



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 #37</b>	
Date Submitted	<b>2005-05-05</b>	
Source(s)	Dean S.K. Chang Aperto Networks	Voice: +1 408-719-9977 <a href="mailto:dchang@apertonet.com">mailto:dchang@apertonet.com</a>
Re:	IEEE 802.16 Session #37 Minutes (Sorrento, Italy)	
Abstract		
Purpose	To record minutes of the IEEE 802.16 Working Group's Opening and Closing Plenary meetings.	
Notice	This document has been prepared to assist IEEE 802.16. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.	
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Patent Policy and Procedures	The contributor is familiar with the IEEE 802.16 Patent Policy and Procedures < <a href="http://ieee802.org/16/ipr/patents/policy.html">http://ieee802.org/16/ipr/patents/policy.html</a> >, including the statement "IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard." Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair < <a href="mailto:chair@wirelessman.org">mailto:chair@wirelessman.org</a> > as early as possible, in written or electronic form, if patented technology (or technology under patent application) might be incorporated into a draft standard being developed within the IEEE 802.16 Working Group. The Chair will disclose this notification via the IEEE 802.16 web site < <a href="http://ieee802.org/16/ipr/patents/notices">http://ieee802.org/16/ipr/patents/notices</a> >.	

# Minutes of IEEE 802.16 Session #37

IEEE 802.16 Working Group

Sorrento, Italy

2-5 May 2005

## Opening Plenary

### Call to Order

Working Group Chair Roger Marks called the meeting to order at 9:10 am, 2 May 2005.

### Introduction of IEEE 802.16 Working Group Officers

Chair: Roger Marks

Vice Chair: Ken Stanwood

Secretary: Dean Chang

### Host

Siemens Communications: Host Company

Giulio Cavalli: Member Host

Magda Salodini: Expert Planner

### 802.16 Membership

288 Members (but a number have lost their membership by not participating in Working Group Letter Ballot #18)

85 Potential Members

79 Official Observers

230 people have registered for this meeting. [Note: Final attendance figure for the session was 218 people.]

### Attendance

Attendance Sign-In procedure:

Attendance Intervals: 11 [Mon am; Mon pm; Mon night; Tue am; Tue pm; Tue night; Wed am; Wed pm; Thu am; Thu pm; Thu night]

"Participation" Requirement: 8 intervals

[Note: The number of intervals was expanded to 13 based on schedule change made later in the Opening Plenary.]

No Attendance Books; electronic only.

Attendance credit not granted without on-line registration.

Attendance credit not granted for participation in meeting of other Working Groups at interim sessions.

### Agenda

Motion 1: Phillip Barber, to approve the Opening Plenary Meeting Agenda as presented, 2<sup>nd</sup> John Humbert.

Motion 1: approved by unanimous voice vote.

See <http://ieee802.org/16/meetings/mtg37/opening.html>

Motion 2: Jose Puthenkulam, to approve Minutes of Session #36 (IEEE 802.16-05/018r1), 2<sup>nd</sup> Jim Carlo.

Motion 2: approved by unanimous voice vote.

Note Motion 17 of Session #36 Closing Plenary: To authorize the Working Group at Session #37 to proceed with its business with or without a quorum.

## **Chair's Status Report (IEEE 802.16-05/025)**

The Chair presented a report, including rules of operation for the IEEE 802.16 Working Group.

### ***Copyright Procedures***

The Chair reviewed copyright procedures and referred to the following link, which covers information regarding copyrights for documents submitted to IEEE 802.16:

<http://iee802.org/16/ipr/copyrights>

### **IEEE-SA Rules (Patents)**

The following advice was provided by the Chair:

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.

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.

One question was made regarding a patent by AT&T Wireless which has been transferred to another party. As soon as possible, the Chair will send another letter to the legal counsel to the new company that owns this patent.

No responses were given regarding this announcement.

## **802 Plenary Meetings Outside of North America**

A 802 EC motion was passed to hold at least one of the three annual 802 plenary meetings outside North America each year, starting in 2008.

### **IEEE-SA News**

myBallot will be used for all future IEEE-SA Sponsor Ballots.

However, 802.16e and 802.16f are under the legacy system; Cor1 also.

Sign up for the invitation pool, if you want <<http://standards.ieee.org/myBallot>>.

### **Schedule for the Week**

The schedule for the week was presented, including meetings of all task groups. See <<http://iee802.org/16/meetings/mtg37/schedule.html>>.

A proposal was made by José Costa to finish the evening meetings at 8pm on Monday and Tuesday. After discussion, this was agreed.

