from Table A.19

Reject second part of comment

Reason for Group's Decision/Resolution

Consulted with experts who said DBPC is still valid and needed for burst profile changes and needs to be tested

Group's Notes

Group's Action Items

Editor's Notes

Editor's Actions l) none needed

Editor's Questions and Concerns

Editor's Action Items

Document under Review: **P802.16/Conf04/D4**Ballot Number: **18c**

Comment Date

Comment # **065**Comment submitted by: **Shlomo****Ovadia**

Member

2005-07-08

Comment Type **Technical, Binding** Starting Page # **59** Starting Line # **5**Fig/Table# Section **A.7.5.2.1.3**

The UCD-TLV table is missing. This table is part of 802.16-2004 specifications.

Suggested Remedy

Add UCD TLV table to Section A.7.5.2.1.3.

Proposed Resolution**Recommendation:****Recommendation by****Reason for Recommendation****Resolution of Group****Decision of Group: Accepted**

Following **A.100** insert UCD TLV table to Section A.7.5.2.1.3 from D1

Reason for Group's Decision/Resolution**Group's Notes****Group's Action Items****Editor's Notes****Editor's Actions** k) done**Editor's Questions and Concerns****Editor's Action Items**

Document under Review: **P802.16/Conf04/D4**Ballot Number: **18c**

Comment Date

Comment # **066**

Comment submitted by: Pieter-Paul

Giesberts*

Member

2005-07-08

Comment	Type	Technical, Binding	Starting Page #	999	Starting Line #	Fig/Table#	Section
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[*Identical comment submitted by [Pieter-Paul Giesberts - A], Yufei Blankenship, [Amitabha Ghosh - A]]

Secondary management connection is optional in 802.16 (see e.g. 6.3.9 in 802.16-2004), so it should be optional in the conformance document as well.

Suggested Remedy

Add a row to Table A.18 and fill its columns as follows:

Item: "12",
 Name: "Managed mode",
 Reference: "[1] 6.3.9",
 Status "o"

Change the status of Item 8 of Table A.19 to a conditional "cxx-01" and add the following description below the Table:

"cxx-01 IF A.18/12 - if SS supports Managed mode
 THEN m
 ELSE n/a"

Change the status of Item 4 of Table A.20 to a conditional "cxx-01" and add the following description below the Table:

"cxx-01 IF A.18/12 - if SS supports Managed mode
 THEN m
 ELSE n/a"

Change the status of Items 7, 8 and 9 of Table A.31 to a conditional "cxx-01" and add the following description below the Table:

"cxx-01 IF A.18/12 - if SS supports Managed mode
 THEN m
 ELSE n/a"

Change the status of Items 4 of Table A.36 to a conditional "cxx-01" and add the following description below the Table:

"cxx-01 IF A.18/12 - if SS supports Managed mode
 THEN m
 ELSE n/a"

Add the following text at the beginning of Section A.7.2.3.2.8.7:

"Prerequisite: A.18/12: SS supports Managed mode"

Add the following text at the beginning of Section A.7.2.3.2.8.8:

"Prerequisite: A.18/12: SS supports Managed mode"

Add the following text at the beginning of Section A.7.2.3.2.8.9:

"Prerequisite: A.18/12: SS supports Managed mode"

Proposed Resolution

Recommendation:

Recommendation by

Reason for Recommendation

Resolution of Group

Decision of Group: Accepted-Clarified

Add a row to Table A.18 and fill its columns as follows:

Item: "12",

Name: "Managed mode",

Reference: "[1] 6.3.9",

Status "o"

Change the status of Item 8 of Table A.19 to a conditional "cxx-01" and add the following description below the Table:

"cxx-01 IF A.18/12 - if SS supports Managed mode
 THEN m
 ELSE n/a"

Change the status of Item 4 of Table A.20 to a conditional "cxx-01" and add the following description below the Table:

