
Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >
Title	Minutes of IEEE 802.16 Session #63.5
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Source(s)	Herbert M. Ruck Voice: 001-817-475-7248 Cisco Systems, Inc. herruck@cisco.com
Abstract	IEEE 802.16 Session #63.5 Minutes (Waikoloa, Hawaii, USA)
Purpose	To record the minutes of the IEEE 802.16 Working Group Opening and Closing Plenary meetings at Session #63.5. For approval at Session #64.
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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 #63.5

IEEE 802.16 Working Group

Waikoloa, Hawaii, USA

21 – 24 September 2009

IEEE 802.16 Session #63.5 Opening Plenary Meeting

21 September, 2009

Call to Order

The meeting was called to order by the Working Group (WG) Chair Roger Marks at 1:20 PM local time. He welcomed the attendees to Session #63.5 of the IEEE 802.16 WG. Roger provided the URL <<http://lan.wirelessman.org>> for the opening plenary agenda <http://iee802.org/16/meetings/mtg635/opening.html> and the welcome page that provided the links to the upload facilities, attendance, etc. Roger introduced himself as Chair of the Working Group (WG). Vice Chair Jose Puthenkulam and Secretary Herbert Ruck introduced themselves. Roger introduced the WG's fourth officer present, Treasurer Scott Migaldi. 154 people had registered for 802.16 as primary interest.

Logistics, Registration

Roger outlined the networking, the logistical, and the registration issues.

Security: Keep your personal belongings secure at all times. All attendees must have their name badges clearly visible while on the meeting floors, for all refreshment breaks, and for the social. Guests for the social do not require a name badge but must be accompanied by a badged attendee.

IEEE 802.16 local server: <http://lan.wirelessman.org>

Explained the uploading options on the Internet and on the local server

Membership and Voting

The lists of WG [Members](#), [Potential Members](#), [Members in Peril](#) and Observers were explained by the Chair. The 802.16 WG had 437 members before the start of the session. Voting tokens were included as part of the registration badge. Roger explained that membership depends on entering the attendance correctly into the IMAT system.

Attendance:

- Working Group [Membership](#) depends on "participation"
- "participation" depends on attendance (75%)
- "attendance" depends on attendance logs recorded during each individual meeting interval
- 32 credit hours are recognized at this meeting, therefore 24 credit hours are needed to qualify for attendance.

Attendance Log procedure: The chair demonstrated the way of registering with user name, e-mail and web account password. You must use the [IEEE Automated Meeting Attendance Tool](#) ("IMAT") if you wish to receive participation credit for Session #63.5. This credit is essential to retaining or obtaining Working Group Membership or Observer status. In order to use IMAT, you must have an IEEE Web Account for use during the session.

Affiliation: Attendance software's "Affiliation" field is the appropriate Affiliation per [IEEE-SA affiliation disclosure requirements](#) and will be reported as such. Roger explained that entering "WG 802.16" as affiliation is invalid, will create problems and no participation credit will be given. The question was raised who can access draft standards. Roger explained that these are available on the LAN to Members and Observers with the password. Discussion of obtaining "Observer" status.

Roger then reviewed the agenda and asked for comments or concerns on the agenda. No comments were received.

Motion (1:36 PM): *“To approve the Opening Plenary Meeting Agenda as presented”*

<http://ieee802.org/16/meetings/mtg635/opening.html>.

No objections, no comments. The agenda was unanimously approved.

Approval of the Session #63 Minutes

Roger pointed to the draft minutes of Session #62 (*IEEE 802.16-09/0051r1*) available since 15 September and invited comments. No comments were received. Approval was suspended until the closing plenary to give more time and attach the registration report. Roger asked if there are any comments. No comments were received. Roger asked anyone who has comments to send them to the officers of the group so that the minutes can be approved on Thursday.

Chair's Report

Roger displayed the chair report with Administrative, Procedural, and Announcements (see Chair's Opening Plenary Presentation Slides (IEEE 802.16-09/0052)). Roger reviewed the IEEE-SA affiliation disclosure requirements

<http://standards.ieee.org/faqs/affiliationFAQ.html> and again reminded the WG attendees to fill in the affiliation field. Roger reviewed the “Ethics policy” http://ieee.org/web/membership/ethics/code_ethics.htm.

The Chair displayed the patent policy materials <http://standards.ieee.org/board/pat/pat-material.html> and presented Slides 1-4 from <http://standards.ieee.org/board/pat/pat-slideset.pdf>. No comments were received. He then presented Slide 0. The Chair asked if there were any questions or if anyone wanted to speak up. Opportunities were provided to disclose patent claims. No responses were provided or comments received.

