Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**Minutes of IEEE 802.16 Session #46**
Date Submitted	**2006-12-14**
Source(s)	Peiying Zhu Voice: +1 613 7658089 Nortel mailto:pyzhu@nortel.com
Re:	IEEE 802.16 Session #46 Minutes (Dallas, TX, USA)
Abstract	
Purpose	To record the minutes of the IEEE 802.16 Working Group Opening and Closing Plenary meetings at Session #46
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 <http://ieee802.org/16/ipr/patents/policy.html>, 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 <mailto:chair@wirelessman.org> 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 <http://ieee802.org/16/ipr/patents/notices>.

Minutes of IEEE 802.16 Session #46

IEEE 802.16 Working Group
Dallas, TX, USA
13 – 16 November 2006

IEEE 802.16 Session #46 Opening Plenary Meeting

Monday, 13 November 2006

Call to Order

Working Group (WG) Chair Roger Marks called the meeting to order at 1:12 pm, welcoming attendees to Session #46 of the IEEE 802.16 WG. The Chair provided the URL for the opening plenary agenda <http://ieee802.org/16/meetings/mtg46/opening.html>.

Roger introduced himself, Vice Chair Jose Puthenkulam, and Secretary Peiying Zhu.

The slides presented by the Chair to guide the meeting during the Opening Plenary are available in document IEEE 802.16-06/065.

The Chair outlined networking, logistical, and registration issues. Two relatively new features - an online interactive calendar <http://dot16.org/calendar/week.php?date=20061113> and a Session #46 Document Guide <http://ieee802.org/16/meetings/mtg46/docs.html> - were explained by the Chair.

The Chair pointed out that, since this is November, a new IEEE 802 CD is being distributed. It should include the latest published IEEE 802.16 standards and drafts.

The Chair instructed that attendees must wear name badges in the meeting areas, for security reasons.

Membership and Voting

The Chair reviewed the lists of WG Members, Potential Members, Members in Peril, and Observers. Name badges for members were annotated with "M.16" and doubled as voting tokens.

The Chair explained the Attendance Log procedure. No Attendance Books will be used; sign-in is electronic only. Eight attendance intervals: [Mon pm; Tue am; Tue pm; Tue evening; Wed am; Wed pm; Thu am; Thu pm; Thu evening]. "Participation" Requirements: six intervals (75%). There are two additional intervals (during the Mon evening 802.16 tutorial, and Tues evening) during which attendees may sign for meeting credit; however, only six intervals are required to obtain the session attendance credit. The 802 ID displayed on the badge is required for the electronic attendance log; it also serves as the 802.16 Member ID for WG members. Attendance for the 802.18, 802.19, and 802.21 groups can be credited to the IEEE 802.16 WG for 802.16 members only; this requires signing the 802.16 Attendance log.

The Chair reviewed the agenda and asked for comments or concerns. No comments were received.

Approvals

Motion (at 1:31pm): To approve the Opening Plenary Meeting Agenda on the 802.16 web site <http://ieee802.org/16/meetings/mtg46/opening.html>, proposed by Herbert Ruck, seconded by John Humbert, approved by unanimous voice vote.

Roger reviewed the draft minutes of Session #45. He asked for comments. None were received.

Motion (at 1:33pm): To approve the minutes of Session #45 (IEEE 802.16-06/061), proposed by DJ Johnston, seconded by Mike Hart, approved by unanimous voice vote.

Chair's Status Report

See Chair's slides (IEEE 802.16-06/065).

IEEE 802 P&P issues

Roger highlighted parts of the IEEE 802 Policies and Procedures (P&P), as shown in his opening slides, in particular, those related to WG operation, Chair's function, WG Rules such as working group domination, copyrights, contribution procedures, and restrictive notices.

Roger reminded attendees to make sure to use proper format for submitted contributions, especially paying attention to the document number and date in the header. Roger reminded attendees not to use the automatic dating feature, to ensure the contribution reflects the correct submission date. Roger then encouraged the task group chairs to rule out contributions that do not follow the templates or submission procedure.

Roger took an action to update the contribution template to remove the automatic dating feature.

Legal Announcements

The following advice was provided by the WG Chair regarding IEEE Standards Association (IEEE-SA) rules on 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 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 (slides included February 2006 revisions by Standards Board).

