Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**Minutes of IEEE 802.16 Session #54**
Date Submitted	**2008-03-26**
Source(s)	Peiying Zhu Voice: +1 613 7658089
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Abstract	IEEE 802.16 Session #54 Minutes (Orlando, FL, USA)
Purpose	To record the minutes of the IEEE 802.16 Working Group Opening and Closing Plenary meetings at Session #54. For approval at Session #55.
Release	The contributor grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE's name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE's sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that this contribution may be made public by IEEE 802.16.
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 #54

IEEE 802.16 Working Group
Orlando, FL, USA
17 – 20 March 2008

IEEE 802.16 Session #54 Opening Plenary Meeting

March 17, 2008

Call to Order

The meeting was called to order by the Working Group (WG) Chair Roger Marks at 1:13 pm. He welcomed the attendees to Session #54 of the IEEE 802.16 WG. Roger provided the URL for the opening plenary agenda <http://ieee802.org/16/meetings/mtg54/opening.html>. Roger introduced himself, Working Group (WG) Vice Chair Jose Puthenkulam, and Secretary Peiying Zhu.

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.

CD ROM: IEEE 802 CD-ROM (Nov 2007 edition) should available at registration to all registered attendees who did not receive it in Nov 2007.

WLAN SSID="IEEE"

·   IEEE 802.16 server: http://newton.events.ieee.org/16 or http://lan.wirelessman.org

Membership and Voting

The lists of WG Members, Potential Members, Members in Peril, and Observers were explained by the Chair. Roger explained several reasons that someone in the potential member list might not receive a voting token, mainly due to the mismatch of information provided during the registration with the data in the database.

The electronic attendance sign-in log procedure was explained by Roger. Roger emphasised that the affiliation field in the sign-in log must be filled based on the IEEE-SA affiliation disclosure requirements, as detailed on the Opening Plenary Agenda. The session is planned to include nine attendance intervals [Mon pm; Mon evening; Tue am; Tue pm; Wed am; Wed pm; Thu am; Thu pm; Thu evening]. The "Participation" Requirement, nominally 75%, will be satisfied with six intervals. Roger emphasised the importance of using the correct names and Member ID upon signing, in order to receive the correct attendance credits. The membership ID is not displayed on the badge. The correct membership ID is required for the electronic log.

Roger explained that the affiliation needs to be declared at every session. Attendance software's mandatory "Affiliation" field is the appropriate Affiliation per IEEE-SA affiliation disclosure requirements and will be reported as such.

Attendance credit will be granted **to 802.16 members** for participation in IEEE 802.18, 802.19, and 802.21; you are responsible to record this in the IEEE 802.16 attendance log and forward proof of participation to WG Chair by end of week (Friday).

Officer Election Ballot Distribution

Roger asked volunteers to help ballot distribution and collection.

Scott Probasco, Phillip Barber, Herbert Ruck volunteered to serve as the Election Committee.

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

Motion (at 1:30pm): "To approve the Opening Plenary Meeting Agenda as presented <http://ieee802.org/16/meetings/mtg54/opening.html>", moved Brian Kiernan by seconded by Mariana Goldhamer, passed with unanimous consent.

Approvals

Roger reviewed the draft minutes of Session #53 *(IEEE 802.16-08/004)* and asked for comments or concerns on the minutes. No comments were received.

Motion (at 1:31pm): "*To approve the Minutes of Session #53 (IEEE 802.16-08/004) and decisions therein. ", moved by* David Johnston, seconded by Timothy Thome, approved with unanimous consent.

Chair's Report

Administrative, Procedural, and Announcements (see Chair's Opening Plenary Presentation Slides)
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>.

Roger displayed the link to the 802.16-related patent Letters of Assurance (http://standards.ieee.org/db/patents/pat802_16.html)

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

· The IEEE's patent policy is consistent with the ANSI patent policy and is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
· Early identification of patent claims which may be essential for the use of standards under development is encouraged;
· There may be Essential Patent Claims of which the IEEE is not aware. Additionally, neither the IEEE, the WG, nor the WG chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.

Slide #1-#4 ("IEEE-SA Standards Board Bylaws on Patents in Standard") and Slide #5 (Other Guidelines for IEEE WG meetings) and slide #0 were shown. The slides are available at http://standards.ieee.org/board/pat/pat-slideset.ppt.

An opportunity was provided for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim (s)/patent application claim(s) that the participant believes may be essential for the use of that standard. Roger emphasized that the Bylaws take precedence over the patent slides and encouraged people to read the Bylaws if they have questions.
There were no other responses on the patent topic.

Roger advised TG chairs regarding reiteration of the Call for Patents.

IEEE 802 P&P issues

Roger highlighted parts of the IEEE 802 Policies and Procedures (P&P) <http://ieee802.org/devdocs.html>
 as shown in the opening slides in document IEEE 802.16-08/012, in particular, issues related to WG operation, Chair's function, WG Rules such as working group domination, copyrights and contribution procedures.

Roger emphasized the need to follow the contribution template. Submissions that violate the procedure will not be accepted.

IEEE 802: Project Progression

The following subjects were reviewed by Roger.
– Possible PARs
IEEE 802 PARs under consideration (http://ieee802.org/16/meetings/mtg54/lmsc/pars.html) were reviewed. Roger asked for comments on the PARs. Jose asked if it is possible to send comments later on and the deadline for the comments. Roger explained that the WG comments are due by 5 pm Tuesday. However, .16 WG will not have any chance to review any individual's comments after the opening plenary to meet the deadline. Roger suggested submitting individual comments to EC if there are any.
– Possible Drafts to Sponsor Ballot on Friday
• .16j and .16h are on the list for possible conditional approval request.
– Possible Drafts to RevCom on Friday
– Study Groups
  ○ 802.11: will request VHT and VTS extensions
  ○ 802.15: will request RFID extension; going slowly
  ○ 802.21: will request extension of two SGs
    ▪ need to complete base standard first

IEEE 802 EC Issues

Roger updated the group on the following EC issues.
– Elections
– EC incumbents intend to continue
  ○ some by election; some by nomination
  ○ James Gilb will be nominated as Recording Secretary
– New "IMAT" attendance software from IEEE
  ○ trialing again this week
– IMT-Advanced in 802.18
  ○ Discussion regarding technical proposals
    ▪ Tuesday 7 pm (Caribbean 5)

EC meetings for the week

EC meeting schedule were displayed for those who are interested in attending.

IEEE Standards Process Training

Free on line training is available at: http://ieee802.org/training.htm

Review of Session #53 Report

Roger reviewed Session #53 Report and strongly encouraged the group to read the report to get familiar with the groups' progress.

IEEE-SA Actions

· P802.16i PAR withdrawal request: approval expected on 27 March
· IEEE Std 802.16k and IEEE 802.16/Conformance04 now available at Get IEEE 802™
Roger asked if anyone is interested to get hold of IEEE Std 802.16g in pdf format, noting that the content has been integrated into the 802.16Rev2 draft. A few members raised their hands. Roger will send instructions.

Roger reviewed the Session #54 Document Guide.

Schedule for the Week

The schedule for the week was presented for the various task groups and ad hoc groups
< http://dot16.org/calendar/week.php?date=20080317>.
Roger noted that there will be a WG editors' meeting on Friday for TGs seeking EC conditional approval.
Roger mentioned that there will be an 802.16 Open Office from 6-8:pm on Monday night to address any questions or comments from the attendees.
Roger encouraged TG leaders to drop in during this time, but their attendance was not required.