Roger instructed the task group chairs to repeat the patent policy rules in their groups per the details provided.

The Chair continued with IEEE 802 Rules. He highlighted material from two documents: Policies and Procedures (P&P), a stable document, and the Operations Manual, which is more easily updated by the 802 EC. The EC has discussed the creation of a third document: P&P for working groups. Roger explained the role and responsibilities of the working group chair.

IEEE 802 Issues (EC Activity)

Smart Grid

Roger encouraged people to attend the “workshop” on Monday night.

EC Study Group on Emergency Services Study Group

Chaired by Geoff Thompson. Roger asked for a show of hands to gauge the interest from 802.16 members. Brian Kiernan and Mariana Goldhamer raised their hand. Roger explained the expected activity of the study group.

802.19 TV White Space Coexistence Study Group

Roger explained their plans to write a PAR on TV White Space coexistence of 802.11, 802.16 and 802.22. Mariana Goldhamer expressed interest.

Active Projects

The active projects in the WG are P802.16m and P802.16h.

Roger Marks presented an overview of the working groups as shown in the chair’s report. He announced a joint meeting of 802.16 and 802.18 on Thursday afternoon at 2:30 PM to finalize the IMT-Advanced proposal.

IEEE 802 Policies and Procedures (P&P) Issues

No update.

Review of Session #63 Report for Information

The chair pointed to the Session #63 Report and strongly encouraged the group to read the report to understand the ongoing work.

Session #63.5 Meeting Calendar

The chair explained the schedule for the various groups shown on the calendar web site

<http://dot16.org/cal/week.php?getdate=20090921>.

Session #63.5 Document Guide

Roger explained how to upload and access new documents.

Schedule for the Week

The meeting rooms were on interactive calendar <<http://dot16.org/cal/print.php>>. Roger encouraged task group chairs to return rooms not used. The closing plenary will be held Thursday from 2:30 - 6:00 PM. TGm has an editor's meeting scheduled for Friday morning. The Chair pointed out that, if rooms or times need to be changed, the WG chair needs to be informed so the attendees are made aware. The task group chairs should not ask the staff for room changes.

This concluded the chair's report. No further questions were asked.

Maintenance Task Group Report

Jon Labs, chair of the TG, presented a report (*IEEE 802.16maint-09/0022*). He discussed the handling of comments and work on responding to a WiMAX Forum liaison. Jon then reviewed the change requests. No comments were received.

License-Exempt Task Group Report

Mariana Goldhamer, chair of the LE TG, presented a report (*IEEE 802.16h-09/0023*). Mariana presented the results of the latest recirculation. Roger instructed that "withdrawn" comments still need to be addressed. Mariana estimated that an extension of the PAR is still needed. Mariana cancelled the Monday afternoon meeting. Comments from the floor pointed out that the TGm schedule was announced a long time ago and prevents one from attending the LE TG meetings. Roger asked if there are any questions. None were received.

TGm Report

Brian Kiernan, chair of TGm, presented the opening report (*IEEE 802.16m-09/0046*). Brian explained the nature of comments and the work plan for the week. The goal is to create P802.16/D2 and request a letter ballot recirculation. He recommended to appoint Jong-Kae Fwu as Vice Chair of TGm. Brian explained the logistics of meetings in the group. Roger appointed Jong-Kae Fwu as a Vice Chair of TGm. Roger encouraged TGm to manage room utilization efficiently.

Liaison Reports

ITU-R

The ITU-R Liaison Group chair, Reza Arefi, presented the report for the group (*IEEE L80216-09/0011r1*), explaining the documents under review and the work schedule for the week. Discussion ensued on changes to the draft IMT-Advanced documents as a result of comments, and on development of an extract of P802.16m/D1. Reza explained that Tuesday afternoon is the deadline for explaining to 802.18 what has changed since Jeju. Jose Puthenkulam asked who will attend the 802.18 meetings and asked for their support.

Takashi Shono read a liaison statement (*IEEE L802.16-09/0110*) from ARIB about its plans for submission of IMT-Advanced candidates to ITU-R. He listed the requests of ARIB. Roger thanked Shono-san for the liaison and the positive news. No further questions. Roger read the liaison letter from TTA (*IEEE L802.16-09/0112*), which provided further positive news. No comments were received.

Roger reviewed the liaison from the WiMAX Forum (*IEEE L802.16-09/0113*).

Roger remarked that responses to these letters need to be finalized at the Closing Plenary and requested that the ITU-R Liaison Group prepare drafts. Roger mentioned a workshop of ARIB in Tokyo following the Jeju meeting, with five speakers. An overview of the 802.16 activity was given. Roger thanked organizers and participants.