Intervals were scheduled as follows:

8am to 12:30 pm

1:30-4 pm

4:30-8pm

## Contribution Procedures

<http://wirelessman.org/submit.html>

Submittals that violate the procedures will not be accepted.

## TGe

Brian Kiernan, Chair  
Ron Murias, Technical Editor

See opening report IEEE 802.16e-05/008 for more details.

110 approve voters  
30 disapprove voters  
79% affirmative

Sponsor Ballot Recirculation comments in 802.16-05-023r2a

445 comments received

63 on time contributions received during ballot recirculation.

A tentative decision was made to start the meetings at 8am instead of 9am to provide more time for comment review.

## Maintenance Task Group

Jon Labs, Chair  
Itzik Kitroser, Editor

See opening report IEEE 802.16maint-05/010 for details.

Results of Recirculation Letter Ballot #17a

Approve 156  
Disapprove 17  
Abstain 5  
Approval ration 90%  
Return ration 81%

Received in 802.16-05/021  
207 comments received  
40 technical binding  
97 technically non-binding  
70 editorial

## Corrigendum/P802.16e Harmonization Ad Hoc

Ron Murias, Jon Labs, Co-Chairs. Jon Labs presented the report (C802.16-05/009).

Goal: to find and address conflicts between P802.16e and the corrigendum draft. The group met by teleconference and email; see the minutes (C802.16-05/008).

The output is C802.16-05/007, which includes all of the conflicts by section. This document was submitted for review by the working group.

## Network Management Task Group

Phillip Barber, Chair

Comment Resolution of Sponsor Ballot on P802.16f/D3

340 comments

104 Technical binding

21 Technical non-binding

197 Editorial

18 other

1 contribution

Goal to authorize P802.16f/D4 be submitted to the 802 EC for approval.

Also: A few comments to resolve regarding the Call for Comments on the P802.16g Working Document.

## TGC

Gordon Antonello, Chair

Working Group Letter Ballot #18 was held on P802.16/Conformance04. Voting turnout was light, and the minimum return ratio (50%) was not met. Some members will lose membership as a result. The ballot will be extended to try to reach the minimum return ratio.

## Licensed-Exempt Task Group

Mariana Goldhamer, Chair

Five contributions were received and will be addressed this week during the two scheduled meeting intervals.

## Liaison

### *ITU-R Report*

José Costa

ITU-R Working Party 8A met and reviewed IEEE proposal.

ITU-R Working Party 9B wrote to IEEE 802.16 (IEEE L802.16-05/033) regarding the positive collaboration between the two groups. This has resulted in a document referencing IEEE Std 802.16; it will probably become a Recommendation in November 2005.

### *ETSI BRAN Report*

Mariana Goldhamer presented IEEE L802.16-05/035.

## Future Sessions

Session #38: 18-21 July 2005: San Francisco, CA, USA with IEEE 802 Plenary Session

Session #39: 12-15 Sept 2005 Taipei

Session #40: 14-17 November 2005: Vancouver, BC, Canada with IEEE 802 Plenary Session

Session #41: 9-12 January 2006: New Delhi, India

Session #42: 13-16 March 2006: New Orleans, LA, USA with IEEE 802 Plenary Session

## **Study Group Proposal**

Mitsuo Nohara presented IEEE C802.16-05/006, a proposal to form an 802.16 Study Group on Mobile Multi-hop Mesh/Relay Networking. A meeting period for discussion will be held this week. A decision need not be made until Session #38.

## **New Business**

Nothing discussed.

## **Closing**

Motion 3: Jose Puthenkulam , to adjourn the meeting 2<sup>nd</sup> Jon Labs.

Motion 3: carries by unanimous voice vote.

The meeting was adjourned at 12:20pm on 2 May 2005.

## Closing Plenary

### Call to Order

Roger Marks called the meeting to order at 8:23 pm, 5 May 2005.

### IEEE 802.16 Working Group Officers

Chair: Roger Marks

Vice Chair: Ken Stanwood

Secretary: Dean Chang

### Agenda

See <http://ieee802.org/16/meetings/mtg37/closing.html>

Motion 4: John Humbert, to approve the Closing Plenary Meeting Agenda as presented, 2<sup>nd</sup> Shawn Taylor.

Motion 4: carries by unanimous voice vote.

### License-Exempt Task Group

Mariana Goldhamer, Chair

The closing report IEEE 802.16h-05/012 was presented.

The TG completed review of all comments and contributions.

Motion 5: Move to approve the contribution to 802.18 Radio Regulatory TAG contained in doc C802.16h-05/015 and allow Roger to make editorial changes, by Mariana Goldhamer, 2<sup>nd</sup> Paul Piggini.