An opportunity was provided for WG members to identify or disclose patents that the WG member or any participants believes may be essential for the use of that standard. There were no responses to this announcement.

IEEE 802 EC News

Roger reviewed highlights of the 802 EC meeting he attended in the morning.

- IEEE 802.20 WG is operating again, after its suspension, under 802 and IEEE-SA level oversight committees.
- Get IEEE 802 will now be on a 12 month delay, not 6 month. IEEE 802.16e was given a special consideration to use the old rule.
- IEEE is working on attendance software, which may someday supplant that used by IEEE 802.16.

Roger expressed his appreciation to Brian Kiernan, who assisted in this morning's IEEE 802 newcomer's training session voluntarily. Roger encouraged people to try the online training course.

Coexistence Assurance (CA): Roger has pointed out to the EC that there is a contradiction between the 802 P&P, which requires a CA document when specified in the PAR's 5 Criteria, and the IEEE 802.19 TAG's web site, which lists many other projects needed as requiring the CA. A meeting was scheduled on Tuesday to address this issue.

The Wireless Architecture Subgroup has been terminated. Also, the Wireless Architecture has suspended its regular meeting schedule and will call meetings only as needed.

Roger showed the list of five PARs under review this week (http://ieee802.org/16/meetings/mtg46/lmsc/pars.html).

IEEE-SA Actions

There were no recent IEEE-SA actions directly related to the IEEE 802.16 WG. The proposed IEEE 802.16m PAR is on the NesCom agenda for the December meeting.

Review of Session #45 Report

Roger encouraged people to review the Session #45 Report.

Commentary 2

Roger explained the new Commentary 2 software, which is now mandatory for all WG comment processes. He covered installation procedures and solutions for few issues. Roger also explained the difference between .cmt and .cmtb files; .cmt files are application files that are never to be submitted in a ballot or comment process. He encouraged people to email or talk to him if there are any questions. There was a show of hands to gauge the interest in a 30 minute tutorial. Many people raised a hand.

Roger will arrange a tutorial this week.

P802.16m PAR

Roger reviewed the draft IEEE 802.16m PAR (IEEE 802.16-06/054) and Five Criteria (IEEE 802.16-06/055), which were forwarded by the IEEE 802.16 WG in Session #45. He called attention to the project completion date. These two documents were submitted to LMSC EC for review and comments. The deadline for comments is 5 pm on Tuesday November 14. The IEEE 802.16 WG is obligated to submit comment responses by 5 pm on Wed November 15. One comment document (IEEE 802.16-06/063) has been received so far. IEEE 802.16 WG members are also welcomed to submit comments to Roger, and to the Project Planning Committee, led by Brian Kiernan. Further discussion of comment preparation was deferred to the Project Planning Committee.

Roger asked for comments or discussion. There were no comments received.

Operator ID/ Registration Authority Issues

There were a few comments raised on the Operator ID Registration Authority proposal submitted in Session #45. The IEEE 802.16 WG had delegated the authority to the relevant ad hoc committee to respond. Without objection, the ad hoc chair, Scott Probasco, will prepare the response to the comments.

IEEE 802 PARs under Consideration

Roger displayed a list of five PARs submitted for EC approval and asked for comments on those PARs.

There was a concern on the P802.15.4d PAR that the 950 GHz frequency band may overlap with the GSM frequency band used in Japan. The proposal is to specifically call out the upper and lower limits of the frequency band.

Motion (2:16pm): To send the following comment to the 802.15 Working Group:

'The 802.16 WG would like the P802.15.4d PAR to specifically call out the applicable frequencies, rather than simply referring to "the 950 MHz band".'

Proposed by DJ Johnston, seconded by Herbert Ruck, approved by unanimous voice vote. Roger immediately emailed the comment to the 802.15 WG Chair and to the 802 EC.

802 Architecture Group

Phil Barber and DJ Johnston attended the 802 Architecture Group meeting on 12 November. They had nothing to report beyond the WG Chair's prior announcement.

