Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**IEEE 802.16 TG3 Session #13 Minutes**
Date Submitted	**2001-05-18**
Source	Dean Chang, 802.16.3 Secretary Voice: 408 719-9977 Aperto Networks, Inc. Fax: 408 719-9970 1637 S. Main Street mailto:dchang@apertonet.com Milpitas CA 95035
Re:	IEEE 802.16 TG3 Session #13 (Orlando, Florida, US, Mar 14-18, 2001)
Abstract	
Purpose	To record the meeting events
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Minutes of P802.16a Session #13
A Task Group of IEEE 802.16
Orlando, Florida, US
14-18 May, 2001

Call to order Joint P802.16a and P802.16b Session

Brian Kiernan called the meeting to order at 11:15am on Monday May 14, 2001.

Agenda for the week P802.16a

The agenda for the week was reviewed by Brian Kiernan.
Motion 1 To accept the agenda as stated by Rick Baugh, 2nd by Sanjay Moghe.
Motion 1 carries by unanimous voice vote.

Joint P802.16a and P802.16b PHY Session

The group reviewed the following contribution that is a proposal to merge.

Contribution 802.16.4c-01/31 {also for TG3} Proposal for Integrating TG3 and TG4
(Anader Benyamin-Seeyar, et al., 01/05/08)

After the discussion, it was decided that this is an issue for Task Group 4. Durga Satapathy will cover this as an agenda item in their meeting.

Joint P802.16a and P802.16b MAC Session

A number of joint MAC proposals were covered as well.

Contribution 802.16.3c-01/57 {also for TG3}
OFDMA\OFDM Considerations in TG3 and TG4 (Itzik Kitroser, Yossi Segal, Zion Hadad, Vladimir Yanover, 01/04/30)

Contribution 802.16.3c-01/54 {also for TG3}
OFDM based Ranging Enhancement for the TG3 and TG4 (Itzik Kitroser, Yossi Segal, Zion Hadad, 01/04/25)

Contribution 802.16.3c-01/55 {also for TG3}
Bandwidth Request Using CDMA Codes in OFDMA(OFDM) Base PHY (Itzik Kitroser, Yossi Segal, Zion Hadad, 01/04/25)

P802.16a Session

The minutes from session 12 were approved with no objections.

HiperMAN

Marianne Goldhammer summary of the last HiperMAN meeting. At the last meeting, the BWIF presented to the ETSI HiperMAN group and is attempting to develop a liaison relationship. Marianne recommends development of a liason letter between P802.16a.

Channel Model

Channel Model group will meet at 3:00pm on Tuesday May 15, 2001

The following contribution was presented to the group.

Contribution 802.16.3c-01/53 Simulating the SUI Channel Models (Daniel S. Baum, 01/04/11)

OFDM Contribution and Comment Resolution
Contribution 802.16.3c-01/59 was the original contribution. A number of comments were already resolved last week and placed in contribution 802.16.3c-01/59r1. Eleven comments were received after completion of 59r1.
Motion 2 Nico Van Waes to accept the contribution 802.16.3c-01/59r1 as the baseline for the OFDM PHY contribution 2nd by Zion Hadad.
Motion 2 48-0.

Motion 3 Shawn Taylor To modify the agenda to have parallel sessions of the OFDM and the SC adhoc groups to resolve the comments on the documents and report back to the task group Wed morning, 2nd by Bob Ward.
Motion 3 carries 20-5.

The meeting was adjourned at 4:50pm.

Call to Order

Brian Kiernan called the meeting to order at 9:05am

PHY Contributions

The OFDM and SC groups reviewed and resolved all comments to the PHY documents. In addition, the group developed a list of items to discuss with the MAC group detailed in document numbered 802.16.3-01/16.

OFDM and SC PHY Commonality

The group then reviewed various aspects of the two PHY documents to create a common table of contents for both PHYs.

The meeting was adjourned at 11:50am.

