

MINUTES (Unconfirmed) IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING, Revision 0

Prepared by John D'Ambrosia, Recording Secretary

Friday, Nov 15, 2013 – 1:00PM.
All times Central Standard Time (CST)

Dallas, TX, USA.

EC members (or their representatives) present:

Paul Nikolich –	Chair, IEEE 802 LAN/MAN Standards Committee
Pat Thaler –	1 st Vice Chair, IEEE 802 LAN/MAN Standards Committee
James Gilb –	2 nd Vice Chair, IEEE 802 LAN/MAN Standards Committee, Chair, IEEE 802.24 Smart Grid TAG
Clint Chaplin –	Treasurer, IEEE 802 LAN/MAN Standards Committee
Jon Rosdahl –	Executive Secretary, IEEE 802 LAN/MAN Standards Committee
John D'Ambrosia –	Recording Secretary, IEEE 802 LAN/MAN Standards Committee
Tony Jeffree –	Chair, IEEE 802.1 – HILI Working Group
David Law –	Chair, IEEE 802.3 – Ethernet Working Group
Bruce Kraemer –	Chair, IEEE 802.11 – Wireless LAN Working Group
Bob Heile –	Chair, IEEE 802.15 – Wireless PAN Working Group
Roger Marks –	Chair, IEEE 802.16 – Broadband Wireless Access Working Group
Mike Lynch –	Chair, IEEE 802.18 – Regulatory TAG
Steve Shellhammer –	Chair, IEEE 802.19 – Wireless Coexistence Working Group
Subir Das –	Chair, IEEE 802.21 – Media Independent Handover Working Group
Apurva Mody –	Chair, IEEE 802.22 – Wireless RANs Working Group

Nonvoting EC members present:

Geoff Thompson –	Member Emeritus
Max Riegel -	Chair, OmniRAN EC Study Group
Canchi Radhakrishna –	Chair, IEEE 802.20 – Mobile Broadband Wireless Access Working Group

EC members absent:

Nonvoting EC members absent:

John Lemon –	Chair, IEEE 802.17 – Resilient Packet Ring Working Group
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v04		DRAFT AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING			
		Friday 1:00PM-6:00PM			
Key:		ME - Motion, External, MI - Motion, Internal, DT- Discussion Topic, II - Information Item			
		Special Orders			
		Category (* = consent agenda)			
1.00		MEETING CALLED TO ORDER	Nikolich	1	01:05 PM

Chair called meeting to order @ 1:00PM

2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	10	01:06 PM
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V04 agenda URL - <https://mentor.ieee.org/802-ec/dcn/13/ec-13-0050-04-00EC-nov-2013-closing-agenda.xlsx>

Discussion regarding agenda –

Add reference to document under consideration for these items on consent agenda

- o 7.066 - <http://www.ieee802.org/secmail/pdfnVwAq8mS1m.pdf>
- o 7.073 – Doc 802.11-13.1446r0 (URL: <https://mentor.ieee.org/802.11/dcn/13/11-13-1446-00-0hew-ieee-802-11-liaison-to-wfa-on-prioritization-of-high-efficiency-wlan-hew-usage-scenarios.doc>)
- o 7.074 - 802.11-13-0123r5 (URL: <https://mentor.ieee.org/802.11/dcn/13/11-13-0123-05-000m-iso-jtc1-sc6-8802-11-2012-comments.xls>)

* Motion #1	Move to approve modified agenda
Moved	D'Ambrosia
Second	Mody
Results	14-0-0
Motion	Passes
Reference	Agenda Item #2.0

Updated Agenda (URL: <https://mentor.ieee.org/802-ec/dcn/13/ec-13-0050-05-00EC-nov-2013-closing-agenda.xlsx>)

v05		DRAFT AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING			
		Friday 1:00PM-6:00PM, Nov 15, 2013			
Key:		ME - Motion, External, MI - Motion, Internal, DT- Discussion Topic, II - Information Item			
		Special Orders			
		Category (* = consent agenda)			
1.00		MEETING CALLED TO ORDER	Nikolich	1	01:00 PM
2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	10	01:01 PM
					01:11 PM

3.00	II	Announcements from the Chair	Nikolich	5	01:11 PM
3.001	II	March 2014 Election Notice	Nikolich	2	01:16 PM
3.01	MI	WG Officer Confirmation (IEEE 802.3 Vice Chair, Adam Healey)	Law	2	01:18 PM
					01:20 PM
4.00		LMSC Internal business			01:20 PM
4.001	MI	Proposed Changes to OM and WG P&P	Gilb	10	01:20 PM
4.01	DT	802 Overview and Architecture report	Gilb	5	01:30 PM
4.02	MI	Future Venue Meeting Output	Rosdahl	10	01:35 PM
4.021	DT	RFP meeting action items	Rosdahl	10	01:45 PM
4.03	II	Treasurer's report	Chaplin	10	01:55 PM
					02:05 PM
5.00		IEEE Standards Board and Sponsor Ballot Items			02:05 PM
5.01	-	IEEE 802.18	Lynch	0	02:05 PM
5.02		IEEE 802.19		0	02:05 PM
5.021	ME	IEEE 802.19.1 to Sponsor Ballot	Shellhammer	5	02:05 PM
5.03	-	IEEE 802.21	Das	0	02:10 PM
5.04		IEEE 802.22		0	02:10 PM
5.041	ME	IEEE 802.22a - Amendment on MIBs and Management Plane to RevCom	Mody	5	02:10 PM
5.042	ME	IEEE 802.22 Revision PAR to NesCom	Mody	5	02:15 PM
5.045	ME	IEEE OmniRAN EC Study Group: Recommended Practice, Network Reference Model and Functional Description of IEEE 802 Access Network PAR to NesCom	Riegel	15	02:20 PM
5.05		IEEE 802.1		0	02:35 PM
5.051	ME	IEEE 802.1AB Cor-2 PAR to NesCom	Jeffree	3.1415927	02:35 PM
5.052	ME	IEEE 802.1Q-REV PAR modification to NesCom	Jeffree	3.1415927	02:38 PM
5.053	ME	IEEE 802.1AX-REV PAR modification to NesCom	Jeffree	3.1415927	02:41 PM
5.054	ME	IEEE 802 PAR extension request to NesCom	Jeffree	3.1415927	02:44 PM
5.055	ME	IEEE 802.1Q-REV to Sponsor ballot (Conditional)	Jeffree	3.1415927	02:47 PM
5.056	ME	IEEE 802.1Xbx to Sponsor ballot	Jeffree	3.1415927	02:50 PM
5.057	ME	IEEE 802.1Qbp to RevCom	Jeffree	3.1415927	02:53 PM
5.06		IEEE 802.3		0	02:56 PM
5.061	ME	IEEE 802.3bj 100 Gb/s Backplane and Copper Cable to Sponsor Ballot	Law	5	02:56 PM
5.062	ME	IEEE 802.3br Interspersing Express Traffic PAR to NesCom	Law	5	03:01 PM
5.063	ME	IEEE 802.3bt DTE Power via MDI over 4 Pair PAR to NesCom	Law	5	03:06 PM

5.064	ME	IEEE 802.3bu 1-Pair Power over Data Lines PAR to NesCom	Law	5	03:11 PM
5.065	ME	IEEE 802.3 Next Generation Ethernet Passive Optical Network (NG-EPON) ICAID to ICCOM	Law	5	03:16 PM
5.07		IEEE 802.11		0	03:21 PM
5.071	ME	IEEE 802.11ac to RevCom	Kraemer	5	03:21 PM
5.072	ME	IEEE 802.11af to RevCom	Kraemer	5	03:26 PM
5.08		IEEE 802.15		0	03:31 PM
5.081	ME	IEEE 802.15.4m (TVWS PHY amendment) to RevCom -conditional	Heile	5	03:31 PM
5.082	ME	IEEE 802.15.4p (Rail Communications & Control PHY amendment) to RevCom - conditional	Heile	5	03:36 PM
5.09	-	IEEE 802.16	Marks	0	03:41 PM
		Break		10	03:41 PM
6.00		Executive Committee Study Groups, Working Groups, TAGs		0	03:51 PM
6.02	-	IEEE 802.18	Lynch	0	03:51 PM
6.03	-	IEEE 802.19	Shellhammer	0	03:51 PM
6.04	-	IEEE 802.21	Das	0	03:51 PM
6.05		IEEE 802.22		0	03:51 PM
6.051	MI	Spectrum Occupancy Sensing (SOS) Study Group Formation	Mody	5	03:51 PM
6.06	-	IEEE 802.24	Gillb	0	03:56 PM
6.07	MI	IEEE OmniRAN EC Study Group - EC Study Group 2nd Extension	Riegel	5	03:56 PM
6.08	-	IEEE 802.1	Jeffree	0	04:01 PM
6.09		IEEE 802.3		0	04:01 PM
6.091	MI	IEEE P802.3bm 40 Gb/s and 100 Gb/s Fiber Optic Ethernet Five Criteria update	Law	5	04:01 PM
6.092	MI	IEEE 802.3 Distinguished Minimum Latency Traffic Study Group (3rd extension)	Law	5	04:06 PM
6.093	MI	IEEE 802.3 400 Gb/s Ethernet Study Group (2nd extension)	Law	5	04:11 PM
6.094	MI	IEEE 802.3 4-Pair Power over Ethernet (PoE) Study Group (2nd extension)	Law	5	04:16 PM
6.095	MI*	IEEE 802.3 Power over Data Link (PoDL) Study Group (1st Extension)	Law	0	04:21 PM
6.10		IEEE 802.11		0	04:21 PM
6.101	MI	IEEE 802.11 HEW Study Group (2nd Extension)	Kraemer	5	04:21 PM
6.11		IEEE 802.15		0	04:26 PM
6.111	MI*	IEEE 802.15 Spectrum Resource Utilization (SRU) Study Group (1st Extension)	Heile	0	04:26 PM
6.112	MI*	IEEE 802.15 SG on Beam Switchable Wireless Links (100G) (1st Extension)	Heile	0	04:26 PM
6.113	MI	New SG-- 15.7 amendment supporting optical camera communications	Heile	5	04:26 PM
6.114	MI	New SG-- 15.4 amendment for a common ranging protocol	Heile	5	04:31 PM

6.115	MI	New SG-- 15.4 amendment for EU regional PHY support	Heile	5	04:36 PM
6.12	-	IEEE 802.16	Marks	0	04:41 PM
6.13	MI	Motion to Establish an 802 EC ITU Ad hoc	Parsons	10	04:41 PM
6.14	II	Joint Meeting (802.1 / 802.15) Meeting 48/64 bit Addressing Update	Jeffree	5	04:51 PM
				0	04:56 PM
7.00		LMSC Liaisons and External Interface		0	04:56 PM
7.01		IEEE 802.18		0	04:56 PM
7.011	ME*	18-13-0115-01 "Proposed Draft: Update of WirelessMAN-Advanced RIT toward Revision 2 of Rec. ITU-R M.2012 (Meeting Y Notification)"	Lynch	0	04:56 PM
7.012	ME*	18-13-0090-04 "Draft submission to the FCC in support of the IEEE USA petition for rules above 95 GHz"	Lynch	0	04:56 PM
7.02	-	IEEE 802.19	Shellhammer	0	04:56 PM
7.03	-	IEEE 802.21	Das	0	04:56 PM
7.04		IEEE 802.22		0	04:56 PM
7.041	ME	IEEE 802.22 Radio Environment Map Study Group Press Release	Mody	5	04:56 PM
7.05	-	IEEE 802.24	Gillb	0	05:01 PM
7.055	-	IEEE OmniRAN EC Study Group	Riegel	0	05:01 PM
7.06		IEEE 802.1		0	05:01 PM
7.061	ME	IEEE 802.1Q-REV to ISO/IEC JTC1 SC6, for adoption	Jeffree	3.1415927	05:01 PM
7.062	ME	IEEE 802.1AEbn and P802.1AEbw to ISO/IEC JTC1 SC6, for adoption	Jeffree	3.1415927	05:04 PM
7.063	ME	P802.1Xbx to ISO/IEC JTC1 SC6, for information	Jeffree	3.1415927	05:07 PM
7.065		IEEE 802.3		0	05:10 PM
7.066	II*	Liaison reply to ISO/IEC JTC1/SC 25 WG3: Information from IEC/SC 46C relevant to IEEE P802.3bp, http://www.ieee802.org/secmail/pdfnVwAq8mS1m.pdf	Law	0	05:10 PM
7.07		IEEE 802.11		0	05:10 PM
7.071	II	IEEE 802.11ac Press Release	Kraemer	5	05:10 PM
7.072	II	IEEE 802.11af Press Release	Kraemer	5	05:15 PM
7.073	II*	Liaison Letter to WI-Fi Alliance expressing thanks, 802.11-13.1446r0	Kraemer	0	05:20 PM
7.074	II*	Liaison Letter to ISO/JTC1/SC6 response to FDIS ballot comments on IEEE802.11-2012, 802.11-13-0123r5	Kraemer	0	05:20 PM
7.08	-	IEEE 802.15	Heile	0	05:20 PM
7.09	-	IEEE 802.16	Marks	0	05:20 PM
					05:20 PM
8.00		IEEE SA items			05:20 PM
8.01		802 / SA Roles & Responsibilities Document Revision	Gerdon / Nikolich	5	05:20 PM
					05:25 PM

9.00		Information Items			05:25 PM
9.01	II	JTC1 ad-hoc report	Myles	5	05:25 PM
9.02	II	Regulatory report	Lynch	5	05:30 PM
9.03	II	Executive secretary report	Rosdahl	5	05:35 PM
9.04	II	Recording Secretary Report	D'Ambrosia	2	05:40 PM
9.05	II	Ethernet 40th Anniversary	D'Ambrosia	2	05:42 PM
9.06	II*	Appeals report -No items to report	D'Ambrosia	0	05:44 PM
9.07	II	Network Services report	Alfvin	5	05:44 PM
9.08	II*	Announcement of 802 EC Interim Telecon, Tuesday 4 Feb 2014 1-3pm ET (EC-13/54r1)	Rosdahl	0	05:49 PM
9.09	II*	Call for Tutorials for Nov 2014 Plenary (Monday, March 17, 2014) (EC-13/54r1)	Rosdahl	0	05:49 PM
9.10	II	Exec Leadership Meeting Logistics	Stephens / Rosdahl	5	05:49 PM
					05:54 PM
10.00		ADJOURN SEC MEETING	Nikolich		05:54 PM

3.00	II	Announcements from the Chair	Nikolich	5	01:11 PM
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Paul Nikolich declared Huawei is a sponsor.

3.001	II	March 2014 Election Notice	Nikolich	2	01:16 PM
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Chair reminded everyone elections in March 2014. Declared he will run for chair, and will be sending announcements out regarding election procedures.

Action Item: Nikolich Action item to send out announcement regarding election procedures for IEEE 802

3.01	MI	WG Officer Confirmation (IEEE 802.3 Vice Chair, Adam Healey)	Law	2	01:18 PM
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Law Presented slides 1 and 2

Recording Secretary confirmed letters of affiliation and endorsement had been provided by Mr. Healey.

Confirmation of IEEE 802.3 Vice Chair

Motion

The IEEE 802 Executive Committee confirms Adam Healey as IEEE 802.3 Vice Chair

M: Law S: D'Ambrosia

Y: ??, N: ??, A: ??

Working Group vote:

Y: 118, N: 0, A: 0 unopposed

* Motion #2	The IEEE 802 Executive Committee confirms Adam Healey as IEEE 802.3 Vice Chair
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	Agenda Item #3.01

4.00		LMSC Internal business			01:20 PM
4.001	MI	Proposed Changes to OM and WG P&P	Gilb	10	01:20 PM

Gilb presented slides from <https://mentor.ieee.org/802-ec/dcn/13/ec-13-0053-02-00EC-proposed-rule-change-for-november-2013.pdf>

November 2013

ec-13-0053-02-00EC

Rule changes for November 2013

IEEE 802 LMSC EC

Slide 1

James Gilb (Tensorcom)

November 2013

ec-13-0053-02-00EC

Guidelines for IEEE-SA Meetings

- **All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.**
- **Don't discuss the interpretation, validity, or essentiality of patents/patent claims.**
- **Don't discuss specific license rates, terms, or conditions.**
 - Relative costs, including licensing costs of essential patent claims, of different technical approaches may be discussed in standards development meetings.
 - Technical considerations remain primary focus
- **Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.**
- **Don't discuss the status or substance of ongoing or threatened litigation.**
- **Don't be silent if inappropriate topics are discussed... do formally object.**

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <http://standards.ieee.org/about/sasb/patcom/index.html>

See *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and "Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy" for more details.

This slide set is available
at <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt>

IEEE 802 LMSC EC

Slide 2

James Gilb (Tensorcom)

4.1.5 Revision of OM and WG P&P

- Revisions to these documents shall be submitted by a Sponsor member to the Sponsor no less than 30 day in advance of a Sponsor Vote to approve them. The Sponsor member proposing the revision may modify the proposed revision during the 30 days prior to a Sponsor Vote (in response to comments). Insufficient time to consider complex modifications is a valid reason to vote disapprove. A motion to revise these documents shall require a vote of approve by at least two thirds of all voting members of the Sponsor. Votes to approve revisions shall be taken at a plenary session. If approved, revisions become effective at the end of the plenary session where the votes were taken.
- We have 6 officers, 10 voting WG/TAG chairs (one overlap)
 - 15 voting members, 2/3 approval is 10 affirmative votes

Overview of changes

- OM
 - 5C/CSD update (ec-13-0009-12)
 - Private letter ballot process
 - Define private process, can we have “private” email discussion (In process with SA)
 - Status of Chair's Guidelines
- WG P&P
 - Reciprocal and anisotropic credit
- CG
 - Various

Proposed OM changes

5C/CSD

- Refer to document ec-13-0009-12
- Suggested process
 - Comments from WGs due Tuesday 5 pm.
 - Response due Wednesday 4 pm to allow consideration at WG closings.
- To be considered at EC closing

OM: Private Letter Ballot (1)

- Add a new subclause, 6.1.4: Private Electronic Ballot
 - The Sponsor Chair may declare that an electronic ballot is to be a private electronic ballot. A private electronic ballot shall only be held to decide items that would otherwise require an executive session. The Sponsor Chair or a Sponsor member designated by the Sponsor Chair is the ballot coordinator. The ballot coordinator shall be a non-conflicted individual in the matter to be decided. The ballot coordinator shall publicly announce the private electronic ballot to the Sponsor email reflector, including, at a minimum, the following items:
 - The start and end times of the ballot and the possibility of an early close (if applicable)
 - A generic description of the action being considered
 - The members of the Sponsor who are entitled to vote
 - Regardless of an early close provision, the duration of a private electronic ballot shall be at least 5 days.
 - In addition, the ballot coordinator shall send the complete private electronic ballot announcement to the email address of record for each of the members of the Sponsor who are entitled to vote with at least the following information:
 - The full motion including mover and seconder
 - Start and end time of the ballot and the possibility of an early close (if applicable)
 - Links to the required additional information, kept in a private area, if required.