IEEE 802 Tutorials

Roger displayed the information on the IEEE 802 tututials and encouraged people to attend. Regarding the 802.21 'CALM' tutorial (Tuesday 8:00-9:30pm), Roger had raised an issue on the relationship with 802.16. The

presenter had responded that 802.16 is indeed relevant and will discuss it during the tutorial. The Chair encouraged people to attend the meeting and bring information back to the IEEE 802.16 WG.

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=20061113>. Roger showed the calendar for the meeting.

NetMan Task Group

The NetMan TG draft agenda for the week was presented by the TG Chair Phil Barber (IEEE 802.16netman-06/017). Phil apologized that he did not have the sponsor ballot statistics for 802.16k. He will provide an update before the Task Group meeting. The WG contribution "Provision of self-x…" is not related to a particular project and will be reviewed by the NetMan TG at the request of the WG Chair.

Phil reminded IEEE 802.16 members that the P802.16g ballot is still open and will close on Tuesday (Nov 14) at 7pm. He encouraged submission of comments before the deadline.

Roger asked whether Phil expects to seek conditional approval from the EC on Friday to send P802.16g to Sponsor Ballot. Phil said this depends on the ballot results.

Roger asked if he expects to seek conditional approval from the EC on Friday to send P802.16k to RevCom. Phil indicated that he had confidence in resolving the negative comments; therefore, he expects to seek conditional approval.

Roger said that we have already formed the 802.16g sponsor ballot group.

License-Exempt Task Group

The TG Chair, Mariana Goldhamer, presented the results of WG Letter Ballot #24, a summary of ad hoc activities, plans for the week, and expected motions for the License-Exempt TG.

Working Group Letter Ballot #24, on P802.16h/D1, closed on Friday night. With 80 approval and 40 disapproval votes (in 149 ballots), the approval ratio was 67%, so the approval condition was not met. The return ratio was met.

Roger pointed out that it will not be practical to move to a recirc until all comments have been resolved. Since over 500 comments were received, it will be challenging to complete the work this week.

Relay Task Group

The Relay Task Group draft agenda for the week was presented by the TG Chair, Mitsuo Nohara (document IEEE 802.16j-06/029).

There was some discussion on how to handle the large number of contributions (156), while planning outcomes of the meeting. Considering the large number of contributions, Roger commented that it is unlikely that there

will be enough time to generate a specific output document; instead, the group may aim to generate a mutual understanding of the contributions and bring back harmonized contributions at the next meeting.

Maintenance Task Group

The Maintenance TG Chair, Jonathan Labs, presented the opening report (document IEEE 802.16maint-06/032). Jon reviewed two motions approved in the last WG Closing Plenary (Session #45), the results of Letter Ballot #23 on the Cor2 CRs (532 CR's balloted, 516 CR's approved and 16 not), the proposed schedule for the week, progress since the closing report at Session #45, and expected closing plenary motions.

Jon suggested that a sponsor ballot invitation be issued regarding Cor2.

There was some discussion on the schedule and how to handle the remaining CRs.

Project Planning Committee

The Project Planning Committee Chair, Brian Kiernan, presented the plan for the week. The following two issues will be discussed:

- Comments on the proposed 802.16m PAR
- Consideration of a PAR for a Revision

Brian suggested having a serious consideration of proposing a PAR for a Revision before March 2007. He noted that there might be a third amendment by the summer of 2007, depending on the balloting outcomes of the P802.16g and P802.16h projects.

There was some discussion on whether it is possible to do a reaffirmation instead of revision, considering the uncertainty of the balloting process. It was noted that reaffirmation is prohibited for standards with three or more amendments.

Motion (3:25pm): "To delegate to the Project Planning Committee the authority and responsibility to respond to comments received on the proposed 802.16m PAR, preparing a suitable response and ensuring its timely submittal to the 802 EC by 5 pm on Wednesday", proposed by Brian Kiernan, seconded by Scott Probasco. passed by unanimous voice vote.

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.

Roger reviewed the following security procedures: Contact the 802 Chair know if you have a room request. Let the 802 office now immediately if you have a meeting cancellation, or meeting completing early. During

prolonged breaks (lunch, dinner) or when meetings are completed in the meeting room for the day, use the house phone located in the meeting space to have your meeting room and projector secured.

