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Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	<b>Minutes of IEEE 802.16 Session #43</b>	
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Re:	IEEE 802.16 Session #43 Minutes (Tel Aviv, Israel)	
Abstract		
Purpose	To record minutes of the IEEE 802.16 Working Group Opening and Closing Plenary meetings at Session #43	
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## Minutes of IEEE 802.16 Session #43

*IEEE 802.16 Working Group*

*Tel Aviv, Israel*

*8 – 11 May 2006*

### IEEE 802.16 Session #43 Opening Plenary

Monday, 8 May 2006

#### Call to Order

The meeting was called to order by Working Group (WG) Chair Roger Marks at 1:55 pm, who welcomed attendees to Session #43 of the IEEE 802.16 WG. The opening plenary had been delayed by nearly one hour due to network connection issues. The chair provided the URL for the opening plenary agenda and explained the corresponding time shift due to the one hour starting delay. Roger introduced himself and Peiyong Zhu (Acting Secretary), conveying regrets for Vice Chair Ken Stanwood's absence.

The Chair thanked the meeting host Naftali Chayat and invited him to give a speech and provide details regarding logistics. Naftali welcomed all attendees and expressed thanks to the following event co-sponsors: Runcom for the Wednesday social event; Comsys, Paragon and WiNetworks for the Friday tour; and Agilent for the meeting bag. Naftali also introduced and praised Ms. Adi Lahav for her excellent work on organizing the event.

The slides presented by the Chair to guide the meeting during the Opening Plenary are available in document IEEE 802.16-06/025.

The Chair outlined networking, logistical and registration issues and reviewed the agenda.

Jose asked if there is a quorum present. The Chair replied that no quorum call is needed for this session. There was a discussion on this issue in the last session. Several motions were passed to authorize the Working Group to conduct business with or without quorum. Phil Barber noted that several other motions were passed to authorize Task Groups (TGs) to deal with the specific tasks without quorum. Roger then displayed and read these motions.

#### Approvals

**Motion (at 2:00pm):** To approve the Opening Plenary Meeting Agenda as presented, proposed John Humbert, seconded Gregory Henderson, approved by unanimous voice vote.

<http://iee802.org/16/meetings/mtg43/opening.html>.

Roger explained that he made a few editorial changes to correct misspellings in the draft minutes of Session #42.

**Motion (at 2:05pm):** To approve Minutes of Session #42 (IEEE 802.16-06/019r1, proposed John Humbert, seconded Gregory Henderson, approved by unanimous voice vote.

Roger expressed his appreciation again for Andy Sago's excellent work as Acting WG Secretary for the last three sessions.

## Membership and Voting

The Chair referred to the lists of WG Members, Potential Members, Members in Peril, and Observers.

The Chair explained the Attendance Log procedure. No Attendance Books will be used; sign-in is electronic only. Eight attendance intervals: [Mon pm; Tue am; Tue pm; Wed am; Wed pm; Thu am; Thu pm; Thu night]. "Participation" Requirements: six intervals (75%).

Roger asked for any questions or concerns. No one raised issues.

## Chair's Status Report

See Chair's slides (IEEE 802.16-06/025).

## Legal Announcements

Roger highlighted parts of the IEEE 802 Policies and Procedures (P&P) as shown in his opening slides in document IEEE 80216-06/025.

The following advice was provided by the WG Chair regarding IEEE Standards Association (IEEE-SA) rules regarding patents:

- The IEEE's patent policy is consistent with the ANSI patent policy and is described in Clause 6 of the IEEE-SA Standards Board Bylaws;
- Early disclosure of patents which may be essential for the use of standards under development is encouraged;
- Disclosures made of such patents may not be exhaustive of all patents that may be essential for the use of standards under development, and that neither the IEEE, the WG, nor the WG Chairman ensure the accuracy or completeness of any disclosure or whether any disclosure is of a patent that, in fact, may be essential for the use of standards under development.