OM: Private Letter Ballot (2)

- (continue new subclause, closing the ballot)
 - The Sponsor members shall only send their vote directly to the ballot coordinator. The ballot coordinator shall confirm the vote by sending a response to the Sponsor member. No comments shall be included in the ballot. No discussion of the motion is provided for in the private electronic ballot process. When the private electronic ballot process has completed, the ballot coordinator shall announce the result of the ballot to the Sponsor email reflector stating if the ballot passed or failed.
 - The Sponsor Chair shall determine which information is to be kept private consistent with the requirements for executive session.

Comments from July

- Replace with offline voting with specified time period.
- Change to other descriptive adjective?
 - (e.g., private, confidential. ??)
- Defer and discuss on October conference call, Geoff to propose alternative process.
- What are we trying to protect?
- Levels of confidentiality?

Status of Chair's Guidelines

- Add to the end of Clause 1.
 - In order to maintain some consistency of operation, the Sponsor Chair may maintain a public document to be called the "IEEE 802 LMSC Chair's Guidelines and EC policy decisions". This document will give the reader a hint at how the Sponsor Chair will be expected to deal with situations described therein. This is considered useful for recurring situations and to avoid management which appears to be capricious. The scope of the document is to be limited to matters of decision that are within the powers of the Sponsor Chair or to record selected policy decisions decided by a vote of the Sponsor.

WG P&P proposed changes

Reciprocal credit

- Add new subclause to “7.2 WG membership status” titled “Reciprocal credit”
 - In order to encourage attendance in certain WGs whose subject matter is of significance across IEEE 802, the Sponsor may allow reciprocal attendance credit.
 - A home group is a WG or TAG in which a person is a member (i.e., has voting rights). A reciprocal group is a WG or TAG in which the person is attending and the Sponsor has approved as reciprocal group. Reciprocal credit is meeting participation credit that is registered in the home group while the person is attending a meeting in the reciprocal group. Reciprocal credit shall only be allowed for members of a home group and shall not be allowed to be used to gain membership.

Reciprocal credit (cont)

- Continuing with a new paragraph
 - The Chair of the home group shall determine if reciprocal credit will be allowed for that home group while attending a reciprocal group. A person registering attendance in a reciprocal group shall obtain attendance credit in the persons home group and the reciprocal group. If the person has more than one home group for which the Chair of the home group has allowed reciprocal credit, then the person shall select which home group for which they will be given credit.

WG Chair session credit

- Change the following line in 7.2.1 as shown:
 - Membership may be declared at the discretion of the WG Chair (e.g., for contributors by correspondence or other significant contributions to the WG). The WG Chair may authorize meeting attendance credit for individuals while on activities approved by the WG Chair.

WG Quorum requirement

- Add to the end of 9.5 on quorum
 - No quorum is required at meetings held in conjunction with the plenary session since the plenary session time and place is established well in advance. No quorum is required for any WG meeting publicly announced at least 45 days in advance. A quorum is required at other WG meetings.
- Was in WG P&P dated 4 June 2012, but was inadvertently removed in the 17 November 2012 (v10).

Changes to Chair's Guidelines

Summary of CG changes

- 802 Electronic Media Production Agreement
- Guideline on public statements
- Relax commercialization requirements for sponsors
- Guidelines for consent agenda items
- Industry connections information.
- Ballot announcements
- Copy WG ballot information to EC reflector
- Hyperlinks missing (will be handled editorially)
- Executive Secretary Designee
- Fee waivers for SDO officers

Electronic media agreement

- Refer to document ec-13-0013-01

Guidelines on public statements

- Nikolich to assist here
- Most likely has to do with issuing public statements as per the P&P
 - Not practical, current rules are sufficient
 - No change required.

Guidelines for consent agenda

- Add new section to CG.
- The following should be considered for inclusion on the consent agenda:
 - First renewal of a Study Group (either ECSG or WGSG)
 - Public statements (e.g., press releases, responses to regulatory bodies, liaison statements, etc.) that have been made available to the EC members 48 hours in advance of the start of the meeting.
 - Presentation of the Tutorial schedule at the opening meeting, only if all presentations have been given to the Recording Secretary according to the guidelines.
 - Other pro-forma information items
 - Meeting minutes from previous meetings if they have been distributed 1 week in advance.

Industry connections

- D'Ambrosia to add
- Should include links to documents and a short summary of the process
- Reasons why (or why not) to use IC

Ballot announcements

- In the CG, 2.9:
 - “In addition, Announcements (without attachments) of key activities such as WG ballots of drafts should be copied to the EC email reflector.”
- And in the CG, 2.10:
 - “WG Ballot information (excluding information on how to access drafts) should be copied to the EC reflector as general information for other Working Groups.”
- We don't do this, so either:
 - Delete the requirement.
 - Begin to comply with the requirement.
- Process: Discuss with the EC as a whole, workshop discussion.

Executive Secretary meeting designee

- New item in CG.
- The Executive Secretary may select an individual, referred to as the Meeting Designee, to be in charge of a venue. The responsibilities of the Meeting Designee are:
 - 1. Work with Meeting Planner to get RFP for the dates assigned
 - 2. Get Meeting Planner to send the RFP one or more venues
 - 3. Review the response from the venue(s) and help in preparing the contract
 - 4. Present the bid with the Executive Secretary to the IEEE 802 EC (due to the P&P).
 - 5. Attend the Site visit to walk the space with the Meeting Planner and meet with the hotel staff as the IEEE 802 EC contact point. The Meeting Planner is the primary Hotel Contact.
 - 6. Watch the terms of the contract to ensure that IEEE 802 meets our obligations and that the venue meets theirs.
 - a. If there are deposits make sure the Treasurer makes them on time.
 - b. If we have room block obligations deadlines, make sure the Executive Secretary and Meeting Planner have responded in timely manner
 - c. Attend the pre-meeting with the hotel again as the IEEE 802 EC contact.
 - d. Be aware of the details of the contract to ensure compliance

Fee waivers for SDO officers

- Add to the end of 2.3
 - 6) In addition to the previously mentioned 10 waivers, the Sponsor Chair may rarely grant meeting fee waivers for invited officers of other SDOs who do not regularly attend IEEE 802 meetings. The purpose of the waiver is to provide an opportunity for the individual to observe how IEEE 802 operates and to meet IEEE 802 leadership. Attendance at the meeting doesn't count toward establishing voting membership. The meeting fee waiver privilege is not intended to permit the individual to participate in project work. (Reciprocity should be considered.)

Backup information

Discussion

- Rules should be removed from software implementations.
- It takes time for software to implement rules that are developed.
- Concerns expressed regarding reciprocal credits. Better choice of wording was suggested.
 - It was agreed to move Slide 12, 13, 14 to EC February Discussion
 - Time for consent agenda was changed on Slide 20 from 48 hours to 24 hours in advance for Public statements. (Current document is 53-02)
 - Modifications were made during discussion, resulting in update to Document 13-0053-02 (which is shown in the minutes).
 - Slide 22 was deferred until leadership Exec meeting.
 - Slide 24
 - Not clear what was meant by “Reciprocity should be considered. Suggested – “Reciprocal Treatment should be encouraged”

Time: 1:48PM

Gilb motions contained within <https://mentor.ieee.org/802-ec/dcn/13/ec-13-0068-00-00EC-november-2013-rules-motions.pdf>

5C/CSD updates

- This motion is brought under the process described in the subclause “Revision of the IEEE 802 LMSC OM and IEEE 802 LMSC WG P&P” of the IEEE 802 LMSC OM.
- Motion: The EC approves the changes described in document ec-13-0009-12, to the IEEE 802 LMSC Operations Manual
 - Moved: Gilb
 - Second: Heile
 - Vote:

* Motion #3	The EC approves the changes described in document EC-13-0009-12, to the IEEE 802 LMSC Operations Manual
Moved	Gilb
Second	Heile
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.001

Canchi Radhakrishna arrived approximately 1:35pm

OM updates

- This motion is brought under the process described in the subclause “Revision of the IEEE 802 LMSC OM and IEEE 802 LMSC WG P&P” of the IEEE 802 LMSC OM.
- Motion: The EC approves the changes described in document ec-13-0053-02, slides 7, 8 and 10, to the IEEE 802 LMSC Operations Manual
 - Moved: Gilb
 - Second: Heile
 - Vote:

* Motion #4	The EC approves the changes described in document EC-13-0053-02, slides 7 and 8 to the IEEE 802 LMSC Operations Manual
Moved	Gilb
Second	Heile
Results	10-3-1
Motion	Passes
Reference	Agenda Item #4.001

Time: 1:52

* Motion #5	The EC approves the changes described in document EC-13-0053-02, slide 10, to the IEEE 802 LMSC Operations Manual
Moved	Gilb
Second	Heile
Results	13-1-0
Motion	Passes
Reference	Agenda Item #4.001

WG P&P updates

- This motion is brought under the process described in the subclause “Revision of the IEEE 802 LMSC OM and IEEE 802 LMSC WG P&P” of the IEEE 802 LMSC OM.
- Motion: The EC approves the changes described in document ec-13-0053-02, slides 12-15, to the IEEE 802 LMSC Working Group Policies and Procedures
 - Moved: Gilb
 - Second: Heile
 - Vote:

* Motion #6	The EC approves the changes described in document EC-13-0053-02, slide 15, to the IEEE 802 LMSC Working Group Policies and Procedures
Moved	Gilb
Second	Heile
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.001

EC-13-0053-03 was posted. Slides 20, 23, and 24 are shown below.

Guidelines for consent agenda

- Add new section to CG.
- The following should be considered for inclusion on the consent agenda upon request:
 - First renewal of a Study Group (either ECSG or WGSG)
 - Public statements (e.g., press releases, responses to regulatory bodies, liaison statements, etc.) that have been announced to the EC email reflector made available to the EC members 24 hours in advance of the start of the meeting.
 - Presentation of the Tutorial schedule at the opening meeting, only if all presentations have been given to the Recording Secretary according to the guidelines.
 - Other pro-forma information items
 - Meeting minutes from previous meetings if they have been announced to the EC email reflector and distributed 1 week in advance.

Executive Secretary meeting designee

- New item in CG.
- The Executive Secretary may select an individual, referred to as the Meeting Designee, to be in charge of a venue. The responsibilities of the Meeting Designee are:
 - 1. Work with Meeting Planner to get RFP for the dates assigned
 - 2. Get Meeting Planner to send the RFP one or more venues
 - 3. Review the response from the venue(s) and help in preparing the contract
 - 4. Present the bid with the Executive Secretary to the IEEE 802 EC (due to the P&P).
 - 5. Attend the Site visit to walk the space with the Meeting Planner and meet with the hotel staff as the IEEE 802 EC contact point. The Meeting Planner is the primary Hotel Contact.
 - 6. Watch the terms of the contract to ensure that IEEE 802 meets our obligations and that the venue meets theirs.
 - a. If there are deposits make sure the Treasurer makes them on time.
 - b. If we have room block obligations deadlines, make sure the Executive Secretary and Meeting Planner have responded in timely manner
 - c. Attend the pre-meeting with the hotel again as the IEEE 802 EC contact.
 - d. Be aware of the details of the contract to ensure compliance

Fee waivers for SDO officers

- Add to the end of 2.3
 - 6) In addition to the previously mentioned 10 waivers, the Sponsor Chair may rarely grant meeting fee waivers for invited officers of other SDOs who do not regularly attend IEEE 802 meetings. The purpose of the waiver is to provide an opportunity for the individual to observe how IEEE 802 operates and to meet IEEE 802 leadership. Attendance at the meeting doesn't count toward establishing voting membership. The meeting fee waiver privilege is not intended to permit the individual to participate in project work. Reciprocal treatment should be encouraged.

CG updates

- This motion is proposed using the EC's normal process to take action.
- Motion: The EC approves the changes described in document ec-13-0053-02 slides 20, 23 and 24 with editorial changes allowed.
 - Moved: Gilb
 - Second: Heile
 - Vote:

* Motion #7	The EC approves the changes described in document EC-13-0053-03 slides 20, 23 and 24 with editorial changes allowed.
Moved	Gilb
Second	Heile
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.001

4.01	DT	802 Overview and Architecture report	Gilb	5	01:30 PM
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Gilb provided verbal update. O&A Update passed. Summary was sent to EC reflector.
 Conference call to be held in a couple of weeks to continue comment resolution

4.02	MI	Future Venues	Rosdahl	10	01:35 PM
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Time:1:56PM

Rosdahl presented following slides

November 2013

doc.: IEEE EC-13/0054r1

4.02 Future venues items

4.021 RFP meeting action items

- **Updated Future Venues File posted:**
 - <https://mentor.ieee.org/802-ec/dcn/12/ec-12-0040-04-00EC-802-plenary-future-venue-contract-status.xlsx>
- **Future Venues Report**
 - Meeting on Tues 8-10am – Pryor Crockett
- **RFP for Meeting Planner**
 - Meeting on Thurs 8-10am – Pryor Crockett
- **Meeting Space allocation –**
 - Do not plan on more than 5 rooms in parallel without confirmation
 - Size: 100% -75% -50% -25% ~20 people
 - WG/TAGs less than 30 get only one room

Submission

Slide 15

Jon Rosdahl, CSR

November 2013

doc.: IEEE EC-13/0054r1

MI 4.02 Future Venue Meeting output

Report Status of Future Venues:

In general when we have a Venue that does not work for the initial targeted year, we are asking if possible in another future year.

Need for Site Visits:

Copenhegan, Berlin, Barcelona,

Submission

Slide 16

Jon Rosdahl, CSR

Potential Targets

Potential Targets for Even Years – Asia

New Possible: Bangkok, K-L, Singapore,
Shanghai, Shenzhen,
Sydney

Potential Targets for Odd Years – Europe

New Possible: Prague

New Targets for Even Years – Asia

Move to include the following cities as potential Non-NA/Non-US venues for Plenary Sessions in future Even Years.

Bangkok:

K-L,

Singapore:

Shanghai:

ShenZhen:

Sydney:

Move: Jon Rosdahl 2nd: Bob Heile

Y: N: A:

* Motion #8	Move to include the following cities as potential Non-NA/Non-US venues for Plenary Sessions in future Even Years. Bangkok: K-L, Singapore: Shanghai: ShenZhen: Sydney:
Moved	Rosdahl
Second	Heile
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.02

November 2013

doc.: IEEE EC-13/0054r1

New Targets for Odd Years – Europe

Praque:

Submission

Slide 19

Jon Rosdahl, CSR

Action Item - Rosdahl - Review of security of Istanbul.

* Motion #9	Move to include the following cities as potential Non-NA/Non-US venues for Plenary Sessions in future Odd Years. Prague Istanbul
Moved	Heile
Second	Mody
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.02

**Motion to approve Site visit for
Copenhagen/Berlin– Possible Plenary
Venue for March 2015 or March 2017**

**Whereas Berlin/Copenhagen are potential venue location for March 2015 or
March /July/Nov 2017**

**Move to approve a Site inspection trip for no more than 4 people with an
overall budget expenses expected less than \$25,000.**

The purpose of the trip includes:

The site inspection would include all the meeting space, meeting room layouts,
network capabilities, AV/power requirements, F&B specifications, security,
staffing coordination, shipment arrangements and any other session
considerations, including pricing and billing procedures.

Standard Travel expenses (e.g. Coach Class Air travel, local transport, food
and lodging) would be reimbursed.

Move: Rosdahl 2nd: D'Ambrosia --- Results:

Time 2:09pm

* Motion #10	Move to approve a Site inspection trip for no more than 4 people with an overall budget expenses expected less than \$25,000.
Moved	Rosdahl
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	Agenda Item #4.02

4.021	MI	RFP meeting action items	Rosdahl	10	01:45 PM
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Time 2:10PM

Rosdahl presented following slides

November 2013 doc.: IEEE EC-13/0054r1

II 4.021 RFP Meeting output

EC RFP AdHoc: Rosdahl, Gilb, Heile, Nikolich, Chaplin)

- **RFP Document will be open**
 - It will be posted to Mentor
 - No Pricing will be included
 - Ensure no Confidential info is included.
- **Request for comment from EC members**
 - Comments on Top 10 Due Wed-Nov 20, 2013
 - Potential Meeting Planners – due Tuesday Dec 3
- **Send RFP out Prior to Dec 17**
 - RFP AdHoc telecons – 1 per week

Submission

Slide 22

Jon Rosdahl, CSR

November 2013 doc.: IEEE EC-13/0054r1

What are the Top 10 things that we want the Meeting Planner to do?

1. **Handle Venue Logistics (Room allocation, Room Block pick-up)**
 - Provide local support – urgent care/emergency/dining options/what to see.
2. **Negotiate Venue Contract (solicitation of bids, negotiate with Venue)**
 - Ideal: one phone call request
 - Give region and receive options for choice
 - Give location and time – then Meeting occurs.
 - Oversight from EC Sec and EC Designee
 - Site Survey
3. **Manage Venue Expenses (F&B, AV, etc).**

Submission

Slide 23

Jon Rosdahl, CSR

Top 10 things that we want the Meeting Planner to do?

4. 802 Financial support(Registration, Budgets, cost tracking/reporting, bookkeeping expenses)

Credit card Processing

5. Promotion of 802 Sessions

Web page

Email blasting

Prepare/Handing/distribution of DVD/CD-ROM

Identify local travel logistics

i.e. Hotel card for Taxi, and anticipated fares

which airport and ways to get from airport to hotel

Identify local options for food activities

Quick lunch alternatives

Types of cuisine

Top 10 things that we want the Meeting Planner to do?

