DRAFT

Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**Minutes of IEEE 802.16 Session #73**
Date Submitted	**2011-06-15**
Source	Erik Colban Voice: +1-858-775-2494 Huawei ecolban@huawei.com
Abstract	IEEE 802.16 Session #73 Minutes (Lake Louise)
Purpose	To record the minutes of the IEEE 802.16 Working Group Opening and Closing Plenary meetings at Session #73. For approval at Session #74
Release	The contributor is familiar with the IEEE-SA Copyright Policy <http://standards.ieee.org/IPR/copyrightpolicy.html>.
Patent Policy and Procedures	The contributor is familiar with the IEEE-SA Patent Policy and Procedures: <http://standards.ieee.org/guides/bylaws/sect6-7.html#6> and <http://standards.ieee.org/guides/opman/sect6.html#6.3>. Further information is located at <http://standards.ieee.org/board/pat/pat-material.html> and <http://standards.ieee.org/board/pat>.

Minutes of IEEE 802.16 Session #73

IEEE 802.16 Working Group
Lake Louise, Alberta, Canada
May 16—19, 2011

IEEE 802.16 Session #73 Opening Plenary Meeting

Monday May 16, 2011, 13:40 – 16:10 hours.

Opening

The Working Group (WG) meeting was called to order by Dr. Roger Marks at 13:40 hours local time. He welcomed the attendees to Session #73 of the IEEE 802.16 WG. Roger provided the URL for the server containing the welcome page, links to the upload facilities, attendance, agenda, etc. Roger explained the web site and the WirelessMAN Interactive Calendar.

Roger introduced himself as Chair of the Working Group (WG)and stated his affiliation with Consensii LLC and InterDigital Communications, LLC. Vice Chair Rakesh Taori, affiliated with Samsung, was not present. The chair introduced Rakesh in his absence and informed the group that Rakesh would be arriving on Tuesday and passed along Rakesh's apologies for not being able to be present at the opening meeting. Erik Colban, affiliated with Huawei, introduced himself. Treasurer Scott Migaldi, affiliated with Motorola, was introduced in absence. The chair said that Scott would like to be relieved from his responsibility as treasurer, and asked if there were any persons interested in taking over.

The chair informed the group about the agenda, which was available on the web server.

Session #73 Host Ron Murias welcomed the participants to Lake Louise. Also, as chief editor for IEEE Std 802.16m, he acknowledged the editorial help of Hyunjeong Kang (Samsung), Joey Chow (Intel), and Alessandro Triglia (OSS Nokalva) with a gift to each.

Membership and Voting

The chair described types of Membership in the WG as well as the rights and obligations of Membership in the WG (http://ieee802.org/16/membership.html). At the beginning of the Session there were 186 Members (<http://ieee802.org/16/members.html>) of the WG. Potential Members (<http://ieee802.org/16/members_pot.html>), Members in Peril (<http://ieee802.org/16/members_peril.html>) and Observers (<http://ieee802.org/16/observers.html>) were also noted. Members of the WG were advised to verify that their registration badge correctly indicated their membership.

Attendance

The attendees were informed that acquiring and retaining Membership in the WG depends on logging attendance correctly in the IEEE Automated Meeting Attendance Tool ("IMAT"). The WG chair demonstrated the method of registering in the IMAT system. The attendance software's "Affiliation" field is the appropriate Affiliation per IEEE-SA affiliation disclosure requirements (reference <http://standards.ieee.org/faqs/affiliationFAQ.html>) and will be reported as such. The chair explained that entering "IEEE" or "WG802.16" as affiliation is invalid and no participation credit will be given in that case. Attendees were advised that they must record at least 75% of the possible credit hours in the IMAT attendance system in order to ensure "Participation" status for the session. The Chair noted that attendance credit will be granted to 802.16 Members for participation in IEEE 802.21, which was also in session at the same venue.

Approvals

The WG chair reviewed the agenda and asked for comments or concerns. None were received.

Motion (14:05 h): "*To approve the agenda of Session #73.*"

Moved by Ron Murias, seconded Tim Godfrey.
Motion approved by unanimous consent.

The WG chair asked if there were any comments on the minutes of the previous session. None were received.