Slide #1 ("IEEE-SA Standards Board Bylaws on Patents in Standards") and Slide #2 ("Inappropriate Topics for IEEE WG Meetings") were shown (slides included February 2006 revisions by Standards Board).

An opportunity was provided for WG members to identify or disclose patents that the WG member believes may be essential for the use of that standard. There were no responses to this announcement.

## IEEE 802 P&P: Chair's role

Roger reviewed WG Chair's role.

Roger discussed his request for comments on two 802 P&P change ballots. Two comments have been received. Roger indicated that further comments can be raised in the closing plenary.

## IEEE-SA Actions

Phil Barber asked the Chair to explain the Letter to the 802.20 reflector from the IEEE-SA Standards Board on its investigation of the group. Roger displayed and read the letter to the group. Roger noted that it is possible that the outcome of the review may affect other groups. IEEE-SA board will meet in June. Roger asked people to talk to him if there are any concerns.

## Schedule for the Week

The schedule for the week was presented for the various task groups and ad-hoc groups <<http://dot16.org/calendar/week.php?date=20060508>>.

## Registration Authority Issues

Roger reviewed the issue regarding Base Station ID, specifically, IEEE Std 802.16 specifies no procedure to determine and assign the “unique” 24 bit operator ID. The topic was discussed with members of the IEEE-SA Registration Authority Committee (RAC) by Roger, Ken Stanwood, and Phil Barber. A call for comments/contributions was issued via the reflector. One comment was received by the deadline. Roger reviewed the comment and assigned the NetMan task group to prepare the response to the comment in this meeting. The RAC meets each July.

Roger asked Phil to take note of the fact that the call for comments requested input regarding a tutorial explaining the use of the ID number. No input was received.

## NetMan Task Group

Roger commented that 3 out of the 6 current active WG projects are being handled by the NetMan TG.

The NetMan TG draft agenda for the week was presented by TG Chair Phil Barber (document IEEE 802.16netman-06/008). Phil reported the IEEE 802.16 WG Letter Ballot Recirc #20a results. Approval for the ballot (on P802.16g) stands at 63%. Phil pointed out that the reply comment deadline is May 8. He encouraged people to reply. The TG will work on resolving comments and related contributions on IEEE 802.16 WG Letter Ballot Recirc #20a as well as on P802.16i. No contribution has been received for P802.16k.

Phil asked for questions and discussions. No response was received.

## Conformance Task Group

The Conformance TG opening report (document [IEEE 802.16C-06/007](#)) was made by Herbert Ruck (Acting TG Chair for Session #43), due to the absence of the TG Chair. A new version of draft P802.16/Conformance04/D7 was created and the sponsor ballot was recirculated in April-May 2006.

Roger stated that the document was approved by 96% voters before recirculation and has now attained a 100% approval rate. However, one voter requested to resolve one Disapprove comment even though he later switched his vote from “no” to “yes”. Roger explained the options the group could: (1) reject the comment and submit the draft for approval; or (2) accept the comment and do another recirculation. We needed to make this decision during the meeting. Roger asked if anyone had interest to resolve this issue. No comments were received. Roger

then asked Herbert to resolve the issue using his own judgement and present a recommendation for review at the Closing Plenary.

Herbert discussed his intended response to the comment. His recommendation was to reject the comment with the response discussed in the previous session. Roger asked for comments on Herbert's proposal. No comments were received. Roger then instructed meeting attendees to inform Herbert if they change their mind during the meeting and announced that there will be no formal meetings for the Conformance TG.

### **License-Exempt Task Group**

Mariana Goldhamer presented the plan for the week for the License-Exempt TG. Mariana encouraged people to read the working document IEEE 802.16h-06/010 and reminded people of the tonight's reply for comment deadline. Mariana displayed the motion passed in the last meeting authorizing the TG to make decisions without quorum.