6. Identification of future Venues

Want to have a Meeting planner with lots of possible contacts

Experienced in worldwide meeting hosting logistics

7. Sponsor and Host solicitation

Assist in locating

Work with Host and Sponsor for consider/promotion fulfillment

8. Additional Meetings

Technical Workshop support

EC Workshop support

Top 10 things that we want the Meeting Planner to do?

9. Quality of Service Guarantee of User Experience

How to quantify what this is – not yet determined

Availability of Meeting planner

 During Session week – Emergency/normal contact

 Outside of Session week

Response time for Requests -

10. Planning Social Events

Midweek socials

Anniversary celebrations

It was discussed that #9 should be Quality of Experience, not Quality of Service.

4.03	II	Treasurer's report	Chaplin	10	01:55 PM
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Chaplin showed following slides (add treasurer's report)

Treasurer's Report

2013-11-15

2011

2011 Net Change

2011-03 Meeting	\$15,016.52
2011-07 Meeting	(\$49,166.24)
2011-11 Meeting	(\$8,000.00)
2011 Income Other	\$2,755.07
2011 Expenses Other	(\$31,563.06)
2011 Net Change	(\$49,147.28)

2012

2012 Net Worth Change

2012-03 Meeting	(\$80,777.00)
2012-07 Meeting	\$14,520.49
2012-11 Meeting	(\$1,125.50)
2012 Income Other	\$3,692.02
2012 Expenses Other	(\$18,731.03)
Change in Foreign Currency	\$8,771.71
Depreciation	(\$752.00)
2012 Net Worth Change	(\$74,401.31)

2012 End Reserve

2012 End USD General Reserve	\$929,893.51
Petty Cash	\$2,000.00
SGD funds (USD equivalent)	\$176,271.20
Total 2012 End Reserve	\$1,108,164.71

2013 T1 (Jan-Apr)

2013 T1 (Jan-Apr) Overview

Meeting Surplus/Loss	(\$22,180.39)
Other Income	\$811.77
Other Expenses	(\$60.20)

Net Change	(\$21,428.82)
General Reserve	\$908,464.69
Foreign Venue Reserve	\$72,000.00
Petty Cash	\$2,000.00
Singapore Funds	SGD 215,336.82
Geneva Deposit	CHF 15,000.00
Singapore Funds USD	\$174,777.07
As of 2013-04-30	
Geneva Deposit USD	\$16,131.36
As of 2013-04-30	

2013 T1 General Reserve

General Reserve beginning	\$929,893.51
2013 T1 net	(\$21,428.82)
General Reserve end	\$908,464.69

2013 T1 Foreign Reserve

Foreign Reserve beginning	\$0.00
Orlando meeting setaside	\$72,000.00
Foreign Reserve end	\$72,000.00
Geneva Deposit	(\$16,458.00)

2013 T2 (May-Aug)

2013 T2 (May-Aug) Overview

Meeting Surplus/Loss	\$119,571.18
Other Income	\$740.42
Other Expenses	(\$0.00)

Net Change	\$120,311.60
General Reserve	\$909,205.11
Foreign Venue Reserve	\$191,571.18
Petty Cash	\$2,000.00
Singapore Funds	SGD 215,336.82
Beijing Deposit	CNY 1,047,341.28
Singapore Funds USD	\$168,902.22
As of 2013-08-31	
Beijing Deposit USD	\$171,226.52
As of 2013-08-31	

2013 T2 Meeting Geneva Income

Income	Actual				Budget		
	Fee	Net	Net Amt	%	Net	Net Amt	%
Pre-registration	\$ 800		\$ -	0%		\$0	0%
Pre-registration (w ith discount)	\$ 500	459	\$ 229,500	59%	420	\$210,000	54%
Pre-Registration Early Cancellation	\$ (800)		\$ -	0%			0%
Pre-Registration Early Cancellation (w ith discount)	\$ (500)	-3	\$ (1,500)	0%			0%
Pre-Registration Late Cancellation	\$ (700)		\$ -	0%			0%
Pre-Registration Late Cancellation (w ith discount)	\$ (400)	-7	\$ (2,800)	-1%			0%
Pre-Registration No Refund Cancellation	\$ -	-9	\$ -	0%			0%
Web-registration	\$ 900		\$ -	0%		\$0	0%
Web-registration (w ith discount)	\$ 600	199	\$ 119,400	31%	210	\$126,000	32%
Web-registration Early Cancellation	\$ (900)		\$ -	0%			0%
Web-registration Early Cancellation (w ith discount)	\$ (600)	-2	\$ (1,200)	0%			0%
Web-registration Cancellation	\$ (800)		\$ -	0%			0%
Web-registration Cancellation (w ith discount)	\$ (500)	-2	\$ (1,000)	0%			0%
Web-registration No Refund Cancellation	\$ -	-6	\$ -	0%			0%
Onsite-registration	\$ 1,100		\$ -	0%		\$0	0%
Onsite-registration (w ith discount)	\$ 800	58	\$ 46,400	12%	65	\$52,000	13%
Onsite-registration No Refund Cancellation	\$ -	-1	\$ -	0%			0%
Student-registration	\$ 150	7	\$ 1,050	0%	3	\$450	0%
		-1	\$ -	0%			0%
University Outreach	\$ 25	1	\$ 25	0%	2	\$50	0%
Net Registration Income	\$ 554	693	\$ 389,875	100%	700	\$388,500	100%
Net Paid Attendees		693			700		
Non-registration Income							
Deadbeat collections			\$ -	0%			0%
Comps, Commissions & Discounts			\$ -	0%	\$ 700		0%
Other			\$ (100)	0%	\$ -		0%
Total Session Income			\$ 389,775	0%		\$ 389,200	0%

2013 T2 Meeting Geneva Expense

Expenses	Actual		Budget	
	\$	%	\$	%
Audio Visual	\$ 31,134	12%	\$ 26,547	10%
Credit Card Discounts & Fees	\$ 19,558	7%	\$ 22,772	8%
Equipment Expenses	\$ -	0%	\$ -	0%
Get IEEE 802 Contribution (Net paid attendees * \$75.00)	\$ 51,450	19%	\$ 52,500	19%
Infrastructure	\$ -	0%	\$ -	0%
Copier	\$ -	0%	\$ -	0%
Electrical	\$ -	0%	\$ -	0%
Phone	\$ -	0%	\$ -	0%
Reg Counters	\$ -	0%	\$ -	0%
Meeting Administration	\$ 92,522	34%	\$ 86,275	31%
Meeting Manager	\$ -	0%		
Misc Meeting Expenses	\$ 91	0%	\$ 1,850	1%
Audit	\$ -	0%	\$ -	0%
Copying	\$ -	0%	\$ 750	0%
Hotel Grats	\$ -	0%	\$ 1,000	0%
Insurance	\$ -	0%	\$ -	0%
Other: Keys	\$ 91	0%	\$ 100	0%
Supplies	\$ -	0%	\$ -	0%
Networking	\$ 45,488	17%	\$ 44,700	16%
Shipping	\$ 7,673	3%	\$ 9,000	3%
Site Survey	\$ 16,544	6%	\$ 14,900	5%
Staff Rooms	\$ -	0%	\$ 8,850	3%
Social	\$ -	0%	\$ -	0%
Venue	\$ 5,744	2%	\$ 8,641	3%
Food & Beverage	\$ -	0%	\$ -	0%
Lunches	\$ -	0%	\$ -	0%
Total Session Expense	\$ 270,204	100%	\$ 276,034	100%
Foreign Venue Set Aside	\$ -			
Net Session Surplus/(Loss)	\$ 119,571		\$ 113,166	

2013 T2 Other Income

Interest	\$740.42
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2013 T2 Other Expenses

Other	(\$0.00)
Total	(\$0.00)

2013 T2 General Reserve

General Reserve beginning	\$908,464.69
2013 T2 Interest	\$740.42
General Reserve end	\$909,205.11

2013 T2 Foreign Reserve

Foreign Reserve beginning	\$72,000.00
Geneva surplus/loss	\$119,571.18
Foreign Reserve end	\$191,571.18
Beijing Deposit 1	(\$170,695.48)

2013 T3 (Sep-Dec)

2013 T3 (Sep-Dec) Overview Estimate

Meeting Surplus/Loss	(\$42,337.00)
Other Income	\$1,000.00
Other Expenses	(\$2,000.00)

Net Change	(\$43,499.00)
General Reserve	\$865,706.11
Foreign Venue Reserve	\$276,271.18
Petty Cash	\$2,000.00
Singapore Funds	SGD 215,336.82
Beijing Deposit	CNY 2,121,746.77
Singapore Funds USD	\$172,661.74
As of 2013-11-10	
Beijing Deposit USD	\$348,487.18
As of 2013-11-10	

2013 T3 Meeting Dallas

Income Estimate

Income	Estimate				Budget		
	Fee	Net	Net Amt	%	Net	Net Amt	%
Pre-registration	\$ 800	14	\$ 11,200	2%	8	\$6,400	1%
Pre-registration (w ith discount)	\$ 500	506	\$ 253,000	55%	500	\$250,000	58%
Pre-Registration Early Cancellation	\$ (800)	-1	\$ (800)	0%			0%
Pre-Registration Early Cancellation (w ith discount)	\$ (500)	-7	\$ (3,500)	-1%			0%
Pre-Registration Late Cancellation	\$ (700)		\$ -	0%			0%
Pre-Registration Late Cancellation (w ith discount)	\$ (400)	-9	\$ (3,600)	-1%			0%
Pre-Registration No Refund Cancellation	\$ -		\$ -	0%			0%
Web-registration	\$ 900	28	\$ 25,200	6%	12	\$10,800	3%
Web-registration (w ith discount)	\$ 600	227	\$ 136,200	30%	150	\$90,000	21%
Web-registration Early Cancellation	\$ (900)		\$ -	0%			0%
Web-registration Early Cancellation (w ith discount)	\$ (600)	-1	\$ (600)	0%			0%
Web-registration Cancellation	\$ (800)		\$ -	0%			0%
Web-registration Cancellation (w ith discount)	\$ (500)		\$ -	0%			0%
Web-registration No Refund Cancellation	\$ -		\$ -	0%			0%
Onsite-registration	\$1,100	6	\$ 6,600	1%		\$0	0%
Onsite-registration (w ith discount)	\$ 800	39	\$ 31,200	7%	30	\$24,000	6%
Onsite-registration No Refund Cancellation	\$ -		\$ -	0%			0%
Student-registration	\$ 150	11	\$ 1,650	0%		\$0	0%
			\$ -	0%			0%
University Outreach	\$ 25	4	\$ 100	0%		\$0	0%
Net Registration Income	\$ 554	817	\$ 456,650	89%	700	\$381,200	88%
Net Paid Attendees		817			700		
Non-registration Income							
Deadbeat collections			\$ -	0%			0%
Comps, Commissions & Discounts			\$ 56,500	11%		\$ 50,000	12%
Other			\$ -	0%		\$ -	0%
Total Session Income			\$ 513,150	11%		\$ 431,200	12%

2013 T3 Meeting Dallas Expense Estimate

Expenses	Estimate		Budget	
Audio Visual	\$ 25,700	5%	\$ 31,500	7%
Credit Card Discounts & Fees	\$ 23,832	5%	\$ 19,560	5%
Equipment Expenses	\$ -	0%	\$ -	0%
Get IEEE 802 Contribution (Net paid attendees * \$75.00)	\$ 61,275	13%	\$ 52,500	12%
Infrastructure	\$ 350	0%	\$ 750	0%
Copier	\$ 350	0%	\$ 750	0%
Electrical	\$ -	0%	\$ -	0%
Phone	\$ -	0%	\$ -	0%
Reg Counters	\$ -	0%	\$ -	0%
Meeting Administration	\$ 82,500	18%	\$ 72,900	17%
Ethernet Event	\$ 6,000	1%	\$ 8,000	2%
Misc Meeting Expenses	\$ 2,450	1%	\$ 2,050	0%
Audit	\$ -	0%	\$ -	0%
Copying	\$ -	0%	\$ -	0%
Hotel Grats	\$ 1,200	0%	\$ 1,200	0%
Insurance	\$ -	0%	\$ -	0%
Other: Keys	\$ 500	0%	\$ 350	0%
Supplies	\$ 750	0%	\$ 500	0%
Networking	\$ 83,500	18%	\$ 78,300	18%
Shipping	\$ 10,000	2%	\$ 10,650	2%
Site Survey	\$ 8,180	2%	\$ 8,180	2%
Staff Rooms	\$ 7,000	1%	\$ -	0%
Social	\$ 55,000	12%	\$ 65,000	15%
Venue	\$ -	0%	\$ -	0%
Food & Beverage	\$ 105,000	22%	\$ 85,000	20%
Lunches	\$ -	0%	\$ -	0%
Total Session Expense	\$ 470,787	100%	\$ 434,390	100%
Session Income - Session Expense	\$ 42,363		\$ (3,190)	
Foreign Venue Set Aside	\$ 84,700		\$ 73,000	
Net Session Surplus/(Loss)	\$ (42,337)		\$ (76,190)	

2013 T3 Other Income Estimate

Interest	\$1,000.00
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2013 T3 Other Expenses Estimate

DVD	(\$1,000.00)
Other	(\$1,000.00)
Total	(\$2,000.00)

2013 T3 General Reserve Estimate

General Reserve beginning	\$909,205.11
2013 T3 net	(\$43,499.00)
General Reserve end	\$865,706.11
Future Venue Expenses	(\$19,183.85)

2013 T3 Foreign Reserve Estimate

Foreign Reserve beginning	\$191,571.18
Dallas meeting setaside	\$84,700.00
Foreign Reserve end	\$276,271.18
Beijing Deposits	(\$346,168.39)

Other

Deadbeats

Two deadbeats this meeting; both in 802.15.
Both have attended previous sessions.
Both have been notified by email asking to
pay up.
If they do not pay, the WG chair will be
notified.

Chair asked if there were objections to a two tier fee structure for registration. It was agreed that there should be a motion to cover this topic. Late registration fee usually kicks in 1 week prior to a registration meeting. There is a \$300 discount for staying in hotel.

2:29pm

* Motion #11	Move to eliminate the Early registration step in the registration process for Beijing
Moved	Gilb
Second	Chaplin
Results	11-3-0
Motion	Passes
Reference	Agenda Item #4.03

5.00		IEEE Standards Board and Sponsor Ballot Items			02:05 PM
5.01	-	IEEE 802.18	Lynch	0	02:05 PM
5.02		IEEE 802.19		0	02:05 PM
5.021	ME	IEEE 802.19.1 to Sponsor Ballot	Shellhammer	5	02:05 PM

Shellhammer presented following slides.

Time: 2:36pm

November 2013

doc.: IEEE 802.19-13/0142r0

P802.19.1 Draft to Sponsor Ballot

Date: 2013-11-14

Authors:

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Submission

Slide 1

Steve Shellhammer, Qualcomm

Ballot Summary

	WG Ballot	Recirc #1	Recirc #2	Recirc #3
Ballot Closed	11/8/2012	5/11/2013	8/9/2013	10/16/2013
Voting Members	40	40	40	40
Yes	22	23	25	29
No	3	9	7	3
Abstain	5	0	0	0
Return Rate	75%	83%	83%	83%
Approval Rate	88%	73%	78%	91%
Technical Comments	175	62	102	3 (from Yes Voters)
Editorial Comments	22	20	28	11

Ballot Summary

- There were no new comments supporting *No Votes* and no new *No Voters*
- Of the remaining three *No Voters* none voted on the latest recirculation (Recirc #3)
- All comments and resolutions have been circulated at least once
- No changes are being made to the draft that was just recirculated

Outstanding No Voters

No Voter	Number of Remaining Technical Comments
Ivan Reede	1
Jari Junell	29
Mika Kasslin	92

Outstanding Technical Comments from No Voters

122 Total comments from three No Voters

- 96 Must Be Satisfied comments
 - 12 Must Be Satisfied comments Accepted
 - 46 Must Be Satisfied comments Accept in Principle
 - 40 Must Be Satisfied comments Rejected
- Three voters remain unsatisfied, but this is as good as it is going to get
- Summary of 40 Rejected Must Be Satisfied Comments, from the three No Voters, are available at the following link for those who are interested
 - <https://mentor.ieee.org/802.19/dcn/13/19-13-0141-01-0001-rejected-must-be-satisfied-no-comments.xlsx>

Draft Review by Editorial Coordination Staff

- Draft D3.06 sent to Editorial Coordination Staff for MEC review
- MEC Review Completed by Michelle Turner on 10/14/13
 - Details on next slide
 - To be implemented during Sponsor Ballot

MEC Review

SECTION II: Items/issues that shall be resolved before the final recirculation

- The word “ensure” is used in a few places in the body of the document. As per legal advice, we typically try to refrain from using the “ensure: It implies a guarantee. Please consider changing the following sentences as follows:
- 4.3, page 7, line 4
 - However, profiles are designed in such way that required level of interoperability is ensured verified among entities 4 operating according to different profiles. The defined profiles follow the following principles:
- 7.1.3.1, page 171, line 23
 - Before a CM makes coexistence decisions it helps ensure that it has up to date information about available TV channels, coexistence sets and radio environment related to the WSOs to which the decisions apply.
- 7.2.2.9.4.2, page 223, line 27
 - To help ensure fairness for communication opportunity among all the target WSOs, all the values of Δ_k and Δ_{kk} are set to be the same value, Δ , so the value of Δ is calculated as follows:
- E.1.5, page 285, line 23
 - The message shall indicate the number of conflict handling CMs to help ensure that the service CM knows how many ranking messages to expect.

Working Group Motion

- **Request the IEEE 802 Executive Committee to approve forwarding P802.19.1/D3.06 to Sponsor Ballot**
- **Moved: Hyunduk Kang**
- **Seconded: Stanislav Filin**
- **Results:**
 - Yes: 13
 - No: 1
 - Abstain: 0
- **Motion Passed 93% approval rate**

Executive Committee Motion

- **The 802.19 WG requests IEEE 802 Executive Committee approval to submit P802.19.1/D3.06 to Sponsor Ballot**
- **Move: Steve Shellhammer**
- **Second:**

- **Yes:**
- **No:**
- **Abstain:**

Discussion

Concern was raised that a comment response that was agreed to, but was not implemented. Shellhammer was unaware of such an instance, but commenter was not present during Closing meeting to verify.

Contribution Doc 19-13-0139-01 lists all comments with no votes.