Friendly Amendment by Roger Marks to add “and notify 802.18 that the WG lacked sufficient time to carefully construct the letter in the appropriate format to be transmitted to the FCC.” Accepted

Motion 5: as amended : Move to approve the contribution to 802.18 Radio Regulatory TAG contained in doc C802.16h-05/015 and allow Roger to make editorial changes and notify 802.18 that the WG lacked sufficient time to carefully construct the letter in the appropriate format to be transmitted to the FCC.

Motion 5: carries 19-1-5.

Motion 6: Move to approve the contribution to the 802.11 Contention-Based Protocol Study Group (3.65 GHz) contained in C802.16h-05/015, and allow Roger to make editorial changes, by Mariana Goldhamer, 2<sup>nd</sup> Lei Wang.

Motion 6: carries 40-0

### Conformance Task Group

Gordon Antonello, Chair

Working Group Letter Ballot #18 closed, after one-day extension due to initial lack of return ratio. The results:

Approval 131

Disapprove 40

77% approval ratio

All 47 comments were addressed this week.

Motion 7: To accept IEEE 802.16-05/024r2 as the resolutions of WG Letter Ballot #18, to draft P802.16/Conformance04/D2 based on those resolutions, and initiate a Recirculation Ballot #18a, 2<sup>nd</sup> Shawn Taylor

Motion 7: carries by unanimous voice vote.

Herbert Ruck volunteered as editor for this group.

## Network Management Task Group

Chair Phillip Barber

The closing report IEEE 802.16netman-05/009 was presented.

Motion 8: To develop and issue the Draft P802.16f/D4 and initiate a Sponsor Ballot recirculation to close around Jun 6, 2005 2<sup>nd</sup> Ron Murias.

Motion 8: carries 51-0.

Motion 9: To establish and authorize a Ballot Resolution Committee (BRC) to resolve the comments from the Sponsor Recirculation Ballot; authorize the BRC to conduct resolution of the comments via mail or in person, 2<sup>nd</sup> Jose Puthenkulam.

Motion 9: carries 48-0.

About 7 people were interested in being a part of the BRC.

## Maintenance Task Group

Jon Labs, Chair

Itzik Kitroser, Editor

The closing report, IEEE 80216maint-05/013r1, was presented.

Motion 10: To accept draft P802.16-2004/Cor1/D2, as modified by the comment resolutions (IEEE 802.16-05/021r2) and open a Working Group Confirmation Letter Ballot on that Draft (P802.16-2004/Cor1/D3), and to request conditional approval to the 802 EC to forward the draft to Sponsor Ballot, 2<sup>nd</sup> John Humbert.

Motion 10: carries 64-0.

## Corrigendum/16e Conflict Resolution

Jon Labs reported.

The outstanding issues are in Subclause 8.4 and it will further review will be required.

## Task Group e

Brian Kiernan, Chair

The closing report IEEE 802.16e-05/010 was presented.

445 comments were submitted in the most recent Sponsor Ballot recirculation.

All timely comments, and most late comments, and associated contributions were addressed – results are recorded in comment database 802.16-05/023r4. There was one exception: Comment 4050 was overlooked in comment resolution. Kiseon Ryu announced that he would withdraw his Comment 4050.

Motion 11: To accepted IEEE 802.16-05/023r4 as the Sponsor Ballot Recirculation comment resolutions, develop Draft P802.16e/D8 based on those resolutions, and initiate Recirculation, 2<sup>nd</sup> Ron Murias.

Motion 11: carries by unanimous voice vote.

The TG is considering two recirculation ballots before Session #38. The recommendation is to have a face-to-face meeting of up to 10 people including the following:

TGe Editor

TGe Chair

Maintenance TG Editor

Others:

Jiang Li

Panyuh Joo



Beomjoon Kim  
 Mo-han Fong  
 John Humbert  
 Mark Cudak  
 Sean Cai  
 Yossi Segal  
 Jose Puthenkulam

Proposed Limits:

- No new material
- No ability to modify submitted contributions
- Establish strict consensus rules
- Minimum 75% approval on individual comments
- Supermajority to approve the final comment resolution package

Motion 12: John Humbert, to establish and authorize a Ballot Resolution Committee (BRC) to resolve the comments from the Sponsor Recirculation Ballot of P802.16e/D8; and to authorize the BRC to conduct resolution of the comments in person, 2<sup>nd</sup> Brian Johnson.

Motion 12: carries 67-0-1.

We expect to be open to comments that are submitted by the IETF.