Charge to Task Groups

The TG 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.

Audio-Visual Equipment

LCD projectors are managed by the hosts.

Meeting Cancellation or Early Close

The TG Chair must inform WG Chair if TG meetings are completed for the week earlier than planned so that the facilities can be released. The TG Chair must inform WG Chair in order to request extra meeting space.

Open Office

Monday from 6:00-7:00 PM.

Future Sessions <<http://iecc802.org/16/calendar.html>>

Roger Marks discussed the upcoming sessions shown below:

- Session #64 16-19 November, 2009 in Atlanta, Georgia, USA with IEEE 802 Plenary Session. Registration is open.
- Session #65 14-16 January, 2010 in La Jolla, California, USA hosted by IEEE 802. Member host: Lei Wang.
- Session #66 15-18 March, 2010 in Orlando, Florida, USA IEEE 802 Plenary Session
- Session #67 10-13 May, 2010. Bangalore, India. Roger mentioned that a loan request has been made and that paperwork needs to be completed for the Treasurer.
- Session #68 12-15 July, 2010, San Diego, California, USA, with IEEE Plenary Session
- Session #69 probably 13-16 or 27-30 September, 2010 to be selected in November 2009

New Business

Mariana proposed to have a room for Tuesday afternoon for the LE Task Group. Discussion ensued on convenient times during the week and the calendar was updated.

Two standards are scheduled to be withdrawn if no action is taken.

- IEEE Std 802.16.2-2004 "Local and Metropolitan Area Networks – Recommended Practice for Coexistence of Fixed Broadband Wireless Access Systems"

- IEEE Std 802.16/Conformance03-2004 "IEEE Standard for Conformance to IEEE Standard 802.16 - Part 3: Radio Conformance Tests (RCT) for 10-66 GHz WirelessMAN-SC Air Interface"

Action will be discussed in the closing plenary. Three options: Reaffirmation, revision or withdrawal. Roger explained that an e-mail on the reflector argued that one of the documents is still relevant. Roger explained that a reaffirmation ballot asks if the document is still relevant. In this scenario, a ballot pool is formed and if 75% approve then documents will be reaffirmed. Reza Arefi supported reaffirmation of 802.16.2-2004 because there are systems based on that standard. Brian Kiernan suggested that it should be entrusted to the Maintenance Task Group for review and that they should report in the Closing Plenary. This was agreed.

No other business

Without objection, the meeting was declared adjourned at 3:00 PM.

IEEE 802.16 Session #63.5 Closing Plenary Meeting

24 September 2009

Call to Order

Roger Marks, Chair of the 802.16 WG, called the meeting to order at 2:34 PM local time. Roger mentioned that this is a Joint Plenary meeting with the IEEE 802.18 TAG. He welcomed the attendees and explained the displayed agenda. The Chair mentioned the patent policy and asked if anyone needs to have a review of the details. No request was made and the meeting proceeded.

Approval of Agenda

The Closing Plenary agenda <<http://ieee802.org/16/meetings/mtg635/closing.html>> was reviewed. Chair asked if there were any concerns. Jose Puthenkulam recommended to add a “press release” item to publicity. The revised agenda was approved without objections.

IEEE 802.18 TAG convened at 2:45 PM, chaired by Mike Lynch

Roger reviewed the agenda and there was no objection to it.

IMT-Advanced Candidate Proposal

Reza Arefi, Chair of the ITU-R Liaison Group, presented the “802.16 ITU-R Liaison Group Report on IMT-Advanced proposal materials” (L802.16-09/0116).

Mike Lynch, Chair of 802.18, presented the verbal report “802.18 Group Report on IMT-Advanced proposal materials” on the final approval of the IMT-Advanced documents in 802.18. Roger invited comments and commented on the motions.

Motion 1 (2:56 PM): *“To approve document IEEE L802.16-09/010Xr2, [Draft] submission of a candidate IMT-Advanced RIT based on IEEE 802.16 (Part 1 through Part4), for submission to ITU-R WP 5D. The Chair of 802.16 is authorized to make any necessary editorial changes and to ensure the document is submitted to ITU-R WP 5D prior to the October 7, 2009 deadline.”*

Moved by Reza Arefi, seconded by Scott Migaldi.

Comments by Mike Lynch that it is an 802.16 motion and only 802.16 members may vote.

Approve: 56. Disapprove: 0. Abstain: 0. Motion carried.

Mike Lynch stated that 802.18 had already drafted a motion to approve the same documents. He entered the motion and asked the 802.18 voters to vote via their 802.18 voting token. Result was 12 Approve, 0 Disapprove, 1 Abstain.