Roger informed the group of IEEE 802 Tutorials to be held on Monday and Tuesday nights.

TGm

The TGm Chair, Brian Kiernan presented the opening report (document C802.16m-08/010). Brian reviewed the plan for the week. Brian informed the group there will be a joint meeting with the Relay TG on Tuesday morning and there was no current plan to hold any evening meetings.

There was a request to have an evening meeting. Roger suggested discussing the detailed work plan in the TGm meeting.

License-Exempt Task Group

The LE TG Chair, Mariana Goldhamer, presented the opening reported (see IEEE 802.16h-08/005), including the Letter Ballot #29 status and the plan for the week.

Roger explained how to submit a list of satisfied Disapprove comment resolutions using the *Commentary* "cmts" format. Roger encouraged people to submit the list in order to help .16h and .16j to seek sponsor ballet approval.

Relay Task Group

Roger explained an issue regarding the 802.16j Sponsor Ballot Group formation. The ballot group has not been finalized due to the participant's category imbalance, specifically, the participants from the Producer group is over 50%:

Academic	10	6.1%
General Interest	39	23.9%
Government/Military	2	1.2%
Producer	92	56.4%
User	20	12.3%

The invitation to join the sponsor ballot has been extended to 26 March in order to seek a balanced group.

[*Note added: The Sponsor Ballot Group was was balanced when the extended invitation closed on 26 March.*]

The Relay TG Chair Mitsuo Nohara reported the status of the Letter Ballot Recirc #28b (83% approval ratio, 89% return ratio) on IEEE P802.16j/D3. Nohara-san then explained the Relay Task Group draft agenda for the week (IEEE 802.16j-08/004) and expected motions for the WG Closing Plenary.

Maintenance Task Group

The Maintenance TG Chair, Jonathan Labs, presented the opening report (IEEE 802.16maint-08/006r1). Jon reviewed the progress on the revision project (P802.16Rev2/D3 is the latest document), reporting the LB #26b status (86% return ration, approval ratio 78%). Jon displayed the list of names of Disapprove voters who did not submit comments or new comments for LB #26b and encouraged those who wish to change their positions to inform him. Jon also displayed the list of contributions with wrong formats. Jon commented that those contributions will not be accepted unless the formats are corrected. Jon reported the maintenance rapporteur activities and indicated that the rapporteur group will continue to discuss through the week. Jon then reviewed the proposed agenda, comment resolution strategy for the week and expected motions in the WG closing plenary.

Attendance in rapporteur group meetings will be credited as TG meetings. Jon confirmed that each rapporteur group's responsibility is to generate harmonized contributions/recommendations.

Jose Puthenkulam has concerns on the Rev2 schedule since other TGs (Relay and LE) have dependence on the Revision project. Jon responded that forming of rapporteur groups is speeding the process.

Network Management Task Group

Roger presented WirelessMAN T-shirts to Phil Barber for his TG Chair leadership for the IEEE Std 802.16g, which was published on 13 December 2007. He also presented a shirt to Jose Puthenkulam for serving as co-editor of that standard. Roger recognized Achim Brandt as Chief Technical Editor of IEEE 802.16g, but Achim was not present at that time.

Liaison

ITU

José Costa presented the following liaison documents and other external communications related to the work in ITU-R.

- IEEE L802.16-08/003
- Liaison statement from ITU-R WP 5D: On the schedule for updating Recommendation ITU-R M.1457 to Revision 9 (2008-02-27)
- IEEE L802.16-08/004
- Liaison statement from ITU-R WP 5D: Request for clarification on OFDMA TDD WMAN BS and MS ACS values (2008-02-27)
- IEEE L802.16-08/005
- Liaison statement from ITU-R WP 5A: Request for input for a revision of recommendation ITU-R M.1801
- IEEE L802.16-08/008
- IMT-Advanced Circular Letter

Motion (3:27pm): "*To authorize the ITU-R Liaison Group to draft documents regarding contributions to ITU-R as needed, tentatively approve them on behalf of the WG (subject to confirmation at the 802.16 Closing Plenary), and submit them for 802.18 review'', moved by José Costa, seconded by Lei Wang, passed by 120/0/1.*

Phil Barber asked if there is a need to form 802.16 WG opinions on the IEEE 802.18 TAG's intention to submit a joint technical contribution to ITU-R. Roger responded that there was a liaison letter to the 802.18 TAG in Session #51 and the motion just passed authorized ITU-R liaison group to draft documents regarding contributions to ITU-R as needed.

Phil Barer and Sassan Ahmadi expressed concerns on this issue:
1) 802.18 may not be in a good position to submit a joint contribution since they are not familiar with the technical content
2) Submitting joint technical contributions to ITU is outside of the charter (scope) of 802.18.

Jose Puthenkulam commented that he shared many of views expressed by Phil and Sassan. It is not required to submit a joint technical submission via 802.18. He has no issue for other groups to submit separate contributions; however, it is not desired to have other WGs or TAGs modify 802.16's technical submissions.

CCSA (IEEE L802.16-08/007)

Dong Xiaolu, serving as Liaison to IEEE 802.16 from CCSA TC5, presented a summary of CCSA activities related to IEEE 802.16 (http://ieee802.org/16/liaison/docs/L80216-08_007.pdf).

WiMAX Forum (IEEE L802.16-08/006)

Roger reviewed a note from Ron Resnick, President and Chairman of the WiMAX Forum.

Jose Puthenkulam volunteered to draft a response letter to be approved in the Closing Plenary to forward for EC approval.

IETF Liaison issues

The IETF Liaison Chair David Johnston presented an IETF Liaison report (L802.16-08/009)**.** Roger asked if anyone other than David Johnston is interested in submitting comments to 16ng's call for comments on "Transmission of IP over Ethernet over IEEE 802.16 Networks", but no one responded.

David Johnston commented that he will not able to attend IETF meeting regularly due to his other involvements. He would like someone else to take over the IETF liaison duty. Roger commented that it is not necessary to attend IETF meeting regularly in order to be an effective liaison officer and asked anyone interested in serving as the IETF liaison officer to talk to him.

Charge to Task Groups: Actions and Reporting

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.

Future Sessions <http://ieee802.org/16/calendar.html>

· Session #55: 12-15 May 2008 in Macau, China (hosted by Jianmin Lu)

The host Jianmin is absent due to a new baby arrival. Sean McBeath will provide an update in the closing plenary.
· Session #56: 14-17 July 2008 in Denver, CO, USA, with IEEE 802 Plenary Session
· Session #57: 16-19 September 2008 (Tue-Fri) in Kobe, Japan (hosted by Mitsuo Nohara)
· Session #58: 10-13 November 2008 in Dallas, TX, USA, with IEEE 802 Plenary Session
· Session #59: Jan 2009 (preferably 12-15 Jan): Interim Session; site to be determined at Closing Plenary of Session #54
· *Proposals solicited*; please see IEEE 802.16 Interim Session Guidelines.

Ramon Khalona (from NextWave Wireless) indicated that he is working on a proposal to hold the session in Rio de Janiero. He will present this in the Closing Plenary.
· Session #60: 9-12 March 2009 in Vancouver, Canada, with IEEE 802 Plenary Session

Officer Elections

Roger reviewed the WG officer election procedure in IEEE 802.16-03/28. He noted that, according to that procedure, one candidate had been nominated for each of the two officer positions in time to be included on the paper ballot (IEEE 802.16-08/008).