Liaisons

ITU-R Liaison Group
The ITU-R Liaison Officer, José Costa, presented the summary of ITU-R Liaison Group activities since Session #45, the response to the Call for Contributions on an IMT-2000 proposal, and the objectives, and the plan for the week.

Roger suggested that the Liaison Group follow the assumptions agreed at the last meeting, as embedded in the Call for Contributions, and work within those limits.

IETF
The IETF Liaison Officer, DJ Johnston, presented the IETF Liaison report (see document 80216-06/037). Roger asked if there are specific action items for the IEEE 802.16 TGs. DJ commented that there might be some issues on the IETF's 16ng and EUM activities that may be related to P802.16g. DJ will track these issues. Phil suggested he would add an agenda item in the NetMan TG to discuss these issues.

Future Sessions

Session #47: 15-18 January 2007: London, UK with IEEE 802 Joint Interim Session
Session #48: 12-15 March 2007: Orlando, FL, USA with IEEE 802 Plenary Session
Session #49: 21-24 May 2007: IEEE 802.16 Interim Session, Portland, OR, USA, hosted by Jose Puthenkulam
Session #50: 16-19 July 2007: San Francisco, CA, USA with IEEE 802 Plenary Session
Session #51; site to be determined at Closing Plenary on 16 November
Proposals solicited; please see IEEE 802.16 Interim Session Guidelines. There was one indication of interest prior to session, from Gordon Antonello regarding a venue in Malaga, Spain. Roger encouraged people to submit proposals before the Closing Plenary if they are considering a proposal to host the meeting.

Schedule for the Week
Roger showed the updated agenda for the week <http://dot16.org/calendar/week.php?date=20061113>.

New Business

No new business.

Adjournment
The meeting was adjourned by vote. However, the Secretary did not record the details of the motion or the time of the adjournment.

IEEE 802.16 Session #46 Closing Plenary Meeting

Thursday, 16 November 2006

Call to Order

Roger Marks called the meeting to order at 7:11 pm.

Approval of Agenda

The Closing Plenary agenda was published at http://ieee.org/16/meetings/mtg46/closing.html. The agenda was reviewed by the WG Chair, Roger Marks. There were no objections to the agenda.

Motion (7:15pm): To approve the Opening Plenary Meeting Agenda on the 802.16 web site (<http://ieee802.org/16/meetings/mtg46/opening.html>), proposed by David Johnston, seconded by Lei Wang, passed without objections.

Commentary 2 Tutorial

Roger gave a tutorial on *Commentary 2* software for comment preparation and resolution.

Maintenance Task Group

 TG Chair Jon Labs presented a report (document IEEE 802.16maint-06/036r1).

Motion (at 8:20pm): "*To accept the database 80216-06_066r2.CMT as the comment resolutions for the comments on the Change Requests from LB #23 and open a Working Group Recirculation Letter Ballot on the draft P802.16-2004/Cor2/D1 as generated by the comment resolutions, with the resolved database 80216-06_066r2.cmt included in the LB package.*" proposed by Jon Labs, seconded by John Humbert.

There was a question on the marking of the commentary database. The answer was that only the comments with reply comments were reviewed and marked.

Phil Barber had a concern that the propose motion put the database, rather than the draft built from the database, as the focus of the recirc. The motion, as modified by friendly amendment to address Phil's concern, is recorded above.

Motion passed 84/0/0.

Motion (at 8:24 pm): "*To request conditional approval to the 802 EC to forward the P802.16-2004/Cor2 draft containing the Approved CR's to Sponsor Ballot.*" proposed by Jon Labs, seconded by Shawn Taylor.

Phil asked if what would happen if conditional approval was granted but the recirc was not successful. Roger answered that additional recircs could continue under the conditional approval, until the following 802 Plenary.

Roger noted that a motion for conditional approval requires an accompanying schedule. The current schedule was not clear enough. Jon said that the next motions he was authorized to raise by the TG would address the question. There was a request to show those motions. Jon showed the two following motions he intended to raise.

Motion passed 68/0/0.

Motion (at 8:30 pm): "*To authorize the WG Chair to resolve any comments received from the Confirmation Letter Ballot (Recirculation #23a)*", proposed by Jon Labs, seconded by Phil Barber.

