

IEEE 802.16 License-Exempt Task Group Meeting Minutes

Session #46 – Dallas, Texas: *Part of the IEEE 802 plenary*

Chair: Mariana Goldhamer, Alvarion
Vice Chair: Paul Piggin, NextWave Broadband Inc.
Editor: Xuyong Wu, Huawei
Secretary (Acting): Paul Piggin, NextWave Broadband Inc.

Monday 13 November 2006

Day One: The meeting opened at 4:20pm.
Hyatt Regency Dallas,
300 Reunion Boulevard,
Dallas, Texas, USA 75207.
Gaston meeting room.

Given the number of comments to resolve in response to Letter Ballot #24 an additional session was added today Monday 13 November from 4-6pm. This 2 hour meeting, ahead of the official opening, was dedicated to considering all the comments marked editorial in the *Commentary* database IEEE 80216h-06/068r1. The meeting determined if comments marked as editorial were indeed editorial, or if they contained technical elements. Comments deemed to be purely editorial were resolved; comments with technical content were deferred for consideration in later meeting slots during the session.

~ ~ ~ The meeting adjourned at 6:01pm ~ ~ ~

Tuesday 14 November 2006

Day Two: The meeting opened at 8:01am.
Hyatt Regency Dallas,
300 Reunion Boulevard,
Dallas, Texas, USA 75207.
Windsor meeting room.

1. Opening of the License-Exempt Task Group at Session #46

Planned meeting times:

Monday 13 November: 4pm-6pm

Tuesday 14 November: 8am-12noon, 1pm-6pm, 7pm-10pm

Wednesday 15 November: 8am-12noon, 1pm-6pm

Thursday 16 November: 8am-12noon, 1pm-6pm. A joint meeting with 802.11y 8-10am

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

The agenda for the week (IEEE 802.16h-06/027) was discussed and summarized accordingly:

- *Opening of the LE TG at Session #46*
- *Revision and approval of the LE TG agenda for the week*

- Specific discussion on meeting times and time for comment resolution
- Approval of the Minutes for Session #45 –Task Group document IEEE 802.16h-06/026
- Resolution of Letter Ballot #24 comments contained in Commentary database IEEE 802.16-06/068r1
 - Contributions not related to comments
 - Reply comments
- Joint meeting with 802.11y
 - Thursday morning, 8-10am.
 - Provisional agenda to include the following presentation:
 - 802.11y / D1 presentation - Peter Ecclesine (as TG chair of 802.11y)
 - 802.16h/D1 presentation – C802.16h-06/121r1 - Mariana Goldhamer (as TG chair of 802.16h)
 - Overview of 802.16h Uncoordinated Coexistence approach in 3.65-3.7GHz - S/C 802.16h-06/117 - Paul Piggin (NextWave Broadband)
 - Proposal of a Coordinated Coexistence approach between 802.11 and 802.16 - C802.16h-06/122 - Mariana Goldhamer (Alvarion)
- Meeting report out to the WG plenary
- AOB
- Close of meeting

Mariana Goldhamer (Chair) intended ruling out for consideration any of the contributions that had contribution numbers reserved but no accompanying contributions. Paul Piggin proposed the inclusion of such a document: IEEE 802.16h-06/119.

There was no objection to accepting contribution IEEE 802.16h-06/119 for consideration. The contribution was accepted for consideration as part of comment resolution.

Mariana Goldhamer (Chair) proposed accepting the agenda in document IEEE 802.16h-06/027.

The agenda was approved by unanimous voice vote at 8:14am.

3. Approval of the Minutes for Session #45 – IEEE 802.16h-06/026

The meeting reviewed the minutes from Session #45 – document IEEE 802.16h-06/026.

Motion (8:15am): To accept minutes of the session #45.

Proposer: Xuyong Wu.

Second: Avi Freedman.

The minutes for the previous meeting at session #45 in Mont Tremblant, Canada, were approved with no objection.

4. Letter Ballot #24 comment resolution

Comment resolution from *Commentary* database IEEE 80216h-06/068r1.

~ ~ ~ The meeting adjourned at 10:00am ~ ~ ~

~ ~ ~ The meeting reconvened at 10:21am ~ ~ ~

Comment resolution from *Commentary* database IEEE 80216h-06/068r1.

~ ~ ~ The meeting adjourned at 12:00pm ~ ~ ~

~ ~ ~ The meeting reconvened at 1:07pm ~ ~ ~

Comment resolution from *Commentary* database IEEE 80216h-06/068r1.

~ ~ ~ The meeting adjourned at 3:02pm ~ ~ ~

~ ~ ~ The meeting reconvened at 3:23pm ~ ~ ~

Comment resolution from *Commentary* database IEEE 80216h-06/068r1.

~ ~ ~ The meeting adjourned at 5:59pm ~ ~ ~

~ ~ ~ The meeting reconvened at 7:03pm ~ ~ ~

Comment resolution from *Commentary* database IEEE 80216h-06/068r1.