Election of Chair

Jose Puthenkulam took over the meeting and introduced the Working Group Chair candidate Roger Marks, who provided his statement. Roger then left the room. The floor was open for comments. Jose reminded the group to stay on positive comments according to the officer election rules. Several people voiced their supports to Roger. Jose asked if there were any other nominations, none was received.

Roger returned to the meeting room and took over the meeting.

Election of Vice Chair

Roger introduced the Working Group Vice Chair candidate Jose Puthenkulam, who provided his statement. Jose left the room; Roger requested if there were other nominations for the Vice Chair position, none was received. The floor was open for discussion, no discussion was received.

Ballots were brought to the table of the Election Committee in the front of the room. Roger suggested to adjourn the plenary meeting during the ballot counting. No objections were received.

New Business

No new business.

Motion (4:33pm) "To adjourn the meeting", moved by Carl Eklund, seconded by Dan Gal, passed by unanimous voice consent.

The meeting was adjourned at 4:33 pm for the designated Election Committee to count the ballots.

IEEE 802.16 Session #54 Closing Plenary Meeting

20 March 2008

Call to Order

Roger called the meeting to order at 7:36 pm**.**

Patent Policy Slides

Chair reminded the attendees the IEEE 802 patent policy.
http://standards.ieee.org/board/pat/pat-slideset.pdf

An opportunity was provided for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim (s)/patent application claim(s) that the participant believes may be essential for the use of that standard. Roger emphasized that the Bylaws take precedence over the patent slides and encouraged people to read the Bylaws if they have questions.

There were no other responses on the patent topic.

Approval of Agenda

The Closing Plenary agenda <http://ieee802.org/16/meetings/mtg54/closing.html> was reviewed.

Motion (7:39pm): "To approve the Closing Plenary agenda http://ieee802.org/16/meetings/mtg54/closing.html", approved with unanimous voice vote.

Working Group Issues

Phil Barber of the Election Committee (including Herbert Ruck and Scott Probasco) reported the Officer Election results (**C802.16-08/013r1.**). Roger Marks was elected as WG chair, Jose Puthenkulam as Vice Chair.

Election Results:
Chair
Roger Marks 162 99.4%
Write-in 1
Total 163

Vice Chair
Jose Puthenkulam 145 89.0%
Write-in 18
Total 163

TGm

A report was presented by the TGm Chair, Brian Kiernan (IEEE 802.16m-08/013r2).

Relay Task Group

A report was made by the Relay TG Chair, Mitsuo Nohara (IEEE 802.16j-08/005r1) on the progress of the Relay TG.

Motion (7:58pm): " **To approve P802.16j/D4 (to be issued by the Relay TG Editors) as the revised working group draft and to authorize the WG Chair to proceed to the 4th letter ballot recirculation on p802.16j/D4 to close about 10 May, 2008 AOE**", moved by Mitsuo Nohara, seconded by Wen Tong, passed 85/0/2.

Motion (8:00pm): " **To authorize the WG Chair to request EC's conditional approval to initiate Sponsor Ballot on P802.16j/ D4 or latest version**", moved by Mitsuo Nohara, seconded by Jeffery Tao, passed 56/6/7.

There were discussions on the timing between revision project and 802.16j.

Roger reviewed the conditional approval procedure. He commented that the motion authorizes the WG chair to seek EC conditional approvalbut does not mandate the chair to do so in case the chair felt that he can not make the case to EC. This will depend on the outcome of the documentation preparation meeting on Friday morning.

Phil Barber, Sean Cai and Jeffery Tao indicated that they are flipping their Working Group Letter Ballot #28
 Disapprove votes to Approve votes.

License-Exempt Task Group

A report was made by the TG Chair, Mariana Goldhamer (IEEE 802.16h-08/007).

Hubert Ruck announced that he was flipping his vote to Approve in WG Letter Ballot #29.
Phil Barber indicated that he will maintain his disapproval vote based on Carl Eklund's comment even though he did not submit any comments.

Motion (8:39pm): "Authorize the LE TG Editor to create the Working Group Draft IEEE P802.16h/D5 based on the comment resolutions recorded in:
  – database IEEE 802.16-08/009r3
  – comments not implemented from the database IEEE 802.16-07/053r8.",
moved by Mariana Goldhamer, seconded by Paul Piggin, passed 39/0/2.

Motion (8:41pm): "To authorize the WG Chair to request EC's conditional approval to initiate Sponsor Ballot on P802.16h/D5 or latest version", moved Mariana Goldhamer, seconded by Harry Bims.

Phil Barber commented that Carl Eklund has a comment that might cause a problem in the EC and requested to see the comment. Carl summarized his comment. Mariana reviewed the response from the Task Group. Phil expressed concern that the defined message may be a layer violation.

Motion failed: 18/13/4.

Roger suggested discussing the issue raised by Carl's comment with some EC members to find a way to move forward.

Maintenance Task Group

A report was presented by the TG Chair, Jon Labs (IEEE 802.16maint-08/009r3).

Motion (9:04pm): " *To accept draft P802.16-Rev2/D3 as modified by the comment resolutions (IEEE 802.16-08/010r2) and open a Working Group Recirculation Letter Ballot on the draft (P802.16-Rev2/D4).*", moved by Jon Labs, seconded by Scott Probasco, passed by 65/0/0.

Jon displayed the list of Disapprove votes and reminded people on the list either to submit comments or change their votes.

Jon announced that the existing Rapporteur Groups will continue and a new ROHC Rapporteur Group, chaired by Erik Colban, was added.

ITU-R Liaison Group

ITU Liaison Officer José Costa provided a report of the meeting of the ITU-R Liaison Group during Session #54 **(L802.16-08/018)** and reviewed several output documents from the ITU-R liaison group listed in the report.

There were discussions and comments on the document IEEE L802.16-08/010d0.

Motion (9:57pm): " To confirm the approval of IEEE L802.16-08/011d0, IEEE L802.16-08/012d0, L802.16-08/013d0, IEEE L802.16-08/014d0, IEEE L802.16-08/015d0, IEEE L802.16-08/016d0, IEEE L802.16-08/017d0 and authorize the WG Chair to

follow up with 802.18 and support an associated motion at the 802 EC as required", moved by José Costa, seconded by Sassan Ahmadi, 49/0/0.

José Costa displayed the 802.18 TAG's Report of its Tuesday evening meeting on IMT-Advanced, on the request of Jose Puthenkulam. Jose commented that he sent a comment on that report to the 802.18 chair and had not received response yet. Roger noted and will talk to Mike Lynch if the opportunity occurs in the EC meeting.

Motion (10:04pm): "To confirm the approval of IEEE L802.16-08/010d1 subject to agreement by an ad-hoc group (to include Anna Tee and Jose Puthenkulam) and representatives of 802.11 on Section 4.4 and 4.8 of the document and authorize the WG Chair to follow up with 802.18 and support an associated motion at the 802 EC as required", moved by Brian Kiernan, seconded by Lei Wang, passed by 36/0/0.

802.18 report

Roger provided an oral report on the 802.18 TAG's Tuesday evening meeting on IMT-Advanced. He noted that the meeting had received five input contributions. Three of these came from 802.16 (IEEE L802.16-07/061, IEEE L802.16-08/010d1, and IEEE L802.16-08/010d0). Another was a contribution from the 802.16 Chair reporting on the first meeting of ITU-R WP 5D (IEEE C802.16-08/008). The final contribution (IEEE C802.16-08/012) was prepared especially for this meeting by Roger Marks and Bruce Kraemer (who was elected as Chair of the 802.11 WG on 19 March). The last document proposed a process for 802.18 to review WG technical proposals for IMT-Advanced. That proposal was accepted by 802.18.