New proposed list of people as the part of the BRC

Jiang Li  
 Panyuh Joo  
 Beomjoon Kim  
 Mo-han Fong  
 John Hmubert  
 Mark Cudak  
 Sean Cai  
 Yossi Segal  
 Jose Puthenkulam  
 Vladimir Yanover  
 Masoud Olfat  
 Jeff Mandin  
 Seokheon Cho (Added from Motion 14)

Motion 13: Zion Hadad, to approve the list of members above as members of the BRC, 2<sup>nd</sup> John Humbert.

Call the question: Jim Carlo

Motion to call the question carries by voice vote

Motion 13: carries 56-20.

Motion 14: Jose Puthenkulam, to add Seokheon Cho in the BRC, 2<sup>nd</sup> Haixiang He.

Calling the question carries by unanimous voice vote.

Motion 14: carries by unanimous voice vote.

The group was instructed by the WG Chair to be open to reply comments from WG members and to provide daily updates of the comment resolution database.

## Proposed Study Group: "Mobile Multi-hop Mesh/Relay Networking"

Mitsuo Nohara provided an oral report.

More than 40 people participated in the ad hoc meeting, and there was one technical contribution (IEEE C802.16-05/011).

The group expects to propose the formation of a WG Study Group at Session #38.

## **Liaison**

### ***ITU-R***

José Costa presented the report L802.16-04/036r1.

### ***WiMAX Forum***

Roger Marks proposed a letter to the WiMAX Forum (L802.16-04/038).

Motion 15: Frank Draper, to approve L802.16-04/038, 2<sup>nd</sup> Mariana Goldhamer.

Motion 15: 36-0.

### ***IETF EAP Working Group***

The IETF has been asking for a contact person within 802.16. Roger Marks would like to appoint a liaison to handle this work.

Motion 16: Jeff Mandin, to send liaison letter L802.16-04/038 to IETF, 2<sup>nd</sup> Phillip Barber.

Motion 16: carries 15-0.

## **Future Sessions**

Without objection Roger Marks was authorized to draft appreciation letters to the host of Session #37 and the session hotel.

Session #38: 18-21 July 2005: San Francisco, CA, USA with IEEE 802 Plenary Session

Session #39: 12-15 Sept 2005 Taipei. Ching-Tarng Hsieh reported.

The host will hold meeting space for Monday Morning.

Straw Poll for starting time on Monday Morning.

19 for 9am

25 for 1pm

Motion 16: Aditya Agrawal to start Session #38 at 1 pm on Monday, 2<sup>nd</sup> Ambrose Popper

Motion 16: carries 23-9.

Session #40: 14-17 November 2005: Vancouver, BC, Canada with IEEE 802 Plenary Session

Session #41: New Delhi, Aditya Agrawal: host.

Aditya Agrawal asked for a straw poll as to how many people will attend Session #41.

About 50 people expect to be the session in New Delhi.

Session #42 New Orleans at 802 Plenary

Session #43 Site selection will occur during Session #38.

Jose Puthenkulam is exploring an interim session at this time.

## **Publicity**

Without objection, the WG Chair was authorized to prepare a Session #37 Report.

## **New Business**

Brian Kiernan

Regarding the BRC meeting, there are several possible hosts: Mark Cudak, Jose Puthenkulam, Panyuh Joo.

## **Closing**

2005-06-06

IEEE 802.16-05/027

Motion 17: Rémi Chayer , to adjourn the meeting 2<sup>nd</sup> Lei Wang  
Motion 17: carries by unanimous voice vote.

The meeting was adjourned at 12:02 am on 6 May 2005.

## **Registration List: IEEE 802.16 Session #37 2-5 May 2005 in Sorrento, Italy**

Updated 2005-05-31, 23:03 to show 218 attendees, including 206 with "participation" credit..