### **Relay Task Group**

The Relay TG draft agenda for the week was presented by the TG chair Mitsuo Nohara (document 802.16j-06/002). This is the first meeting for the Relay Task Group. Mitsuo reviewed the agenda and objectives for the meeting.

Lei Wang asked if the Vice Chair and Editor had been assigned. Mitsuo replied that he had asked for volunteers. Roger indicated that it is WG Chair's responsibility to fill those positions and decisions will likely be announced by the end of this week. Roger asked volunteers to come forward, following similar announcements made during and after Session #42.

### **Maintenance Task Group**

Maintenance TG Chair Jon Labs updated the meeting regarding the 802.16 Maintenance Process (report IEEE 802.16maint-06/013). Jon reviewed two motions approved in the last WG Closing Plenary (Session #42). Jon reviewed the status of Letter Ballot #21, in which the WG maintenance process is being established. The approval rate is 94% with return rate 61%. The group will resolve LB #21 comments and do a general overview for maintenance change requests. He informed the group that he intended to accept late comments for LB#21.

Roger restated that this is not an active standard development project. The group was tasked to collect information, review comments and provide feedback to the comments.

A few questions were raised on the agenda. Jon explained the plan.

### **Schedule for the Week**

Roger showed the updated agenda for the week <<http://dot16.org/calendar/week.php?date=20060508>>.

### **Charge to Task Groups**

TG and SG Chairs were asked to ensure that minutes are recorded, previous minutes are approved, start and finish times are recorded for their meetings, motions are posted in advance and motion times are recorded.

## Liaisons

ETSI BRAN

Mariana Goldhamer gave an ETSI BRAN liaison report (document L802.16-06/006).

Roger asked any questions and comments. No comments were received. No liaison meetings are scheduled this week.

## Future Sessions

No discussion at this time. Roger reminded people that registration and hotel reservation for Session #44 is open, and hotel space is tight. He encouraged people to take early action.

Location, dates, and hosts for Session #49 will be selected during Session #44. Roger encouraged attendees to submit proposals. The guideline on how to make a proposal is available in the IEEE 802.16 Interim Session Guidelines (see <http://ieee802.org/16/meetings/mtg49>>).

**Session #44:** 17-20 July 2006: San Diego, CA, USA with [IEEE 802 Plenary Session](#)

**Session #45:** 25-28 Sept 2006: Mont Tremblant, Quebec, Canada

**Session #46:** 13-16 November 2006: Dallas, TX, USA with [IEEE 802 Plenary Session](#)

**Session #47:** 15-18 January 2007: London, UK with [IEEE 802 Joint Interim Session](#)

**Session #48:** 12-15 March 2007: Orlando, FL, USA with [IEEE 802 Plenary Session](#)

**Session #49:** May 2007: IEEE 802 Interim Session

Site to be determined during Session #44:

Proposals solicited; please see [IEEE 802.16 Interim Session Guidelines](#)

## New Business

There was no new business from the floor.

## Closing

Chair instructed that NetMan meeting would start after 15 min break.

A **Motion** to adjourn the Opening Plenary was proposed by Scott Probasco, seconded by Jonathan Labs and approved by unanimous voice vote. The meeting adjourned at 4:01pm.

## IEEE 802.16 Session #43 Closing Plenary

11 May 2006

### Call to Order

Roger Marks called the meeting to order at 7:39pm.

### Approval of Agenda

The Closing Plenary agenda was published at <<http://wirelessman.org/16/meetings/mtg43/closing.html>>. Agenda was reviewed by the WG chair Roger Marks. A **Motion (at 7:41)** to approve the agenda as presented and amended by Chair was proposed by Scott Probasco and seconded by Sean Cai and approved by unanimous consent.

### Conformance Task Group

Report was presented by Acting TG Chair Herbert Ruck (document 802.16C-06/008).

**Motion (7:48pm):** Accept the database IEEE 802.16-06/015r3 as the final resolution of the Sponsor Ballot comments for P802.16-Conformance04/D7, proposed by Herbert Ruck, seconded by Jon Labs. There was no discussion. Motion passed 38/0/0.