Motion 2 (2:59 PM): *“To approve L802.16-09/0114r2, IEEE 802.16 candidate proposal for IMT-Advanced, for submission to ITU-R WP 5D 3rd Workshop on IMT-Advanced. The Chair of 802.16 is authorized to make any editorial changes and to ensure the document is submitted prior to the October 7, 2009 deadline.”*

Moved by Reza Arefi, seconded by Scott Migaldi. Roger asked for discussions. Comments were received from the floor on wording.

Motion was changed as shown above.

Approve: 53. Disapprove: 0. Abstain: 0. Motion carried.

Mike Lynch reminded the 802.18 members that the TAG had already voted to approve this workshop document. Roger mentioned that 802.16 will look at editorials and take input from 802.18. Roger thanked Mike and the 802.18 TAG for reviewing the material as well Reza and the ITU-R Liaison Group for the significant accomplishment.

Roger proposed to adjust the agenda to resume at 3:30 PM. No objection. The meeting restarted at 3:40 PM.

ITU-R Liaison Group

Reza Arefi, the chair of the ITU-R Liaison Group, presented the closing report (IEEE L80216-09/0018).

Motion (3:47 PM): *“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.*

L802.16-09/0115r1 – response to ARIB,

L802.16-09/0117r1 – response to TTA.”

Moved by Reza Arefi, seconded by Lei Wang. Comments were invited. No comments were received. Results of the vote: 50 Approve, 0 Disapprove, 0 Abstain. Motion carried.

A draft for the liaison to the WiMAX Forum will be presented under new business.

TGm

Brian Kiernan, TGm Chair, presented the closing plenary report (*IEEE 802.16m-09/0048r1*). As a new item, Brian announced that the TG decided to introduce a rule that all contributions must be uploaded at least four hours before being discussed.

Motion (3:54 PM): *“Request that the WG initiate a WG LB #30 recirculation on P802.16m/D2, in which the entire draft is open for comment.”*

Moved by Brian Kiernan, seconded by Lei Wang. Questions and comments were invited. None received. Motion approved by unanimous consent. Roger thanked all involved and Brian for organizing the work.

License-Exempt Task Group

Mariana Goldhamer presented the closing report (*IEEE 802.16h-09/0025*). Roger invited questions on the report. None were received

Motion 1 (4:02 PM): *“To authorize the LE TG Editor to create the WG draft IEEE P802.16h/D12 based on IEEE P802.16h/D11 and the comment resolutions recorded in data-base IEEE 802.16-09/0053r1 and to initiate a Sponsor Recirculation Ballot.”*

Moved by Mariana Goldhamer. Motion was seconded by Dan Gal

No discussion.

Approve: 15. Disapprove: 0. Abstain: 1. Motion carried.

Motion 2 (4:04 PM): *“To request the WG to authorize the WG Chair to forward the IEEE 802.16h PAR extension request in IEEE 802.16h-09/0021r2 to the IEEE 802 EC.”*

Moved by Mariana Goldhamer; seconded by Amir Ghasemi. Roger invited discussions. Requests from the floor to open and show the PAR extension document. Comments from the floor that the number of active members will be less than those predicted for future meetings, on the need to do technical work, and approaches to how comments are addressed. On the first point, Roger asked if a lower number is acceptable as the question refers to the people working internally to the WG. Discussion ensues on the number and its significance for the approval of the PAR extension. Question is raised on the duration of the PAR extension. Roger asked if there are other comments on the text of the document. Responses from the floor comments on the need to change the approach to resolving technical comments. Roger commented that if the motion carried he will fill out the request to NesCom, December meeting, and 802 EC in November meeting.

Approve: 15. Disapprove: 0. Abstain: 5. Motion carried.

Motion 3 (4:25 PM): *“To ask the WG to authorize the 802.16 WG Chair to request Conditional Approval from the IEEE 802 Executive Committee to forward the IEEE P802.16h Draft to RevCom.”*

Moved by Mariana Goldhamer; seconded by Amir Ghasemi. Comment from the floor speaking against the motion. Question on new of Disapprove votes in the latest recirculation. Mariana explained that work to resolve those is in progress. Question if the resolutions were approved by TG. Roger asked if there exists a draft Conditional Approval package. Mariana said that this is not the case.

Question from the floor on what draft will be submitted. Roger explained that conditional approvals do not specify the draft number. Comments that D12 is not yet available. Roger explained what will happen if this motion passes and deadlines involved. Doubts from the floor that EC will respond positively. Comment that the motion would not compel the WG Chair to act. Roger said that he would interpret the meaning as a request to act now.

Approve: 11., Disapprove: 9. Abstain: 3. Motion does not carry.