<b>Participation Credit</b>	<b>Name\Given</b>	<b>Name\Family</b>	<b>Company</b>	<b>City</b>	<b>State\Province</b>	<b>Country</b>
Yes	Ray	Abrishami	Fujitsu Microelectronics America	Sunnyvale	CA	USA
Yes	Edward	Agis	Intel Corp.	Newbury Park	CA	USA
Yes	Aditya	Agrawal	Beceem Communications	Santa Clara	CA	USA
Yes	Baraa	Al-Dabagh	Intel Corp.	San Jose	CA	USA
Yes	Siavash	Alamouti	Intel	Hillsboro	OR	USA
Yes	Murtaza	Ali	Texas Instruments	Dallas	TX	USA
Yes	Mario	Aliotta	Siemens Mobile Communication	Cassina de Pecchi (MI)		Italy
Yes	Avner	Aloush	Alvarion Ltd.	Tel-Aviv		Israel
Yes	Dov	Andelman	Intel Corp.	Raanana		Israel
Yes	Gordon	Antonello	Wi-LAN Inc.	Calgary	AB	Canada
No	Reza	Arefi	Intel Corp.	Hillsboro	OR	USA
Yes	Masahito	Asa	Motorola Japan Ltd.	Tokyo		Japan
Yes	Sung Kwan	Baek	Posdata	Seoul	Gyeonggi-do	Korea
Yes	Paul	Ballentine	FreescaleSemiconductor	Austin	TX	USA
Yes	Phillip	Barber	Broadband Mobile Technologies	Frisco	TX	USA
Yes	Kevin	Baum	Motorola Inc.	Schaumburg	IL	USA
Yes	Mario	Bedoya Martinez	picoChip Designs Limited	Bath		UK
Yes	Izhar	Bentov	Adavcom	San Diego	CA	USA
Yes	Rajesh	Bhalla	ZTE Communications	San Diego	CA	USA
Yes	Eckard	Bogenfeld	Deutsche Telekom	Darmstadt		Germany
Yes	Andre	Bourdoux	IMEC	Leuven		Belgium
Yes	Achim v.	Brandt	Siemens AG	Muenchen		Germany
Yes	Sean	Cai	ZTE Communications	San Diego	CA	USA
Yes	Jim	Carlo	Consultant (for Huawei)	Dallas	TX	USA
Yes	Giulio	Cavalli	Siemens Mobile Communication	Cassina de' Pecchi (MI)		Italy
Yes	Jaesun	Cha	ETRI	Daejeon		Korea
Yes	Chan-Byoung	Chae	Samsung Electronics	Suwon		Korea
Yes	Dean	Chang	Aperto Networks	Milpitas	CA	USA
Yes	Jae Hwan	Chang	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Yes	Sungcheol	Chang	ETRI	Daejeon		Korea
Yes	Yong	Chang	Samsung Electronics	SuwonSi		Korea
Yes	Jim	Chao	Lucent Technologies	Naperville	IL	USA

Yes	Rémi	Chayer	Wavesat Inc.	Dorval	PQ	Canada
Yes	Yuehua (Lucy)	Chen	Huawei Technologies Co., Ltd.	Beijing		China
Yes	Aik	Chindapol	Siemens	Princeton	NJ	USA
Yes	Hua (Mary)	Chion	ZTE Communications	San Diego	CA	USA
Yes	Jaehee	Cho	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Jaeweon	Cho	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Kihyoung	Cho	LG Electronics Inc.	Anyang	Gyeonggi-do	Korea
Yes	Seiji	Cho	Samsung	suwon city	Gyeonggi-do	Korea
Yes	Seokheon	Cho	ETRI	Daejeon		Korea
Yes	Joonsang	Choi	Posdata	Santa Clara	CA	USA
Yes	Yang-Seok	Choi	Intel	Hillsboro	OR	USA
Yes	Joey	Chou	Intel Corp.	Chandler	AZ	USA
Yes	Jin Young	Chun	LG Electronics Inc.	Anyang	Gyeonggi-do	Korea
Yes	Jin Yong	Chung	SOLID Technologies	Seoul		Korea
Yes	Kyuhyuk	Chung	LG Electronics Inc.	Anyangsi	Gyeonggi-do	Korea
Yes	José	Costa	Nortel Networks	Ottawa	ON	Canada
Yes	Guy	Cote	Wavesat Inc.	Dorval	PQ	Canada
Yes	Mark	Cudak	Motorola Inc.	Schaumburg	IL	USA
Yes	Shujun	Dang	Huawei Technologies	Beijing		China
Yes	Elena	Demaria	Telecom Italia Lab	Torino	To	Italy
No	Joël	Demarty	Sequans Comm.	Paris 19		France
Yes	Pascale	Diaine	France Telecom R&D	South San Francisco	CA	USA
Yes	Wim	Diepstraten	Motorola	Nieuwegein	Utrecht	Netherlands
Yes	Frank	Draper	Wavesat	Dorval	PQ	Canada
Yes	Krzysztof	Dudzinski	Airspan Communications Ltd	Uxbridge		UK
Yes	Lester	Eastwood	Motorola Inc.	Schaumburg	IL	USA
Yes	Tomas	Edler	Ericsson AB	Kista		Sweden
Yes	Bill	Edwards	MCI	Vienna	VA	USA
No	Yigal	Eliaspur	Intel Corp.	Jerusalem		Israel
Yes	Roger	Eline	Intel Corp.	San Jose	CA	USA
Yes	Oren	Elkayam	Runcom Technologies Ltd.	Rishon Le Zion		Israel
Yes	Frank	Exeler	Siemens AG	Bocholt		Germany
Yes	Mo-Han	Fong	Nortel Networks	Ottawa	ON	Canada
Yes	Bogdan	Franovici	Redline Communications	Markham	ON	Canada
Yes	Pieter-Paul	Giesberts	Motorola	Utrecht		Netherlands
Yes	Mariana	Goldhamer	Alvarion Ltd.	Tel Aviv		Israel
Yes	Reza	Golshan	Fujitsu Microelectronics America, Inc.	Sunnyvale	CA	USA
Yes	Ilya	Gonorovsky	Motorola	Staten Island	NY	USA
Yes	David	Grandblaise	Motorola Labs	Gif sur Yvette		France
Yes	Qiang	Guo	Motorola, Inc.	Libertyville	IL	USA