Roger confirmed that the sponsor ballot is now considered to be complete. He will forward draft D7 to RevCom for approval, along with an approval application. Roger expressed his congratulations to the Chair, Acting Chair, and Task Group.

### Working Group Issues

The session host, Naftali Chayat, discussed remaining logistics issues. He expressed his appreciation to the event organizer Galit Ratson and again thanked the co-sponsors for the meeting. Roger thanked Naftali and Galit for organizing the meeting.

### License-Exempt Task Group

A report was made by TG Chair Mariana Goldhamer (document IEEE 802.16h-06/013). Action items and their owners are listed in IEEE C802.16h-06/047. Four ad-hoc groups were formed. There was a proposal for a PAR change to remove the reference to date of the base standard. Roger said that, according to the 48-hour rule in the 802 P&P, this issue could be raised at Session #44 in time for EC approval at the end of that week.

Phil questioned the need for such a PAR revision. Roger explained the reasons to remove the date reference, in accordance with the IEEE-SA PAR instructions.

Roger expressed the appreciation for Ken Stanwood's offer to visit the IEEE 802.11 and 802.22 WG meetings next week, communicating the interest of the WG in developing on-going communications with the 802.11y and 802.22 projects, particularly regarding the 802.16h project in our License-Exempt Task Group. He encouraged Ken to report to 802.16 regarding the thoughts of 802.11 and 802.22 on the suitability of a liaison relationship and on ideas regarding potential areas of common interest.

## Relay Task Group

A report on the first Relay TG meeting was made by the TG Chair Mitsuo Nohara (document 802.16j-06/004). There were no comments or questions. Mitsuo expressed his appreciations for his acting leadership team (Ariel Sharon, Jung Je Son and Mike Hart) for this meeting. Sean Cai expressed congratulations and appreciation to Mitsuo for successfully chairing his first formal session.

Roger announced that the TG Vice Chair position is still vacant. He also announced that Jung Je Son and Mike Hart would be co-Editors and share secretarial responsibilities.

## Maintenance Task Group

A report was presented by TG Chair Jon Labs (document IEEE 802.16maint-06/017).

**Motion:** To accept the proposed maintenance process document IEEE 802.16maint06/003r1 as modified by the comment resolutions (80216-06/027r2), to open a Working Group Confirmation Letter Ballot on that document (IEEE 802.16maint-06/003r2), and to authorize the WG Chair to resolve any further comments, proposed by Jon Labs, seconded by Lei Wang. There was no discussion. Motion passed 45/0/0.

**Motion:** To open a Call for Additional Change requests on IEEE 802.16, to be followed by a Call for Reply comments on all change requests, proposed by Jon Labs, seconded by Ofer Kelman. Motion was approved by unanimous consensus.

## NetMan Task Group

A report on progress on the P802.16g, P802.16k, and P802.16.16i projects was made by TG chair Phil Barber (document 802.16netman-06/010). Phil noted that the approval rate for LB#21 remains below 75%. Phil asked if any member presented wished to switch their votes. Krzysztof Dudzinski, Wen Tong, and Peiyong Zhu indicated that they will switch the “no” vote to “yes”. With these vote changes, the approval rate is 68%.

**Motion:** To develop and issue the Working Group Draft P802.16g/D3, and initiate a Working Group Letter Ballot recirculation, in which the entire document is available for comment, to close around July 7, 2006, proposed by Phil Barber, seconded by Scott Migaldi.

Roger raised a question whether it is useful to continue this ballot, given that it remains below the approval threshold. Scott Migaldi and Sean Cai both expressed the view that the project is making progress.

Motion passed by 43/0/0.

### **Motion:**

To authorize the Editor to use C802.16-06/001 to develop and issue P802.16k/D1 as the Working Group Draft, and to initiate a Working Group Letter Ballot on P802.16k/D1, to close around July 10, 2006, proposed by Phil Barber, seconded by Scott Henderson. Motion passed by 44/0/1.