"cxx-01 IF A.18/12 - if SS supports Managed mode
 THEN m
 ELSE n/a"

Change the status of Items 7, 8 and 9 of Table A.31 to a conditional "cxx-01" and add the following description below the Table:

"cxx-01 IF A.18/12 - if SS supports Managed mode
 THEN m
 ELSE n/a"

Change the status of Items 4 of Table A.36 to a conditional "cxx-01" and add the following description below the Table:

"cxx-01 IF A.18/12 - if SS supports Managed mode
 THEN m
 ELSE n/a"

Add the following text at the beginning of Section A.7.2.3.2.8.7:

"Prerequisite: A.18/12: SS supports Managed mode"

Add the following text at the beginning of Section A.7.2.3.2.8.8:

"Prerequisite: A.18/12: SS supports Managed mode"

Add the following text at the beginning of Section A.7.2.3.2.8.9:

"Prerequisite: A.18/12: SS supports Managed mode"

Reason for Group's Decision/Resolution

Group's Notes

2005/11/18

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Group's Action Items

Editor's Notes **Editor's Actions** [k\) done](#)

[Change the numbering of cxx-01 as needed](#)

Editor's Questions and Concerns

Editor's Action Items

Document under Review: **P802.16/Conf04/D4**Ballot Number: **18c**

Comment Date

Comment # **077**

Comment submitted by: Siavash

Alamouti

Member

Comment	Type	Technical, Binding	Starting Page #	Starting Line #	Fig/Table#	Section
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[Identical comment submitted by Siavash Alamouti, Baraa Aldabagh, Dov Andelman, Yung Hahn, Atul Salvekar, [\[Jose Puthenkulam - A\]](#)]

This project duplicates a lot of work with the WiMAX Forum PICS development and also it is not aligned with real market requirements. Hence it is questionable whether there is significant value in this project.

Also the document is substantially incomplete. The SCa PHY PICS are missing. Also all the WirelessHUMAN PICS are missing.

Also while the 802.16-2004 standard is the basis of this PICS, this document does not highlight the fact that the PICS is for fixed systems.

Suggested Remedy

Complete the incomplete sections identified and also call out the fact this is for Fixed Systems only.

Proposed Resolution**Recommendation:****Recommendation by****Reason for Recommendation****Resolution of Group****Decision of Group: Accepted-Modified**

The Task Group is open to contributions for SCa and WirelessHUMAN OFDMA PICS. However, the document does include sections on OFDM and OFDMA and therefore the document has value in spite of the missing material.

The item regarding that PICS is for fixed Systems is addressed in comment 2 ([078 in the summary database](#))

Reason for Group's Decision/Resolution**Group's Notes****Group's Action Items****Editor's Notes****Editor's Actions****Editor's Questions and Concerns****Editor's Action Items**

Document under Review: **P802.16/Conf04/D4**Ballot Number: **18c**

Comment Date

Comment # **078**

Comment submitted by: Wonil

Roh

Member

Comment	Type Technical, Binding	Starting Page # 5	Starting Line # 17	Fig/Table#	Section 1
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[Identical comment submitted by Wonil Roh, Hyunjeong Kang, and Jaeweon Cho]

Some clarification is needed to ensure that this document applies only to the fixed broadband application.

Suggested Remedy

Add the following sentence at the end of Scope section:

Scope of this document is limited to Fixed Broadband Wireless Access Systems.

Proposed Resolution**Recommendation:****Recommendation by****Reason for Recommendation****Resolution of Group****Decision of Group: Accepted-Modified**

In the Scope statement replace "IEEE 802.16-2004 for frequencies below 11 GHz." with "IEEE 802.16-2004 (Air Interface for Fixed Broadband Wireless Access Systems) for frequencies below 11 GHz."

Reason for Group's Decision/Resolution**Group's Notes****Group's Action Items****Editor's Notes****Editor's Actions****Editor's Questions and Concerns****Editor's Action Items**