



Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >
Title	IEEE 802.16 Session #17 Minutes
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Source(s)	Anader Benyamin-Seeyar mailto: abenyami@harris.com Dean S.K. Chang mailto:dchang@apertonet.com
Re:	IEEE 802.16 Session #17 Minutes (Levi, Finland January 21-24, 2002)
Abstract	
Purpose	To record meeting minutes.
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IEEE 802.16 Session #17 Minutes Levi, Finland 21-24 January 2002

Call to Order (Opening Plenary)

The meeting was called to order at 1:05pm, with Anader Benyamin-Seeyar standing in as Acting Secretary while Secretary Dean Chang was stranded in an airplane with a frozen door.

Agenda

The opening plenary agenda (<http://iee802.org/16/meetings/mtg17/opening.html>) was adopted unanimously by voice vote.

All important decisions made in this session are subject to reaffirmation at the next plenary session due to lack of a quorum.

Chair's Report

The Chair's Report [IEEE 802.16-02/04] included legal announcements.

The approval of IEEE Std 802.16 was discussed, including its availability for sale in draft form.

The status and progress of Task Group a (TGa) draft was reported. The TGa PAR change (merging licensed and license-exempt) was approved by IEEE SEC in November and is awaiting IEEE-SA Standards Board approval.

The TGa ballot results (Letter Ballot #4) and procedures were reviewed. The ballot is just short of approval. It will be considered passed if two Disapprove voters change to Approve on the basis of comment resolution.

Task Group 2 Report

Chair Phil Whitehead discussed progress under the P802.16.2a coexistence project.

This week, the group will continue its previous tasks on revising the simulation results for PP-PMP scenarios and on 2-11 GHz. All simulation activities are expected to be completed by March 2002 as scheduled.

Some concerns were expressed to the TGa group regarding link budget calculation results.

Liaison Reports

The group reviewed a letter received from ETSI BRAN [IEEE 802.16-01/24] following BRAN Session#26 of December 2001. The letter reported that ETSI BRAN HIPERMAN decided to use the IEEE 802.16 MAC as a baseline. On the PHY side, a number of proposals were reviewed. Full consensus was not achieved, but HIPERMAN made a decision to choose the OFDM PHY from IEEE P802.16a as its PHY baseline.

The WG Chair will initiate work on a response to the ETSI BRAN letter.

A letter from BWIF [IEEE L802.16-02/01] was reviewed. It suggested the submission of materials to IEEE 802.16, but none has been received.

A letter from ETSI TM4 [IEEE L802.16-02/02] was reviewed.

The meeting was adjourned at 2:55 PM.

Action Items for future Meetings

The group will review a response to the ETSI BRAN letter during the closing plenary.

Call to Order (Closing Plenary)

The meeting was called to order at 3:15pm on January 24, 2002. 49 people were in attendance. The outside temperature was -27°C.

Agenda

The agenda was reviewed and the following was added:

- Discussion about letter from BWIF
- ETSI TM4 Liaison letter

The agenda was then approved with no objections (<http://ieee802.org/16/meetings/mtg17/closing.html>).

Reports

Motion 1 Carl Eklund, To Approve Minutes of Session #16 (IEEE 802.16-01/61r2), 2nd by Ken Pierce.

Motion 1 carries by unanimous voice vote.

TG2

The TG2 report is attached as Appendix A.

The group made progress in 3.5 GHz and 10.5 GHz frequency bands.

ETSI TM4 letter was proposed and approved, subject to editorial revision, with no objections.

TG2 welcomes any help on simulation results and especially needs support for the 2.5 GHz frequency bands.

TGa

766 comments, plus 3 late ones, were all reviewed. See TGa report [Appendix B] for details.

Letter Ballot #4 was declared to have passed, as one Disapprove voter changed to Approve, as did several who had previously not voted,

PHY modes were reduced to 3 mandatory and 1 optional.

An AAS (Advanced Antenna Systems) Ad Hoc was formed, to be chaired by Randall Schwartz or Phil Kelly and tasked to provide (1) an analysis of “integrated AAS” vs. “non-integrated AAS” (2) text for inclusion in the draft document at Session #18.

An Ad Hoc for Alamouti preambles was formed and will be chaired by Amir Sarajedini. It was tasked to pick a specific preamble option and to provide draft text for the document at Session #18.

Motion 2 To issue IEEE P802.16a/D2, based on the comment resolutions in IEEE 802.16-02/01r5, and to carry out a subsequent recirculation of Working Group Letter Ballot #4 in accordance with the P802.16a Development Schedule (IEEE 802.16a-02/01).

Motion 2 Carries 30-0.

Future Sessions

A proposal was made to hold the May session in Calgary, Canada at the Sheraton Suites. The registration fee will be determined after the contract is negotiated. With no objections, the group looks forward to a May meeting in Calgary.

ETSI BRAN Liaison Letter

A draft ETSI BRAN Liaison letter was reviewed. One comment was to add a statement regarding IPR.

The draft letter [IEEE L802.16-02/03] was approved, subject to editorial revision, with no objection.

802 Regulatory

Vic Hayes, at concurrent 802.11/802.15 meeting in Dallas, has requested 802.16 input regarding letter to ETSI on DFS. Without objection, Chair was authorized to communicate to Vic that Mika Kasslin, 802.16's liaison to 802.11, is authorized to represent 802.16 on this issue and ensure that the result reflects the current P802.16a draft.

Session #17 Report

A draft version of the Session #17 report was reviewed (<http://iee802.org/16/meetings/mtg17/report.html>) and approved. The report should note that TGa reviewed 769 comments.

New Business

A member requested that the TGa editor issue a document showing changes made to the previous draft. Objections were raised based on the existence of a database of change records, the extra work involved, and the fact that, for this draft, nearly all of the document would be marked as new.

Motion 3 Shawn Taylor to adjourn the meeting, 2nd Remi Chayer

Motion 3 Carries by unanimous voice vote.

The meeting was adjourned at 4:45pm.

Appendix 1:

TG2 Session#17 closing report

- First set of simulation results for 3.5 GHz and 10.5 GHz systems were agreed. Provisional conclusions have been added to the working document.
- Conference call used to involve absent members.
- Propagation information for non LOS paths has been presented to TGa
- Timeline still achievable but 2.5 GHz studies are now critical. The PP-PMP task is well ahead of the sub - 11 GHz task.
- A new version of the working document will shortly be available
- Draft minutes are available
- Draft liaison to TM4 available –propose to defer TGa response until next meeting

Appendix 2:

TGa Closing Report

- 766 comments + 3 late comments
 - Accepted 383
 - Accepted Modified 34
 - Accepted Clarified 1
 - Accepted Duplicate 42
 - Rejected 74
 - Rejected Duplicate 1
 - Superceded 221
 - Deferred 5
 - Withdrawn 8

TGa Closing Report

- Significantly reduced PHY modes to four:
—3 mandatory and 1 optional
- Created AAS Ad Hoc tasked to provide an analysis of Mode C vs. bolt-on AAS and provide proposed text for insertion into document —to be presented at next session
- Created an Ad Hoc to investigate Alamouti preambles and report at the next session