Yes	Zion	Hadad	Runcom Technologies Ltd.	Rishon Le Zion		Israel
Yes	Jung Ho	Han	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Seishi	Hanaoka	Hitachi, Ltd.	Tokyo		Japan
Yes	Haixiang	He	Nortel Networks	Billerica	MA	USA
Yes	Gregory	Henderson	Research In Motion	Irving	TX	USA
Yes	David	Holmes	Clearwire	Kirkland	WA	USA
Yes	Ching-Tarnq	Hsieh	Industrial Technology Research Institute	Hsinchu		Taiwan
Yes	Ihsiu	Huang	CCL, ITRI	taipei		Taiwan
Yes	Keng-Ming	Huang	Industrial Technology Research Institute	HsinChu		Taiwan
Yes	John	Humbert	Sprint	Overland Park	KS	USA
Yes	Yerang	Hur	Posdata America R&D Center	Santa Clara	CA	USA
Yes	InSeok	Hwang	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Bin-Chul	Ihm	LG Electronics Inc.	Anyang	Gyeonggi-do	Korea
No	Jiho	Jang	Samsung Electronics	Suwon	Gyeonggi-Do	Korea
Yes	Moo Ryong	Jeong	DoCoMo USA Labs	San Jose	CA	USA
Yes	Yong Seok	Jin	LG Electronics Inc.	Anyang		Korea
Yes	Brian	Johnson	Nortel Networks	Germantown	MD	USA
Yes	Panyuh	Joo	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Hyunjeong	Kang	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Shanfung	Ke	Huawei Technologies Co. Ltd	Shenzhen	Guangdong	China
Yes	Ofer	Kelman	Airspan	Lod		Israel
Yes	Brian	Kiernan	InterDigital Communications Corp.	King of Prussia	PA	USA
Yes	Beomjoon	Kim	LG Electronics Inc.	Anyang	Gyeonggi-do	Korea
Yes	Dae-Joong	Kim	Posdata	Seongnam-si	Gyeonggi-do	Korea
Yes	Eunkyung	Kim	ETRI	Daejeon		Korea
Yes	Jaeyoel	Kim	Samsung Electronics	Suwon		Korea
Yes	Ronny (Yong-Ho)	Kim	LG Electronics Inc.	Anyang-shi	Gyeonggi-do	Korea
Yes	Yong Bum	Kim	KT Corp	Sungnam-city	Gyeonggi-do	Korea
Yes	Youngho	Kim	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Takuya	Kitamura	Fujitsu Labs. of America	Sunnyvale	CA	USA
Yes	Itzik	Kitroser	Runcom Technologies Ltd.	Rishon Le Zion		Israel
Yes	Toshiyuki	Kuze	Mitsubishi Electric	Kamakura, Kanagawa		Japan
Yes	Jonathan	Labs	Wavesat Inc.	Dorval	PQ	Canada
Yes	Kari	Laihonen	TeliaSonera	Helsinki		Finland
Yes	Guillaume	Lebrun	France Telecom	Cesson Sevigne Cedex		France
Yes	Chang-jae	Lee	LG Electronics Inc.	Anyang-shi	Gyeonggi-do	Korea
Yes	Geunho	Lee	Samsung Electronics	Suwon	Gyeonggi-do	Korea

