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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 #67</b>	
Date Submitted	<b>20 May 2010</b>	
Source	Scott Probasco Nokia, Inc.	Voice: 1-469-939-9378 <a href="mailto:scott.probasco@nokia.com">scott.probasco@nokia.com</a>
Abstract	IEEE 802.16 Session #67 Minutes (Bangalore, India)	
Purpose	To record the minutes of the IEEE 802.16 Working Group Opening and Closing Plenary meetings at Session #67. For approval at Session #68.	
Release	The contributor is familiar with the IEEE-SA Copyright Policy < <a href="http://standards.ieee.org/IPR/copyrightpolicy.html">http://standards.ieee.org/IPR/copyrightpolicy.html</a> >.	
Patent Policy and Procedures	The contributor is familiar with the IEEE-SA Patent Policy and Procedures: < <a href="http://standards.ieee.org/guides/bylaws/sect6-7.html#6">http://standards.ieee.org/guides/bylaws/sect6-7.html#6</a> > and < <a href="http://standards.ieee.org/guides/opman/sect6.html#6.3">http://standards.ieee.org/guides/opman/sect6.html#6.3</a> >. Further information is located at < <a href="http://standards.ieee.org/board/pat/pat-material.html">http://standards.ieee.org/board/pat/pat-material.html</a> > and < <a href="http://standards.ieee.org/board/pat">http://standards.ieee.org/board/pat</a> >.	

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## Minutes of IEEE 802.16 Session #67

*IEEE 802.16 Working Group  
Bangalore, India  
May 10 - 13, 2010*

### IEEE 802.16 Session #67 Opening Plenary Meeting

Monday, May 10, 2010, 14:05 – 15:47 hours.

#### Opening

The Working Group (WG) meeting was called to order by Dr. Roger Marks at 14:05 hours local time. He welcomed the attendees to Session #67 of the IEEE 802.16 WG. Roger provided the URL for the local 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). Vice Chair Jose Puthenkulam and Secretary Scott Probasco introduced themselves. Treasurer Scott Migaldi was introduced in absence. The Chair invited people to get acquainted with each other during the week and indicated that the members will be happy to assist the new attendees.

Klutto Milleth on behalf of host CEWiT welcomed the members to Session #67, welcomed them to Bangalore and provided information to the Members.

#### Welcome Message

Professor P.V. Indiresan, Chair of the Governing Council of CEWIT, addressed the members and wished them success.

#### Membership and Voting

The Chair described types of Membership in the WG as well as the rights and obligations of Membership in the WG. At the beginning of the Session there were 300 Members (<<http://ieee802.org/16/members.html>>) of the WG. Potential Members (<[http://ieee802.org/16/members\\_pot.html](http://ieee802.org/16/members_pot.html)>), Members in Peril (<[http://ieee802.org/16/members\\_peril.html](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 a Voting Token was printed on their registration badge.

The attendees were informed that acquiring and retaining Membership (reference <<http://ieee802.org/16/membership.html>>) in the WG depends on logging attendance correctly in the IEEE Automated Meeting Attendance Tool (“IMAT”). The Chair demonstrated the method of registering in the IMAT system. 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 “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 24 of the 32 possible credit hours in the IMAT attendance system in order to ensure “Participation” status for Session #67 of IEEE 802.16 WG. The Chair noted that attendance credit will be granted to 802.16 Members for participation in IEEE 802.21.

#### Approvals

The Chair reviewed the agenda and asked for comments or concerns. Adjustments were made to the agenda. The Opening Plenary Meeting agenda was approved by unanimous consent as presented (reference <<http://ieee802.org/16/meetings/mtg67/opening.html>>).

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

**Motion** (14:35 h): “To approve the Minutes of Session #66 (IEEE 802.16-10/0034).”

Moved by Brian Kiernan, seconded by Lei Wang.

Motion approved by unanimous consent.