802.19 Report

802.19 Liaison Officer Paul Piggin presented a Coexistence TAG Liaison Report (IEEE L802.16-08/020).

802.11 and 802.15

Roger proposed a draft Liaison Letter to the 802.11 and 802.15 Working Groups on Co-located coexistence among 802.11, 802.15, and 802.16 devices (IEEE L802.16-08/019d0).

There were questions/clarifications on the intention of the letter.

Roger asked if there is a volunteer to participate this activity. Naftali Chayat mentioned that Mariana Goldhamer may be interested, but she was absent.

Bluetooth SIG

Roger proposed draft Liaison Letter to the Bluetooth SIG on Co-located coexistence.

No comments.

Motion (10:33pm). "To approve IEEE L802.16-08/019d0 and IEEE L802.16-08/020d0", moved by Phil Barber, seconded by Mark Cudak, and passed by 40/0/0.

WiMAX forum

Jose Puthekulam presented his "Proposed Liaison statement to WiMAX Forum" (IEEE L802.16-08/021d0).

Motion (10:39pm): "To approve the letter contained inside the document IEEE L802.16-08/021d1 subject to 802 EC review", moved by Jose Puthenkulam, seconded by Darcy Poulin, and passed by 41/0/0.

CCSA

Dong Xiaolu presented the draft Liaison Statement to CCSA (IEEE L802.16-08/023d0).

Motion (10:50pm): "To approve the Liaison Statement to CCSA (IEEE L802.16-08/023d1)", moved by Dong Xiaolu, seconded by Ronald Murias, and passed by 37/0/0.

802.21

Ranga Reddy presented a report on Emergency Services discussions in the 802.21 WG (IEEE C802.16-08/011).

IETF

Roger asked if there is any volunteer for the opening as liaison officer to IETF. No response was received.

Future Sessions http://ieee802.org/16/calendar.html

· Session #55: 12-15 May 2008 in Macau, China (hosted by Jianmin Lu)

Sean McBeath presented information on behalf of the host Jianmin Lu on the next session (IEEE C802.16-08/010r2)

· Session #56: 14-17 July 2008 in Denver, CO, USA, with IEEE 802 Plenary Session
· Session #57: 16-19 September 2008 (Tue-Fri) in Kobe, Japan (hosted by Mitsuo Nohara)

Nohara-san gave a short update.

· Session #58: 10-13 November 2008 in Dallas, TX, USA, with IEEE 802 Plenary Session
· Session #59: Jan 2009 (preferably 12-15 Jan): Interim Session; site to be determined at Closing Plenary of Session #54
· *Proposals solicited*; please see IEEE 802.16 Interim Session Guidelines.

Ramon Khalona presented a proposal for NextWave Wireless to host IEEE 802.16 Session # 59 in Rio de Janeiro, Brazil in January 2009 (S802.16-08/009 and C802.16-08/009).

Motion " To accept the proposal S802.16-08/009", moved by Lei Wang, seconded by Shkumbin Hatimi, passed by unanimous voice vote.

· Session #60: 9-12 March 2009 in Vancouver, Canada, with IEEE 802 Plenary Session
· Session #61: May 2009

Ahmed Shalash informed the group that he intended to make a proposal to host Session #61 in Egypt, jointly hosted by Cairo University and CITA.

Publicity

The Chair was authorized to prepare the Session #54 Report , without objection.

EC Motions

EC Motions and other EC Business (PARs, etc)

Roger reviewed a list of motions to be made in the EC meeting and PARs to be discussed in EC meeting.

<http://wirelessman.org/meetings/mtg54/lmsc>
<http://wirelessman.org/meetings/mtg54/lmsc/pars.html>

Editor's Meeting: Friday, 9-12 am, Governor's Boardroom. Relay TG leaders will attend to prepare Conditional Approval motion documentation.

New Business

Roger, as the new elected WG Chair, confirmed the appointment of Peiying Zhu as WG Secretary for the new term. He then presented a WirelessMAN polo shirt to Peiying for her contribution serving as the WG Secretary for the last term.

Closing

A Motion to adjourn the meeting was made by Lei Wang, seconded by Phil Barber, and carried by unanimous voice vote. The meeting was adjourned at 23:28 on March 20 2008.

Web References

Session #54 Web Page
http://ieee802.org/16/meetings/mtg54
Session #54 Attendance and Participation List
http://ieee802.org/16/meetings/mtg54/reglist.html
Session #54 Report
http://ieee802.org/16/meetings/mtg54/report.html

The IEEE 802.16 Working Group on Broadband Wireless Access Standards

IEEE 802.16 Members

Updated: 2008-04-24

Number of members: 433
Next scheduled update: following Session #56

See also:

- Rights of Membership
- Acquiring and Retaining IEEE 802.16 Membership
- Potential Members
- those recently losing membership
- Members in Peril
- Observers
- Update your contact information
- Member and Observer contact databases (password required)

Name\Family	Name\Given	Affiliation	City	State\Province	Country
Abrishami	Ray	Fujitsu Microelectronics America	Sunnyvale	CA	USA
Ahmadi	Sassan	Intel Corporation	Hillsboro	OR	USA
Ahn	Dong Hyun	ETRI	Daejeon		Korea
Ahn	Jeehwan	ETRI	Daejeon	Chungcheongnam-do	Korea
Ahn	JunBae	SOLiD Technologies	Seoul		Korea
Albanese	Roberto	Nokia	Helsinki		Finland
Andelman	Dov	Intel	Raanana		Israel
Arefi	Reza	Intel Corp.	Hillsboro	OR	USA
Bacioccola	Andrea	Nokia	Helsinki		Finland

Barber	Phillip	Huawei	Plano	TX	USA
Bims	Harry	Apple	Menlo Park	CA	USA
Boariu	Adrian	Nokia Siemens Networks	Irving	TX	USA
Boer	Jan	Motorola	Utrecht		Netherlands
Bogenfeld	Eckard	T-Mobile	Darmstadt		Germany
Bourlas	Yair	NextWave Wireless	San Diego	CA	USA
Boyer	Adrian	Harris Corporation	Rochester	NY	USA
Brandt	Achim	Nokia Siemens Networks	Munich		Germany
Branlund	Dale	BRN Phoenix	Santa Clara	CA	USA
Brooks	Terri	TruePosition, Inc.	Frisco	TX	USA
Byman	Aaron	Elektrobit Corp	Oulu		Finland
Cai	Sean	ZTE Corporation	San Diego	CA	USA
Carlo	James	Huawei	Dallas	TX	USA
Castelow	David	Airspan Communications Ltd	Uxbridge		UK
Cha	Jaesun	ETRI	Daejeon		Korea
Chae	Suchang	ETRI	Daejeon		Korea
Chang	Jae Hwan	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Chang	Sungcheol	ETRI	Daejeon		Korea
Chang	Xin	Huawei			China
Chang	YoungBin	Samsung Electronics	Suwon		Korea
Chayat	Naftali	Alvarion	Tel Aviv		Israel
Chayer	Rémi	Groupe Airtel Telecom	Saint-Hubert	PQ	Canada
Chen	Kwang-Cheng	National Taiwan University	Taipei		Taiwan
Chen	Ren-Jr	ITRI	Hsinchu County		Taiwan
Chen	Wei-Peng	Fujitsu Labs. of America	Sunnyvale	CA	USA
Chen	Yuqin	ZTE Corporation	Shenzhen	Guangdong	China