## IEEE 802.16 Session #37 Attendance List

Yes	Jae Hak	Lee	SOLID Technologies, Inc.	Seoul		Korea
Yes	Seong Choon	Lee	KT Corp.	Seoul		Korea
Yes	Sungjin	Lee	Samsung Electronics	Suwon	Gyeonggi-do	Korea
No	Yigal	Leiba	Runcom Technologies Ltd.	Rishon Le Zion		Israel
No	Barry	Lewis	Redline Communications Inc.	Lightwater	Surrey	UK
Yes	Jiang	Li	Huawei Technologies Co., Ltd.	Shanghai		China
Yes	Jun	Li	Nortel Networks	Richardson	TX	USA
No	Rui	Li	ZTE corporation	Shenzhen		China
Yes	Thomas	Li	Huawei Technologies	Santa Clara	CA	USA
Yes	Yongmao	Li	Huawei Technology	Shanghai		China
Yes	Gaspare	Licitra	Siemens	Milan		Italy
Yes	Aeri	Lim	Samsung Electronics Co.	Suwon-city	Gyeonggi-do	Korea
Yes	Geunhwi	Lim	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Hyoung Kyu	Lim	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Hyoungsoo	Lim	ETRI	Daejeon		Korea
Yes	Han-Chiang	Liu	Industrial Technology Research Institute	HsinChu		Taiwan
Yes	Heinz	Lycklama	Adaptix, Inc.	Arlington	WA	USA
Yes	Michael	Lynch	Nortel Networks	Richardson	TX	USA
Yes	Steve	Ma	Freescale Semiconductor, Inc.	Austin	TX	USA
Yes	David	Maez	Navini Networks	Richardson	TX	USA
Yes	David	Maidment	picoChip Designs Ltd	Bath		UK
Yes	Mahesh	Makhijani	Ericsson	San Diego	CA	USA
No	Jeffrey	Mandin	Streetwaves Networking	Jerusalem		Israel
Yes	Roger	Marks	NIST	Boulder	CO	USA
Yes	Asaf	Matatyaou	ArrayComm	San Jose	CA	USA
No	Nir	Metzer	Intel Corp.	Nes-Ziona		Israel
Yes	Scott	Migaldi	Motorola Inc.	Schaumburg	IL	USA
Yes	James	Mollenauer	Technical Strategy Associates	Newton	MA	USA
Yes	Roland	Muenzner	Alcatel SEL AG	Stuttgart		Germany
Yes	Moyeen	Mufti	Fujitsu Laboratories of Europe	Hayes	Middlesex	United Kingdom
No	Willem	Mulder	Mulder Innova	Houten		Netherlands
Yes	Ronald	Murias	Wi-LAN Inc.	Calgary	AB	Canada
Yes	Michiharu	Nakamura	Fujitsu Laboratories Ltd.	Yokosuka	Kanagawa	Japan
Yes	Madjid	Nakhjiri	Motorola	schaumburg	IL	USA
Yes	Guanjun	Ni	Huawei Technologies Co. LTD.	Shanghai	Shanghai	China
Yes	Mitsuo	Nohara	KDDI R&D Labs.	Kamifukuoka	Saitama	Japan
Yes	Paul	Odlyzko	Motorola Inc.	Schaumburg	IL	USA
Yes	Min Seok	Oh	LG Electronics Inc.	Anyang	Gyeonggi-do	Korea