## Working Group Reports and Issues

The Chair displayed the Chair's Opening Plenary Presentation Slides, *IEEE 802.16-10/0036r1*. He reviewed the IEEE-SA affiliation disclosure requirements (reference <<http://standards.ieee.org/faqs/affiliationFAQ.html>>) and again reminded the WG attendees to accurately complete the affiliation field. The Chair reviewed the "Ethics policy" (see updated reference <<http://www.ieee.org/about/whatis/code.html>>).

The Chair displayed the patent policy materials (reference <<http://standards.ieee.org/board/pat/pat-material.html>>) and presented Slides 1-4 from <<http://standards.ieee.org/board/pat/pat-slideset.pdf>>. He then presented Slide 0. The Chair asked if there were any questions, if anyone wanted to speak, and provided an opportunity for responses. No questions or responses were received. The Chair reminded the group that Letters of Assurance are available at the IEEE-SA web site. A database of LoAs (Letters of Assurances) related to IEEE 802.16 is available at <[http://standards.ieee.org/db/patents/pat802\\_16.html](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 contribution coversheet used in 802.16 WG was adjusted on April 22, 2010 to incorporate the new Copyright policy from IEEE-SA.

The Chair discussed the IEEE 802 Policies and Procedures, explained the role and responsibilities of the Chair and explained the issue of WG Domination.

IEEE Std IEEE Std 802.16.2-2004 has been reaffirmed on March 25, 2010, for 5 years. P802.16h has completed Sponsor Ballot, and is on the RevCom agenda for June 16, 2010.

The WG has one active standardization project in development, P802.16m, and a second standardization project awaiting NesCom action on June 16, P802.16n.

The Chair reviewed the summary report <<http://wirelessman.org/meetings/mtg66/report.html>> of Session #66. He also noted the Session #67 Document Guide and the Session #67 Schedule for the week, both of which were accessible from the local server at the meeting.

A WG Chair's "Open Office" will be held Monday 7:00 – 8:00 PM. Attendees are welcomed to meet and talk with the Chair and other WG officials.

## Maintenance Task Group Report

Jon Labs presented the report *IEEE 802.16maint-10/0009*. Jon noted that any maintenance comments in LB#31a will be addressed in the Maintenance Task Group for resolution. The database containing the accepted maintenance change request comments is in IEEE 802.16maint-09/0007r7. The Reaffirmation Ballot on IEEE Std 802.16.2-2004 was approved on March 25, 2010. This standard has been reaffirmed for another 5 years.

## TGm Report

Brian Kiernan presented the report *IEEE 802.16m-10/0013r1*. Brian discussed the results of WG Letter Ballot #31a. The plan for the week was discussed, including an objective to conduct LB#31b as a confirmation ballot after this Session. The calendar for breakout sessions, the agenda and room allocations were reviewed.

## Project Planning Ad Hoc Committee

Jose Puthenkulam presented the report *IEEE 802.16ppc-10/0004*. Jose reviewed the development and current status of the machine-to-machine (M2M) study report and related PAR development. The intent is to complete the study report in this Session (not to be submitted for WG approval) and to complete the PAR and 5C, *IEEE 802.16ppc-10/0003r3*, in this Session (shall be submitted for WG approval). A joint session with the GRIDMAN SG is scheduled, the goal is to make sure there is no overlap in the two PARs. Mr. Kiernan commented that NIST and ETSI are also working on M2M, and that differences exist among the architecture plans in the study report, NIST and ETSI.

## GRIDMAN Study Group

Tim Godfrey presented the report *IEEE 802.16gman-10/0017r1*. NESCO approval of the P802.16n PAR is expected on June 16. A Call for Contributions on 802.16n System Requirements was issued on April 15. In this session, the SG will focus on developing an outline of the 802.16n System Requirements Document. The draft agenda for the study group was reviewed.

## Liaison

### ITU Liaison Group

Reza Arefi presented the report *IEEE L802.16-10/0046*. Reza reviewed relevant documents for the session, input documents, proposed objectives (including preparation for 2nd IMT-Advanced Evaluation Group Coordination Meeting of 17 May), the agenda for the week and the meeting schedule including room assignment.