There were some discussions on the exact meaning of the above comments. Roger explained some possible processes. A question was raised whether the WG chair has the expertise to resolve comments. Roger answered that, if the motion carried, he would find an appropriate process to resolve the comments and would not do so in isolation.

There was a request to set a deadline for the WG to resolve any comments. Jon said that he had confidence on the WG chair to resolve the comments promptly.

Motion passed 75/0/0.

Motion (at 8:35 pm): "*To authorize the WG at Session #47 to form a Sponsor Ballot Resolution Committee for the Sponsor Ballot on P802.16-2004/Cor2/D1 with or without a quorum.*", proposed by Jon Labs, seconded by Jose Puthenkulam.
Motion passed 74/0/0.

A question was raised whether the sponsor ballot pool has been formed; Jon said that the invitation was sent on Nov. 14. Phil suggested getting a draft ready in a week, so it would be possible to conclude sponsor ballot before Session #47. Jon said that would require multiple experience editors, considering the amount of change, and he could not promise to meet that schedule.

Roger asked if Jon has contacted the disapproved voters. The answer was "not yet."

License-Exempt Task Group
A report was made by the TG Chair Mariana Goldhamer (document IEEE 802.16h-06/028).

Mariana also explained the plan to resolve the remaining unresolved comments.

Lei Wang raised a question, asking if a call for comments will be issued. Mariana's answer was "yes".

Relay Task Group
A report was made by the Relay TG Chair Mitsuo Nohara (document IEEE 802.16j-06/032).

NetMan Task Group

A report on the P802.16g, P802.16k, and P802.16i projects was made by the TG Chair Phillip Barber (document 802.16netman-06/019).

Motion (8:58 pm):

"To develop and issue the Working Group Draft P802.16g/D6, to authorize the WG Chair to forward P802.16g/D6 to the EC for conditional approval to initiate a Sponsor Ballot on the Draft, to initiate a Working Group Letter Ballot confirmation recirculation to close around December 13, 2006, and to authorize the WG Chair to initiate a Sponsor Ballot on the Draft.", Proposed by Phil Barber, seconded by David Johnston.

Scott Henderson asked to clarify whether the activities specified in the motion are to be done in serial fashion. Phil's answer was yes.
Motion passed by 77/0/1.

Motion (9:04 pm):

"To develop and issue the Draft P802.16k/D4, to request conditional approval to forward P802.16k/D4 to RevCom, and to initiate a Working Group Letter Ballot confirmation recirculation to close around December 10, 2006", Proposed by Phil Barber, seconded by David Johnston.

Roger queried the positions of the remaining disapprove voters

Daivd Castelow and Max Riegel indicated that they switched their vote from no to yes. David Johnston will contact two other remaining disapproval voters.

Motion passed by 70/0/0.

Phil polled the list of disapprove voters for IEEE 802.16g Letter Ballot #20.

Kevin Baum, Jaehee Cho, Richard Van Leeuwen indicated that they switched their vote from no to yes.

Project Planning Committee

The following report was made by the committee Chair Brian Kiernan (document 802.16-06/081r3).

Motion (9:14):

That the WG Chair forward the revised 802.16m PAR, IEEE 802.16-06/054r2, and 5 Criteria, IEEE 802.16-06/055r3, to the IEEE 802 EC for approval and forwarding to NESCOM, proposed by Brian Kiernan, seconded by Sassan Ahmadi.

Passed: 93/0/0

Roger displayed an email comment on the 802.16m PAR from Steve Shellhammer. There were some discussions on the PAR language, which might raise his concerns.

Motion (9:35):

That the WG Chair be authorized to make changes to IEEE 802.16-06/054r2 and IEEE 802.16-06/055r3 to resolve EC concerns, including clarification of 7.1 in the PAR.. Proposed by Brian Kiernan, seconded by Phil Barber.

There was a discussion regarding whether the Chair intended to make changes to the position that was discussed at length within the Project Planning Committee. Roger answered that he has no intention to do so. There was a suggestion to add a sentence to indicate that the Chair will not change the project scope. Phil rejected inclusion of such language.

Passed: 88/0/4

Liaisons

NIST: key hierarchy spec

David Johnston presented a liaison statement to Lily Chen of NIST regarding a forthcoming NIST key hierarchy standard (IEEE L802.16-06/036).