Motion (14:06 h): *"To approve the Minutes of Session #72 (IEEE 802.16-11/0015)."*
Moved by Ron Murias, seconded by Lei Wang.
Motion approved by unanimous consent.

Working Group Reports and Issues

The WG chair displayed the Chair's Opening Plenary Presentation Slides, *IEEE 802.16-0016*.

The WG chair presented the patent policy materials (reference <http://standards.ieee.org/board/pat/pat-slideset.pdf>) The chair instructed the secretary to record in the minutes that slides 0-4 were shown, that an opportunity was given to the attendants to respond, and that no response was provided.

The chair then continued presenting the rest of IEEE 802.16-11/0016. He reminded the group that Letters of Assurance (LoA) are available at the IEEE-SA web site. A database of LoAs related to IEEE 802.16 is available at <http://standards.ieee.org/db/patents/pat802_16.html>. The chair instructed the Task Group chairs to repeat the patent policy rules in their groups per the details provided. Copyright information is available at <http://ieee802.org/16/ipr/copyrights>.

The Chair reminded the group that submissions which violate procedures will not be accepted <http://WirelessMAN.org/submit.html>.

The chair discussed the IEEE 802 Rules documents, including Policies and Procedures, the Operations Manual and also the Working Group P&P <http://ieee802.org/devdocs.shtml>. He explained the role and responsibilities of the WG chair and explained the issue of WG Domination.

The chair provided a summary of the WG's new PARs. During Session #72, the WG had approved two new PARs: 802.16 Revision and 802.16M. He informed the group that the EC had approved the PARs. The name "802.16M" had been a concern. In NesCom, the chair and staff were supportive of the naming, and the two PARS were approved unanimously. At the IEEE-SA Standards Board, a ballot was taking place at the time of reporting. The chair noted that the members of the standards board may have concerns with the naming. He noted that if the IEEE-SA board does not approve the naming, the motion at the EC would still stand.

Nader Zein asked about the ITU's IMT-Advanced submission deadline for 802.16m. The chair answered that the deadline had been March 30 (the day before IEEE-SA approval) and that P802.16/D12 had been submitted.

The chair reviewed the previous session report.

TGm Report:

No report; TGm is no longer active.

GRIDMAN TG Report:

GRIDMAN TG Chair Tim Godfrey presented IEEE 802.16n-11/0005.

M2M TG Report:

M2M TG Chair Ron Murias presented IEEE 802.16p-11/0010.

Maintenance TG Report:

TG Chair Yan-Xiu Zheng presented IEEE 802.16maint-11/0011r1. It was noted that WG had received a liaison statement from WiMAX Forum to be forwarded to the Maintenance TG.

Project Planning Committee (PPC) Report:

In the absence of the committee chair, Rakesh Taori, the WG chair gave a brief update on the plans for the week. One meeting was planned for the week. Nader Zein mentioned that he had one contribution he would like to be addressed by the PPC.

ITU-R Liaison Group Report:

The Liaison Group Chair, Takashi Shono, presented the report in L802.16-11/0020. Takashi mentioned a request from ITU for input on M2M topics. Roger Marks mentioned that there were some editorial errors in a previous vocabulary contribution and requested time on the agenda to review it. Roger showed an IEEE press release and proposed that it be reviewed by the group. Roger showed a liaison statement from WiMAX Forum on follow up on M2M. He suggested that it did not require any action by the WG.

Shantidev Mohanty mentioned the establishment of a new working group in the WiMAX Forum: Smart Grid Working Group.

The chair reviewed the schedule for the week.

Future sessions:

Roger reviewed the future sessions.

AOB: Ron Murias, the host for this session, mentioned a couple of logistics issues.

Motion (15:20): "*To adjourn.*"
Moved by Ron Murias; seconded by Phil Barber.
Motion passed by unanimous consent.

IEEE 802.16 Session #73 Closing Plenary Meeting

Thursday, May 19, 2011, 16:09 – 17:50

Opening

The Chair of the 802.16 WG called the meeting to order at 16:09 local time. He reminded the attendees of the patent policy and asked if anyone needed a review of the details. No request was made, and the meeting proceeded. He welcomed the attendees and reviewed the draft Closing Plenary agenda. He asked the attendants if they had any questions concerning the agenda.