Maintenance Task Group

The Maintenance Task Group Chair, Jon Labs, presented his report (*IEEE 802.16maint-09/0025r1*). Jon mentioned the liaison letter from the WiMAX Forum (*IEEE L802.16-09/0089*) and technical problems raised concerning sleep mode. In consequence, the issue needs clean-up.

Motion 1 (4:53 PM) *“To forward L802.16-09/0091 as the proposed Liaison statement to the WiMAX Forum in response to L802.16-09/0089 and authorize the WG Chair to make any necessary editorial modifications.”*

Moved by Jon Labs, seconded by Shawn Taylor

Roger invited discussions. No discussions. No objections. The motion carried by unanimous consent.

Jon reported on the TG's decisions on the standards in peril of administrative withdrawal. Roger asked Jon to review the procedures and administrative work involved. Discussion ensued on actions needed. Comment from the floor that the reaffirmation ballot does not allow any changes. Comment from the floor that a standard needs to be reaffirmed, revised, or withdrawn every five years. The reaffirmation process was discussed. Roger displayed the withdrawal warning from IEEE.

Motion 2 (5:06 PM): *"To authorize the WG chair to initiate reaffirmation procedures for IEEE Std 802.16.2-2004."*

Moved by Jon Labs, seconded by Reza Arefi

No objection. Motion was approved by unanimous consent.

Motion 3 (5:08 PM): *"To authorize the WG chair to initiate administrative withdrawal procedures of IEEE Std 802.16/Conformance03-2004."*

Moved by Jon Labs, seconded by Phil Barber. No discussion. Motion was approved by unanimous consent.

NRR Ad Hoc Committee

The report IEEE C802.16-09/0016 from the NRR Ad Hoc Committee Chair was read by Roger Marks. Roger asked for comments. None were received. Roger commented that he will schedule time at the next plenary.

IEEE 802 Activities

Geoff Thompson, Chair of the IEEE 802 Emergency Services Study Group, presented a verbal report of the SG's first session this week. The next session will be collocated with 802.16 in January 2010. Discussion ensued on correlation with emergency services in 802.16m. Roger thanked Geoff for keeping in touch and reporting on the subject.

Wendong Hu, Chair of the 802.22 WG, discussed that group's drafting of a modification to the P802.22 PAR and of the draft P802.22.3 PAR that would support fully mobile devices in white space. Roger thanked him for the presentation and the exchange of information. Roger invited comments and discussions. None received.

Roger Marks reported on the activities related to the "Smart Grid".

Current and Future Sessions <<http://iee802.org/16/calendar.html>>

- Session #64 16-19 November, 2009 in Atlanta, Georgia, USA with IEEE 802 Plenary Session. Registration and hotel reservation is open and it's recommended to act soon.
- Session #65 14-16 January, 2010 in La Jolla, California, USA hosted by IEEE 802. Co-located with several other groups: 802.21 and Emergency Services SG. Session is hosted by IEEE 802. The member host is Lei Wang. The IEEE 802.16m IMT-Advanced Evaluation Group Coordination Meeting will take place on Wednesday. Roger mentioned that visa letters of invitations should be made available early. Roger mentioned his intent that guests attending the Evaluation Group Coordination Meeting should not pay a registration fee. A comment from the floor suggested that a survey of how many will attend will give an estimate of funds needed.
- Session #66 15-18 March, 2010 in Orlando, Florida, USA IEEE 802 Plenary Session at the Caribe Royal.
- Session #67 10-13 May, 2010. Bangalore, India. The WG Treasury Executive Committee will address the loan request. No comments
- Session #68 12-15 July, 2010, San Diego, California, USA, with IEEE Plenary Session, at Hyatt Manchester.
- Session #69 Probably 13-16 or 27-30 September, 2010 to be selected in November 2009. Avoid holiday week in Asia. Alternatives mentioned are St. Petersburg and Israel. Question raised about Istanbul. Roger explained that we don't have members on the ground in Istanbul to host, so it may take time to plan this.

Publicity

The Chair was authorized, without objection, to prepare the Session #63.5 Report and post it.

New Business

Approval of the Session #63 Minutes.

Motion (5:48 PM): *“To approve the Minutes of Session #63 (IEEE 802.16-09/0051r1)”*.

Moved by Ron Murias, seconded by Jon Labs. No discussion. Motion was approved by unanimous consent. Roger had attached the attendance report to create r1.

Jose Puthenkulam presented a draft press release in contribution (IEEE C802.16-09/0015r1).