Brian Kiernan asked if there is a plan to provide ongoing updates to IMT-Advanced, as has been done for M.1457. The Chair noted that if updated information is available from the WG it can be provided as updates to the ITU, observing that the detailed update process for IMT-Advanced has not yet been determined within ITU.

## Charge to Task Groups, Schedule for the week

The Chair reaffirmed that there were no changes to the room assignments.

## Future Sessions

- Session #68 (Plenary): 12-15 July 2010 in San Diego, California, USA with IEEE 802 Plenary Session.
- Session #68.5 (Interim): Planning is underway for a Special Interim. Currently it is anticipated that only TGm will meet during this special interim meeting. More details expected at the closing plenary of this Session #67.
- Session #69: (Interim): 13-16 September 2010 in St. Petersburg, Russia, hosted by Yota and by Intel Russia. Member Host: Alexander Maltsev.
- Session #70 (Plenary): 8-11 November 2010 in Dallas, Texas, USA with IEEE 802 Plenary Session.
- Session #71 (Interim): 10-13 January 2011 in Taipei.
- Session #72 (Plenary): 14-17 March 2011 in Singapore with IEEE 802 Plenary Session.
- Session #73 (Interim): 16-19 May 2011 in Banff, Alberta, Canada.
- Session #74 (Plenary): 18-21 July 2011 in San Francisco, California, USA with IEEE 802 Plenary Session.
- Session #75 (Interim): 19-22 September 2011: Interim Session; site to be determined by Session #70. Proposals solicited; please see IEEE 802.16 Interim Session Guidelines.
- Session #76 (Plenary): 7-10 Nov 2011 in Atlanta, Georgia, USA with IEEE 802 Plenary Session

## New Business

There was no New Business.

## Closing

Brian Kiernan announced that TGm will meet 30 min earlier than planned (4:30 PM) due to the early completion of the Opening Plenary.

**Motion (15.47):** *“To adjourn the Opening Plenary”*

Moved by Lei Wang, seconded by Jon Labs  
Motion approved by unanimous consent.

## IEEE 802.16 Session #66 Closing Plenary Meeting

Thursday, May 13, 2010, 17:12 – 19:40

### Opening

The Chair of the 802.16 WG called the meeting to order at 17:12 hours local time. He welcomed the attendees and reviewed the draft Closing Plenary agenda (reference <<http://ieee802.org/16/meetings/mtg66/closing.html>>).

The Chair reminded the attendees of the patent policy and asked if anyone needed to have a review of the details. No request was made, and the meeting proceeded.

### Approvals

As there were no changes to the agenda, it was approved as written.

### Session #67 Issues

The Chair introduced Kiran Kuchi from CEWiT and thanked CEWiT for hosting a successful meeting. Kiran addressed the meeting and thanked the attendees for coming. He provided information and advice about local travel issues.

### Maintenance Task Group

Jon Labs presented the report *IEEE 802.16maint-10/0012r1*. The maintenance comments from LB#31a were resolved. A new version of the Maintenance database was created in IEEE 802.16maint-09/0007r8.

### TGm

Brian Kiernan presented the report *IEEE 802.16m-10/0016*. All comments from LB#31a were resolved. The resolutions were recorded in *IEEE 802.16-10/0035r2*. The current ballot status was reviewed.

**Motion** (17:48): *“Request that the WG initiate a WG LB #31b recirculation on P802.16m/D6, based on P802.16m/D5 as modified by the comment resolutions contained in 802.16-10/0035r2, to start by May 25, 2010 and that the WG Chair request Conditional Approval to forward P802.16m for Sponsor Ballot”*

There was discussion that there are two possibilities that could prevent moving to Sponsor Ballot. First, not getting conditional approval from 802 EC, and second, having problematic responses in the confirmation recirculation ballot. Brian noted that TGm discussed that the ideal recirculation ballot result is to receive no comments. Any comments could then be directed to the Sponsor Ballot and be addressed at Session #68.

An editorial meeting was scheduled to complete the package requesting conditional approval.