Motion (16:10): *"To approve the agenda."*
Moved by Ron Murias; seconded by Yan-Xiu Zheng.
Motion passed with no objections.

Task Group Reports

GRIDMAN TG Report:

The GRIDMAN TG chair, Tim Godfrey, presented IEEE 802.16n-11/0008. He mentioned that Anh Tuan Hoang had been appointed TG editor.

Motion (16:23): *"To authorize the TGn editor to update the 802.16n SRD/SARM (80216n-10_0048r1.pdf) based on the instructions in the resolution for commentary database 80216n-11_0006r1.cmt, comment 1."*

Moved by George Cummings; seconded by Anh Tuan Hoang.

Discussion: Brian Kiernan asked why this was a WG motion. Tim explained that the SRD had been previously approved by the WG. Rakesh Taori asked about the comment that had been approved. Tim provided an explanation.

Vote showed 19 in favor, 0 opposed, 1 abstain. The motion passed.

M2M TG Report:

The M2M TG chair, Ron Murias, presented IEEE 802.16p-11/0013.

Ron confirmed that the two separate calls for contributions mentioned in the report would have the same deadline. He asked to defer a response about how the project would align with the new revision PARs.

Maintenance TG Report:

The Maintenance TG chair, Yan-Xiu Zheng, presented IEEE 802.16maint-11/0015r1.

Draft liaison statement to WiMAX Forum in L802.16-11/0030d0 was discussed. Roger proposed editorial changes. As a result of the discussions, a new version of the LS (d1) was created. Erik Colban asked if anyone could present the issues of the discussions that took place in the Maintenance TG directly to the WiMAX Forum TWG. Yeongmoon Son said he would likely be present at the next TWG face-to-face meeting and would be able to explain.

Motion (17:04): *"To authorize the TG Chair to forward IEEE L802.16-10/0030d1 to the WG as the proposed Liaison statement to the WiMAX Forum in response to L802.16-11/0022 and authorize the WG Chair to make any necessary editorial modifications."*

Moved by Yan-Xiu Zheng; seconded by Lei Wang.

Vote showed 25 in favor, 0 against, 0 abstain
The motion passed.

802.16M PAR proposal:

Roger reminded the group about the ballot in the IEEE-SA Standards Board. He said that the vote closed on May 18. The 802.16 Revision PAR was approved. The 802.16M PAR failed (by 1 vote). The IEEE-SA staff had forwarded the comments to him. (One of the comments said that 16m and 16M would be confused; another said that the name violated the naming conventions, etc...) The NesCom chair believes that it would be acceptable to add a revised PAR with a new name on the June meeting agenda, although the deadline was May 6. Roger suggested a new name: 802.16.1 He mentioned that many years ago there had been an 802.16.1 PAR. However, no standard was developed.

Roger suggested updating the PAR; the EC motion already authorized a name change.

Motion (17:40): "*To resubmit the 802.16M PAR with the designation of 802.16.1*"
Moved by Ron Murias; seconded by Brian Kiernan.

Discussion: Lei Wang asked about the dependency between the PARs mentioned in the PAR text. Roger said that changes could be done by staff without further vote. He said that the dependency is not on the PARs, but on the output of the PARs. Rakesh asked what would happen of the new name proposal fails. Roger said the NesCom would need to propose a new number during the June meeting.

Vote showed: 30 in favor, 0 opposed, 0 abstained.

The motion passed.

Ron Murias expressed concerns about the race condition between the 802.16n and 802.16p PARs, which amend the 802.16 standard, and the new 802.16.1/802.16M PAR. Roger said that modifications to the two amendment PARs could be developed by the WG in July. Erik asked about the urgency of this change. Roger said it was not urgent but that the group should target July.

Project Planning Committee (PPC) Report:

The PPC chair, Rakesh Taori, presented document IEEE 802.16ppc-11/0003r2.

ITU-R Liaison Group Report:

Takashi Shono presented document IEEE L802.16-11/0029r1.