~ ~ ~ The meeting adjourned at 10:03pm ~ ~ ~

Wednesday 15 November 2006

Day Three: The meeting opened at 8:04am.
Hyatt Regency Dallas,
300 Reunion Boulevard,
Dallas, Texas, USA 75207.
Windsor meeting room.

Comment resolution from *Commentary* database IEEE 80216h-06/068r1.

~ ~ ~ The meeting adjourned at 10:01am ~ ~ ~

~ ~ ~ The meeting reconvened at 10:25am ~ ~ ~

Comment resolution from *Commentary* database IEEE 80216h-06/068r1.

~ ~ ~ The meeting adjourned at 12:01pm ~ ~ ~

~ ~ ~ The meeting reconvened at 1:08pm ~ ~ ~

Comment resolution from *Commentary* database IEEE 80216h-06/068r1.

~ ~ ~ The meeting adjourned at 3:05pm ~ ~ ~

~ ~ ~ The meeting reconvened at 3:25pm ~ ~ ~

Comment resolution from *Commentary* database IEEE 80216h-06/068r1.

~ ~ ~ The meeting adjourned at 6:06pm ~ ~ ~

Thursday 16 November 2006

Day Four: The meeting opened at 8:01am.
Hyatt Regency Dallas,
300 Reunion Boulevard,
Dallas, Texas, USA 75207.
Cotton Bowl meeting room.

Joint meeting between 802.16h and 802.11y.

Meeting Chairs: Mariana Goldhamer 802.16h, Al Petrick 802.11y (for Peter Ecclesine TGy Chair)

Recording Secretary – Al Petrick (*from whom these minutes for the joint meeting were developed*)

45 people were in the room.

1. *Approve Agenda*
 - a. *No opposition to approve the agenda as proposed*
 - i. *Approved by unanimous consent*
2. *Presentations given by Peter Ecclesine*
 - a. *Reviewed 802.11y draft D0.02 (November 2006) [Doc: 11-06-1865-00-000y-tgy-brief-intro-to-tgy.doc]*
 - b. *Beacon periods [Doc: 11-06-1830-00-000y-dse-in-licensed-band-operations.doc]*
 - i. *Some discussion*
 - c. *Peter Ecclesine to make the two documents available to 802.16 WG after documents are posted on 802.11 server*
3. *Presentation given by Mariana Goldhamer*
 - a. *Doc: IEEE802.16h-06/121r1*
 - i. *Some discussion*
4. *Presentation given by Paul Piggion*
 - a. *Doc: IEEE802.16h-06/117 (Overview of 802.16h Uncoordinated Coexistence approach in 3.65-3.7GHz)*
 - i. *Some Discussion*
5. *Presentation given by Mariana Goldhamer*
 - a. *Doc: IEEE 802.16h-06/122*
 - i. *Some Discussion on 4msec requirement for 802.11*
6. *Next steps*
 - a. *Probably meet [at Session #47] in January 2007 in London to continue discussion*

~ ~ ~ The meeting adjourned at 10:15pm ~ ~ ~

~ ~ ~ The meeting reconvened at 10:45am ~ ~ ~

Comment resolution from *Commentary* database IEEE 80216h-06/068r1.

~ ~ ~ The meeting reconvened at 12:01pm ~ ~ ~

Comment resolution from *Commentary* database IEEE 80216h-06/068r1.

~ ~ ~ The meeting adjourned at 3:11am ~ ~ ~

~ ~ ~ The meeting reconvened at 3:36pm ~ ~ ~

Comment resolution from *Commentary* database IEEE 80216h-06/068r1.

5. Meeting report out to the WG plenary

The meeting action items (IEEE 802.16h-06/123) for the next period were discussed. This document lists the action items and ad hoc assignment following comment resolution.

The meeting report (IEEE 802.16h-06/028) for the Working Group closing plenary was discussed. Comment resolution and future deadlines were discussed.

Commentary database:

- Following the comment resolution during this Session IEEE 802.16-06/068r2 was developed
- IEEE 802.16-06/068r2 contains 1147 comments
- Approximately 882 comments resolved during the week
- Approximately 265 comments un-resolved
- Comments considered during the week to be considered before Session #47:
 - 7 Ad hocs
 - 24 personal Action Items

Timelines:

- Submission of the results of the action items and ad hocs: Deadline January 4 2007
- Allow additional comments on all unresolved comments: Deadline January 4 2007
- Reply comments on the unresolved comments (on a revision to database 802.16-06/068r2): Deadline January 11 2007

6. AOB

There was no other business.

7. Close of meeting

Motion (5:51pm): To adjourn.
Proposed: Xuyong Wu.
Second: David Grandblaise.

Carried by unanimous voice vote.

~ ~ ~ The meeting adjourned at 5:51pm ~ ~ ~