The motion recorded above was moved by Brian Kiernan, seconded by Mark Cudac.  
Approve: 81. Disapprove: 0. Abstain: 0. Motion carried.

**Motion** (17:50): *“To authorize the creation of a Ballot Resolution Committee, consisting of the WG Chair, TGm Chair and TGm Editor, to resolve any comments received during recirculation ballot #31b, provided such resolutions result in no changes to the Draft, or else to extend the recirculation deadline (to June 30, 2010), as appropriate.”*

Moved by Brian Kiernan, seconded by Rakesh Taori.

Motion approved by unanimous consent.

A list of LB #31 disapprove voters was presented by TGm Secretary Hokyu Choi.

### GRIDMAN Study Group

Tim Godfrey presented the report *IEEE 802.16gman-10/0020*. Key requirements have been collected in C802.16gman-10/0019r1. Also the key requirements have been included into the draft SRD Outline document, C802.16gman-10/0022.

## WG Project Planning Ad Hoc

Jose Puthenkulam presented the report *IEEE 802.16ppc-10/0005r1*. A M2M Study Report and related PAR & 5C have been drafted. A joint meeting was held with the GRIDMAN SG to discuss potential areas of overlap. A Project Planning Map was created.

**Motion** (18:50): *“To approve the 802.16ppc-10/0003r5 as the M2M PAR & 5C and authorize the WG chair to submit it for 802 EC approval.”*

There was discussion on the scope of the PAR & 5C, and the document was revised to version r5 during the discussion.

Moved by Jose Puthenkulam, seconded by Kirsten Johnsson.  
Approve: 16. Disapprove: 7. Abstain: 0. Motion does not carry.

## Liaison

### ITU-R Liaison Group

Reza Arefi presented the report *IEEE L802.16-10/0057r1*.

**Motion** (19:02): *“To approve the following documents and authorize the WG Chair to forward them to their respective recipients subject to any editorial corrections including additions to the cc list.*

- *IEEE L802.16-10/0049 – IMT-2000 OFDMA TDD WMAN Submission toward Revision 10 of Recommendation ITU-R M.1457*
- *IEEE L802.16-10/0051 - Proposed Structure and Timeline of Recommendation ITU-R M.[IMT.RSPEC]*
- *IEEE L802.16-10/0052 - Proposed Structure and Timeline of Recommendation ITU-R M.[IMT.RSPEC]*
- *IEEE L802.16-10/0053 - Proposed Structure and Timeline of Recommendation ITU-R M.[IMT.RSPEC]*
- *IEEE L802.16-10/0050 – Letter of conveyance with regard to intent on submitted materials to ITU-R in relation to the global core specifications, transposed standards references, and Recommendation ITU-R M.1457”*

Moved by Reza Arefi, seconded by Brian Kiernan.  
Approve: 30. Disapprove: 0. Abstain: 0. Motion carried.

**Motion** (19:04): *“To approve the following documents and authorize the WG Chair to forward them to 802.18 for appropriate 802 approval subject to any editorial corrections.*

- *IEEE L802.16-10/0048r1 – Proposed Structure and Timeline of Recommendation ITU-R M.[IMT.RSPEC]*
- *IEEE L802.16-10/0054 - On roadmap for updates of Recommendation ITU-R M.1457”*

Moved by Reza Arefi, seconded by Takashi Shono.  
Approve: 28. Disapprove: 0. Abstain: 0. Motion carried.

**Motion** (19:06): *“To authorize the WG Chair to prepare a contribution to ITU-R WP 5D, using the following document and subject to any editorial corrections, reporting on the 2nd IMT-Advanced EG Coordination Meeting and submit it for 802.18 TAG review and appropriate 802 approval.”*

- *IEEE L802.16-10/0055 – Report of second IEEE 802.16 IMT-Advanced Evaluation Group Coordination Meeting*

Moved by Reza Arefi, seconded by Ron Murias  
Motion carried by unanimous consent.