Motion (17:50): "*To approve the following document and authorize the WG Chair to forward it to its recipients subject to any editorial corrections including amendments to the cc list:*

- *IEEE L80216-11/0027 - [LS to WATO] Liaison statement concerning second WATO meeting*"

Moved by Takashi Shono; seconded by Lei Wang

Vote showed 20 in favor, 0 against, 0 abstained.

The motion passed.

Future Sessions

The chair mentioned that approximately 75 people had registered for this 802.16 session.

For Session #74, the chair mentioned that there had been some problems with the hotel reservation and urged those planning to attend to make their reservation soon. He mentioned an idea for a tutorial on 802.16 and the smart grid and solicited participation as panelists.

Regarding interim Session #77, the chair of 802.21 had suggested to help organize the session and had tentatively suggested holding it in Korea.

New Business

None.

Closing

The group expressed thanks to Brian Kiernan, with applause, for chairing TGm as well as TGa and TGe beforehand. Roger thanked Ron Murias and his spouse, Myra, for excellent hosting of the meeting. Lei Wang was recognized for bringing the 802.16 flag.

Motion (17:58): *"To adjourn"*
Moved by Brian Kiernan; seconded by Lei Wang.
Motion passed by unanimous consent.

Registration List: IEEE 802.16 Session #73

Update: 2011-05-24

76 attendees registered and/or in the attendance logs, including 72 with "participation" credit

Participation Credit	Name\Family	Name\Given	Affiliation	City	State\Province	Country/ Admin
Yes	Agiwal	Anil	Samsung Electronics	Bangalore		India
Yes	Al-Kanani	Hassan	NEC	London		UK
Yes	Barber	Phillip	Huawei Technologies Co., LTD.	Plano	TX	USA
Yes	Bratspiess	Inbar	Sequans Communications SA	Tel Aviv		Israel
Yes	Cha	Jaesun	ETRI	Daejeon		Korea
Yes	Chang	Kim	Huawei Technologies			
Yes	Chang	Sung-Cheol	ETRI	Daejeon		Korea
Yes	Chien	Chun-Che	Institute for information industry	Taipei City		Taiwan
Yes	Choi	Jinsoo	LG Electronics			Korea
Yes	Choi	Yong Seouk	ETRI	Daejeon		Korea
Yes	Chou	Joey	Intel	Chandler	AZ	USA
Yes	Colban	Erik	Huawei Technologies	San Diego	CA	USA
Yes	Cummings	George	Huawei	Gilbert	AZ	USA
Yes	Fang	Yu-Chuan	ITRI	Chutung Hsinchu	Taiwan	Taiwan
Yes	Gal	Dan	Alcatel-Lucent	Morris Plains	NJ	USA
Yes	Godfrey	Tim	EPRI			
No	Hadad	Zion	Runcom	Rishon Le Zion		Israel
Yes	Hoang	Anh	Institute for Infocomm Research			
Yes	Hoang	Dien	NICT			
Yes	Hsieh	Yu-Tao	ITRI	Hsinchu		Taiwan
Yes	Hsu	Chun-Yen	Institute for Information Industry	Taipei	NIL	Taiwan
Yes	Huang	Rui	Intel			
Yes	Imata	Satoshi	KDDI R&D Laboratories Inc.			Japan
Yes	Jan	Yih Guang	Electrical Engineering	Taipei		Taiwan
Yes	Juang	Rong-Terng	ITRI	Hsinchu		Taiwan
Yes	Jung	Inuk	LG Electronics	Anyang	Gyongkido	Korea
Yes	Jung	Soojung	ETRI			Korea
Yes	Kang	Hyunjeong	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Kanzaki	Hajime	Hitachi, Ltd.	Kokubunji-shi	Tokyo	Japan
Yes	Kiernan	Brian	InterDigital Communications, LLC	King of Prussia	PA	USA
Yes	Kim	Eunkyung	ETRI	Daejeon	Daejeon	Korea
Yes	Kim	Hokyung	SAMSUNG ELECTRONICS			
Yes	Kim	Jeongki	LG Electronics	Anyang-Shi	Gyeonggi-do	Korea
Yes	Kim	Namgi	KYONGGI UNIV	Suwon	Kyounggi	Korea
Yes	Kim	Seokki	ETRI	Daejeon	Daejeon	Korea
Yes	Kuo	Ping-Heng	ITRI			Taiwan
Yes	Kwak	Jin-Sam	LG Electronics	Anyang	Gyeonggi-do	Korea
Yes	Kwon	Soon Yil	LG ELECTRONICS	Seoul	Seoul	Korea
Yes	Lee	Hyun	ETRI	Daejeon		Korea
Yes	Lee	Jin	LG Electronics	Anyang	Kyungki	Korea
Yes	Lee	Yang-Han	TamKang University	Taipei	Taipei	Taiwan
Yes	Li	Honggang	Intel	Beijing		China, Peoples Rep
Yes	Lin	Yi-Ting	Institute for information industry	Taipei		Taiwan