### **Motion:**

To accept the report of the NetMan Task Group and to authorize the Working Group Chair to modify and



forward the document IEEE 802.16-06/016r2 as a liaison on this matter, proposed by Phil Barber, seconded by Scott Migaldi. There were no discussions. Motion passed by 47/0/0.

**Motion:**

To empower the WG Chair to investigate and take whatever reasonable action is required to resolve the issue of IANA ifType number and transmission OID number assignment for IEEE 802.16f and 802.16i, prior to Session 44, proposed by Phil Barber, seconded by Per Elmdahl.

Roger asked if the previous motion from the last meeting still applied. Phil believes it still applied.

Motion passed by unanimous voice vote.

Roger presented Joey Chou (802.16i editor) a WirelessMAN shirt in recognition of his excellent work.

**Liaisons****3GPP**

A Motion had been approved during Session #42 to send a liaison letter to 3GPP SA5, copied to 3GPP SA, informing them of the appointment of Jörg Schmidt as Liaison Officer. Roger read a proposed liaison letter (IEEE L802.16-05/007) and asked for comments. No comments were received.

Motion: To approve liaison statement (IEEE L802.16-05/007) to 3GPP TSG-SA5, proposed by Sean Cai, Seconded by John Humbert. Motion passed 47/0/0.

**802.21**

Peretz Feder volunteered to be the liaison officer for 802.21. No other volunteer came forward. Roger then appointed Peretz Feder to be the liaison officer to the 802.21 WG.

**Future Sessions**

Jon Labs gave an update on Session #45(document C802.16-06/006), to be held 25-28 Sept 2006 in Mont Tremblant, Canada, co-hosted by Frank Draper and Brian Kiernan. It is confirmed that Nortel will provide network connection and support.

Session #44: 17-20 July 2006: San Diego, CA, USA with IEEE 802 Plenary Session

Session #45: 25-28 Sept 2006: Mont Tremblant, Quebec, Canada

Session #46: 13-16 November 2006: Dallas, TX, USA with IEEE 802 Plenary Session

Session #47: 15-18 January 2007: London, UK with IEEE 802 Joint Interim Session

In a straw poll at the meeting, 43 people indicated that they are likely to attend Session #45, and none indicated that they are unlikely to attend.

Roger solicited indications of interest in proposals for Session #49. He indicated that there was discussion on proposal for potential Tokyo site.

## Publicity

Roger Marks was authorised without objection to prepare a Session #43 Report.

## New Business

Roger informed the WG of a notice from ITU-R (IEEE L802.16-06/011) that announces the approval of ITU-R F.1763 (developed by ITU-R WP 9B and SG 9, as of 27 April. F.1763 recommends IEEE Std 802.16-2004 and its Corrigendum 1 for broadband wireless access in the fixed service. This is a significant achievement. Roger congratulated the team, thanked Mariana for her efforts in ETSI BRAN and special thanks for José Costa's extraordinary efforts to recognize 802.16 standards in ITU. Roger will report this news in the Session #43 Report.

Scott Probasco reviewed a proposed draft RAC tutorial (C802.16-06/005). Roger appointed Scott to chair an ad-hoc group to review the tutorial within one month. Phil Barber, Jon Humbert, Sean Cai, Jose Puthenkulam, and Roger Marks volunteered to join the discussion in the ad-hoc group.

## Closing

A **Motion (9:54pm)** to adjourn the meeting was made by Scott Henderson, seconded by Sean Cai, and carried by unanimous voice vote. The meeting was adjourned at 9:55pm on 11 May 2006.

## Additional Documentation

Session #43 Report: <<http://ieee802.org/16/meetings/mtg43/report.html>>

Session #43 Attendance and Participation: <<http://ieee802.org/16/meetings/mtg43/reglist.html>>