Call to Order

Brian Kiernan called the meeting to order at 2:00pm

The following contribution was presented to the group:

Contribution 802.16.3c-01/67 IEEE 802.16a Turbo Product Code performance under Multipath (Sean Sonander 5/11/01)

For the rest of the afternoon, there was a joint meeting between Task Group 3 and Task Group 4 to discuss a number of issues such as developing a consistent table of contents for all of the PHY proposals. In addition the group reviewed the current MAC proposal to insure that it will work well with the various PHYs.

The meeting was adjourned at 4:40pm.

Call to Order

Brian Kiernan called the meeting to order at 9:05am on Thursday May 17th.

Coexistance

Phil Whitehead presented the results of a study group on coexistance.

PHY Commonality

Anader Benyamin-Seeyar presented a document designed to develop a structure for all of the various PHYs in 802.16a and 802.16b. With a similar structure, this makes it easier to identify commonalities and differences between the various approaches.

Call to order

Brian Kiernan called the meeting to order at 1:00pm.

Channel Model

There was a discussion in the meeting as to whether or not the channel model was accepted as a baseline document within the task group. After further review, Brian Kiernan decided that the document 802.16.3c-01/29r1 is the baseline for the channel model.   The adhoc group made some updates to the document. It will be issued next week as 802.16.3c-01/29r2.

Motion 4 Walt Roehr - To approve the change to 6 taps from 3 taps in the channel model 802.16.3c-01/29r1 2nd Rick Baugh

Call the question Anader, 2nd Zion Hadad.

Question is called 33-1.

Motion 4 fails 23-14. The baseline remains 3 taps.

Motion 5 Marianne Goldhammer To provide 6 taps as an option to the channel model contribution. 2nd David Trinkwon.

Chairman directed that this motion is unnecessary because the adhoc could include this in the document at its own volition.

PHY

The following motions were made on the PHY.

Motion 6 - Michael Stewart - For the adoption of 802.16.3c-01/59r2 as the baseline for the OFDM portion of the 802.16a interface standard, 2nd Zion Hadad.

Motion 6 carries 21-0-9

Motion 7 - Anader Benyamin-Seeyar - For the adoption of 802.16.3c-01/58r2 as the baseline for the Single Carrier portion of the 802.16a interface standard, 2nd Paul Struhsaker.

Motion 7 carries 29-0

MAC

The MAC group discussed their progress for the week.   The following motion was made regarding the MAC.

Motion 8 - Walt Roehr For the adoption of 802.16.3c-01/61r1 as the baseline for the MAC portion of the 802.16a interface standard.

Motion 8 Fails due to no 2nd.

Call for Comments on PHY

Motion 9 Walt Roehr to adoption a call for improvements to the physical layer specification for session 13 (to be included in document 802.16-01/18), 2nd Anader Benyamin-Seeyar.

Motion 9 passes by unanimous voice vote.

PHY Table of Contents Structure

Motion 10 Anader Benyamin-Seeyar - For the adoption of 802.16.3 TOC as a basic structure for the table of contents for the 802.16a interface standard (Issued as 802.16-01/17), 2nd Remi Chayer.

Friendly amendment by Randall Schwartz to remove the picture, accepted.
Call the question Malik Audeh, 2nd Remi Chayer.
Call the question carries by unanimous decision.
Motion 10 carries by unanimous voice vote.

The Orlando Agreement

Brian Kiernan and Durga Satapathy developed the Orlando Agreement to establish a working process between 802.16a and 802.16b.

Motion 11 Walt Roehr - To accept the Orlando Agreement as stated, 2nd Paul Struhsaker.
Motion 11
Motion to Amend Vladimir Yanover to table this motion 2nd David Trinkwon
Call to question
Motion to Amend fails 4-10 – motion is not tabled.
Call the question Paul Struhsaker, 2nd Remi Chayer.
Call the question passes by unanimous voice vote.
Motion 11 carries 15-4.

There an editing meeting scheduled June 7-8. Possible locations include Pullman, WA, Montreal Quebec, King of Prussia, PA or Mountain View CA. Ideally this includes no more than 10 people.

The meeting was adjourned at 4:00pm.