

802.16h License-Exempt Task Group Meeting Minutes

IEEE 802.16 Session #43 – Tel Aviv, Israel.

Chair: Mariana Goldhamer, Alvarion
Vice Chair: Barry Lewis, Redline Communications
Editor: Xuyong Wu, Huawei
Secretary (Acting): Paul Piggin, NextWave Broadband

Tuesday 9 May 2006

First session: The meeting opened at 9:15am.
Dan Intercontinental, 12 Kaufman St.
Tel Aviv, Israel.

1. Opening of the LE TG Sessions

Planned sessions:

Tuesday 9 May: 9am-12noon, 1pm-6pm.
Wednesday 10 May: 9am-12noon, 1pm-6pm.
Thursday 11 May: 9am-12noon, 1pm-6pm.

2. Revision and approval of the License-Exempt Task Group agenda

The agenda was discussed and finalized accordingly:

Agenda for the week. Discussion.

- Opening of the License-Exempt Task Group sessions.
- Revision and approval of the License-Exempt Task Group agenda for the week.
- Approval of the minutes for Session #42 – document IEEE 802.16h-06/009.
- Working Group Review: comment/reply comment resolution.
 - Including contributions related to the comments (C802.16h-06/028...043).
- Remaining contributions.
 - Discussion of three late contributions (C802.16h-06/041, 042, 043).
 - Motion to accept the late contributions.
- Discussion of the following motion: *Adopt the document IEEE 802.16h-06/010, modified as reflected by the 802.16h Session#43 minutes, as the first 802.16h draft and submit it for Working Group Letter Ballot.*
- AOB.
- Close of the meeting.

The agenda was approved by unanimous voice vote.

3. Approval of the Minutes for Session #42 – IEEE 802.16h-06/009

The meeting reviewed the draft minutes from session #42 – IEEE 802.16h-06/009.

Motion: Accept minutes of the session #42.

Proposer: Barry Lewis

Second: Ed Agis

The minutes for the last meeting at session #42 in Denver, were approved with no objection.

4. Working Group Review: comment/reply comment resolution

Mariana Goldhamer (Chair) proposed accepting the three late contributions (C802.16h-06/041, 042, 043).

There was no objection to accepting the late contribution.

The meeting resolved the comments following the announcement of a Working Group Review (IEEE 802.16h-06/011). The completed *Commentary* database of all comments and reply comments was considered by the meeting (IEEE 802.16h-06/012).

Details of the specific comment resolutions were added to *Commentary* database file (IEEE 802.16h-06/012r1).

~ ~ ~ The meeting adjourned at 10:33am ~ ~ ~

~ ~ ~ The meeting reconvened at 11:04am ~ ~ ~

Continued resolution of Working Group Review comments and reply comments (IEEE 802.16h-06/012).

~ ~ ~ The meeting adjourned at 12:15pm ~ ~ ~

~ ~ ~ The meeting reconvened at 13:24pm ~ ~ ~

Continued resolution of Working Group Review comments and reply comments (IEEE 802.16h-06/012).

~ ~ ~ The meeting adjourned at 3:20pm ~ ~ ~

~ ~ ~ The meeting reconvened at 3:54pm ~ ~ ~

Continued resolution of Working Group Review comments and reply comments (IEEE 802.16h-06/012).

~ ~ ~ The meeting adjourned at 5:54pm ~ ~ ~

Wednesday 10 May 2006

Second session: The meeting opened at 9:22am.
Dan Intercontinental, 12 Kaufman St.
Tel Aviv, Israel.

Continued resolution of Working Group Review comments and reply comments (IEEE 802.16h-06/012).

~ ~ ~ The meeting adjourned at 10:30am ~ ~ ~

~ ~ ~ The meeting reconvened at 10:57am ~ ~ ~

Continued resolution of Working Group Review comments and reply comments (IEEE 802.16h-06/012).

~ ~ ~ The meeting adjourned at 12:15pm ~ ~ ~

~ ~ ~ The meeting reconvened at 1:27pm ~ ~ ~

Continued resolution of Working Group Review comments and reply comments (IEEE 802.16h-06/012).

~ ~ ~ The meeting adjourned at 3:32pm ~ ~ ~

~ ~ ~ The meeting reconvened at 4:07pm ~ ~ ~

Continued resolution of Working Group Review comments and reply comments (IEEE 802.16h-06/012).