Cheng	Paul	MediaTek Inc.	Sunnyvale	CA	USA
Chindapol	Aik	Nokia Siemens Networks	Princeton	NJ	USA
Chion	Hua (Mary)	ZTE Corp.	San Diego	CA	USA
Chiu	Chun-Yuan	ITRI			taiwan
Cho	HanGyu	LGE	Seoul		Korea
Cho	Jaehee	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Cho	Jaeweon	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Cho	Myeon-Gyun	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Cho	Seokheon	ETRI	Daejeon		Korea
Choi	Hokyu	Samsung Electronics	Sungnam-Shi	Gyeonggi-do	Korea
Choi	Hyoung-Jin	TTA	Seongnam	Gyeonggi-do	Korea
Choi	Hyung-Nam	Infineon Technologies AG	Hannover		Germany
Choi	In-Kyeong	ETRI	Taejeon		Korea
Choi	Jinsoo	LG Electronics	Anyang	Gyeonggi-do	Korea
Choi	Joonyoung	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Choi	Yang-Seok	Intel corp	Hillsboro	OR	USA
Chong	Chia-Chin	NTT DoCoMo	Palo Alto	CA	USA
Chou	Chao-Chin	MediaTek Inc.	Hsinchu		Taiwan
Chou	Chie Ming	ITRI	Hsinchu		Taiwan
Chou	Joey	Intel	Chandler	AZ	USA
Chow	Jerry	ZTE Corporation	San Diego	CA	USA
Chui	Jimmy	NSN	Princeton	NJ	USA
Chujo	Takafumi	Fujitsu Laboratories Ltd.	Yokohama	Kanagawa	Japan
Chun	Jin Young	LG Electronics	Anyang	Gyeonggi-do	Korea
Chung	Ji Wook	LG Electronics	Anyang-shi	Gyeonggi-do	Korea
Colban	Erik	NextWave Wireless	San Diego	CA	USA
Comstock	David	Huawei	San Diego	CA	USA
Costa	José	NORTEL	Ottawa	ON	Canada
Crowley	Steven	NTT DoCoMo	Washington	DC	USA

Cudak	Mark	Motorola	Schaumburg	IL	USA
Davydov	Alexey	Intel	Nizhny Novgorod		Russia
Dayal	Pranav	Qualcomm, Incorporated	San Diego	CA	USA
De Segovia	Carlos	France Telecom	Cesson Sevigne		France
Dhaliwal	Upkar	Future Wireless Technologies	San Diego	CA	USA
Do	Mi-Sun	Samsung AIT	Yongin	Gyeonggi-do	Korea
Dong	Xiaolu	CATR	Beijing		China
Doostnejad	Roya	Redline Communications	markham	ON	Canada
Du	Ying	CATR	Beijing		China
Eastwood	Lester	Motorola	Schaumburg	IL	USA
Eklund	Carl	Nokia Siemens Networks	Helsinki		Finland
Emeott	Stephen	Motorola	Schaumburg	IL	USA
Erlihson	Michael	Runcom	Rishon Lezion		Israel
Ernström	Per	Ericsson AB	Stockholm		Sweden
Etemad	Kamran	Intel Corporation	Potomac	MD	USA
Eun	Yu-Chang	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Fahldieck	Torsten	Alcatel-Lucent	Stuttgart		Germany
Fang	Huiying	ZTE	Shenzhen		China
Feder	Peretz	Alcatel-Lucent	Whippany	NJ	USA
Feng	Shulan	HiSilicon	Beijing	Beijing	China
Fong	Mo-Han	Nortel Networks	Ottawa	ON	Canada
Freedman	Avraham	Hexagon System Engineering Ltd.	Petah-Tikva		Israel
Fu	I-Kang	MediaTek Inc.	Hsinchu		Taiwan
Fwu	Jong-Kae (JK)	Intel Corp.	Santa Clara	CA	USA
Gal	Dan	Alcatel-Lucent	Whippany	NJ	USA
Glassford	Rob	BT	Ipswich	Suffolk	UK

Goh	Wee Peng	Nextwave Wireless	San Diego	CA	USA
Goldhamer	Mariana	Alvarion Ltd.	Tel Aviv		Israel
Golshan	Reza	fujitsu microelectronics america	Sunnyvale	CA	USA
Gosteau	Jeremy	Sequans Communications	Paris La Défense		France
Grandblaise	David	Motorola	Gif sur Yvette		France
Guvenc	Ismail	NTT DoCoMo	Palo Alto	CA	USA
Hadad	Zion	Runcom	Rishon Le Zion		Israel
Hahn	GeneBeck	LG Electronics	AYNANG	Gyeonggi-do	Korea
Hamiti	Shkumbin	Nokia	Helsinki		Finland
Hamzeh	Belal	Intel Corporation	Hillsboro	OR	USA
Han	Seung Hee	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Hart	Mike	UK Broadband	Uxbridge		UK
Hiddink	Gerrit	Motorola	Nieuwegein	UT	Netherlands
Higuchi	Keisuke	Sanyo	Gifu		Japan
Ho	Chieh-Yuan	MediaTek Inc	HsinChu		Taiwan
Ho	Chung-Lien	ITRI	Chutung, Hsinchu		Taiwan
Ho	Minnie	Intel Corporation	Los Altos	CA	USA
Hsiao	Chang-Lung	ITRI	Hsinchu		Taiwan
Hsiao	Ying-Chuan	Industrial Technology Research Institute	Chutung, Hsinchu		Taiwan
Hsieh	Ching-Tarng	ITRI	Hsinchu		Taiwan
Hsieh	Yu-Tao	ITRI	Hsinchu		Taiwan
Hsu	Chung-Hsien	NCTU/MediaTek Inc.	Hsinchu		Taiwan
Hsu	Hsien-Tsung	National Central University	Taipei	Taoyuan County	Taiwan
Hsu	Jen-Yuan	ITRI	Hsinchu		Taiwan

Hsu	Yuan-Ying	Telcordia Applied Research Center TW Co.	Taipei		Taiwan
Hu	Teck	Nokia Siemens Networks	Boca Raton	FL	USA
Huang	Cancan	ZTE Cooperation	San Diego	CA	USA
Hui	Junhong	ETRI	Daejeon		Korea
Humbert	John	Sprint	Overland Park	KS	USA
Hur	Yerang	Posdata	Santa Clara	CA	USA
Hwang	In Seok	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Ihm	Bin-Chul	LG Electronics	Anyang	Gyeonggi-do	Korea
Ikegami	Tetsushi	NICT/Meiji Univ.	Kawasaki		Japan
Inklebarger	Tom	Consultant	La Mesa	CA	USA
Iyengar	Rajagopal	Posdata	santa clara	CA	USA
Jan	Yih Guang	Tamkang University	Taipei		Taiwan
Jang	Jaehyuk	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Jee	Junghoon	ETRI	Daejon	Chungcheongnam-do	Korea
Jeniston Deviraj	Klutto Milleth	CEWiT	Chennai	Tamilnadu	India
Jeon	Hyung Joon	Posdata	Seongnam-si,	Gyeong-gi Do	Korea
Jeong	Moo Ryong	NTT DoCoMo	San Jose	CA	USA
Jha	Uma	Qualcomm	San Diego	CA	USA
Ji	Baowei	Samsung Telecommunications America	Richardson	TX	USA
Jiang	Liang	Intel Corp	shanghai		China
Jin	Lei	Huawei Technologies Co., Ltd	Shenzhen		China
Jin	Sunggeun	ETRI	Seoul		Korea
Johnsson	Kerstin	Intel	Palo Alto	CA	USA