**Motion** (19:07): *“To approve the following document and authorize the WG Chair to assign it for presentation on behalf of the WG at the 2nd IMT-Advanced EG Coordination Meeting (17 May 2010) subject to any editorial corrections.”*

- *IEEE L802.16-10/0047 – Update on IEEE WirelessMAN-Advanced*

Moved by Reza Arefi, seconded by Mohammed Madhian  
Motion carried unanimous consent.

## 802.21 Report

Phil Barber presented the report *IEEE L802.16-10/0058*. The current work in 802.21 was reviewed and the current work in 802.16 was reviewed. It was discussed that further work may be needed to complete support of 802.21-2009 in 802.16m. Other issues of potential interest to 802.16m Members were identified.

## Future Sessions

<http://iee802.org/16/calendar.html>

Session #68 (Plenary): 12-15 July 2010 in San Diego, California, USA with IEEE 802 Plenary Session.

Session #68.5 (Interim): Special Interim, TGM only. 16-19 August 2010. The Chair would like to hear from any interested sponsors. This meeting will close by 5:00 PM on Thursday.

**Decision:** Approved without objection that TGM will meet August 16-19 2010, in Calgary, Canada. More information will be shared over the email reflector.

Session #69 (Interim): 13-16 September 2010 in St. Petersburg, Russia, hosted by Yota and by Intel Russia. Member Host: Alexander Maltsev.

Session #70 (Plenary): 8-11 November 2010 in Dallas, Texas, USA with IEEE 802 Plenary Session.

Session #71 (Interim): 10-13 January 2011 in Taipei.

Session #72 (Plenary): 14-17 March 2011 in Singapore with IEEE 802 Plenary Session.

Session #73 (Interim): 16-19 May 2011 in Banff, Canada.

Session #74 (Plenary): 18-21 July 2011 in San Francisco, California, USA with IEEE 802 Plenary Session.

Session #75 (Interim): 19-22 September 2011 site to be determined no later than Session #70. Proposals solicited; please see IEEE 802.16 Interim Session Guidelines.

Session #76 (Plenary): 7-10 Nov 2011 in Atlanta, Georgia, USA with IEEE 802 Plenary Session.

## Publicity

The Chair will prepare the Session #67 Report.

## WG Issues

### Editor's Meeting:

Will be held 9:00 – 12:00 on Friday.

## New Business

Scott Probasco discussed an ASN.1 tutorial in a future session. During the TGM closing plenary, 20 people responded positively to a straw poll asking if who would like to participate in an ASN.1 tutorial in the July session. The Chair commented that this is sufficient indication of interest to proceed with planning a tutorial.

Rakesh Taori proposed to re-visit the PAR discussion from the Project Planning report. This was accepted without objection.

**Motion** (19:26): *“To submit the 802.16ppc-10/0003r6 as the M2M PAR & 5C for 802 EC approval, subject to confirmation by the WG of the final PAR at Session #68.”*

Moved by Rakesh Taori, seconded by Kirsten Johnsson.



Approve: 38. Disapprove: 0. Abstain: 0. Motion carried.

Reza Arefi noted that the ITU Liaison Group, while discussing the WP 5D workshop on “IMT for the next decade”, recommends the following two items:

- 1) A contribution towards the above workshop, with input from PPC, be developed at the July 2010 meeting
- 2) WG Chair to request a tutorial slot for the July 2010 meeting on the above subject with the aim of informing other 802 groups of importance of this activity and the 802.16 plans to address this new work just started in 5D that will lead to development of IMT.UPDATE and possibly other documentation.

## Closing

**Motion** (19:40 h): *“To adjourn.”*

Moved by Jon Labs, seconded by Ron Murias.

Motion approved by unanimous consent.