~ ~ ~ The meeting adjourned at 17:31pm ~ ~ ~

Thursday 11 May 2006

Third session: The meeting opened at 9:15am.
Dan Intercontinental, 12 Kaufman St.
Tel Aviv, Israel.

Continued resolution of Working Group Review comments and reply comments (IEEE 802.16h-06/012).

~ ~ ~ The meeting adjourned at 10:30pm ~ ~ ~

~ ~ ~ The meeting reconvened at 10:50pm ~ ~ ~

Continued resolution of Working Group Review comments and reply comments (IEEE 802.16h-06/012).

~ ~ ~ The meeting adjourned at 12:03pm ~ ~ ~

~ ~ ~ The meeting reconvened at 1:10pm ~ ~ ~

The three late contributions were considered.

**Co-Channel Interference CP Messages (SS_CCID_IND & SS_CCID_RSP)
For Synchronized WirelessMAN_CX Same Profile Systems**

John Sydor, Shanzeng Guo
Communication Research Center

Contribution: IEEE C802.16h-06/041

This contribution discussed coexistence and co-channel interference messages formerly presented as MAC messages and includes them as new Coexistence Protocol messages. Its purpose is to reduce the MAC overhead for WirelessMAN-CX, since these messages are not time critical.

The contribution was accepted with no objection.

**Co-Channel Interference MAC messages (BS_CCID_IND and
BS_CCID_RSP) for Synchronized WirelessMAN-CX Same Profile Systems**

John Sydor, Shanzeng Guo
Communication Research Center

Contribution: IEEE C802.16h-06/042

This contribution proposed to add more detailed definition of two previously described MAC messages used in signaling coexistence and co-channel interference information between WirelessMAN-CX systems.

The contribution was accepted with no objection.

**Interference Scenario Case Studies for Synchronized WirelessMAN-CX
Systems conforming to a Common PHY Profile**

John Sydor, Shanzeng Guo
Communication Research Center

Contribution: IEEE C802.16h-06/043

This contribution presented a case study for WirelessMAN-CX systems. This contribution is to be included as an annex to the IEEE 802.16h working document, and is for information only.

The contribution was accepted with no objection.

There was discussion on the resolved working group review database. The action items (25 in total) were extracted from the database and a task list produced. In addition a list of ad hoc groups to be formed was compiled. This was uploaded as contribution C80216h-06_047.

The four ad-hoc groups are:

- *Group 1*: Define the transmission procedures for the token protocol messages in Chapter 6 – Chair: David Grandblaise.
- *Group 2*: Establish the new structure of the document – Chair Xuyong Wu.
- *Group 3*: Create an Overview of the proposed schemes – Chair Mariana Goldhamer.
- *Group 4*: Consolidate the procedures for interferer identification – Chair: Mariana Goldhamer.

~ ~ ~ The meeting adjourned at 2:25pm ~ ~ ~

~ ~ ~ The meeting reconvened at 3:00pm ~ ~ ~

Modified structure of the 802.16h Working Document

Wu Xuyong
Huawei

Contribution: IEEE C802.16h-06/046

This contribution proposed an improved logical structure to section 15 of the working document, thus aiming to allow a better understanding of the existing co-existence mechanisms.

This contribution was used to resolved comment number 30 in the working group review database.

The final decision regarding the new structure will be provided by the dedicated ad-hoc group.

5. Meeting report out

The meeting report (IEEE 802.16h-06/013) for the closing plenary was discussed in the meeting.

It was agreed that in any LE band there may not necessarily be only 802.16 systems present. Coordination with other 802 groups is desirable. The group would benefit from a Liaison Officer to 802.11, 802.15 and 802.22.

Ken Stanwood indicated his willingness to serve as a Liaison Officer to 802.11 and 802.22.

Motion: Nominated Ken Stanwood as IEEE802.16h Liaison Officer to IEEE802.11 and 802.22 Working.

Proposed: John Sydor.
Second: Avi Freedman.

Carried by unanimous voice vote at 5:07pm.

The group agreed to propose Ken's nomination at the 802.16 Working Group closing plenary namely: *Ken Stanwood be the IEEE 802.16 Liaison Officer to IEEE 802.11 and IEEE 802.22 Working Groups.*

6. AOB

There was no other business.

7. Close the meeting

Motion: To adjorn.
Proposed: John Sydor.
Second: Avi Freedman.

Carried by unanimous voice vote at 5:09pm.

~ ~ ~ The meeting closed at 5:09pm ~ ~ ~