Time: 248pm

* Motion #12	The 802.19 WG requests IEEE 802 Executive Committee approval to submit P802.19.1/D3.06 to Sponsor Ballot
Moved	Shellhammer
Second	Lynch
Results	12-2-0
Motion	Passes
Reference	Agenda Item #5.021

5.03	-	IEEE 802.21	Das	0	02:10 PM
5.04		IEEE 802.22		0	02:10 PM
5.041	ME	IEEE 802.22a - Amendment on MIBs and Management Plane to RevCom	Mody	5	02:10 PM

Mody presented following slides (Doc 22-13-0172-00)

November 2013

doc.: IEEE 22-13/0172r0

Motion to Forward P802.22a (Amendment on MIBs and Management Plane Procedures) to RevCom

Submission

Slide 9

Agurva N. Mody, BAE Systems

July 2010 doc.: IEEE 22-13/0172r0
**Motion for an Approval to forward the IEEE P802.22a to the
 IEEE SA RevCom**

Number of People in the Sponsor Ballot Pool = 78

IEEE Sponsor / Re-circ Ballot	Response Ratio	Approval Ratio	Negative Votes	Number of Negative Comments Received	Comment Resolution Status	Draft Status
Sponsor Ballot #1 Open – 8 Sep 2013, Closed – 8 October 2013	80% return, 9% abstention	100%	No negative votes received	0	Five Comments addressed & resolved. Draft passed the MEC approval	P802.22 a/D2.0 prepared
Sponsor Ballot Re-circ #1 Open – 15 October, 2013, Closed 25 October 2013	84% return, 9% abstention	100%	No negative votes received	0	No more comments received	

Submission

Slide 10

Apurva N. Mody, BAE Systems

July 2010 doc.: IEEE 22-13/0172r0
**EC Motion to forward the IEEE P802.22a to the IEEE
 SA RevCom**

IEEE 802 Executive Committee authorizes to forward P802.22a/D2.0 to IEEE SA REVCOM.

Move:

Second: :

For:

Against:

Abstain:

Motion passes / Fails

Submission

Slide 12

Apurva N. Mody, BAE Systems

2:51pm

* Motion #13	IEEE 802 Executive Committee authorizes to forward P802.22a/D2.0 to IEEE SA REVCOM.
Moved	Mody
Second	Kraemer
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.041

5.042	ME	IEEE 802.22 Revision PAR to NesCom	Mody	5	02:15 PM
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2:51pm
Mody presented following slides

November 2013

doc.: IEEE 22-13/0172r0

Motion to Approve the 802.22 Revision PAR

Submission

Slide 13

Agurva N. Mody, BAE Systems

November 2013

doc.: IEEE 22-13/0172r0

Comments Received on the 802.22 Revision PAR

Submission

Slide 14

Agurva N. Mody, BAE Systems

Summary

802.22 General Comments

1. The 802.22 WG submitted the initial revision PAR as contained in document [\[22-13-0138Rev2\]](#) on October 10th 2013
2. A corrected PAR document was sent out on October 11th 2013 [\[22-13-0138Rev3\]](#)
3. 5C [\[22-13-0156Rev0\]](#) document was sent out on Nov 1st as per the instructions from the Chair of the 802 EC
4. We considered the comments from the various working groups and here is the summary of our response.

Summary

802.22 General Comments

- Since 2005, when the 802.22 PAR was first submitted and approved, FCC, NTIA and other regulators have broadened their horizons for cooperative spectrum sharing approaches in order to optimize spectrum utilization. [\[For example see the PCAST Report - Realizing Full Potential of Government Held Spectrum\]](#)
- FCC/ NTIA are in the process of opening new spectrum bands which specifically require multi-levels of regulated users to share the spectrum utilizing cognitive radio behavior. For our purposes, we defined spectrum sharing as a mechanism which ensures that licensed services are protected from interference while retaining flexibility for other devices to share spectrum with new services or to change frequencies
- While these new bands have been specified by the FCC for the United States, they may be different in other countries.
- The intention of this PAR is to align the current 802.22 technology with emerging regulations.

Summary

802.22 General Comments (continued)

- White Space database implementers are looking to leverage their existing TV Band solutions into these new bands where interfaces to the devices are likely to remain the same as defined for the TV Bands
- Wireless device manufacturers are seeking a common protocol to be used across these shared spectrum bands.
- The aim is not to change the 802.22 protocol (PHY and MAC) but to change the spectrum management framework to align 802.22 to be used in these other bands. For example, 802.22 may be used in the proposed Federal radar bands (e. g. 2700 MHz – 3650 MHz) which allow spectrum sharing, since 802.22 already contains the basic cognitive radio capabilities and mechanisms that are needed to enable spectrum sharing

Comments from 802.19

IEEE 802.22 Revision

Since Gerald Chouinard is no longer the vice chair of the working group Section 3.1 of the PAR should be updated with the current vice chair.

ANS: ACCEPT

In the Purpose section it says that a new clause will be added. This sounds a bit like an amendment. Is there a reason a 5C was not provided for this new clause?

ANS: The primary purpose of the revision is to merge the amendments (P802.22a and P802.22b) as well as make the necessary corrections. The new clause is likely to be a recommendation on how 802.22 may be used in other shared spectrum bands which may have rules that are similar to the ones defined in the TV Bands but there may be some additional nuances. So it was interpreted that the 5C may not be required. However, when the 802 EC Chair requested a 5C it was promptly provided on November 1st

Comments from 802.11

2.1 spell out the first use of RAN

ANS: ACCEPT

3.1 Update the WG Vice chair

ANS: ACCEPT

5.2 the scope is not describing what band is truly being used. "any band" is too broad a scope.

ANS:

- Since 2005, when the 802.22 PAR was first submitted and approved, FCC, NTIA and other regulators have broadened their horizons for cooperative spectrum sharing approaches in order to optimize spectrum utilization. [For example see the PCAST Report - [Realizing Full Potential of Government Held Spectrum](#)]
- FCC/NTIA are in the process of opening new spectrum bands which specifically require multi-levels of regulated users with spectrum sharing and cognitive radio behavior.
- While these new bands have been specified by the FCC for the United States, they may be different in other countries.
- The aim is not to change the 802.22 protocol (PHY and MAC) but to change the spectrum management framework to align 802.22 to be used in these other bands. For example, 802.22 may be used in the proposed Federal radar bands (e. g. 2700MHz – 3650MHz) which require spectrum sharing, since 802.22 already contains the basic cognitive radio capabilities and mechanisms that are needed to enable spectrum sharing

Comments from 802.11

5.4 the added sentences of "This Revision project..." is not being added in the right place. This should be part of 5.5 Need for the project. (see slide notes for all the text that should be moved to 5.5.)

Ans: ACCEPT

5.5 the initial part of this section seems to be why the 802.22 was originally started, and that would not necessarily be the reason for the revision, but only the latter part of this section should be used (Why are you doing the revision not why 802.22.)

Ans: ACCEPT

Comments from 802.11

5.2 Is the scope of the revision only to reband the existing 802.22 radio?

ANS: The aim is not to change the 802.22 protocol (PHY and MAC) but to provide a spectrum management framework to align 802.22 to be used in these other bands. For example, 802.22 may be used in the proposed United States Federal radar bands (e. g. 2700 MHz – 3650 MHz) which require spectrum sharing, since 802.22 already contains the basic cognitive radio capabilities and mechanisms that are needed to enable spectrum sharing

5.2 Which bands do you intend to occupy? (this should be stated in the Scope statement) All Unlicensed Spectrum is not a reasonable response. A specific range of bands should be specified.

ANS: That is correct. 802.22 is unlikely to be used in an Unlicensed band such as the ISM bands. However, due its cognitive radio capabilities, 802.22 is highly suitable to bands that require spectrum sharing with other primary users. As specified earlier, such bands may include 2700 MHz – 3650 MHz in the United States where sharing with radar systems may be allowed.

Comments from 802.11

7.1 What about 802.16? If you are expanding the bands and the type of station definition, does this become similar to 802.16?

ANS: Counter to 802.16, the fundamental assumption behind the operation of IEEE 802.22 systems is that spectrum is shared with primary users. Hence the shared spectrum may or may not be available at all times and at all the locations. The radio will have to automatically change its characteristics and behavior to operate in appropriate alternate spectrum as directed by the cognitive sharing mechanism (e. g. database, sensing or beaconing). Hence 802.22 is highly applicable for use in bands that require spectrum sharing such TV Bands or in the newly available radar bands in the United States between 2700 MHz to 3650 MHz.

8.1 No section number with the text, and it seems to be a cut and paste error as it is identical to the purpose statement. Delete.

Ans: ACCEPT

Comments from 802.11

General: Missing updated 5C – see 10.2 and 10.3 of the LMSC OM – This Project is not qualified to be considered at this Session.

ANS: The primary purpose of the revision is to merge the amendments (P802.22a and P802.22b) as well as make the necessary corrections. The new clause is likely to be a recommendation on how 802.22 may be used in other shared spectrum bands which may have rules that are similar to the ones defined in the TV Bands. So it was interpreted that the 5C may not be required. However, when the 802 EC Chair requested a 5C it was promptly provided on November 1st

General: the PAR form presented is not the correct PAR form. An old PAR form should not be used for consideration.

ANS: This PAR form was generated by the IEEE myProject so we are not aware if the form automatically generated by the tool is an old PAR form or a new PAR form.

Comments from 802.16

The IEEE 802.16 Working Group has reviewed the draft P802.22 PAR Revision

<<https://mentor.ieee.org/802.22/dcn/13/22-13-0138-03-0000-802-22-revision-par.pdf>> and offers the following comment.

The Scope, per the draft PAR revision, is:

*This standard specifies the air interface, including the cognitive **radio** medium access control layer (MAC) and physical layer (PHY), of point-to-multipoint and **point-to-point** wireless regional area networks comprised of a professional fixed base station with fixed and portable user terminals operating **in the bands that allow spectrum sharing such as VHF/UHF TV broadcast bands between 54 MHz to 862 MHz.***

Comments from 802.16

We note the proposed addition of the term “point-to-point” to the scope, implying the draft standard will specify an air interface of point-to-point in addition to point-to-multipoint wireless regional area networks. To the extent that a point-to-multipoint system can be considered a point-to-point system when a fixed base station communicates with a single user terminal, this additional “point-to-point” text is superfluous since the capability is already included in the existing 802.22 standard. Alternatively, if the intention of this PAR revision is to broaden the PAR scope (for example, to include an air interface between a pair of base stations or a pair of user terminals), this would be a major change in the scope of the existing standard and would require full justification through a Five Criteria statement. However, the Five Criteria statement circulated on 1 November does not provide details justifying such a broadening of scope. We propose to remove the term “point-to-point” from the PAR revision, since there is currently no restriction on the application of a point-to-multipoint system with only a single user terminal communicating with a fixed base station in the 802.22 standard.

ANS: ACCEPT – Removed the term Point-to-Point from the Scope

Comments from 802.16

We are also concerned about the proposed text “bands that allow spectrum sharing such as” to the modified scope (noting that the word “allow” was not used in the draft PAR revision 02 that was reviewed by many EC members and dramatically alters the meaning of the scope). To our understanding some form of spectrum sharing is allowed in virtually all wireless bands, including licensed bands. Thus, the proposal would expand the scope of the standard from cognitive radio networks to radio networks applicable to any spectrum sharing method in any known band, including bands in which spectrum sharing is allowed but not normally used. Such a significant change of scope would need to be supported by an analysis in an accompanying Five Criteria statement addressing the expansion to all possible spectrum sharing methods. We propose to limit the expansion of the scope to bands requiring cognitive radio solutions.

ANS: Please see the next page

Comments from 802.16

Continued from the earlier page

ANS: The PAR document with the words “allow” was circulated as a correction via e-mail that was sent out on October 11th [22-13-0138Rev2]. However, we are okay with changing the word “that Allow Spectrum Sharing” to “that Allow Spectrum Sharing between Primary Services and Opportunistic Communication Devices”

The fundamental assumption behind the operation of IEEE 802.22 systems is that spectrum is shared with primary users. Hence the shared spectrum may or may not be available at all times and at all the locations. The radio will have to automatically change its characteristics and behavior to operate in appropriate alternate spectrum as directed by the cognitive sharing mechanism (e. g. database, sensing or beaconing). Hence 802.22 is highly applicable for use in bands that allow or require spectrum sharing such as the radar bands between 2700 MHz to 3650 MHz in the United States.

Further Comments Received on the 802.22 Revision PAR

From 802.22

See 22-13/168r0 for comments:

<https://mentor.ieee.org/802.22/dcn/13/22-13-0168-00-0000-802-22-response-to-the-comments-on-the-802-22-revision-par.pptx>

Updated PAR: <https://mentor.ieee.org/802.22/dcn/13/22-13-0138-04-0000-802-22-revision-par.docx>

Updated 5c: <https://mentor.ieee.org/802.22/dcn/13/22-13-0156-01-0000-802-22-revision-par-5c.docx>

802.22 Rebuttal with Responses

The change of adding “such as” made the scope non-definitive.

If the scope clause had left out the “such as” phrase then the scope would be bounded and we could tell what new bands were being added.

Ans: Noted. Thanks for the possible remedies

The Addition of “between primary services and opportunistic communications devices” phrase is also problematic for us.

Ans: Noted. However, this de-lineates 802.22 as a technology that is focused more on cognitive radio based operation.

Option 1: Just do a roll-up and do the additional bands as a separate project (amendment).

Ans: We prefer to go with Option 2

802.22 rebuttal

Scope suggestion

Option 2: Change the Scope statement to be definitive:

This standard specifies the air interface, including the cognitive radio medium access control layer (MAC) and physical layer (PHY), of point-to-multipoint and point-to-point wireless regional area networks comprised of a professional fixed base station with fixed and portable user terminals operating in the bands between 1300 MHz to 1750 MHz and 2700 MHz to 3650 MHz, and the VHF/UHF TV broadcast bands between 54 MHz to 862 MHz.

ANS: Thanks for the remedy. We agree.

802.22 rebuttal

Note from the NesCom Conventions:

PARs for the Revision of a Standard

All PARs for the revision of a standard shall include an indication under "Additional Explanatory Notes" of the PAR form to identify PAR elements (e.g., scope, purpose, need, etc.) that have been modified.

8.1 does not have that included, but rather has a cut and paste from the need...in our original comment, you indicated you would accept removal of the extraneous material, but you still need to add the required information.

ANS: This was overlooked when the response PAR with changes was sent out. We have corrected that.

802.22 Working Group Motion Authorizing the 802.22 Revision PAR Form

Move to approve the contents of the document:22-13-0138Rev4 (802.22 Revision PAR) <https://mentor.ieee.org/802.22/dcn/13/22-13-0138-04-0000-802-22-revision-par.docx> as the contents of the P802.22 Revision PAR, and the contents of the document:22-13-0156Rev1 (802.22 Revision PAR 5C) <https://mentor.ieee.org/802.22/dcn/13/22-13-0156-01-0000-802-22-revision-par-5c.docx> as the contents of the P802.22 Revision PAR 5C, to be forwarded to the IEEE 802 EC. To allow the Chair to make a motion during the Closing EC Meeting seeking approval to submit the PAR form to IEEE SANESCOM. To allow the Chair to make subsequent submission of the PAR form to the IEEE SANESCOM upon its approval from the EC. To allow the Chair to make the necessary changes to the PAR form at his discretion based on the comments from IEEE 802 EC or the IEEE SANESCOM members and submit the revised PAR to the NESCOM.

Move: Chang-woo Pyo

Second: Peter Flynn

For: 11

Against: 0

Abstain: 0

Motion passes.

Submission

Slide 33

Jon Rosdahl, CSR

EC Motion Authorizing the 802.22 Revision PAR Form to be Forwarded to NESCOM

EC Approves the 802.22 Revision PAR Form as contained in Document 22-13-0138 Rev 5

[<https://mentor.ieee.org/802.22/dcn/13/22-13-0138-05-0000-802-22-revision-par.docx>], and allows the PAR Form to be forwarded to the IEEE SA NESCOM

Move:

Second:

For:

Against:

Abstain:

Motion passes/ Fails

Submission

Slide 34

Jon Rosdahl, CSR

References

- 802.22 November Plenary Working Group Motions - <https://mentor.ieee.org/802.22/dcn/13/22-13-0170-01-0000-802-22-wg-motions-at-nov-2013-plenary.docx>
- 802.22 Revision PAR Documents –
 1. PAR Forms: The 802.22 WG submitted the initial revision PAR as contained in document [\[22-13-0138Rev2\]](#) on October 10th 2013
 2. A corrected PAR document was sent out on October 11th 2013 [\[22-13-0138Rev3\]](#)
 3. 5C [\[22-13-0156Rev0\]](#) document was sent out on Nov 1st as per the instructions from the Chair of the 802 EC
 4. Revisions to the PAR Form based on the comments received from 802.11, 802.19 and 802.16 Working Groups [\[22-13-0138Rev4\]](#)
 5. Revisions to the 5C based on the comments received from 802.11 WG [\[22-13-0156Rev1\]](#)
 6. Revisions based on the new re-buttal comments from the 802.11 Working Group [\[22-13-0138Rev5\]](#)

Discussion

Concern expressed over PAR by EC members regarding number of corrections / modifications on the document.

It was requested that the chair ruled this out of order since it was not clear that timing requirements had been met. Chair declined, but Mody agreed to withdraw motion and bring it back for consideration in March.