Johnston	David	Intel Corporation	Hillsboro	OR	USA
Joo	Panyuh	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Jung	Young-Ho	Korea Aerospace University	Goyang-si	Gyeonggi-do	Korea
Kanai	Takeo	Softbank BB Corp.	Tokyo		Japan
Kang	Heewon	Samsung			Korea
Kang	Hyunjeong	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Kang	Seung Hyun	LG Electronics	Anyang-shi	Gyeonggi-do	Korea
Kaplan	Ted	DirecTV	Washington	DC	USA
Kato	Tsuguo	Fujitsu	Kawasaki		Japan
Kelman	Ofer	Runcom	Givatayim		Israel
Khalona	Ramon	NextWave Broadband	San Diego	CA	USA
Kiernan	Brian	InterDigital Communications, LLC	King of Prussia	PA	USA
Kim	Bong Ho	Posdata	San Jose	CA	USA
Kim	Changkyoon	Samsung Thales	Yongin	Gyeonggi-do	Korea
Kim	Dae-Joong	POSDATA	Seongnam-si	Gyeonggi-do	Korea
Kim	Ronny (Yong-Ho)	LG Electronics, Inc.	Anyang-shi	Gyeonggi-do	Korea
Kim	Sang	LG Electronics	San Diego	CA	USA
Kim	Sang Youb	Nortel	Richardson	TX	USA
Kim	Seung-Jun	none			Korea
Kim	Sungkyung	ETRI	Daejeon		Korea
Kim	Taeyoung	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Kim	Young Kyun	samsung electronics	suwon	Gyeonggi-do	Korea
Kim	Young-Il	ETRI			Korea
Kim	Young-jae	Samsung Thales	Yong-In	Gyeonggi-do	Korea
Kim	Youngho	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Kim	Yungsoo	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Kishigami	Takaaki	Matsushita Electric Industrial Co., Ltd.	Tokyo		Japan

Kitroser	Itzik	Runcom	Rishon Le Zion		Israel
Koc	Ali	Intel Corp.	Hillsboro	OR	USA
Koo	Changhoi	Samsung Electronics	Richardson	TX	USA
Koorapaty	Havish	Ericsson Inc.			USA
Korakis	Thanasis	Polytechnic University	Brooklyn	NY	USA
Korkmaz	Gokhan	ArrayComm LLC	San Jose	CA	USA
Kuchi	Kiran	CEWIT	Chennai	Jeollanam-do	India
Kuze	Toshiyuki	Mitshbishi Electric Corporation	Kamakura	Kanagawa	Japan
Kwak	Byung-Jae	ETRI, Korea	Daejeon		Korea
Kwak	Jin Sam	LG Electronics	Anyang	Gyeonggi-do	Korea
Kwon	Dong Seung	ETRI	Daejeon	Chungcheongnam-do	Korea
Kwon	Young Hyoun	LG Electronics	Anyang-si	Gyeonggi-do	Korea
Labonte	Sylvain	Sequans Communications	92073 Paris La Defense Cedex	FL	France
Labs	Jonathan	Wavesat, Inc.	Dorval	PQ	Canada
Lamoureux	Pierre	Wavesat	Dorval	PQ	Canada
Lee	Chun Fang	NCTU / MTK	Hsin Chu City	Taiwan	Taiwan
Lee	Hyun	ETRI	Daejeon		Korea
Lee	Hyunjeong	Intel Corp	Hillsboro	OR	USA
Lee	HyunWoo	LG Electronics	Anyang-Shi	Gyeonggi-do	Korea
Lee	Jin	LG Electronics	Anyang	Gyeonggi-do	Korea
Lee	Jungwon	Marvell Semiconductor	Santa Clara	CA	USA
Lee	Ki-Dong	LG Electronics Mobile Research	San Diego	CA	USA
Lee	Kyu Ha	Samsung Thales	Yongin	Gyeonggi-do	Korea
Lee	Mihyun	Samsung Electronics	suwon-si	Gyeonggi-do	Korea
Lee	Sang Min	Samsung	suwon	Gyeonggi-do	Korea

Lee	Sang-Ho	ETRI	Daejeon	Chungcheongnam-do	Korea
Lee	Seung Joon	ETRI	Daejeon		Korea
Lee	Sukwoo	LG Electronics	San Diego	CA	Korea
Lee	Sungjin	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Lee	Wookbong	LG Electronics	Anyang	Gyeonggi-do	Korea
Lee	Yang-Han	Tamkang University	Taipei		Taiwan
Lee	Youn-Tai	Institute for Information Industry	Taipei	Taiwan	Taiwan
Lee	Yung-Ting	Institute for Information Industry	Taipei		Taiwan
Lestable	Thierry	Samsung Electronics UK	staines		UK
Levanda	Matty	WiNetworks	Herzliyya Pituach		Israel
Li	Guangjie	Intel			China
Li	Richard	ITRI	Hsinchu		Taiwan
Li	Shaohua	Nokia Siemens Networks	Beijing		China
Li	Thomas	Silicon Corp.	Fremont	CA	USA
Li	Yajuan	Hisilicon	Beijing		China
Li	Zexian	Nokia	Helsinki		Finland
Liang	Zongchuang	Samsung China Telecom R&D Center	Beijing		China
Liao	Pei-Kai	MediaTek Inc.	Hsinchu		Taiwan
Lim	Aeri	Samsung Electronics Co., Ltd.	Suwon-city	Gyeonggi-do	Korea
Lim	Geunhwi	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Lim	Hyoung Kyu	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Lim	Junsung	Samsung Electronics Co. LTD	Suwon	Gyeonggi-do	Korea
Lim	Kwangjae	ETRI	Daejeon	Chungcheongnam-do	Korea

Lin	Tzu-Ming	ITRI	Hsingchu		Taiwan
Lin	Yuan Pin	NCTU/MTK	Hsinchu		Taiwan
Lindgren	Stefan	Ericsson	Gothenburg		Sweden
Liu	Hang	Thomson Inc	Princeton	NJ	USA
Liu	Yang	ZTE Corporation	Shenzhen	Guangdong	China
Liu	Ying	ZTE Corporation	ShenZhen	GuangDong	China
Livschitz	Michael	Schema	Herzlia		Israel
Lo	Titus	Neocific, Inc.	Bellevue	WA	USA
Loa	Kanchei	Institute for Information Industry	Taipei	Taiwan	Taiwan
Lu	Jianmin	Huawei (USA)	Plano	TX	USA
Lu	Yanling	Fujitsu	London		UK
Lu	Zhaohua	ZTE Corporation			China
Lynch	Michael	Nortel Networks	Richardson	TX	USA
Madihian	Mohammad	NEC Corporation of America	Princeton	NJ	USA
Maez	David	Cisco Systems	Richardson	TX	USA
Magee	David	Texas Instruments	Dallas	TX	USA
Maggi	Giovanni	Nokia Siemens Networks	Cassina de Pecchi		Italy
Maheshwari	Shashikant	Nokia Siemens Network	irving	TX	USA
Makhijani	Mahesh	Qualcomm Inc	San Diego	CA	USA
Malka	Shlomo	Alvarion	Tel-Aviv		Israel
Mao	Ronald	Huawei Technologies	San Diego	CA	USA
Marks	Roger	NextWave Wireless Inc.	Denver	CO	USA
Matache	Adina	Marvell Semiconductor	Mountain View	CA	USA
Matsumoto	Wataru	Mitshbishi Electric Corporation	Fujisawa	Kanagawa	Japan
Mazzarese	David	Samsung Electronics	Suwon		Korea