Motion (5:55 PM): *“To authorize the WG Chair to prepare a draft a press release, and initiate its approval as an IEEE press release, based on C802.16-09/0015r1.”*

Moved by Jose Puthenkulam, seconded by Hokyu Choi. Discussion ensues related to approval by EC and release by IEEE. Comment from the floor on need to coordinate with TTA and ARIB in advance regarding any mention of those organizations; for this purpose, it would be suitable to mention the issue in the two liaison statements. Motion carried by unanimous consent.

Jose Puthenkulam mentioned an intended request for a tutorial slot during the November IEEE 802 plenary on the topic of cooperative communication. Roger explained that tutorial sponsorship comes through EC members, so no WG response is necessary.

Jose Puthenkulam mentioned that in November it would be worthwhile to begin planning future projects to address topics that are “left out” of 802.16m.

Roger supported such an activity, mentioning the former Project Planning Committee that addressed such issues.

Reza Arefi presented a draft liaison (L802/16-09/0119r1) to the WiMAX Forum informing them that the IMT-Advanced submission was completed, etc. Roger asked for comments on the draft. None received.

Motion (6:03 PM): *“To approve L802.16-09/0119r1 and authorize the WG Chair to forward it to the recipient subject to any editorial corrections including additions to the cc list.”*

Moved by Reza, seconded Shawn Taylor. Approved by unanimous consent.

No other new business was brought up.

Closing

Motion (6:06 PM): *“To adjourn.”*

Moved by Ron Murias, seconded by Jon Labs. Approved by unanimous consent.

Web References

Session #63.5 Web Page

<http://ieee802.org/16/meetings/mtg63.5>

Session #63.5 Attendance and Participation List

<http://ieee802.org/16/meetings/mtg63.5/reglist.html>

Session #63.5 Report

<http://ieee802.org/16/meetings/mtg63.5/report.html>

Registration List: IEEE 802.16 Session #63.5

Updated 09/10/05, 02:19 AM (MT)

147 attendees registered and/or in the attendance logs, including at least 138 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	London		UK
Yes	Bahng	Seungjae	ETRI	Daejeon	Chungcheongnam-do	Korea
Yes	Barber	Phillip	Huawei Technologies Co., Ltd.	Plano	TX	USA
Yes	Bohyun	Kang	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Boyer	Adrian	Harris Corporation	Rochester	NY	USA
Yes	Cai	Sean	ZTE Corporation	San Diego	CA	USA
No	Cai	Zhijun	Research In Motion Limited	irving	TX	USA
Yes	Cha	Jaesun	ETRI - Electronics and Telecommunications Research Institute	Daejeon		Korea
Yes	Chang	Sung-Cheol	ETRI - Electronics and Telecommunications Research Institute	Daejeon		Korea
Yes	Chang	YoungBin	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Chen	Chiu-Wen	Institute for Information Industry	Taipei		Taiwan
Yes	Chen	Jen-Hui	Chang Gung University	Taoyuan		Taiwan
Yes	Chen	Whai-En	National Ilan University	I-Lan	Taiwan	Taiwan
Yes	Chen	Yih-Shen	MediaTek Inc.	Hsinchu		Taiwan
Yes	Chen	Yuqin	ZTE Corporation	Shenzhen	Guangdong	China
Yes	Cheng	Paul	MediaTek Inc.	Sunnyvale	CA	USA

Yes	Cheng	Ray-Guang	National Taiwan University of Science and Technology	Taipei		Taiwan
No	Chia	Chia-Lung	ITRI	Hsinchu		Taiwan
Yes	Chion	Hua (Mary)	ZTE	San Diego	CA	USA
Yes	Chiu	Chun-Yuan	ITRI	Hsin-Chu	Taiwan	Taiwan
A+	Cho	Heejeong	WG802.16	kyungki-do	kyungki-do	Korea
Yes	Cho	Jaeweon	Samsung Electronics	Suwon	Gyeonggi	Korea
Yes	Choi	Hokyu	Samsung Electronics	Sungnam-Shi	Gyeonggi-do	Korea
Yes	Chou	Chao-Chin	MediaTek Inc.	Hsinchu		Taiwan
Yes	Chou	Ching-Chun	National Taiwan University	Taipei	Taiwan	Taiwan
Yes	Chou	Joey	Intel Corporation	Chandler	AZ	USA
Yes	Cudak	Mark	Motorola, Inc.	Arlington Heights, IL 60004	IL	USA
Yes	Davydov	Alexey	Intel Corporation	Nizhny Novgorod		Russia
Yes	Du	Ying	China Academy of Telecommunication Research	Beijing		China
Yes	Etemad	Kamran	Intel Corporation			USA
Yes	Fong	Mo-Han	Research In Motion	Ottawa	ON	Canada
Yes	Fu	I-Kang	MediaTek Inc.			Taiwan
Yes	Fwu	Jong-Kae (JK)	Intel Corporation	Santa Clara	CA	USA
Yes	Gal	Dan	ALCATEL-LUCENT	Morris Plains	NJ	USA
Yes	Ghasemi	Amir	Communication Research Centre, Canada	Ottawa	Ontario	Canada
Yes	Goldhamer	Mariana	Alvarion	Ramat Gan	Israel	Israel
Yes	Gundlach	Michael	Nokia Siemens Networks	Munich		Germany
Yes	Hillery	William	Motorola	Arlington Heights	IL	USA
Yes	Hsieh	Yu-Tao	ITRI	Hsinchu		Taiwan