Time: 2:59pm

* Motion #14	EC Approves the 802.22 Revision PAR Form as contained in Document 22-13-0138 Rev 5 [https://mentor.ieee.org/802.22/dcn/13/22-13-0138-05-0000-802-22-revision-par.docx], and allows the PAR Form to be forwarded to the IEEE SA NESCOM
Moved	Mody
Second	Heile
Results	Withdrawn
Motion	
Reference	Agenda Item #5.042

5.045	ME	IEEE OmniRAN EC Study Group: Recommended Practice, Network Reference Model and Functional Description of IEEE 802 Access Network PAR to NesCom	Riegel	15	02:20 PM
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Time: 3:10pm

Riegel presented the following slides.

omniran-13-0093-01-ecsg

Outcome of OmniRAN EC SG Session at Dallas IEEE 802 Plenary

- Draft PAR proposal (PAR + 5C) submitted to EC on Oct 10th
- 44 comments received until Tue, 5pm CT
- All comments addressed and resolved
 - Most leading to modifications in the text of PAR and 5C
- Revised PAR proposal submitted to EC before Wed, 5pm CT
 - If approved by EC, PAR proposal would go on the NesCom agenda for March 2014
- Presentation to 802.1 to support the idea that 802.1 is running the project
 - 802.1 provided project number
- Discussions in OmniRAN EC SG on how to keep interested people engaged in the project
 - EC SG participants mainly members of the wireless WGs
 - Affiliated with infrastructure vendors, device vendors, operators, technology companies
 - Dallas: 23 participants affiliated with 17 different entities
 - Results to be discussed with 802.1 and in the EC workshop
- Motions:
 - #1: Approve PAR and 5C as provided by
 - <https://mentor.ieee.org/omniran/dcn/13/omniran-13-0088-02-ecsg-proposed-par-and-5c.docx>
 - #2: Extend OmniRAN EC SG until March 2014

2

omniran-13-0093-01-ecsg

For further discussion: Wish-list for TG Operations

- OmniRAN TG* SHOULD meet at interims with the IEEE 802 Wireless WGs
 - OmniRAN TG MAY decide to meet at 802.1 interims when appropriate
- Alignment of meeting schedules
 - Avoid scheduling OmniRAN at plenary meeting slots of other WGs
- Communications to the other WGs
 - Liaison representative for each of the WGs
- Arrangement of agenda for joint meetings
 - Focused feedback on specific issues from other WGs
 - Define precisely the question, which should be discussed and clarified
 - Solicit participation of experts in other WGs
- Attendance credit – TBD
 - Reciprocal credit for F2F meetings
- OmniRAN TG will use mentor as a document repository

* Assuming that project will go into separate TG; name of the TG t.b.d.

3

Continuation of Work

- **Two options:**
 - Extend OmniRAN EC SG until March 2014 to allow the group to further develop the foundation of the project until PAR is approved by NesCom.
 - Less preferred solution would be to establish Study Group in IEEE 802.1 to allow OmniRAN to further develop the foundation of the project until PAR is approved by NesCom.
- **OmniRAN EC SG prefers to get extension until March because of established environment.**

4

omniran-13-0093-01-ecsg

EC SG Motion #1

- The OmniRAN EC SG approves the documents
 - <https://mentor.ieee.org/omniran/dcn/13/omniran-13-0091-02-ecsg-nov-2013-collected-comments-on-draft-par-proposal.xlsx>
 - <https://mentor.ieee.org/omniran/dcn/13/omniran-13-0086-02-ecsg-proposed-par-and-5c.docx>
 as the outcome and the conclusion of the comment resolution on the draft PAR proposal submitted to EC on Oct. 10th subject to editorial clean-up by the chair.

Moved: Paul Congdon, Tallac
 Seconded: Jeffry Handal, LSU

Motion carries by 10y/0n/2a

5

Proposed Motion#1 to the EC:

- Approve PAR and 5C
 - EC approves the PAR proposal and 5C as provided in <https://mentor.ieee.org/omniran/dcn/13/omniran-13-0086-02-ecsg-proposed-par-and-5c.docx>
 - Moved:
 - Seconded:

7

Riegel presented Doc 13-0091-02-ecsg (URL <https://mentor.ieee.org/omniran/dcn/13/omniran-13-0091-02-ecsg-nov-2013-collected-comments-on-draft-par-proposal.xlsx>) for comments on draft PAR Proposal.

Discussion regarding definition of network reference model of access networks.

It was expressed that effort would target providing uniform interface for IEEE 802 to other groups.

* Motion #15	Approve PAR and 5C <ul style="list-style-type: none"> – EC approves the PAR proposal and 5C as provided in https://mentor.ieee.org/omniran/dcn/13/omniran-13-0086-02-ecsg-proposed-par-and-5c.docx
Moved	Jeffree
Second	Kraemer
Results	10-3-1
Motion	Passes
Reference	Agenda Item #5.045

5.05		IEEE 802.1		0	02:35 PM
5.051	ME	IEEE 802.1AB Cor-2 PAR to NesCom	Jeffree	3.1415927	02:35 PM

Time 3:23pm. Jeffree presented the following slides.

MOTION

- 802.1 requests EC approval for forwarding P802.1AB-Cor2 PAR to NesCom.
- Proposed: Parsons
- Second: Gray
- For: 30 Against: 0 Abstain: 1

- EC proposed: Jeffree Second: Thaler
- For____Against____Abstain_____

P802.1AB-Cor-2 PAR modification - supporting material

- Maintenance PAR – circulated this week in accordance with P&P
- No comments received, no changes to the text
- PAR text is at:
 - <http://www.ieee802.org/1/files/public/docs2013/new-p802-1AB-2009-cor-2draft-par-1113.pdf>

* Motion #16	802.1 requests EC approval for forwarding P802.1AB-Cor2 PAR to NesCom.
Moved	Jeffree
Second	Thaler
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.051

5.052	ME	IEEE 802.1Q-REV PAR modification to NesCom	Jeffree	3.1415927	02:38 PM
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Jeffree presented the following slides.

MOTION

- 802.1 requests EC approval for forwarding P802.1Q-rev PAR modification to NesCom.
- Proposed: Parsons
- Second: Gray
- For: 33 Against: 0 Abstain: 0

- EC proposed: Jeffree Second: Thaler
- For ___ Against ___ Abstain ___

P802.1Q-REV PAR modification - supporting material

- Maintenance PAR – circulated prior to this meeting and pre-submitted
- No comments received, no changes to the text
- PAR text is at:
 - <http://www.ieee802.org/1/files/public/docs2013/q-revision-draft-par-modification0913.pdf>

* Motion #17	802.1 requests EC approval for forwarding P802.1Q-rev PAR modification to NesCom.
Moved	Jeffree
Second	Thaler
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.052

5.053	ME	IEEE 802.1AX-REV PAR modification to NesCom	Jeffree	3.1415927	02:41 PM
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Jeffree presented the following slides.

MOTION

- 802.1 Chair requests EC approval for forwarding P802.1AX-rev PAR modification to NesCom, conditional upon successful completion of an email ballot of the WG to support this action.

- EC proposed: Jeffree Second:
- For ___ Against ___ Abstain ___

P802.1AX-REV PAR modification - supporting material

- Maintenance PAR – circulated prior to this meeting and pre-submitted
- One editorial comment received from 802.11, no changes to the text (proposal is for a NesCom member to submit the comment as the PAR is already presubmitted)
- The WG did not vote on this PAR modification due to an oversight; plan is to conduct this vote immediately via email.
- PAR text is at:
- <http://www.ieee802.org/1/files/public/docs2013/ax-rev-draft-par-modification-request-0913.pdf>

* Motion #18	802.1 Chair requests EC approval for forwarding P802.1AX-rev PAR modification to NesCom, conditional upon successful completion of an email ballot of the WG to support this action.
Moved	Jeffree
Second	Thaler
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.053

5.054	ME	IEEE 802 PAR extension request to NesCom	Jeffree	3.1415927	02:44 PM
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Time 3:27. Jeffree presented the following slides.

MOTION

- 802.1 requests EC approval for forwarding P802 PAR extension request to NesCom.
- Proposed: Gilb
- Second: Gray
- For: 23 Against: 0 Abstain: 2

- EC proposed: Jeffree Second: Thaler
- For____Against____Abstain_____

P802-REV PAR modification - supporting material

- Maintenance PAR – circulated prior to this meeting and pre-submitted
- Comments received from 802.11 and 802.16, responses sent before Wednesday 5PM, no changes to the text
- PAR text is at:
 - <http://www.ieee802.org/1/files/public/docs2013/802-rev-par-extension-request-0913-v1.pdf>

802 O&A completion plan

- **Comment resolution on-line and at interim meeting (802.1 is colacated with wireless interim) – 24 Jan 2014**
- **Recirculate Feb 2014**
- **Comment resolution on-line, complete at March 2014 Plenary, conditional approval from EC**
- **Recirculate April 2014**
- **Comment resolution on-line, complete by end of May**
- **Recirculate June 2014**
- **Submit to RevCom July 2014**

Jon Rosdahl, CSR

Discussion regarding the duration of the effort.

* Motion #19	802.1 requests EC approval for forwarding P802 PAR extension request to NesCom.
Moved	Jeffree
Second	Thaler
Results	12-1-0
Motion	Passes
Reference	Agenda Item #5.054

5.055	ME	IEEE 802.1Q-REV to Sponsor ballot (Conditional)	Jeffree	3.1415927	02:47 PM
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Time: 3:34pm. Jeffree presented the following slides 12,11

MOTION

- 802.1 requests EC conditional approval for initiating sponsor ballot on P802.1Q-rev.
- Proposed: Parsons
- Second: Gray
- For: 34 Against: 0 Abstain: 0

- EC proposed: Jeffree Second: Thaler
- For____Against____Abstain_____

P802.1Q-REV: Supporting material

- WG recirc ballot closed in November; results are
- Yes: 32 (100%) No: 0 Abs: 8 (20%)
- Responding: 40 (66.66%)
- Draft will undergo a final recirculation in December timeframe
- Balloting pool will be formed once the PAR modification is approved
- SB initiation Jan/Feb 2014

* Motion #20	802.1 requests EC conditional approval for initiating sponsor ballot on P802.1Q-rev.
Moved	Jeffree
Second	Thaler
Results	12-0-0
Motion	Passes
Reference	Agenda Item #5.055

Time 3:38pm. Jeffree presented the following slides.

MOTION

- 802.1 requests EC approval to submit P802.1Xbx D1.2 to Sponsor Ballot.
- Proposed: Seaman Second: Randall
- For__23__Against_0__Abstain__11__

- EC proposed: Jeffree Second: Thaler
- For____Against____Abstain_____

P802.1Xbx: Supporting material

- WG recirc ballot closed in November; results are:
- 60 voters, 37 responding (62% response), 10 approve (100%), 0 disapprove (no outstanding comments), 27 abstentions.

* Motion #21	802.1 requests EC approval to submit P802.1Xbx D1.2 to Sponsor Ballot.
Moved	Jeffree
Second	Thaler
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.056

5.057	ME	IEEE 802.1Qbp to RevCom	Jeffree	3.1415927	02:53 PM
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Time 3:39pm. Jeffree presented following slides.

Motion

- 802.1 requests EC approval to forward 802.1Qbp to REVCOM.
- Proposed: Haddock
- Second: Mack-Crane
- For 25 Against 0 Abstain 8
- EC proposed: Jeffree Second: Thaler
- For Against Abstain

802.1Qbp D1.7 Sponsor Ballot Results

Ballot closed 03 Oct 2013

RESPONSE RATE

- This ballot has met the 75% returned ballot requirement.
- 63 eligible people in this ballot group.
 - 54 affirmative votes
 - 1 negative vote with comments
 - 0 negative votes without comments
 - 2 abstention votes: (Lack of expertise: 1, Lack of time: 1)
- 57 votes received = 90% returned, 3% abstention

APPROVAL RATE

- The 75% affirmation requirement is being met.
- 54 affirmative votes
- 1 negative vote with comments (carried forward from previous ballot)
- 55 votes = 98% affirmative

CI 20 SC 20.1 P81 L 0 # 2 Wei, Yuehua (Comment and response from previous ballot)

Comment Type TR

In current draft timing mechanism is used to detect failure of particular ECMP path, in detail, when ECMP path failure is detected at the local MEP, the RDI flag is set for the next transmitted CCM, and after the remote MEP receive the CCM with RDI flag set, the remote MEP deduce the failed ECMP path by the time when CCM(with RDI) is received, the latency of CCM(with RDI), and the transmission period at the local MEP. IMO using the timing mechanism to detect failure of particular ECMP path is vulnerable, in some cases(e.g. the transmission period at the local MEP is much longer than that at the remote MEP, or the unidirectional path by the CCM with RDI flag set happens to be in failure too) the remote MEP can't deduce the failed ECMP path correctly, because firstly the CCM transmission in one direction is independent from the CCM transmission in reverse direction, and secondly the transmission periods for the two directions may be different

SuggestedRemedy

To specify a new mechanism to detect ECMP path failure. The proposed one includes below three points:

- 1) Append the CCM with Flow Hash TLV (or flow-id TLV with the pre-defined mapping between flow-id and Flow Hash);
- 2) When ECMP path failure is detected at the local MEP, the RDI flag is set for the next transmitted CCM, and at the same time the local MEP will generate a CCM error SNMP notification with MEP-ID of the remote MEP, the last received Flow Hash (or flow-id) and sequence number before the failure is detected;
- 3) When CCM is received again at the local MEP, the RDI flag is cleared for the next transmitted CCM, and at the same time the local MEP will generate a CCM resume SNMP notification with MEP-ID of the remote MEP, the first received Flow Hash (or flow-id) and sequence number after the failure is detected.

Of course other mechanism than the above one may be adopted by the editor, as long as the requirement can be met.

Response

ACCEPT IN PRINCIPLE.

The CCM transmission period is set for the MA and is therefore the same for all MEPs in the MA (or else the errorCCMreceived defect is asserted). CCM is used to detect defects; however, it is not required that CCM (or the MEP) isolate the fault. The currently specified mechanism will detect path defects. (See also comment 15.) To clarify that CCM is not responsible for isolating faults, delete the last two sentences in the paragraph at line 34.

CI 20 SC 20.2 P81 L 0 # 3 Wei, Yuehua (Comment and response from previous ballot)

Comment Type TR

As I have proposed for several times, in order to meet the requirement of the operator to freely select the return path for LBR, a Reverse Flow Hash TLV should be defined for LBM. This comment has ever been accepted in principle in 802-1bp-d1-0-dis after the discussion around the presentation (there was a immediate vote and majority supported), and needed changes were recorded in D1-1 draft as below:

<<Editor's Introduction to draft 1.1: This is the draft for the fifth Task Group ballot. This draft: 3) includes editor's notes where material is needed for LBM/LBR Reverse Flow Hash.>>

Support at that time was also recorded in Annex Z.1.2 as below:

Discussion at the San Diego meeting indicated support for adding a reverse flow hash to the LBM for use in the LBR F-TAG. There was also support for including text indicating the limits to the information that can be reliably obtained by using a reverse flow hash in this way.

But in D1-2 draft all text related to Reverse Flow Hash was removed, and reason was recorded in Annex Z.1.2 as below:

Further discussion in the Santa Cruz meeting led to the conclusion that there is no known application for a reverse flow hash since down MPs responding to LBMs on the receiving port will transmit the LBR on that port regardless of the flow hash value and up MPs will send the LBR via the relay and cannot guarantee that the LBM will be transmitted on a particular port (since this depends on the state of the Relay Entity).

I thought the above concern is unreasonable and raised new comment on D1-2 to explain my thoughts, and the comment was rejected with below feedback:

i. 802-1bp-d1-2-dis REJECT. The discussion at the Santa Cruz meeting failed to identify an application for this feature. The loopback message only tests reachability with ECMP VIDs, it does not guarantee any particular path is followed.

I'm unsatisfied with the feedback because I've presented the application of Reverse Flow Hash TLV in the San Diego meeting, and I disagree with the statement that the loopback message does not guarantee any particular path is followed, I believe it does guarantee. I raised a new comment on D1-5 to explain the application again, and the comment was rejected with below feedback:

ii. 802-1bp-d1-5-dis-v3 REJECT. If there is no reverse path and the LBR is not received this indicates there is a problem. This is an expected result (fault detection or verification) and not a failure of LBR. Also note that D1.1 does not contain the changes required to specify a reverse flow hash. This has been proposed in the past and has not received sufficient support. It is a restatement of a comment submitted on the first WG ballot.

I'm unsatisfied with the feedback because it misinterpret my comment. My proposal is based on the assumption that there are multiple selectable return paths and some of them may be in failure, and this proposal provides the operator flexibility to select return path of LBR and avoid the failed return path (the operator can know the failed return path by running CFM CC function), and this proposal doesn't resolve the problem that there is no reverse path.

SuggestedRemedy

In page 96 sub-clause 20.28.2, item d) may be changed to:

d) In the case of ECMP with flow filtering, the flow_hash parameter is set to the value carried in the Reverse Flow Hash field contained in the Reverse Flow Hash TLV of the received LBM, otherwise set to zero if there is no Reverse Flow Hash TLV in the received LBM, and the time_to_live parameter is set to 63.

Some other changes are needed and have been recorded in D1-1 of this draft standard. Also note that all needed changes are minor and feasible.

Response

REJECT.

The belief that a reverse flow hash will guarantee that an LBR will follow a particular path is flawed in that the path followed at each hop is determined by the flow hash (along with the destination address and system ID) and the current state of the Relay Entity; however, the current state of the Relay Entity may differ from the state assumed when choosing the flow hash and therefore the LBR may take another path. Furthermore there is no information in the received LBR that indicates which path it took.

There is no requirement that CFM frames are delivered in spite of faults in the network. That is, failure to receive an LBR due to a fault in the network does not imply that Loopback behavior must to be enhanced to enable LBR to take alternate paths.

The proposed remedy has been discussed several times by the WG (as noted in the comment) and has not received sufficient support to be included in the amendment.

* Motion #22	802.1 requests EC approval to forward 802.1Qbp to REVCOM.
Moved	Jeffrey
Second	Thaler
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.057

Break 3:41pm

Reconvened at 3:49pm

5.06		IEEE 802.3		0	02:56 PM
5.061	ME	IEEE 802.3bj 100 Gb/s Backplane and Copper Cable to Sponsor Ballot	Law	5	02:56 PM

Law presented the following slides.



ME: IEEE P802.3bj
100 Gb/s Backplane and Copper
Cable forward to Sponsor ballot

IEEE P802.3bj 100 Gb/s Backplane and Copper Cable Working Group ballot results

- 3rd Working Group recirculation ballot – draft D2.3
 - Ballot opened 11th October, closed 25th October 2013
 - 100% approval, no comments received

Comments received: 0

	Initial Draft D2.0			1 st Recirculation Draft D2.2			2 nd Recirculation Draft D2.2			3 rd Recirculation Draft D2.3			Req %
	#	%	Status	#	%	Status	#	%	Status	#	%	Status	
Abstain	32	24	PASS	29	21	PASS	28	20	PASS	28	20	PASS	< 30
Disapprove with comment	19	-	-	15	-	-	10	-	-	0	-	-	-
Disapprove w/o comment	0	-	-	0	-	-	0	-	-	0	-	-	-
Approve	82	81	PASS	91	86	PASS	100	91	PASS	113	100	PASS	≥ 75
Ballots returned	133	54	PASS	135	55	PASS	138	56	PASS	141	58	PASS	≥ 50
Voters	245	-	-	245	-	-	245	-	-	245	-	-	-

IEEE P802.3bj 100 Gb/s Backplane and Copper Cable forward to Sponsor ballot

Motion

The IEEE 802 Executive Committee grants approval to submit IEEE P802.3bj 100 Gb/s Backplane and Copper Cable to Sponsor ballot

M: Law, S: D'Ambrosia

Y: ??, N: ??, A: ??