McBeath	Sean	Huawei Technologies	Plano	TX	USA
Meddour	Djamal-Eddine	Orange Labs France Telecom	Lannion		France
Migaldi	Scott	Motorola	Schaumburg	IL	USA
Min	Chan Ho	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Mohanty	Shantidev	Intel Corporation	Hillsboro	OR	USA
Molisch	Andreas	MERL	Cambridge	MA	USA
Mollenauer	James	Techical Strategy Associates	Newton	MA	USA
Monogioudis	Pantelis	Alcatel-Lucent	Whippany	NJ	USA
Moon	Sungho	LG Electronics	Anyang	Gyeonggi-do	Korea
Mukherjee	Sayandev	Marvell Semiconductor, Inc.	Santa Clara	CA	USA
Murias	Ronald	InterDigital Communications	Calgary	AB	Canada
Music	Wayne	Motorola	Austin	TX	USA
Nagai	Yukimasa	Mitsubishi Electric	Kamakura	Kanagawa	Japan
Naguib	Ayman	Qualcomm Inc	Campbell	CA	USA
Nakamura	Kenichi	Fujitsu	Tokyo		Japan
Nakamura	Michiharu	Fujitsu Laboratories Ltd	Yokosuka	Kanagawa	Japan
Nakatsugawa	Keiichi	Fujitsu			Japan
Nguyen	An	DHS/NCS	Falls Church	VA	USA
Noh	Minseok	LG Electronics Inc.	Anyang	Gyeonggi-do	Korea
Nohara	Mitsuo	KDDI R&D Labs	Chiyoda-ku	Tokyo	Japan
Norin	John	The DIRECTV Group, Inc.	El Segundo	CA	USA
Novak	Robert	Nortel	Ottawa	ON	Canada
Oh	Changyoon	samsung	SUWON	Gyeonggi-do	Korea
Oh	Min-Seok	LG Electronics	Anyang	Gyeonggi-do	Korea
Okuda	Masato	Fujitsu	Kawasaki	Kanagawa	Japan
Olszewski	Kim	ZTE Corporation	San Diego	CA	USA

Ono	Ryoji	Mitsubishi Electric	Kamakura		Japan
Orlik	Philip	Mitsubishi Electric Research Labs	Cambridge	MA	USA
Ostling	Per-Erik	Ericsson	Stockholm		Sweden
Papathanassiou	Apostolos	Intel Corporation	Hillsboro	OR	USA
Park	DS	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Park	Jeongho	Samsung electronics	Suwon	Gyeonggi-do	Korea
Park	Michael	Qualcomm			Korea
Park	Youn Ok	ETRI	Daejeon	Chungcheongnam-do	Korea
Patel	Vijay	Andrew Corporation	Ashburn	VA	USA
Peng	Yan	Huawei Technologies Co., Ltd.	Shanghai		China
Piggin	Paul	NextWave Wireless	Chippenham	Wiltshire	UK
Pirhonen	Riku	Nokia Siemens Networks	Irving	TX	USA
Pollard	Adam	Vodafone	Newbury		UK
Popoli	Robert	DIRECTV	El Segundo	CA	USA
Poulin	Darcy	SiGe Semiconductor	Ottawa	ON	Canada
Pourahmadi	Vahid	University of Waterloo	Waterloo	ON	Canada
Power	Kevin	Fujitsu	London		UK
Probasco	Scott	Nokia	Irving	TX	USA
Puri	Anuj	Beceem Communications Inc.	Santa Clara	CA	USA
Puthenkulam	Jose	Intel Corporation	Hillsboro	OR	USA
Qi	Xin	Nokia Siemens Networks	Beijing		China
Qian	Nanjian (Jeff)	ZTE Corp.	San Diego	CA	USA
Qin	Fei	Datang Mobile Communication	Beijing		China
Qu	Hongyun	ZTE Corporation	Shenzhen	Guangdong	China

Raghavan	Arvind	ArrayComm, LLC	San Jose	CA	USA
Ramachandran	Shyamal	Qualcomm, Inc.	San Diego	CA	USA
Reddy	Ranga	US Army	Ft. Monmouth	NJ	USA
Ren	Fang-Ching	ITRI	Hsinchu		Taiwan
Ren	Weili	NEC	Reading		UK
Riegel	Maximilian	Nokia Siemens Networks	Munich		Germany
Roh	Kwanhee	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Roh	Wonil	Samsung Electronics Corp.	Suwon-city	Gyeonggi-do	Korea
Rong	Zhigang	Huawei	San Diego	CA	USA
Rouz	Adel	Fujitsu Laboratories of Europe Ltd	Hayes		UK
Rubin	Philip	Philip A. Rubin and Associates	Washington	DC	USA
Ruck	Herbert	Cisco Systems	Richardson	TX	USA
Ryu	Kiseon	LG Electronics	Anyang-shi	Gyeonggi-do	Korea
Saed	Aryan	PMC-Sierra	Burnaby	BC	Canada
Saifullah	Yousuf	Nokia Siemens Networks	Irving	TX	USA
Saito	Kenji	KDDI Corporation	Yokosuka	Kanagawa	Japan
Sambasivan	Sam	AT&T			USA
Sandhu	Sumeet	Intel Corporation	Santa Clara	CA	USA
Sarris	Ioannis	Mitsubishi Electric, ITE BV VIL, U.K.	Guildford	Surrey	UK
Sayana	Krishna	Motorola	Libertyville	IL	USA
Sayeedi	Shahab	Motorola	Arlington Heights	IL	USA
Schaepperle	Joerg	Alcatel-Lucent	Stuttgart		Germany
Schlanger	Gary	IDT Telecom	Newark	NJ	USA
Schumacher	Joseph	Motorola	Arlington Heights	IL	USA

Seagren	Chris	Sprint Nextel	Overland Park	KS	USA
Senarath	Gamini	Nortel Networks	Ottawa	ON	Canada
Shah	Jigar	Scalable Network Technologies	Los Angeles	CA	USA
Shalash	Ahmed	Cairo University	Cairo		Egypt
Shang	Zheng	Huawei Technologies	Shanghai		China
Shekalim	Peretz	Runcom	Netanya	ID	Israel
Shen	Gang	Alcatel Shanghai Bell	Shanghai	Shanghai	China
Sherman	Matthew	BAE Systems	Wayne	NJ	USA
Shim	Jaejeong (Brian)	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Shin	Hong Sup	Nortel	Anyang	Gyeonggi-do	Korea
Shively	David	AT&T	Atlanta	GA	USA
Shono	Takashi	Intel Corporation	Tokyo		Japan
Shyy	D. J.	MITRE	McLean	VA	USA
Simkins	James	Xilinx	Salt Lake City	UT	USA
Simpson	Floyd	Motorola, Inc.	Plantation	FL	USA
Sivanesan	Kathiravetpillai	Nortel Networks	Richardson	TX	USA
Sjoberg	Sten	Ericsson AB	Goteborg		Sweden
So	Tricci	ZTE Corp.	San Diego		USA
Son	Jung Je	Samsung Electronics	Seoul	Gyeonggi-do	Korea
Son	Yeongmoon	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Song	Ting-Chen (Tom)	ITRI	Hsingchu		Taiwan
Song	Young Seog	ETRI	Taejeon	Chungcheongnam-do	Korea
Soong	Anthony	Huawei Technologies	Plano	TX	USA
Srinivasan	Roshni	Intel Corporation	Santa Clara	CA	USA
Stacey	Robert	Intel Corporation	Portland	OR	USA