Yes	Hsu	Chun-Yen	Institute for Information Industry	Taipei	NIL	Taiwan
Yes	Hsu	Jen-Yuan	ITRI	Hsinchu		Taiwan
Yes	Ikeda	Tetsu	NEC Corporation	Kawasaki		Japan
Yes	Jang	Jaehyuk	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Yes	Josiam	Kaushik	Samsung Electronics	Richardson	Texas	USA
Yes	Juang	Rong-Terng	ITRI	Hsinchu		Taiwan
No	Jun	Byung	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Yes	Jung	Inuk	LG ELECTRONICS	Anyang	Gyongkido	Korea
Yes	Jung	Soojung	ETRI - Electronics and Telecommunications Research Institute			Korea
Yes	Kang	Heewon	Samsung Electronics			Korea
Yes	Kang	Hyunjeong	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Khojastepour	Mohammad	NEC	Princeton	NJ	USA
Yes	Khoryaev	Alexey	Intel Corporation	Nizhny Novgorod		Russia
Yes	Kiernan	Brian	InterDigital Communications, LLC	King of Prussia	PA	USA
Yes	Kim	Eunkyung	ETRI - Electronics and Telecommunications Research Institute	Daejeon	Daejeon	Korea
Yes	Kim	Jeongki	LG Electronics	Anyang-Shi	Gyeonggi-do	Korea
Yes	Kim	Kanghee	ETRI - Electronics and Telecommunications Research Institute	Daejeon	Chungcheongnam-do	Korea
Yes	Kim	Sangheon	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Kim	Sunam	LG ELECTRONICS	Anyang-Shi	Gyeonggi-do	Korea
Yes	Kim	Taeyoung	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Klutto Milleth	J.	CEWiT	Chennai	Tamilnadu	India
Yes	Kuchi	Kiran Kumar	CEWiT	Chennai	Jeollanam-do	India
Yes	Kuze	Toshiyuki	Mitsubishi Electric	Kamakura	Kanagawa	Japan
Yes	Kwak	Jin-Sam	LG Electronics	Anyang	Gyeonggi-do	Korea
Yes	Labs	Jonathan	Wavesat, Inc.	Dorval	PQ	Canada

Yes	Lee	Byung Moo	KT	Seoul		Korea
Yes	Lee	Hoon	ETRI - Electronics and Telecommunications Research Institute			
Yes	Lee	Howon	KAIST Institute			
Yes	Lee	Hyun	ETRI - Electronics and Telecommunications Research Institute	Daejeon		Korea
Yes	Lee	Jin	LG Electronics	Anyang	Kyungki	Korea
Yes	Lee	Ju Seung	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Yes	Lee	Mi Hyun	Samsung Electronics	suwon-si	Gyeonggi-do	Korea
Yes	Lee	Youn-Tai	Institute for Information Industry (III)	Taipei	Taiwan	Taiwan
Yes	Li	Honggang	Intel	BEIJING	BEIJING	China
Yes	Li	Ying	Samsung Electronics	Richardson	TX	USA
Yes	Liao	Pei-Kai	MediaTek Inc.			Taiwan
Yes	Lim	Kwangjae	ETRI	Daejeon	Chungcheongnam-do	Korea
A+	Lin	Hsin-Piao	WG802.16	Taipei		Taiwan
Yes	Lin	Yi-Ting	Institute for Information Industry	Taipei		Taiwan
Yes	Lv	Kaiying	ZTE Corporation	xi'an	shannxi	China
Yes	Madihian	Mohammad	NEC Corporation			USA
Yes	Maeder	Andreas	NEC Europe Ltd.	Heidelberg	DE	Germany
Yes	Maez	David	Cisco Systems, Inc.	Richardson	TX	USA
Yes	Marks	Roger	WiMAX Forum	Denver	CO	USA
Yes	McGinniss	David	Clearwire	Aurora	IL	USA
Yes	Migaldi	Scott	Motorola	Schaumburg	IL	USA
Yes	Mohanty	Shantidev	Intel Corporation			USA
Yes	Muck	Markus	Infineon Technologies AG	Neubiberg	Bayern	Germany
Yes	Murias	Ronald	InterDigital Communications, LLC	Calgary	AB	Canada
Yes	Nakatsugawa	Keiichi	FUJITSU			Japan