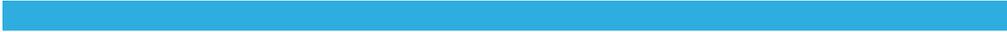
Working Group vote:

Y: 102, N: 0, A: 2

* Motion #23	The IEEE 802 Executive Committee grants approval to submit IEEE P802.3bj 100 Gb/s Backplane and Copper Cable to Sponsor ballot
Moved	Law
Second	D'Ambrosia
Results	12-0-0
Motion	Passes
Reference	Agenda Item #5.061

5.062	ME	IEEE 802.3br Interspersing Express Traffic PAR to NesCom	Law	5	03:01 PM
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Time 3:50pm. Law presented the following slides.



ME: New PAR: IEEE P802.3br Interspersing Express Traffic

Version 1.1

IEEE 802.3 Closing EC Items – November 2013 Plenary

Page 6



IEEE P802.3br PAR and Five Criteria

Title

Standard for Ethernet Amendment Specification and Management Parameters for Interspersing Express Traffic

Scope of project

The scope of this project is to specify additions to and appropriate modifications of IEEE Std 802.3 to add support for interspersing express traffic over a single physical link.

Version 1.1

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IEEE P802.3br PAR and Five Criteria

Need

- * Adoption of Ethernet into new market areas such as automotive, industrial automation, transportation (aircraft, railway and heavy trucks) has generated a need to converge low latency and best effort traffic streams.
- * Currently this functionality requires multiple networks with parallel links.
- * IEEE Std 802.3 currently does not have support for interspersed express traffic.
- * This project will allow the needs of IEEE P802.1Qbu to be met with a single physical link between bridges

Draft PAR

http://www.ieee802.org/3/DMLT/PAR_5C_Objectives/8023-DMLT-SG-1311-Winkel-PAR-2013-11-13r3.4.pdf

Draft 5C

http://www.ieee802.org/3/DMLT/PAR_5C_Objectives/8023-DMLT-SG-1311-Winkel-5C-v2.3.pdf

IEEE P802.3br PAR and Five Criteria

Motion

The IEEE 802 Executive Committee approves the IEEE P802.3br Five Criteria and forwards the IEEE P802.3br PAR to NesCom

M: Law S: D'Ambrosia
Y: ??, N: ??, A: ??

Working Group votes on approval of individual items:

Project Authorization Request:	Y: 59,	N: 3,	A: 18
Broad Market Potential criterion:	Y: 57,	N: 4,	A: 23
Compatibility criterion:	Y: 57,	N: 4,	A: 19
Distinct Identity criterion:	Y: 64,	N: 0,	A: 15
Technical Feasibility criterion:	Y: 59,	N: 0,	A: 20
Economic Feasibility criterion:	Y: 61,	N: 0,	A: 20

* Motion #24	The IEEE 802 Executive Committee approves the IEEE P802.3br Five Criteria and forwards the IEEE P802.3br PAR to NesCom
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	Agenda Item #5.062

5.063	ME	IEEE 802.3bt DTE Power via MDI over 4 Pair PAR to NesCom	Law	5	03:06 PM
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Time 3:52pm. Law presented the following slides.



ME: New PAR: IEEE P802.3bt DTE Power via MDI over 4-Pair

Version 1.1

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IEEE P802.3bt PAR and Five Criteria

Title

Standard for Ethernet Amendment: Physical Layer and Management Parameters for DTE Power via MDI over 4-Pair

Scope of project

The scope of this project is to augment the capabilities of the IEEE Std 802.3 standard with 4-pair power and associated power management information. The project will augment the methodology for the provision of power via balanced cabling to connected Data Terminal Equipment with 802.3 interfaces. Optional augmented power limit will be made available for certain structured cabling systems. Compatibility with existing equipment will be maintained.

Version 1.1

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IEEE P802.3bt PAR and Five Criteria

Need

Since the publication of IEEE Std 802.3at-2009, significant market demand has emerged for more efficient power delivery and for applications with power levels greater than those defined in the standard. Example applications include thin clients, multi-radio wireless access points, pan / tilt / zoom cameras, digital signage, building automation, industrial sensors / actuators etc.

Draft PAR

<http://www.ieee802.org/3/4PPOE/P802.3bt.pdf>

Draft 5C

<http://www.ieee802.org/3/4PPOE/5Criteria.pdf>

IEEE P802.3bt PAR and Five Criteria

Motion

The IEEE 802 Executive Committee approves the IEEE P802.3bt Five Criteria and forwards the IEEE P802.3bt PAR to NesCom

M: Law S: D'Ambrosia

Y: ??, N: ??, A: ??

Working Group votes on approval of individual items:

Project Authorization Request:	Y: 75,	N: 0,	A: 3
Broad Market Potential criterion:	Y: 76,	N: 0,	A: 2
Compatibility criterion:	Y: 76,	N: 0,	A: 2
Distinct Identity criterion:	Y: 71,	N: 0,	A: 2
Technical Feasibility criterion:	Y: 75,	N: 0,	A: 2
Economic Feasibility criterion:	Y: 76,	N: 0,	A: 2

* Motion #25	The IEEE 802 Executive Committee approves the IEEE P802.3bt Five Criteria and forwards the IEEE P802.3bt PAR to NesCom
Moved	Law
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.063

5.064	ME	IEEE 802.3bu 1-Pair Power over Data Lines PAR to NesCom	Law	5	03:11 PM
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Time 3:54pm. Law presented the following slides.



ME: New PAR: IEEE P802.3bu 1-Pair Power over Data Lines (PoDL)

Version 1.1

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IEEE P802.3bu PAR and Five Criteria

Title

Standard for Ethernet Amendment: Physical Layer and
Management Parameters for 1-Pair Power over Data Lines

Scope of project

Define methodology for the provision of power via a single twisted
pair to connected Data Terminal Equipment (DTE) with IEEE 802.3
interfaces

Version 1.1

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IEEE P802.3bu PAR and Five Criteria

Need

Single twisted pair Ethernet links are in development (e.g. IEEE P802.3bp) and some applications (e.g., automotive sensors, industrial devices) require power delivery over the link. A new standard is required to provide power over single twisted pair links where IEEE Std 802.3 Clause 33 Data Terminal Equipment (DTE) Power via Media Dependent Interface (MDI) cannot be used.

Draft PAR

http://www.ieee802.org/3/1PPODL/Draft_P802_3bu_PAR_Detail.pdf

Draft 5C

http://www.ieee802.org/3/1PPODL/Draft_5C_PoDL.pdf

IEEE P802.3bu PAR and Five Criteria

Motion

The IEEE 802 Executive Committee approves the IEEE P802.3bu Five Criteria and forwards the IEEE P802.3bu PAR to NesCom

M: Law S: D'Ambrosia

Y: ??, N: ??, A: ??

Working Group votes on approval of individual items:

Project Authorization Request:	Y: 73,	N: 0,	A: 1
Broad Market Potential criterion:	Y: 68,	N: 0,	A: 0
Compatibility criterion:	Y: 69,	N: 0,	A: 0
Distinct Identity criterion:	Y: 72,	N: 0,	A: 0
Technical Feasibility criterion:	Y: 72,	N: 0,	A: 0
Economic Feasibility criterion:	Y: 75,	N: 0,	A: 1

* Motion #26	The IEEE 802 Executive Committee approves the IEEE P802.3bu Five Criteria and forwards the IEEE P802.3bu PAR to NesCom
Moved	Law
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.064

5.065	ME	IEEE 802.3 Next Generation Ethernet Passive Optical Network (NG-EPON) ICAID to ICCOM	Law	5	03:16 PM
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Time 3:57pm. Law presented following slides.

ME: IEEE 802.3 Next Generation Ethernet Passive Optical Network (NG-EPON) Industry Connections Activity Initiation Document (ICAID)

Version 1.1 IEEE 802.3 Closing EC Items – November 2013 Plenary Page 18

IEEE 802.3 Next Generation Ethernet Passive Optical Network (NG-EPON) ICAID

Motion

The IEEE 802 Executive Committee endorses the IEEE 802.3 Next Generation Ethernet Passive Optical Network (NG-EPON) ICAID found in NGEPON_icaid_form_v1_94.pdf

M: Law S: D'Ambrosia
Y: ??, N: ??, A: ??

Working Group vote:

Y: 64, N: 0, A: 1

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Discussion regarding Industry Connections Process

* Motion #27	The IEEE 802 Executive Committee endorses the IEEE 802.3 Next Generation Ethernet Passive Optical Network (NG-EPON) ICAID found in NGEPON_icaid_form_v1_94.pdf
Moved	Law
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.065

5.07		IEEE 802.11		0	03:21 PM
5.071	ME	IEEE 802.11ac to RevCom	Kraemer	5	03:21 PM

Time 4:02. Kraemer showed the following slides.

July 2013

doc.: IEEE 802.11-13/1468r0

(5.07.1) P802.11ac to RevCom

Request unconditional approval to submit P802.11ac to RevCom

- **Moved: Bruce Kraemer**
- **Seconded: Jon Rosdahl**

- **In the WG Vote: 111,0,0 – passes**
- **Summary follows**

- **Complete status report is in 11-13/1400r1**
- <https://mentor.ieee.org/802.11/dcn/13/11-13-1400-01-00ac-p802-11ac-report-to-ec-on-approval-to-forward-draft-to-revcom.pptx>

Submission

Slide 4

Rich Kennedy; BlackBerry

November 2013

doc.: IEEE 802.11-13/1468r0

Sponsor Ballot Results – P802.11ac

Ballot Close Date	Title	Pool	Return	% Return	Abstain	% Abstain	Approve	Disapprove	% Approve
May 5, 2013	Initial Sponsor Ballot for TGac draft 5.0	211	177	83	11	6	155	11	93
Aug 3, 2013	First Recirculation Sponsor Ballot for TGac draft 6.0	211	183	88	10	5	167	6	98
	SB 1 Post Ballot vote change	211	183	86	10	5	168	5	97
Oct 4, 2013	Second Recirculation Sponsor Ballot for TGac draft 7.0	211	185	87	10	5	174	1	99
Oct 23, 2013	Third Recirculation Sponsor Ballot for TGac draft 7.0 (unchanged)	211	188	89	11	5	176	1	99
	SB 3 Post Ballot vote change	211	188	89	11	5	177	0	100

Submission

Slide 5

Osama About-Magd (Huawei Technologies)

Sponsor Ballot Comments – P802.11ac

Ballot Close Date	Title	Total Number of Comments received (Yes and No votes)
May 5, 2013	Initial Sponsor Ballot for TGac draft 5.0	364 (163T , 3 G, 198 E)
Aug 3, 2013	First Recirculation Sponsor Ballot for TGac draft 6.0	45 (35 T, 0 G, 10 E)
Oct 4, 2013	Second Recirculation Sponsor Ballot for TGac draft 7.0	4 (3T, 0G, 1E)
Oct 23, 2013	Third Recirculation Sponsor ballot for TGac draft 7.0 (unchanged)	1 (0T, 0G, 1E)

Submission

Slide 6

Osama About-Magd (Huawei Technologies)

* Motion #28	Request unconditional approval to submit P802.11ac to RevCom
Moved	Kraemer
Second	Rosdahl
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.071

Time 4:03pm. Kraemer presented the following slides.

July 2013

doc.: IEEE 802.11-13/1468r0

(5.07.2) P802.11af to RevCom

Request unconditional approval to submit P802.11af to RevCom

- Moved: Bruce Kraemer
- Seconded: Jon Rosdahl

- In the WG Vote: 105,0,0 – passes
- Summary follows

- Complete status report is in 11-13/1239r0

<https://mentor.ieee.org/802.11/dcn/13/11-13-1239-00-00af-p802-11af-report-to-ec-on-conditional-approval-to-forward-draft-to-revcom.pptx>

Submission

Slide 7

Rich Kennedy, BlackBerry

October 2013

doc.: IEEE 802.11-13/1468r0

Sponsor Ballot Results – P802.11af

Ballot Close Date	Title	Pool	Return	% Return	Abstain	% Abstain	Approve	Disapprove	% Approve
Sep 11, 2013	Initial Sponsor Ballot for TGaf draft 5.0	183	148	86	10	6	143	5	97
Oct 19, 2013	Recirculation Sponsor Ballot	183	162	89	10	6	150	2	99
Oct 30, 2013	Recirculation Sponsor Ballot	183	169	92	10	6	157	2	99

Submission

Slide 8

Rich Kennedy (self)

802.11 WG Sponsor Ballot Comments – P802.11af

Ballot Close Date	Title	Total Number of Comments received (Yes and No votes)
Sep 11, 2013	Initial Sponsor Ballot for TGaf draft 5.0	143 (10 G, 65 E, 68T)
Oct 19, 2013	First Recirculation Sponsor Ballot	16 (2 G, 7 E, 7 T)
Oct 30, 2013	Second Recirculation Sponsor Ballot	0

Submission

Slide 9

Rich Kennedy (self)

Unsatisfied Technical comments by commenter

Voter	Initial Sponsor Ballot	1st Recirc	2 nd Recirc	Total
Iwaoka Mitsuru	16	0	0	16
Einholf, Charles	5	3*	0	8
Total	21	3*	0	24

*Assumed unsatisfied, no response to emails to commenter

Submission

Slide 10

Rich Kennedy (self)

802.11af Unsatisfied comments

- **The composite of all unsatisfied comments and the resolutions approved by the comment resolution committee received during working group ballot may be found in the embedded document on the right:**
 - Double click on the icon to the right to open this.



* Motion #29	Request unconditional approval to submit P802.11af to RevCom
Moved	Kraemer
Second	Rosdahl
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.072

5.08		IEEE 802.15		0	03:31 PM
5.081	ME	IEEE 802.15.4m (TVWS PHY amendment) to RevCom -conditional	Heile	5	03:31 PM

Time 4:05pm. Heile presented the following slides.

November 2013

doc.: IEEE 802.15-13-0718-01-0000

802.15.4m Conditional Approval to Forward to RevCom

Submission

Slide 2

Bob Heile, ZigBee Alliance

November 2013

doc.: IEEE 802.15-13-0718-01-0000

802.15.4m Ballot History

- Sponsor Ballot (P802.15.4m-D03) closed 7th September 2013
- Vote results (pool of 133 voters)
 - 115 responses (86% response ratio)
 - 103 yes, 6 no (94% approval ratio)
 - 6 abstain (5% abstain ratio)
 - Ballot passes
- 388 comments from 23 commenters
 - 33 marked as “Must be Satisfied”

Submission

Slide 3

Bob Heile, ZigBee Alliance

802.15.4m Ballot History

- Sponsor Ballot Recirculation 1 (P802.15.4m-D04) closed 24 October 2013
- Cumulative vote results (pool of 133 voters)
 - 119 responses (89% response ratio)
 - 108 yes, 4 no (96% approval ratio)
 - 7 abstain (5% abstain ratio)
- 166 comments from 7 commenters
 - 27 marked as “Must be Satisfied”

Note: Resulting from comment resolution on D04 and proposed draft changes in D05, all 4 “No” voters have changed their votes to “Yes” leaving 0 “No” voters

Comment resolution database worksheet:

- <https://mentor.ieee.org/802.15/dcn/13/15-13-0821-09-004m-tg4m-sponsor-ballot-recirc-1-comments.xls>

Schedule for upcoming recirculation ballot(s) and resolution meeting(s)

- Recirculation 2 of D05 scheduled to start Dec 2, 2013
- If needed Recirculation 3 is scheduled for January 3, 2014

EC motion for 802.15.4m

802.15 requests conditional approval from the EC to submit the P802.15.4m draft amendment to RevCom.

WG vote (40,0,0)

– Moved: Heile, Seconded: Gilb

* Motion #30	802.15 requests conditional approval from the EC to submit the P802.15.4m draft amendment to RevCom.
Moved	Heile
Second	Gilb
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.081

5.082	ME	IEEE 802.15.4p (Rail Communications & Control PHY amendment) to RevCom - conditional	Heile	5	03:36 PM
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Time 4:07pm. Heile showed the following slides.

November 2013

doc.: IEEE 802.15-13-0718-01-0000

802.15.4p Conditional Approval to Forward to RevCom

Submission

Slide 7

Bob Heile, ZigBee Alliance

November 2013

doc.: IEEE 802.15-13-0718-01-0000

Sponsor Ballot Results

- Sponsor ballot open / close:
 - 7 August / 6 September
- 81 eligible people in the voter pool
- 72 returned ballots 88% – meets 75% requirement
- 65 YES, 3 NO w/comments, 4 ABSTAIN
- 364 comments total including 135 “must be satisfied” from the 3 NO voters

Submission

Slide 8

Bob Heile, ZigBee Alliance

Sponsor Recirculation Ballot #1 Results

- **Ballot open / close:**
 - 23 October / 4 November
- **2 of 3 NOs converted to YES, no new NO, no new ABSTAIN**
- **1 comment total, no “must be satisfied”s**
- **Single comment was accepted in Dallas and new recirculation started**
 - Comment Resolution document is 15-13-0506-09-004p available on Mentor

Recirculation Schedule

- **Recirc #2**
 - Opened / Will Close: 13 Nov / 23 Nov
 - Remaining NO vote immediately converted to YES
 - Now 100% approval
 - Expect no new issues to arise before the close of this recirculation
- **Recirc #3 (final, only if needed)**
 - Open / Close: ~ 24 Nov / 4 Dec

EC motion for 802.15.4p to RevCom

802.15 requests conditional approval from the EC to submit the P802.15.4p draft amendment to RevCom.