Stanwood	Kenneth	NextWave Wireless	San Diego	CA	USA
Steer	David	Nortel		ON	Canada
Su	Chih-Wei	Institute for Information Industry	Taipei City		Taiwan
Su	Hsuan-Jung	National Taiwan University			Taiwan
Su	Xin	Tsinghua University	Beijing		China
Sukiasyan	Aram	Fujitsu	Calgary	AB	Canada
Sun	Li-Hsiang	LG Electronics	San Diego	CA	USA
sun	sheng	Nortel		ON	Canada
Sun	Will	BRN Phoenix, Inc.	Santa Clara	CA	USA
Sun	Yakun	Marvell Semiconductor Inc.			USA
Sun	Yong	Toshiba Research Europe Limited	Bristol		UK
Suo	Shiqiang	Datang Mobile	Beijing		China
Sydir	Jaroslaw	Intel Corporation	Santa Clara	CA	USA
Sydor	John	Comm Rsch Centre	Ottawa	ON	Canada
Takai	Mineo	Space-Time Engineering	Rancho Palos Verdes	CA	USA
Takatani	Yukihiro	Hitachi, Ltd.	Kanagawa		Japan
Tao	Jeffrey	Mitsubishi Electric Research Lab	Brooklyn	NY	USA
Tao	Ming-Hung	ITRI	HsinChu		Taiwan
Taori	Rakesh	Samsung	Yongin-si	Gyeonggi-do	Korea
Taylor	Shawn	Huawei	Calgary	AB	Canada
Tee	Lai King (Anna)	Nortel Networks	Richardson	TX	USA
Thakare	Kiran	Ericsson AB	Stockholm		Sweden
Thome	Timothy	Kyocera	San Diego	CA	USA
Ting	Pangan	ITRI	Hsinchu		Taiwan
Tong	Wen	Nortel Networks	Ottawa	ON	Canada
Tonnerre	Arnaud	THALES Communications	Colombes		France

Touboul	Assaf	DesignArt Networks	Ra'anana	AZ	Israel
Tsai	Chang-Lan	ITRI	Hsinchu		Taiwan
Tsai	Shiau-He	Ericsson	Stockholm		Sweden
Tseng	Fan Shuo	MediaTek Inc.	Hsinchu		Taiwan
Tzavidas	Stavros	Motorola	Arlington Heights	IL	USA
Ullmann	Rainer	Wavesat Inc.	Dorval	PQ	Canada
Urban	David	Comcast	Philadelphia	PA	USA
Vadgama	Sunil	Fujitsu	Hayes Middlesex		UK
van Leeuwen	Richard	Motorola	Nieuwegein		Netherlands
Vannithamby	Rath	Intel Corporation	Hillsboro	OR	USA
Venkatachalam	Muthaiah	Intel	Hillsboro	OR	USA
Viorel	Dorin	Fujitsu Microelectronics Canada Inc	Calgary	AB	Canada
Visotsky	Eugene	Motorola	Buffalo Grove	IL	USA
Vook	Frederick	Motorola	Schaumburg	IL	USA
Vrzic	Sophie	Nortel	Ottawa	ON	Canada
Wang	Arthur	LinQuest	Buena Park	CA	USA
Wang	Chun-Yen	ITRI	Hsinchu County		Taiwan
Wang	Fan	Motorola Inc.	Arlington Heights	IL	USA
Wang	Guo Qiang	Nortel	Ottawa	ON	Canada
Wang	Lei	NextWave Wireless	San Diego	CA	USA
Wang	Michael	Nortel	Richardson	TX	USA
Wang	Shu	LG Electronics	San Diego	CA	USA
Wang	Shu-Shaw	Nokia Siemens Networks	Irving		USA
Wang	Xiaoyi	Nokia Siemens Networks	Beijing		China
Wang	Yanhong	Huawei	Shanghai	Shanghai	China

Wang	Zongkai	Tian Jin Government			China
Watanabe	Fujio	NTT DoCoMo	Palo Alto	CA	USA
Wieczorek	Alfred	Motorola, Inc.	Plantation	FL	USA
Wright	Charles	Azimuth Systems, Inc.	Acton	MA	USA
Wu	May	Intel Corporation	Shanghai		China
Wu	Mingquan	Thomson	princeton	NJ	USA
Wu	Xuyong	Huawei Technologies Co., Ltd	Shenzhen	Guangdong	China
Wu	Yingzhe	ZTE Corporation	San Diego	CA	USA
Xiang	David	Huawei Technologies Co.	San Diego,	CA	USA
Xie	Chengjie	Huawei	Shenzhen		China
Xu	Hua	Motorola	Arlington Heights	IL	USA
Xu	Ling	ZTE Corporation	Shenzhen	Guangdong	China
Xu	Weijun	Tian Jin Government	Tianjin		China
Yaghoobi	Hassan	Intel Corp.	Santa Clara	CA	USA
Yang	Hongwei	Alcatel Shanghai Bell Co., Ltd.	Shanghai		China
Yang	Hua	Intel	Shanghai	Shanghai	China
Yang	Lian	Huawei	Shanghai		China
Yang	Rongzhen	Intel Corp.	Shanghai	Shanghai	China
Yang	Xiangying	Intel Corp.	Hillsboro	OR	USA
Yang	Yunsong	Huawei Technologies	San Diego	CA	USA
Yanover	Vladimir	Alvarion Ltd.	Tel Aviv		Israel
Yeh	Choong Il	ETRI	Deajeon	Chungcheongnam-do	Korea
Yin	Hua-Chiang	Institute for Information Industry	Taipei		Taiwan
Yin	Hujun	Intel Corp.	Santa Clara	CA	USA
Yoon	Chulsik	ETRI	Daejeon		Korea

Yoshii	Isamu	Matsushita Electric (Panasoic)	Yokosuka, Kanagawa		Japan
Youn	Aeran	LG Electronics	Anyang	Gyeonggi-do	Korea
Yu	Hyunkyu	Samsung Electronics	Seoul		Korea
Yun	Jungnam	Posdata	Santa Clara	CA	USA
Yun	Sangboh	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yuza	Masaaki	NEC Infrontia	Tokyo		Japan
Zeira	Eldad	InterDigital Communications LLC	Huntington	NY	USA
Zhang	Jinyun	Mitsubishi Electric Research Lab	Cambridge	MA	USA
Zhang	Kaibin	Alcatel Shanghai Bell Co. Ltd.	Shanghai		China
Zheng	Hongming	Intel Corporation			China
Zheng	Yan-Xiu	Industrial Technology Research Institute			Taiwan
Zhong	Xiaofeng	Tsinghua University	Beijing		China
Zhou	Fei Frank	Beceem	Santa Clara	CA	USA
Zhou	Hua	Fujitsu R&D Center	beijing		China
Zhou	Shidong	Tsinghua University	Beijing		China
Zhou	Yuefeng	NEC Europe	London		UK
Zhu	Chenxi	Fujitsu Labs of America	College Park	MD	USA
Zhu	Hufei	Huawei Technologies Co., Ltd	Shenzhen		China
Zhu	Peiying	Nortel	Ottawa	ON	Canada
Zhuang	Jeff	Motorola	Libertyville	IL	USA
Zou	Ning	Intel Corporation			China

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