Yes	Masoud	Olfat	Nextel Communications	Reston	VA	USA
Yes	Dave	Pechner	ArrayComm, Inc.	San Jose	CA	USA
Yes	Uri	Perlmutter	Intel	Ranaana		Israel
Yes	Paul	Piggin	Cygnus Multimedia Communications	Carlsbad	CA	USA
Yes	Ambroise	Popper	Sequans Communications	Paris		France
Yes	Russell	Priebe	Freescale Semiconductor	Austin	TX	USA
Yes	Michael	Probasco	Nokia		TX	USA
No	Jose	Puthenkulam	Intel Corp.	Hillsboro	OR	USA
Yes	Feng	Qian	Via Telecom	San Diego	CA	USA
Yes	Kamlesh	Rath	Beceem Communications	Santa Clara	CA	USA
Yes	Frank	Royal	Redline Communications Inc.	Markham	ON	Canada
Yes	Anthony	Reid	Nokia	Irving	TX	USA
Yes	Francis	Retnasothie	CableTV Technology Inc.	Toronto	ON	Canada
Yes	Douglas	Reudink	Adaptix, Inc.	Seattle	WA	USA
Yes	Maximilian	Riegel	Siemens	Munich		Germany
Yes	Wonil	Roh	Samsung Electronics	Suwon-city, Gyeonggi-do		Korea
Yes	Herbert	Ruck	Navini Networks	Richardson	TX	USA
Yes	Kiseon	Ryu	LG Electronics Inc.	Anyang-shi	Gyeonggi-do	Korea
Yes	Andrew	Sago	BT	Ipswich	Suffolk	UK
Yes	Yousuf	Saifullah	Nokia	Irving	TX	USA
Yes	Kenji	Saito	KDDI R&D Laboratories Inc.	Yokosuka	Kanagawa	Japan
Yes	Atul	Salvekar	Intel Corp.	San Jose	CA	USA
Yes	Claudio	Santacesaria	Siemens	Cassina de' Pecchi	Milano	Italy
Yes	Brett	Schein	Beceem	Santa Clara	CA	USA
Yes	Gregory	Schumacher	Nextel Communications	Reston	VA	USA
Yes	Randall	Schwartz	Intel Corp.			USA
Yes	Christian	Seagren	Sprint PCS	Overland Park	KS	USA
Yes	Yossi	Segal	Runcom Technologies Ltd.	Rishon Le Zion		Israel
Yes	Radu	Selea	Redline Communications	Markham	ON	Canada
Yes	Itzik	Shahar	Intel	Ra'anana		Israel
Yes	Sten	Sjoberg	Ericsson AB	Goteborg		Sweden
Yes	Clare	Somerville	picoChip Designs Limited	Bath		UK
Yes	Jung Je	Son	Samsung Electronics	Seoul		Korea
Yes	Yeong Moon	Son	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Yes	Kenneth	Stanwood	Cygnus Multimedia Communications	Carlsbad	CA	USA
Yes	Kyungjoo	Suh	Samsung	suwon-city	Gyeonggi-do	Korea
Yes	Shawn	Taylor	Cygnus Multimedia Communications	Carlsbad	CA	USA
Yes	Yongjoo	Tcha	KT	Seoul		Korea



Yes	Mark	Thomas	Airspan Networks	Uxbridge		UK
Yes	Wen	Tong	Nortel Networks	Ottawa	ON	Canada
Yes	Shiau-He Shawn	Tsai	Ericsson	San Diego	CA	USA
Yes	Rainer	Ullmann	Wavesat Inc.	Dorval	PQ	Canada
Yes	Sunil	Vadgama	Fujitsu Laboratories of Europe Ltd	Hayes, Middlesex		UK
Yes	Mano	Vafai	Aperto Networks	Milpitas	CA	USA
Yes	Richard	van Leeuwen	Motorola	Utrecht	Utrecht	Netherlands
Yes	Subramanian	Vasudevan	Lucent Technologies	Whippany	NJ	USA
Yes	Dorin	Viorel	Wi-LAN Inc.	Calgary	AB	Canada
Yes	Mathys	Walma	Intel	Hillsboro	OR	USA
Yes	Guo Qiang	Wang	Nortel Networks	Ottawa	ON	Canada
Yes	Irving	Wang	ZTE Communications	San Diego	CA	USA
Yes	Jibin	Wang	Huawei	Shanghai		China
Yes	Jing	Wang	ZTE San Diego	San Diego	CA	USA
Yes	Lei	Wang	Cygnus Multimedia Communications	Carlsbad	CA	Canada
Yes	Lisa	Ward	Rohde & Schwarz	Beaverton	OR	USA
Yes	Mattias	Wennstrom	Huawei Technologies	Kista	Stockholm	Sweden
Yes	Alfred	Wieczorek	Motorola, Inc.	Plantation	FL	USA
Yes	Geng	Wu	Nortel Networks	Richardson	TX	USA
Yes	xuyong	Wu	huawei	Shenzhen	Guangdong	China
Yes	Janice	Wunsch	Lucent Technologies	Naperville	IL	USA
Yes	Hassan	Yaghoobi	Intel Corp.	Santa Clara	CA	USA
Yes	Fu	Yan	huawei	Shenzhen	Guangdong	China
No	Ran	Yaniv	Alvarion Ltd.	Tel Aviv		Israel
Yes	Vladimir	Yanover	Alvarion Ltd.	Tel Aviv		Israel
Yes	Choong-Il	Yeh	ETRI	Deajeon		Korea
Yes	Aeran	Youn	LGE	Anyang	Gyeonggi-do	Korea
Yes	Jungnam	Yun	Posdata	Santa Clara	CA	USA
Yes	Nader	Zein	NEC	London		UK
Yes	ruobin	zheng	huawei	Shenzhen	Guangdong	China
Yes	Chenxi	Zhu	Fujitsu Labs of America	College Park	MD	USA
Yes	Peiying	Zhu	Nortel Networks	Ottawa	ON	Canada
Yes	Ilan	Zohar	Intel	Ranaana		Israel