Yes	Liru	Lu	NICT	Singapore	Singapore	Singapore
Yes	Marks	Roger	Consensii LLC	Denver	CO	USA
Yes	Mohanty	Shantidev	Intel corporation			USA
Yes	Moon	Jang-Won	ETRI			
Yes	Murias	Ronald	InterDigital	Calgary	AB	Canada
Yes	Oodo	Masayuki	NICT	Yokosuka	Kanagawa	Japan
Yes	Park	Giwon	LG Electronics	Anyang-Shi	Gyeonggi-do	Korea
Yes	Park	Jisoo	ETRI	Daejeon	-	Korea
Yes	Park	Youn Ok	ETRI	Daejeon	Chungcheongnam-do	Korea
Yes	Pathmasuntharam	Jaya Shankar	Institute for Infocomm Research	Singapore		Singapore
No	Perkins	Charles	Tellabs			
Yes	Ryu	Kiseon	LG Electronics			Korea
Yes	Shono	Takashi	Intel Corporation	Tokyo	Tokyo	Japan
Yes	Son	Yeongmoon	Samsung Electronics	Suwon	Kyeonggi-do	Korea
Yes	Tao	Ming-Hung	ITRI	HsinChu		Taiwan
No	Taori	Rakesh	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Tarradell	Marta	Intel Coporation			
Yes	Teo	Joseph	Institute for Infocomm Research	Singapore	Singapore	Singapore
Yes	Triglia	Alessandro	OSS Nokalva			Italy
Yes	Tsai	Chang-Lan	ITRI	Hsinchu	Taiwan	Taiwan
Yes	Tsai	Chia-Lung	ITRI	Hsinchu		Taiwan
Yes	Tsai	Tsung-Yu	Institute for information industry	Taipei City		Taiwan
Yes	Tseng	Hsien-Wei	De Lin Institute of Technology	Taipei		Taiwan
Yes	Wang	Haiguang	Institute for Infocomm Research			Singapore
Yes	Wang	Lei	InterDigital Communications, LLC	San Diego	CA	USA
No	Ward	Lisa	Rohde & Schwarz	Portland	OR	USA
Yes	Yeow	Wai-Leong	Institute for Infocomm Research			
Yes	Zein	Nader	NEC	London		UK
Yes	Zeira	Eldad	InterDigital Communications LLC	Melville	NY	USA
Yes	Zhang	Xin	NICT	Singapore	Singapore	Singapore
Yes	Zheng	Yan-Xiu	ITRI			Taiwan
Yes	Zhou	Lei	China Samsung Telecom R&D Center	Beijing		China
Yes	Zhou	Ming-Tuo	NICT	Singapore		Singapore

+Invalid affiliation disclosure. Accordingly, no participation credit granted.

++Invalid affiliation disclosure, and attendance requirement unmet.

*Organizational attendee related to WirelessMAN-Advanced
Transposing Organizations (WATO) meeting.

Note 1: Participation Credit field is tentative, depending on affiliation disclosure, attendance confirmation, etc.

Note 2: Affiliation per the "Affiliation" field on the attendance log form, or subsequent update. "Affiliation" is defined according to the IEEE-SA affiliation disclosure requirements. Note in particular:

11. What if I refuse to disclose my affiliation?
As outlined in IEEE-SA governance documents, you will lose certain rights. In a working group where voting rights are gained through attendance, no attendance credit will be granted if affiliation isn't declared. Similarly, voting rights are to be removed if affiliation isn't declared.

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