WG vote (37,0,0)

– Moved: Heile, Seconded: Gilb

– Yes: , No:, Abstain:

* Motion #31	802.15 requests conditional approval from the EC to submit the P802.15.4p draft amendment to RevCom
Moved	Heile
Second	Gilb
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.082

5.09	-	IEEE 802.16	Marks	0	03:41 PM
		Break		10	03:41 PM
6.00		Executive Committee Study Groups, Working Groups, TAGs		0	03:51 PM
6.02	-	IEEE 802.18	Lynch	0	03:51 PM
6.03	-	IEEE 802.19	Shellhammer	0	03:51 PM
6.04	-	IEEE 802.21	Das	0	03:51 PM

6.05		IEEE 802.22		0	03:51 PM
6.051	MI	Spectrum Occupancy Sensing (SOS) Study Group Formation	Mody	5	03:51 PM

Time: 4:08pm. Mody presented the following slides.

November 2013

doc.: IEEE 22-13/0172r0

Formation of the Spectrum Occupancy Sensing (SOS) Study Group under the 802.22 WG

Submission

Slide 2

Apurva N. Mody, BAE Systems

November 2013

doc.: IEEE 22-13/0172r0

Summary and Motivation

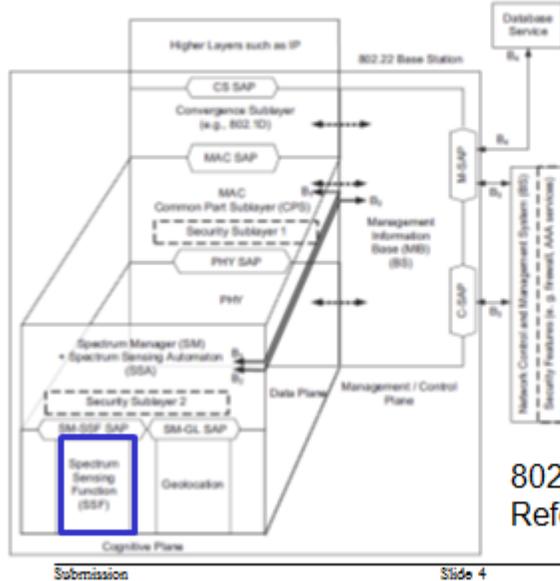
- Administrations all over the world are looking to improve the utilization of the spectrum. White Space Database access is one of the techniques to enable spectrum sharing and the use of unused frequency bands also known as the White Spaces.
- However, in many administrations, locations and characteristics of the radiators are not well documented. Individual and collaborative spectrum sensing is one of the tools to complement the information contained in databases to create an accurate spectrum occupancy survey.
- Such a Spectrum Occupancy Sensing (SOS) system will combine information from multiple sensors along with local terrain information to predict the spectrum occupancy patterns.
- This could lead to more efficient use of spectrum especially in places where the information about the primary users is difficult to find.
- The SOS Study Group will explore on-going research, challenges and aspects that require standardization.

Submission

Slide 3

Apurva N. Mody, BAE Systems

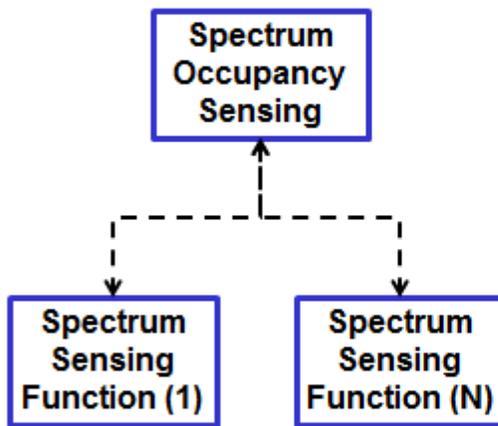
Relevance to the IEEE 802.22 WG



- 802.22 supports **sensing**, beaconing and database access to enable cognitive sharing
- 802.22 has defined the MAC messaging formats to transfer sensing information from Customer Premises Equipment (CPEs) to the Base Station

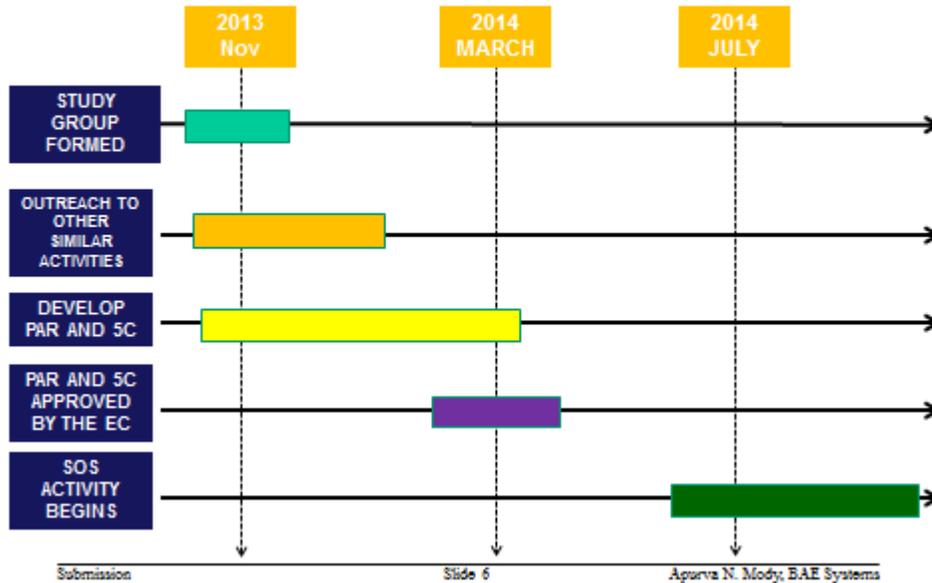
802.22 Protocol Reference Model

Spectrum Occupancy Sensing (SOS) System



- SOS will bring the Spectrum Sensing Functions (SSF) and sensing related messaging formats out of the current 802.22 spec to create a stand-alone system of external sensors dedicated to creating a Spectrum Occupancy Survey.

Timelines of the Study Group



802.22 Working Group Motion for the Approval of the SOS Study Group

Move to approve the launch of the Spectrum Occupancy Sensing (SOS) Standardization Study Group under the IEEE 802.22 working group

Move: Peter Flynn

Second: Jerry Kalke

For: 11

Against: 0

Abstain: 0

Motion passes

EC Motion for the Approval of the SOS Study Group

IEEE 802 EC approves the launch of the Spectrum
Occupancy Sensing (SOS) Standardization Study
Group under the IEEE 802.22 working group

Move:

Second:

For:

Against:

Abstain:

Motion Passes / Fails

Discussion of the project and applicability to other wireless efforts. It was recommended that the Study Group should look at making this applicable to other 802 wireless groups.

* Motion #32	IEEE 802 EC approves the launch of the Spectrum Occupancy Sensing (SOS) Standardization Study Group under the IEEE 802.22 working group
Moved	Mody
Second	Kraemer
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.051

6.06	-	IEEE 802.24	Gilb	0	03:56 PM
6.07	MI	IEEE OmniRAN EC Study Group - EC Study Group 2nd Extension	Riegel	5	03:56 PM

Time:4:15. Riegel presented the following slide.

omniran-13-0093-01-ecsg

Proposed Motion#1 to the EC:

- Extend OmniRAN ECSG until March 2014
 - EC approves the extension of the OmniRAN EC SG until March 2014 to allow the group to further develop the foundation of the project until PAR is approved by NesCom.
 - Moved:
 - Seconded:

8

* Motion #33	<ul style="list-style-type: none"> • Extend OmniRAN ECSG until March 2014 <ul style="list-style-type: none"> – EC approves the extension of the OmniRAN EC SG until March 2014 to allow the group to further develop the foundation of the project until PAR is approved by NesCom.
Moved	Thaler
Second	Heile
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.07

6.08	-	IEEE 802.1	Jeffrey	0	04:01 PM
6.09		IEEE 802.3		0	04:01 PM
6.091	MI	IEEE P802.3bm 40 Gb/s and 100 Gb/s Fiber Optic Ethernet Five Criteria update	Law	5	04:01 PM

Time: 4:18. Law presented the following slides.

MI: IEEE P802.3bm 40 Gb/s and 100 Gb/s Fiber Optic Ethernet Five Criteria update

Version 1.1

IEEE 802.3 Closing EC Items – November 2013 Plenary

Page 20

IEEE P802.3bm 40 Gb/s and 100 Gb/s Fiber Optic Ethernet Five Criteria update

Rule

The WG shall periodically review and confirm that the response to the five criteria, refer to the "Criteria for standards development" subclause in the IEEE 802 LMSC Operations Manual [5], used to approve its PAR(s) still reflect the state of the project(s) to which they relate. Should a WG need to modify the responses to the five criteria during a projects' development in order to accurately reflect the state of the project, the modified responses shall be submitted to the Sponsor for approval.

Clause 5 'WG responsibilities' of the LAN/MAN Standards Committee (LMSC) Working Group (WG) Policies and Procedures (P&P)

Draft 5C

http://www.ieee802.org/3/bm/proposed_5C_0913_optx.pdf

Version 1.1

IEEE 802.3 Closing EC Items – November 2013 Plenary

Page 21

IEEE P802.3bm 40 Gb/s and 100 Gb/s Fiber Optic Ethernet Five Criteria update

Motion

The IEEE 802 Executive Committee approves the updates to the IEEE P802.3bm 40 Gb/s and 100 Gb/s Fiber Optic Ethernet Five Criteria document

M: Law S: D'Ambrosia
Y: ??, N: ??, A: ??

Working Group vote:

Y: 86, N: 0, A: 1

* Motion #34	The IEEE 802 Executive Committee approves the updates to the IEEE P802.3bm 40 Gb/s and 100 Gb/s Fiber Optic Ethernet Five Criteria document
Moved	Law
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.091

6.092	MI	IEEE 802.3 Distinguished Minimum Latency Traffic Study Group (3rd extension)	Law	5	04:06 PM
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Law presented the following slides.



MI: Distinguished Minimum Latency Traffic Study Group (3rd extension)



Distinguished Minimum Latency Traffic Study Group (3rd extension)

Motion

The IEEE 802 Executive Committee grants an extension to the IEEE 802.3 Distinguished Minimum Latency Traffic Study Group

M: Law S: D'Ambrosia
Y: ??, N: ??, A: ??

Working Group vote:

Y: 75, N: 0, A: 9

* Motion #35	The IEEE 802 Executive Committee grants an extension to the IEEE 802.3 Distinguished Minimum Latency Traffic Study Group
Moved	Law
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.092

Time 4:22pm. Law presented the following slides.

MI: 400 Gb/s Ethernet Study Group (2nd extension)

400 Gb/s Ethernet Study Group (2nd extension)

Motion

The IEEE 802 Executive Committee grants an extension to the IEEE 802.3 400 Gb/s Ethernet Study Group (2nd extension)

M: Law S: D'Ambrosia
Y: ??, N: ??, A: ??

Working Group vote:

Y: 94, N: 0, A: 0

* Motion #36	The IEEE 802 Executive Committee grants an extension to the IEEE 802.3 400 Gb/s Ethernet Study Group (2nd extension)
Moved	Law
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.093

Time 4:22. Law presented the following slides.



MI: 4-Pair Power over Ethernet (PoE) Study Group (2nd extension)



4-Pair Power over Ethernet (PoE) Study Group (2nd extension)

Motion

The IEEE 802 Executive Committee grants an extension to the IEEE 802.3 4-Pair Power over Ethernet (PoE) Study Group

M: Law S: D'Ambrosia

Y: ??, N: ??, A: ??

Working Group vote:

Y: 78, N: 0, A: 0

* Motion #37	The IEEE 802 Executive Committee grants an extension to the IEEE 802.3 4-Pair Power over Ethernet (PoE) Study
Moved	Law
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.094

6.095	MI*	IEEE 802.3 Power over Data Link (PoDL) Study Group (1st Extension)	Law	0	04:21 PM
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Approved with approval of agenda.

6.10		IEEE 802.11		0	04:21 PM
6.101	MI	IEEE 802.11 HEW Study Group (2nd Extension)	Kraemer	5	04:21 PM

Time 4:23pm. Kraemer presented the following slides.

July 2013 doc.: IEEE 802.11-13/1468r0

(6.1.01) 802.11 HEW SG Extension Motion

- **Grant an extension of the 802.11 High Efficiency WLAN (HEW) Study Group.**
- **Moved: Bruce Kraemer**
- **Seconded: Jon Rosdahl**

- **In the WG Result: 66,0,0 - passes**

Submission Slide 13 Osama About-Magd (Huawei Technologies)

July 2013 doc.: IEEE 802.11-13/1468r0

HEW Timeline

- | | |
|--|---|
| <ul style="list-style-type: none"> • March 2013 <ul style="list-style-type: none"> - Study Group approved • May 2013 <ul style="list-style-type: none"> - Initial meeting • July 2013 <ul style="list-style-type: none"> - Presentations - SG Extension • Sept 2013 <ul style="list-style-type: none"> - Presentations • Nov 2013 <ul style="list-style-type: none"> - Presentations - Initial PAR and 5C drafts - SG Extension | <ul style="list-style-type: none"> • Jan 2014 <ul style="list-style-type: none"> - Presentations - Final version of PAR and 5C - WG Approval • March 2014 <ul style="list-style-type: none"> - Presentations - EC Approval of PAR and 5C - Tutorial • May-June 2014 <ul style="list-style-type: none"> - Nescom approval • July 2014 <ul style="list-style-type: none"> - TG starts |
|--|---|

Submission Slide 14 Adrian Stephens, Intel Corporation from slide 4/6 of 11-13-0922r0 by Osama.About-Magd (Huawei Technologies)

HEW SG Status Information

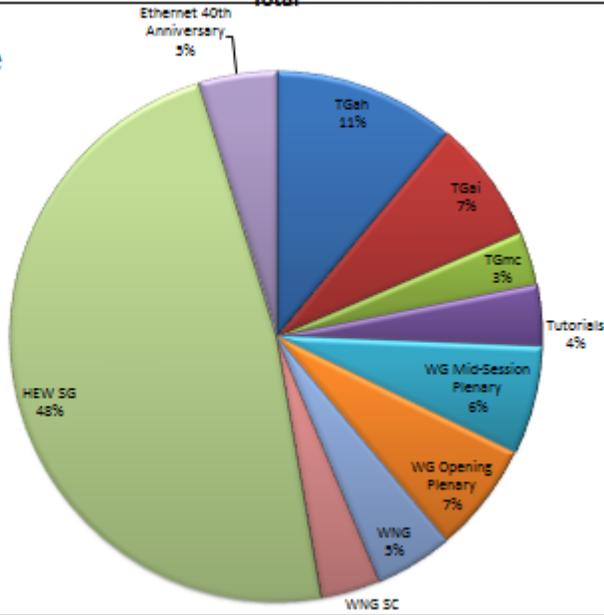
2013	2 hr Time slots	Avg Attendance	Presentations
May	7	155	37
July	9	134	45
September	9	142	50
November	10	185	45

Submission Slide 15 Adrian Stephens, Intel Corporation
 from slide 4/6 of 11-13/0922r0 by Osama.Aboul-Magd (Huawei Technologies)

November 2013

Total doc.: IEEE 802.11-13/1468r0

Attendance Total



Submission Slide 16 Adrian Stephens, Intel Corporation

* Motion #38	Grant an extension of the 802.11 High Efficiency WLAN (HEW) Study Group.
Moved	Kraemer
Second	Rosdahl
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.101

6.11		IEEE 802.15		0	04:26 PM
6.111	MI*	IEEE 802.15 Spectrum Resource Utilization (SRU) Study Group (1st Extension)	Heile	0	04:26 PM
6.112	MI*	IEEE 802.15 SG on Beam Switchable Wireless Links (100G) (1st Extension)	Heile	0	04:26 PM

Approved with approval of agenda.

6.113	MI	New SG-- 15.7 amendment supporting optical camera communications	Heile	5	04:26 PM
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Time 4:26pm. Heile presented the following slides.

November 2013 doc.: IEEE 802.15-13-0718-01-0000

Study Group: 15.7 PHY Amendment Supporting Optical Camera Communications

The focus of the Study Group is to draft a PAR and 5C for a PHY amendment to IEEE 802.15.7 for implementing Optical Camera Communications enabling scalable data rate, positioning/localization, and message broadcasting using things like the flash, display and image sensor as the transmitting and receiving devices.

Submission Slide 13 Bob Heile, ZigBee Alliance

November 2013 doc.: IEEE 802.15-13-0718-01-0000

Motion

802.15 requests the EC approve the formation of a Study Group to develop a PAR and 5C for an amendment to 15.7 addressing Optical Camera Communications

(WG 32/0/0)

Moved: Heile

Second: Gilb

Submission Slide 14 Bob Heile, ZigBee Alliance

Discussion: This could work for all mobile devices.

* Motion #39	802.15 requests the EC approve the formation of a Study Group to develop a PAR and 5C for an amendment to 15.7 addressing Optical Camera Communications
Moved	Heile
Second	Gilb
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.113

6.114	MI	New SG-- 15.4 amendment for a common ranging protocol	Heile	5	04:31 PM
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Time 4:28pm. Heile presented the following slides.

November 2013 doc.: IEEE 802.15-13-0718-01-0000

Study Group: 15.4 Amendment for a Common Ranging Protocol

The focus of this proposed Study Group is to draft a PAR and 5C for an amendment to IEEE 802.15.4 focusing on the integration of wireless-based distance measurement techniques and technologies, including those existing within IEEE 802.15.4 and new to IEEE 802.15.4, into a consistent, standardized protocol

Submission Slide 15 Bob Heile, ZigBee Alliance

November 2013 doc.: IEEE 802.15-13-0718-01-0000

Motion

- 802.15 requests the EC approve the formation of a Study Group to develop a PAR and 5C for an amendment to 802.15.4 addressing a consistent, standardized protocol for wireless-based distance measurement techniques and technologies

(WG 32/0/0)

Moved: Heile

Second: Gilb

Submission Slide 16 Bob Heile, ZigBee Alliance

* Motion #40	802.15 requests the EC approve the formation of a Study Group to develop a PAR and 5C for an amendment to 802.15.4 addressing a consistent, standardized protocol for wireless-based distance measurement techniques and technologies
Moved	Heile
Second	Gilb
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.114

6.115	MI	New SG-- 15.4 amendment for EU regional PHY support	Heile	5	04:36 PM
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Heile presented the following slides.

