

Responses to Comments regarding Four Draft PARs from 802.16 Working Group

The IEEE 802.16 Working Group has drafted four PARs and submitted them to the IEEE 802 EC and to NesCom in preparation for the NesCom meeting of 6 December 2011. The PARs are:

- Proposed Modification to P802.16n PAR (IEEE 802.16-11/0030r1)
 - Continues project to amend IEEE Std 802.16
- Proposed P802.16.1a PAR (IEEE 802.16-11/0031)
 - Starts project to amend IEEE Std 802.16.1, based on existing P802.16n.
- Proposed Modification to P802.16p PAR (IEEE 802.16-11/0032r1)
 - Continues project to amend IEEE Std 802.16.
- Proposed P802.16.1b PAR (IEEE 802.16-11/0033)
 - Starts project to amend IEEE Std 802.16.1, based on existing P802.16p.

Comments have been received from within the IEEE 802 community and from a NesCom member. This document includes the comments received and the responses of the Working Group.

(A) Pat Thaler wrote:

If I recall correctly, those were for work that needed to amend both 802.16.1 and 802.16 so one standards effort needed two amendment PARs. However, I think they should have a small difference in scope that indicates what part of the work is being done in that amendment. E.g. when we needed an amendment to 802.1Q and 802.3 to do PFC, the scope for the 802.3 amendment specified that it was to add the MAC control frame for PFC.

802.16 WG Response:

We agree of the value of drawing a distinction between the scope statements of the split PARs, even when the PARs can also be distinguished on the basis of the fact that they would amend different standards. Upon close examination, we believe that the scopes are in fact distinct in the appropriate way. In particular:

- The 802.16n PAR scope refers to extensions to the [OFDMA PHY](#), whereas the 802.16.1a PAR scope refers to extensions to the [WirelessMAN-Advanced PHY](#).
- The 802.16p PAR scope refers to extensions to the [OFDMA PHY](#), whereas the 802.16.1b PAR scope refers to extensions to the [WirelessMAN-Advanced PHY](#)

(B) Steve Shellhammer of 802.19 wrote:

The IEEE 802.19 WG reviewed the 802.16n PAR and would like to provide the following comment, 802.16n

Title

The Title "Standard for Local and metropolitan area networks Part 16: Air Interface for Broadband Wireless Access Systems Standard for Air Interface for Broadband Wireless Access Systems

Standard for Air Interface for Broadband Wireless Access Systems Amendment: Higher Reliability Networks" seems redundant and difficult to understand in that several phrases are repeated.

802.16 WG Response:

We agree with the concern. The title that the system rendered was not the version that was originally entered. We will add the following note to Section 8.1 ("Additional Explanatory Notes"):

2.1 Changes in title: Title is being changed in accordance with the title of the base standard being amended. The title should read as follows: Standard for Air Interface for Broadband Wireless Access Systems - Amendment: Higher Reliability Networks

Note that the myProject system may render an altered version of the correct title.

(C) Jon Rosdahl of 802.11 wrote:

(1) Comments on 802.16n

2.1 Title seems redundantly stated.

–Repeated text 3 times. Delete the repetitive text.

–Understand that this is not controllable –

•Send note to NesCom Admin to fix it.

802.16 WG Response:

We agree. See response to prior comment. We will notify NesCom Administrator as well.

(2) Comments on 802.16.1a

5.5 - Missing the ".1" on 802.16 in 2 places. Missing "IEEE" in front of 802.16 in one place.

802.16 WG Response:

We agree. To resolve the comment, we will replace "802.16" with "802.16.1" in two places in Section 5.5, and insert "IEEE" at the start of the sentence beginning "802.16.1 technology is uniquely suitable for these purposes, ...", in the same section

(3) Comments on 802.16.1b

5.5 missing ".1" after 802.16 in one place

802.16 WG Response:

We agree. To resolve the comment, we will replace "802.16" with "802.16.1" in Section 5.5.

(D) Ted Olsen of NesCom wrote:

Disapprove. This is supposed to amend P802.16.1 which has not even gone to ballot yet. Put the information contemplated for this amendment into the base document.

802.16 WG Response:

We appreciate the comment and concern. We would like to explain our decision to propose to separate the amendment work into separate projects. This was based on two primary considerations:

- (1) The time track of the amendment work is behind that of the development of 802.16.1. If we wait for the completion of the amendment work, then the development of 802.16.1 will be significantly delayed. In addition, completion of IEEE Std 802.16 would be delayed as well, because approval of that revision and the 802.16.1 standard are co-contingent.
- (2) The 802.16.1 project is specifically chartered to create a standalone standard based on the WirelessMAN-Advanced air interface specification from IEEE Std 802.16m-2011 as illustrated by the PAR statement in Section 5.5 that “This project will extract the WirelessMAN-Advanced air interface specification from IEEE Std 802.16 (following its introduction to the standard by the amendment 802.16m-2011), moving it to the new standalone standard IEEE Std 802.16.1” Adding new material to the standard would be inappropriate under the approved 802.16.1 PAR.