## Registration List: IEEE 802.16 Session #67

Updated 2010-05-21 (MT)

136 attendees registered and/or in the attendance logs, including at least 136 with "participation" credit

Participation Credit	Name\Family	Name \Given	<u>Affiliation</u> *	City	State\Province	Country/Admin
Yes	Agiwal	Anil	Samsung Electronics	Bangalore		India
Yes	Ahmadi	Sassan	Intel Corporation	Hillsboro	OR	USA
Yes	Al-Kanani	Hassan	NEC Corporation	London		UK
Yes	Andelman	Dov	Intel Corporation	Tel Aviv	-	Israel
Yes	Arefi	Reza	Intel Corporation	Hillsboro	OR	USA
Yes	Baek	Youngkyo	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Barber	Phillip	Huawei Technologies Co., Ltd.	Plano	TX	USA
Yes	Cai	Sean	ZTE Corporation	San Diego	CA	USA
Yes	Cha	Jaesun	Electronics and Telecommunications Research Institute (ETRI)	Daejeon		Korea
Yes	Chang	Kim	Huawei Technologies Co., Ltd.			
Yes	Chang	Sung-Cheol	Electronics and Telecommunications Research Institute (ETRI)	Daejeon		Korea
Yes	Chen	Chiu-Wen	Institute for Information Industry	Taipei		Taiwan
Yes	Chen	Yuqin	ZTE Corporation	Shenzhen	Guangdong	China
Yes	Cheng	Shih-Yuan	National Ilan University	I-Lan		Taiwan
Yes	Chien	Chun-Che	Institute for Information Industry	Taipei City		Taiwan
Yes	Chiou	Sheng-Lun	Institute for Information Industry			
Yes	Chiu	Chun-Yuan	ITRI	Hsin-Chu	Taiwan	Taiwan

Yes	Cho	HanGyu	LG ELECTRONICS	Seoul		Korea
Yes	Cho	Jaeweon	Samsung Electronics	Suwon	Gyeonggi	Korea
Yes	Cho	Youngbo	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Yes	Choi	Hokyu	Samsung Electronics	Sungnam-Shi	Gyeonggi-do	Korea
Yes	Choi	Jinsoo	LG ELECTRONICS			Korea
Yes	Choi	Yang-Seok	Intel Corporation	Hillsboro	OR	USA
Yes	Chou	Chao-Chin	MediaTek Inc.	Hsinchu		Taiwan
Yes	Chou	Joey	Intel Corporation	Chandler	AZ	USA
Yes	Chun	Jin Young	LG ELECTRONICS	Anyang	Gyeonggi-do	Korea
Yes	Cudak	Mark	Motorola, Inc.	Arlington Heights, IL 60004	IL	USA
Yes	Davydov	Alexey	Intel Corporation	Nizhny Novgorod		Russia
Yes	Fan	Linghang	NEC	London		UK
Yes	Fang	Huiying	ZTE Corporation	Shenzhen	Guangdong	China
Yes	Fang	Yu-Chuan	Industrial Technology Research Institute	Chutung Hsinchu	Taiwan	Taiwan
Yes	Fu	I-Kang	MediaTek Inc.	Hsinchu		Taiwan
Yes	Fwu	Jong-Kae (JK)	Intel Corporation	Santa Clara	CA	USA
Yes	Gal	Dan	ALCATEL-LUCENT	Morris Plains	NJ	USA
Yes	Ghasemi	Amir	Communications Research Centre, Canada	Ottawa	Ontario	Canada
Yes	Godfrey	Tim	Electric Power Research Institute, Inc. (EPRI)			
Yes	Guan	Yanfeng	ZTE Corporation	Shenzhen		China
Yes	Gundlach	Michael	Nokia Siemens Networks	Munich		Germany
Yes	Hsieh	Yu-Tao	ITRI	Hsinchu		Taiwan
Yes	Hsuan	Yi	Intel Corporation	Santa Clara	CA	USA
Yes	Huang	Lei	Panasonic			Singapore
Yes	Ikeda	Tetsu	NEC Corporation	Kawasaki		Japan