(Motion 9:55pm): Authorize to the chair to forward L802.16-06/036d1 to the EC for approval and forwarding to NIST, following appropriate editorial updates to L802.16-06/036d1 by the chair. Proposed by David Johnston, Seconded by David Castelow, passed by unanimous voice vote.

ITU-R

The ITU-R Liaison Officer, José Costa, presented the ITU-R ad-hoc report (L802.16-06/029).

Motion (10:08):
"To approve IEEE L802.16-06/032d0 and authorize the WG Chair to submit it to the IEEE 802 Executive Committee for approval, with the intent to submit to ITU-R as an IEEE contribution."

"To approve IEEE L802.16-06/031d1and authorize the WG Chair to submit it to the IEEE 802 Executive Committee for approval, with the intent to submit to ITU-R as an IEEE contribution."

"To approve IEEE L802.16-06/035d1and authorize the WG Chair to send it to the WiMAX Forum."

"To approve IEEE L802.16-06/034d5 and authorize the WG Chair to submit it to the IEEE 802 Executive Committee for approval, with the intent to submit to ITU-R as an IEEE contribution."

"To approve IEEE L802.16-06/033d3 and authorize the WG Chair to submit it to the IEEE 802 Executive Committee for approval, with the intent to submit to ITU-R as an IEEE contribution."

Proposed by José Costa, seconded by Reza Golshan, passed: 70/0/0

CCSA TC5

The Chair appointed Ms. Yanhong Wang as the 802.16 WG's CCSA TC5 liaison officer. She gave a brief introduction of CCSA TC5.

The liaison status report on IANA IfType 184 and OID 184, prepared by Erik Colban, was noted (IEEE L802.16-06/028r1).

Future Sessions

(Motion 10:18pm): To approve the WG to conduct business with or without Quorum at Session #47, proposed by Phil Barber, seconded by Jon Labs, approved by unanimous consent.

Session #47: 15-18 January 2007: London, UK with IEEE 802 Joint Interim Session
Session #48: 12-15 March 2007: Orlando, FL, USA with IEEE 802 Plenary Session
Session #49: 21-24 May 2007: IEEE 802.16 Interim Session, Portland, OR, USA, hosted by Jose Puthenkulam
Session #50: 16-19 July 2007: San Francisco, CA, USA with IEEE 802 Plenary Session
Session #51; site to be determined during Session #46.
        Proposals solicited; one proposal received.

Ed Agis presented the proposal of hosting Session #51 at Malaga, Spain on behalf of Gordon Antonello. The required proposal checklist was not available for review.

Motion: 10:31, "To accept Malaga, Spain as the Session #51 meeting site for the week of September 17" proposed by Mariana Goldhamer, seconded by Panyuh Joo, passed by unanimous voice vote.

E911 Requirements for IP-Enabled Service Providers
Scott Henderson presented information on US FCC requirements regarding E911 for IP-enabled service oroviders (IEEE C802.16-06/033) and presented a report (IEEE C802.16-06/032) of an IETF workshop on emergency services coordination.

New Business

No new business.

Closing
A Motion (at 10:54 pm) to adjourn the meeting was made by Panyuh Joo, seconded by Carl Eklund, and carried by unanimous voice vote. The meeting was adjourned at 10:54 pm on 16 November 2006.

Registration List: IEEE 802.16 Session #46

Updated 06/11/24, 01:57 AM (MT)

324 attendees, including 292 with "participation" credit (based on a minimum of six intervals, using the participation logs).