Yes	Nigam	Anshuman	Samsung Electronics	Bangalore		India
Yes	Niu	Huaning	Intel Corp	Santa clara	CA	USA
Yes	Nohara	Mitsuo	KDDI R and D Laboratories Inc.	Chiyoda-ku	Tokyo	Japan
Yes	Oh	Kyoungseok	TTA			
Yes	Oh	Min-Seok	LG ELECTRONICS	Anyang	Kyounggi	Korea
Yes	Okuda	Masato	FUJITSU	Kawasaki	Kanagawa	Japan
Yes	Olfat	Masoud	Clearwire Corporation	Great Falls	VA	USA
Yes	Papathanassiou	Apostolos	Intel Corporation			USA
Yes	Park	Giwon	LG ELECTRONICS	Anyang-Shi	Gyeonggi-do	Korea
Yes	Park	Jeongho	Samsung Electronics	Suwon	Gyunggi-Do	Korea
A+	Park	Youn Ok	wg802.16	Daejeon	Chungcheongnam-do	Korea
Yes	Pi	Zhouyue	Samsung Electronics	Richardson	TX	USA
Yes	Probasco	Scott	Nokia	Irving	TX	USA
Yes	Puthenkulam	Jose	Intel Corporation	Hillsboro	OR	USA
A+	Pyun	Sung-Yeop	WG802.16			
Yes	Rabineau	Rodrigue	France Telecom	CESSON SEVIGNE		France
Yes	Ramakrishna	Sudhir	Samsung Electronics	Richardson	TX	USA
Yes	Ran	Rong	ETRI			
Yes	Ren	Fang-Ching	ITRI			Taiwan
Yes	Ruck	Herbert	Cisco Systems, Inc.	Richardson	TX	USA
Yes	Sayeedi	Shahab	Motorola	Arlington Heights	IL	USA
Yes	Shalash	Ahmed	Cairo University	Garden City	Cairo	Egypt
Yes	Shim	Jaejeong (Brian)	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Yes	Shin	Wooram	ETRI - Electronics and Telecommunications Research Institute	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	Suryasarman	Padmanabhan	CEWiT			
Yes	Sydir	Jaroslav J	Intel Corporation			USA
Yes	Taori	Rakesh	Samsung Electronics	Suwon	Gyeonggi-do	South Korea
Yes	Taylor	Shawn	Huawei Technologies Co., Ltd.	Calgary	AB	Canada
Yes	Ting	Pangan	ITRI			Taiwan
Yes	Tsai	Chang-Lan	ITRI	Hsinchu	Taiwan	Taiwan
Yes	Tsai	Tsung-Yu	Institute for Information Industry	Taipei City		Taiwan
No	Vadgama	Sunil	Fujitsu	Hayes	Middlesex	UK
Yes	Venkatachalam	Muthaiah	Intel Corporation	Beaverton	OR	USA
Yes	Wang	Chun-Yen	ITRI			Taiwan
Yes	Wang	Lei	InterDigital Communications, LLC	San Diego	CA	USA
Yes	Wang	Ping	Intel Corporation	Beijing	Beijing	China
Yes	Watanabe	Fujio	NTT DOCOMO Inc.	Palo Alto	CA	USA
Yes	Watanabe	Yoshikazu	NEC Corporation	Kawasaki		Japan
Yes	Wu	Jia-Hao	Industrial Technology Research Institute	Hsinchu	Hsinchu	Taiwan
Yes	Wu	Qi	Samsung Electronics	Beijing		China
No	Yang	Hongwei	Alcatel Shanghai Bell Co., Ltd.	Shanghai	Shanghai	China
Yes	Yang	Rongzhen	Intel Corporation	Shanghai	Shanghai	China
Yes	Yang	Xiangying	Intel Corporation	Hillsboro	OR	USA
Yes	Yeo	Kunmin	ETRI - Electronics and Telecommunications Research Institute	Daejeon		Korea
Yes	Yoshii	Isamu	Panasonic	Yokosuka	Kanagawa	Japan
Yes	Yu	Kai	Ericsson AB	Stockholm	Stockholm	Sweden
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	Zhao	Zheng	Samsung Electronics	Beijing		China
Yes	Zheng	Yan-Xiu	ITRI			Taiwan
Yes	Zhou	Lei	Samsung Electronics	Beijing		China

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