Yes	Imata	Satoshi	KDDI R and D Laboratories Inc.			Japan
Yes	Jang	Jaehyuk	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Yes	Jang	Yong-Up	KAIST	Daejeon	Daejeon	KR
Yes	Jee	Junghoon	Electronics and Telecommunications Research Institute (ETRI)	Daejeon	Chungcheongnam-do	Korea
Yes	Johnsson	Kerstin	Intel Corporation	Santa Clara	CA	USA
Yes	Josiam	Kaushik	Samsung Electronics	Richardson	Texas	USA
Yes	Juang	Rong-Terng	Industrial Technology Research Institute	Hsinchu		Taiwan
Yes	Julka	Vibhor	Huawei Technologies Co., Ltd.			
Yes	Jung	Inuk	LG ELECTRONICS	Anyang	Gyeongkido	Korea
Yes	Jung	Soojung	Electronics and Telecommunications Research Institute (ETRI)			Korea
Yes	Kang	Heewon	Samsung Electronics			Korea
Yes	Kang	Hyunjeong	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Kang	Minsuk	KAIST	Taejon	Taejon	Korea
Yes	Kanzaki	Hajime	Hitachi Ltd.	Kokubunji-shi	Tokyo	Japan
Yes	Kapadia	Prateek	TICET			India
Yes	Karandikar	Abhay	IIT Bombay			
Yes	Khojastepour	Mohammad	NEC Laboratories America, Inc.	Princeton	NJ	USA
Yes	Khoryaev	Alexey	Intel Corporation	Nizhny Novgorod		Russia
Yes	Kiernan	Brian	InterDigital Communications, LLC	King of Prussia	PA	USA
Yes	Kim	EunKyo	TTA	Sungnam-city	Gyeonggi-do	KR

Yes	Kim	Eunkyung	Electronics and Telecommunications Research Institute (ETRI)	Daejeon	Daejeon	Korea
Yes	Kim	Hokyung	Samsung Electronics			
Yes	Kim	Namgi	Kyonggi University	suwon	Kyounggi	Korea
Yes	Kim	Ronny (Yong-Ho)	LG ELECTRONICS	Anyang-shi	Gyeonggi-do	Korea
Yes	Kim	Sangheon	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Kim	Taeyoung	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Klutto Milleth	J.	CEWiT	Chennai	Tamilnadu	India
Yes	Koc	Ali	Intel Corporation			USA
Yes	Kuchi	Kiran Kumar	CEWiT	Chennai	Jeollanam-do	India
Yes	Kuo	Ping-Heng	ITRI			Taiwan
Yes	Kwak	Jin-Sam	LG ELECTRONICS	Anyang	Gyeonggi-do	Korea
Yes	Labs	Jonathan	Wavesat, Inc.	Dorval	PQ	Canada
Yes	Lee	Eunjong	LG ELECTRONICS	Anyang	Gyeonggi-do	Korea
Yes	Lee	Jin	LG ELECTRONICS	Anyang	Kyungki	Korea
Yes	Lee	Wookbong	LG ELECTRONICS			Korea
Yes	Liao	Pei-Kai	MediaTek Inc.			Taiwan
Yes	Lin	Hsin-Piao	National Taipei University of Technology	Taipei		Taiwan
Yes	Lin	Yi-Ting	Institute for Information Industry	Taipei		Taiwan
Yes	Lin	Yu-Chan	National Ilan University	Ilan	Taiwan	TW
Yes	Liu	Yang	ZTE Corporation	Shenzhen	Guangdong	China
Yes	Lv	Kaiying	ZTE Corporation	xi'an	shannxi	China
Yes	Madihian	Mohammad	MEDIWAVE LLC		NJ	USA
Yes	Maeder	Andreas	NEC Corporation	Heidelberg	DE	Germany
Yes	Maltsev	Alexander	Intel Corporation			Russia
Yes	Mao	Ronald	Huawei Technologies Co., Ltd.	San Diego	CA	USA
Yes	Marks	Roger	WiMAX Forum	Denver	CO	USA
Yes	Marque-Pucheu	Gerard	EADS			France