Participation Credit	Name \Given	Name\Family	Company	City	State \Province	Country
Yes	Ray	Abrishami	Fujitsu Microelectronics America	Sunnyvale	CA	USA
No	Hossam	Afifi	INT	Evry		France
No	Sassan	Ahmadi	Intel Corporation	Hillsboro	OR	USA
Yes	Seyed Ali	Ahmadzadeh	University of Waterloo	Waterloo	ON	Canada
Yes	Jeehwan	Ahn	ETRI			Korea
Yes	Junbae	Ahn	SOLiD Technologies	Seoul		Korea
Yes	Dov	Andelman	Intel Corp.	Raanana		Israel
Yes	Reza	Arefi	Intel Corp.	Hillsboro	OR	USA
Yes	Masahito	Asa	Motorola Japan Ltd.	Tokyo		Japan
Yes	Andrew	Baek	Troicom	Tustin	CA	USA
Yes	Phillip	Barber	Huawei	Plano	TX	USA
Yes	Dharma	Basgeet	Toshiba Research Europe Ltd	Bristol		UK
Yes	Kevin	Baum	Motorola Inc.	Schaumburg	IL	USA
Yes	Adrian	Boariu	Nokia	Irving	TX	USA
Yes	Eckard	Bogenfeld	Deutsche Telekom	Darmstadt		Germany
Yes	Achim	Brandt	Siemens	Muenchen		Germany
Yes	Dale	Branlund	BRN Phoenix, Inc.	Santa Clara	CA	USA
Yes	Terri	Brooks	Consultant	Trophy Club	TX	USA
No	Walter	Buga	Proximetry	Davis	CA	USA
Yes	Marco	Caretti	Telecom Italia	Torino		Italy

Yes	David	Castelow	Airspan Communications Ltd	Uxbridge		UK
Yes	Jaesun	Cha	ETRI	Daejeon		Korea
Yes	Suchang	Chae	ETRI			Korea
Yes	Jae Hwan	Chang	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Yes	Sungcheol	Chang	ETRI	Daejeon		Korea
Yes	Naftali	Chayat	Alvarion Ltd.	Tel Aviv		Israel
Yes	Wei-Peng	Chen	Fujitsu Labs. of America	Sunnyvale	CA	USA
Yes	Aik	Chindapol	Siemens	Princeton	NJ	USA
No	Hanbyeog	Cho	ETRI			Korea
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	Myeon-Gyun	Cho	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Hokyu	Choi	Samsung Electronics Co., Ltd.	Sungnam-Shi	Gyeonggi-do	Korea
Yes	Joonyoung	Choi	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Yang-Seok	Choi	Intel	Hillsboro	OR	USA
Yes	Yong-Hoon	Choi	Kwangwoon University	Seoul		Korea
Yes	Joey	Chou	Intel Corp.	Chandler	AZ	USA
Yes	Jimmy	Chui				USA
Yes	Takafumi	Chujo	Fujitsu Laboratories Ltd.	Yokohama	Kanagawa	Japan
Yes	Erik	Colban	NextWave Broadband, Inc.	San Diego	CA	USA
Yes	David	Comstock	Huawei Technologies Co., Ltd	San Diego	CA	USA
Yes	Keith	Conner	BAE Systems	Wayne	NJ	USA

IEEE 802.16 Session #46 Registration List

Yes	Thomas	Cook	Troicom Inc	Tustin	CA	USA
Yes	JosŽ	Costa	Nortel	Ottawa	ON	Canada
Yes	Steven	Crowley	DoCoMo USA Labs	Washington	DC	USA
Yes	Mark	Cudak	Motorola	Schaumburg	IL	USA
Yes	George	Cummings	Motorola	Chandler	AZ	USA
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Yes	Per	Elmdahl	Ericsson	Linkoping		Sweden
Yes	Kamran	Etemad	Nextel Communications	Reston	VA	USA
Yes	Jai	Eu	Jcast Networks Korea	Anyang-Si	Gyeonggi-do	Korea
Yes	Yu-Chang	Eun	Samsung	Suwon	Gyeonggi-do	Korea
Yes	Torsten	Fahldieck	Alcatel	Stuttgart		Germany
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Yes	Daqing	Gu	Mitsubishi Electric			USA
No	Omer	Gurewitz	Rice University	Houston	TX	USA
Yes	Ismail	Guvenc	DoCoMo USA Labs	Palo Alto	CA	USA
Yes	Genebeck	Hahn	LG Electronics			Korea
Yes	Shkumbin	Hamiti				Finland
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Yes	Yong	Sun	Toshiba Research Europe Limited	Bristol		UK
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Yes	Assaf	Touboul	Designart Networks	Ra'anana	AZ	Israel
Yes	Shiau-He	Tsai	Ericsson AB	Stockholm		Sweden
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Yes	Haihong	Zheng				USA
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