Yes	Mohanty	Shantidev	Intel corporation			USA
Yes	Murias	Ronald	InterDigital Communications, LLC	Calgary	AB	Canada
Yes	Nigam	Anshuman	Samsung Electronics	Bangalore		India
Yes	Oh	Min-Seok	LG ELECTRONICS	Anyang	Kyonggi	Korea
Yes	Oizumi	Toru	Panasonic Corporation			
Yes	Park	Jeongho	Samsung Electronics	Suwon	Gyunggi-Do	Korea
Yes	Pathmasuntharam	Jaya Shankar	Institute for Infocomm Research	Singapore		Singapore
Yes	Probasco	Scott	Nokia	Irving	TX	USA
Yes	Puthenkulam	Jose	Intel Corporation	Hillsboro	OR	USA
No+	Raghavamma	Gopavarapu	WG802.16			
Yes	Ramakrishna	Sudhir	Samsung Electronics	Richardson	TX	USA
Yes	Ryu	Kiseon	LG ELECTRONICS			Korea
Yes	Sayeedi	Shahab	Motorola, Inc.	Arlington Heights	IL	USA
Yes	Schumacher	Joseph	Motorola, Inc.	Arlington Heights	IL	USA
Yes	Scott	Bancroft	OSS Nokalva, Inc.	Somerset	NJ	US
Yes	Selva	Bruno	Thales			
Yes	Seol	Ji-Yun	Samsung Electronics	SeongNam-si	Gyeonggi-do	Korea
Yes	Shekalim	Peretz	Runcom Technologies LTD.	Rishon Lezion	Rishon Lezion	Israel
Yes	Sheynkman	Peter	RuggedCom, Inc.			
Yes	Shin	Wooram	Electronics and Telecommunications Research Institute (ETRI)	Daejeon	Chungcheongnam-do	Korea
Yes	Shono	Takashi	Intel Corporation	Tokyo	Tokyo	Japan
Yes	Son	Jung Je	Samsung Electronics	Seoul	Gyeonggi-do	Korea
Yes	Srinivasan	Roshni	Intel Corporation	Santa Clara	CA	USA
Yes	Sun	Bo	ZTE Corporation			China
Yes	Talwar	Shilpa	Intel Corporation	Santa Clara	CA	USA

Yes	Tao	Ming-Hung	Industrial Technology Research Institute	HsinChu		Taiwan
Yes	Taori	Rakesh	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Ting	Pangan	ITRI			Taiwan
Yes	Tsai	Chang-Lan	ITRI	Hsinchu	Taiwan	Taiwan
Yes	Tsai	Tsung-Yu	Institute for Information Industry	Taipei City		Taiwan
Yes	Tzavidas	Stavros	Motorola, Inc.	Arlington Heights	Illinois	USA
Yes	Vannithamby	Rath	Intel Corporation	Hillsboro	OR	USA
Yes	Venkatachalam	Muthaiah	Intel Corporation	Beaverton	OR	USA
Yes	Wang	Hai	Samsung Electronics	Beijing		China
Yes	Wang	Lei	InterDigital Communications, LLC	San Diego	CA	USA
Yes	Wang	Shao-Cheng	Intel Corporation	hillsboro	or	US
Yes	Won	Jonghyun	Samsung Electronics			Korea
Yes	Xie	Feng	ZTE Corporation			China
Yes	Yang	Rongzhen	Intel Corporation	Shanghai	Shanghai	China
Yes	Yanover	Vladimir	Alvarion	Tel-Aviv	N/A	Israel
Yes	Yu	Hyunkyu	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Yes	Yuk	Young Soo	LG ELECTRONICS	Anyang	Gyeonggi-do	Korea
Yes	Zein	Nader	NEC Corporation	London		UK
Yes	Zeira	Eldad	InterDigital Communications, LLC	Melville	NY	USA
Yes	Zhang	Lei	ZTE Corporation	Shenzhen		China
Yes	Zheng	Yan-Xiu	ITRI International Inc.			Taiwan
Yes	Zhou	Lei	Samsung Electronics	Beijing		China

\* **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.*

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

++Invalid affiliation disclosure, and attendance requirement unmet.

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

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