November 2013 doc.: IEEE 802.15-13-0718-01-0000

Study Group: 15.4 Amendment for Support of EU Regional Bands

The focus of this proposed Study Group is to draft a PAR and 5C for an amendment to IEEE 802.15.4 focusing on rationalizing European Low Rate PHYs with the 15.4g PHY set. Included will be things like reserving the next unused PHY Type value for the ETSI European Low Rate PHY, specific informative references and other items aimed at achieving tighter linkage.

Submission Slide 17 Bob Heile, ZigBee Alliance

November 2013 doc.: IEEE 802.15-13-0718-01-0000

Motion

802.15 requests the EC approve the formation of a Study Group to develop a PAR and 5C for an amendment to 802.15.4 addressing a 15.4 Amendment for Support of EU Regional Bands (WG 31/0/0)

Moved: Heile

Second: Gilb

Submission Slide 18 Bob Heile, ZigBee Alliance

* Motion #41	802.15 requests the EC approve the formation of a Study Group to develop a PAR and 5C for an amendment to 802.15.4 addressing a 15.4 Amendment for Support of EU Regional Bands
Moved	Heile
Second	Gilb
Results	13-1-0
Motion	Passes
Reference	Agenda Item #6.115

6.12	-	IEEE 802.16	Marks	-0	04:41 PM
6.13	MI	Motion to Establish an 802 EC ITU Ad hoc	Parsons	10	04:41 PM

Timed 4:32pm
Parsons presented slides

IEEE 802 EC ITU standing committee

Glenn Parsons
November 2013

Agenda 6.13

Background

- IEEE-SA is starting to engage more in International Standards governance and public policy
- ITU events in 2014
 - ITU-T Review Committee
 - ITU-T TSAG Cooperation & Collaboration rapporteur group
 - ITU-D World Telecom Development Conference (WTDC)
 - ITU World Summit on Information Society (WSIS+10)
 - ITU Plenipotentiary Conference
- IEEE-SA BOG – International SDO task group
 - Provide guidance for the relationship between IEEE-SA and ITU, IEC and ISO

Objective

- Provide IEEE 802 input into IEEE-SA engagements with ITU
- Receive updates on IEEE-SA engagements with ITU
- Do not interfere with existing technical liaisons to ITU-T (e.g., in 802.1, 802.3)
- Do not interfere with existing regulatory liaisons with ITU-R (e.g., in 802.18)

Motion

- Create an EC ITU standing committee

Move: John D'Ambrosia

Second: Tony Jeffree

Discussion about procedural issues related to the formation of a standing committee. 802 P&P Section 5.6 covers the formation of "other groups."

* Motion #42	Create an EC ITU standing committee with the following objectives
	<ul style="list-style-type: none"> • Objectives <ul style="list-style-type: none"> • Provide IEEE 802 input into IEEE-SA engagements with ITU • Receive updates on IEEE-SA engagements with ITU • Do not interfere with existing technical liaisons to ITU-T (e.g., in 802.1, 802.3) • Do not interfere with existing regulatory liaisons with ITU-R (e.g., in 802.18) • The charge to the standing committee shall be Item #2 in the IEEE 802 P&P section 5.6. • The EC Chair appoints Glenn Parsons as the chair of this EC Standing Committee
Moved	D'Ambrosia
Second	Jeffree
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.13 Note – this needs to be reviewed annually.

6.14	II	Joint Meeting (802.1 / 802.15) Meeting 48/64 bit Addressing Update	Jeffree	5	04:51 PM
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Time: 4:57pm

Jeffree gave a verbal update.

It can be difficult for some 802.15 devices to be involved in bridged networks. The discussion was enlightening from both sides, which revealed that there is a fair amount of homework to understand what 802.15 devices need from a bridge, and whether it can be provided. Jeffree / Heile agreed no PARs in immediate future, but the two groups will discuss further in January and March.

7.00		LMSC Liaisons and External Interface		0	04:56 PM
7.01		IEEE 802.18		0	04:56 PM
7.011	ME*	18-13-0115-01 "Proposed Draft: Update of WirelessMAN-Advanced RIT toward Revision 2 of Rec. ITU-R M.2012 (Meeting Y Notification)	Lynch	0	04:56 PM
7.012	ME*	18-13-0090-04 "Draft submission to the FCC in support of the IEEE USA petition for rules above 95 GHz"	Lynch	0	04:56 PM

Approved with approval of agenda.

7.02	-	IEEE 802.19	Shellhammer	0	04:56 PM
7.03	-	IEEE 802.21	Das	0	04:56 PM
7.04		IEEE 802.22		0	04:56 PM
7.041	ME	IEEE 802.22 Radio Environment Map Study Group Press Release	Mody	5	04:56 PM

Time: 5:01pm. Mody waiting for input from IEEE-SA. Deferred to IEEE-SA electronic ballot.

7.05	-	IEEE 802.24	Gilb	0	05:01 PM
7.055	-	IEEE OmniRAN EC Study Group	Riegel	0	05:01 PM
7.06		IEEE 802.1		0	05:01 PM
7.061	ME	IEEE 802.1Q-REV to ISO/IEC JTC1 SC6, for adoption	Jeffree	3.1415927	05:01 PM

Time 5:02pm. Jeffree presented the following slide.

MOTION

- 802.1 requests EC approval to forward P802.1Q-REV D2.0 to ISO/IEC JTC1 SC6, for information under the PSDO agreement, when it is forwarded to Sponsor ballot.
- Proposed: Seaman Second: randall
- For __29__ Against_0__ Abstain_2__

- EC proposed: Jeffree Second:
- For____Against__Abstain_____

* Motion #43	802.1 requests EC approval to forward P802.1Q-REV D2.0 to ISO/IEC JTC1 SC6, for information under the PSDO agreement, when it is forwarded to Sponsor ballot.
Moved	Jeffree
Second	Thaler
Results	14-0-0
Motion	Passes
Reference	Agenda Item #7.061

7.062	ME	IEEE 802.1AEbn and P802.1AEbw to ISO/IEC JTC1 SC6, for adoption	Jeffree	3.1415927	05:04 PM
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Time 5:03. Jeffree showed the following slide.

MOTION

- 802.1 requests EC approval to forward IEEE 802.1AEbn and IEEE 802.1AEbw to ISO/IEC JTC1 SC6, for adoption under the PSDO agreement.
- Proposed: Seaman Second: randall
- For __27__ Against _0__ Abstain __7__

- EC proposed: Jeffree Second:
- For ____ Against __ Abstain ____

* Motion #44	802.1 requests EC approval to forward IEEE 802.1AEbn and IEEE 802.1AEbw to ISO/IEC JTC1 SC6, for adoption under the PSDO agreement.
Moved	Jeffree
Second	Thaler
Results	14-0-0
Motion	Passes
Reference	Agenda Item #7.062

7.063	ME	P802.1Xbx to ISO/IEC JTC1 SC6, for information	Jeffree	3.1415927	05:07 PM
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Time 5:04pm. Jeffree showed the following slide.

MOTION

- 802.1 requests EC approval to forward P802.1Xbx D1.2 to ISO/IEC JTC1 SC6, for information under the PSDO agreement.
- Proposed: Seaman Second: randall
- For__29__Against_0__Abstain_5__

- EC proposed: Jeffree Second:
- For____Against__Abstain____

* Motion #45	802.1 requests EC approval to forward P802.1Xbx D1.2 to ISO/IEC JTC1 SC6, for information under the PSDO agreement.
Moved	Jeffree
Second	Thaler
Results	14-0-0
Motion	Passes
Reference	Agenda Item #7.063

7.065		IEEE 802.3		0	05:10 PM
7.066	II*	Liaison reply to ISO/IEC JTC1/SC 25 WG3: Information from IEC/SC 46C relevant to IEEE P802.3bp, http://www.ieee802.org/secmail/pdf/VwAq8mS1m.pdf	Law	0	05:10 PM

Approved with approval of agenda.

7.07		IEEE 802.11		0	05:10 PM
7.071	II	IEEE 802.11ac Press Release	Kraemer	5	05:10 PM
7.072	II	IEEE 802.11af Press Release	Kraemer	5	05:15 PM

Time 5:06pm. Kraemer showed the following slide in addressing Items 7.071 and 7.072.

July 2013

doc.: IEEE 802.11-13/1468r0

Publication Press Releases Subject to future EC eBallot

(7.071) AC – target release January 2014

- First draft
- <https://mentor.ieee.org/802.11/dcn/13/11-13-1422-01-00ac-p802-11ac-press-release.doc>

(7.072) AF – target release March 2014

- First draft
- <https://mentor.ieee.org/802.11/dcn/13/11-13-1444-01-0000-p802-11af-press-release.doc>

Submission

Slide 18

Adrian Stephens, Intel Corporation

Press releases have been drafted in the working group. They have both been approved. Will be asking for approval of press releases later in conjunction with release of documents.

7.073	II*	Liaison Letter to WI-Fi Alliance expressing thanks, 802.11-13.1446r0	Kraemer	0	05:20 PM
7.074	II*	Liaison Letter to ISO/JTC1/SC6 response to FDIS ballot comments on IEEE802.11-2012, 802.11-13-0123r5	Kraemer	0	05:20 PM

Approved with approval of agenda.

Agreed by EC to modify agenda to include item 7.075.

7.075	ME	Motion to approve sending 802.11ac and 802.11af drafts to SC6 for information..	Kraemer		05:20 PM
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* Motion #46	Motion to approve sending latest versions of 802.11ac and 802.11af drafts to SC6 for information..
Moved	JKraemer
Second	Lynch
Results	14-0-0
Motion	Passes
Reference	Agenda Item #7.075

7.08	-	IEEE 802.15	Heile	0
7.09	-	IEEE 802.16	Marks	0
8.00		IEEE SA items		
8.01		802 / SA Roles & Responsibilities Document Revision	Gordon / Nikolich	5

Nikolich gave verbal update. Document is being updated that would define relations and responsibilities of interaction between staff and volunteers.

Hope to have draft by 17-Dec-2013.

9.00		Information Items			05:25 PM
9.01	II	JTC1 ad-hoc report	Myles	5	05:25 PM

Time 5:14pm Myles was not present. Kraemer gave update. The agenda of the upcoming JTC1 meeting was reviewed, as well as the submissions by 802.1 and 802.3. Decision was made to send additional documents. See #Motion #46. Kraemer was approved within JTC1 subcommittee to chair the subcommittee.

Rosdahl presented the following slides from 802.11-13-1254-01

November 2013

doc.: IEEE 802.11-13/1254r1

Motion for 802.11 WG

Motion

- *The IEEE 802.11 WG approves the liaising of the comments in [11-13-0123r05](#) responding to FDIS ballot comments received from SC6 NBs on ISO/IEC/IEEE 8802-11:2012*
 - Moved: Dorothy Stanley
 - Seconded: Andrew Myles

Note

- **Motion not considered by IEEE 802 JTC1 SC**

Report

Slide 35

Adrian Stephens, Intel Corporation
from slide 7/8 of 11-13/1469r1 by Andrew Myles, Cisco

November 2013

doc.: IEEE 802.11-13/1254r1

Motion for IEEE 802 EC

Motion

- *The IEEE 802 EC appoints Bruce Kraemer as HoD of the IEEE 802 delegation to the SC6 meeting in February 2014 and authorises him to:*
 - *Appoint the IEEE 802 delegation*
 - *Approve any necessary submissions*
 - *Call any necessary preparation teleconferences*

Notes

- **Approved unanimously by IEEE 802 JTC1 SC**

Report

Slide 36

Adrian Stephens, Intel Corporation
from slide 8/8 of 11-13/1469r1 by Andrew Myles, Cisco

* Motion #47	The IEEE 802 EC appoints Bruce Kraemer as HoD of the IEEE 802 delegation to the SC6 meeting in February 2014 and authorises him to: <ul style="list-style-type: none"> • Appoint the IEEE 802 delegation • Approve any necessary submissions • Call any necessary preparation teleconferences Notes: Approved unanimously by IEEE 802 JTC1 SC
Moved	Rosdahl
Second	Shellhammer
Results	14-0-0
Motion	Passes
Reference	Agenda Item #9.01

Deadline for motionable items is Jan 3, 2014.

9.02	II	Regulatory report	Lynch	5	05:30 PM
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Time 5:21pm. Lynch gave verbal update. Will review Gilb's group's work on Q. 236.

9.03	II	Executive secretary report	Rosdahl	5	05:35 PM
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Time 5:22. Rosdahl presented the following slide.

July 2013 doc.: IEEE EC-13/0054r1

II 9.04 Executive secretary report

LMSC 802 – P&P list of major duties:

1. Oversee Venue selection –
2. Present summaries of venue options.
3. Oversee activities related to facilities and services
4. Carry out Duties of Treasurer if Treasurer unavailable

Chairs Guideline list of major duties:

- 1) 802 Meetings: Efficiency Improvement
- 2) 802 Plenary Sessions: Facilities and Services
- 3) IEEE 802 Registration Database
- 4) Assist IEEE 802 Treasurer

Submission

Slide 27

Jon Rosdahl, CSR.

9.04	II	Recording Secretary Report	D'Ambrosia	2	05:40 PM
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D'Ambrosia No update.

9.05	II	Ethernet 40th Anniversary	D'Ambrosia	2	05:42 PM
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D'Ambrosia gave verbal update. Event was successful with estimated 400 to 500 attendees.

9.06	II*	Appeals report -No items to report	D'Ambrosia	0	05:44 PM
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Approved with approval of agenda.

9.07	II	Network Services report	Alfvin	5	05:44 PM
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Time: 5:27pm

Alfvin gave verbal update.

Equipment has been updated and consolidated. 1.1 Tb was downloaded and approximately 380 Gb was uploaded. New records.

There were network issues, as over 2500 unique ID MAC addresses (devices) were trying to connect to the network.

Going to explore working with Rosdahl to look at taking over hotel network.

Discussed closing our network. General agreement that it should be explored. With Heile / Kraemer approval, can be tried at wireless interim in January in Los Angeles. Will try going with WPA2/PSK.

9.08	II*	Announcement of 802 EC Interim Telecon, Tuesday 4 Feb 2014 1-3pm ET (EC-13/54r1)	Rosdahl	0	05:49 PM
9.09	II*	Call for Tutorials for Nov 2014 Plenary (Monday, March 17, 2014) (EC-13/54r1)	Rosdahl	0	05:49 PM

Approved with approval of agenda.

9.10	II	Exec Leadership Meeting Logistics	Stephens / Rosdahl	5	05:49 PM
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Time 5:37pm. Rosdahl presented following slide.

November 2013

doc.: IEEE EC-13/0054r1

II 9.10 Exec Leadership Meeting Logistics

For the Workshop Attendees:

Tonight: Pegasus B – Dinner at 7pm – Drinks start 6:45

Saturday: Pegasus B – Breakfast 7am -8am

Pegasus A – Workshop starts at 8am

(See Adrian's agenda)

Break/Lunch/Break: 10/12:30/3pm

Finish at 5pm -- Hardstop.

Submission

Slide 30

Jon Rosdahl, CSR

Stephens gave verbal update.

Additional agenda items were added during the week for the leadership conference. The meeting is an Exec Session.

Time 5:43pm

Chair opened up room for discussion.

Improved Efficiency – Rosdahl gave overview of how he has been leading efforts to improve meeting efficiency.

Agenda was completed.

10.00		ADJOURN SEC MEETING	Nikolich		05:54 PM
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Meeting adjourned at 5:44pm.

Action Item Summary

Item 3.001 Nikolich Action item to send out announcement regarding election procedures for IEEE 802

Item 4.02 Rosdahl Review security of Istanbul

Consent Agenda Motions

6.095	MI*	IEEE 802.3 Power over Data Link (PoDL) Study Group (1st Extension)	Law	0	04:21 PM
6.111	MI*	IEEE 802.15 Spectrum Resource Utilization (SRU) Study Group (1st Extension)	Heile	0	04:26 PM
6.112	MI*	IEEE 802.15 SG on Beam Switchable Wireless Links (100G) (1st Extension)	Heile	0	04:26 PM
7.011	ME*	18-13-0115-01 "Proposed Draft: Update of WirelessMAN-Advanced RIT toward Revision 2 of Rec. ITU-R M.2012 (Meeting Y Notification)	Lynch	0	04:56 PM
7.012	ME*	18-13-0090-04 "Draft submission to the FCC in support of the IEEE USA petition for rules above 95 GHz"	Lynch	0	04:56 PM
7.066	II*	Liaison reply to ISO/IEC JTC1/SC 25 WG3: Information from IEC/SC 46C relevant to IEEE P802.3bp, http://www.ieee802.org/secmail/pdfnVwAq8mS1m.pdf	Law	0	05:10 PM
7.073	II*	Liaison Letter to WI-Fi Alliance expressing thanks, 802.11-13.1446r0	Kraemer	0	05:20 PM
7.074	II*	Liaison Letter to ISO/JTC1/SC6 response to FDIS ballot comments on IEEE802.11-2012, 802.11-13-0123r5	Kraemer	0	05:20 PM

Motions Summary

* Motion #1	Move to approve modified agenda
Moved	D'Ambrosia
Second	Mody
Results	14-0-0
Motion	Passes
Reference	Agenda Item #2.0

* Motion #2	The IEEE 802 Executive Committee confirms Adam Healey as IEEE 802.3 Vice Chair
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	Agenda Item #3.01

* Motion #3	The EC approves the changes described in document EC-13-0009-12, to the IEEE 802 LMSC Operations Manual
Moved	Gilb
Second	Heile
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.001

* Motion #4	The EC approves the changes described in document EC-13-0053-02, slides 7 and 8 to the IEEE 802 LMSC Operations Manual
Moved	Gilb
Second	Heile
Results	10-3-1
Motion	Passes
Reference	Agenda Item #4.001

* Motion #5	The EC approves the changes described in document EC-13-0053-02, slides 10 to the IEEE 802 LMSC Operations Manual
Moved	Gilb
Second	Heile
Results	13-1-0
Motion	Passes
Reference	Agenda Item #4.001

* Motion #6	The EC approves the changes described in document EC-13-0053-02, slide 15, to the IEEE 802 LMSC Working Group Policies and Procedures
Moved	Gilb
Second	Heile
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.001

* Motion #7	The EC approves the changes described in document EC-13-0053-03 slides 20, 23 and 24 with editorial changes allowed.
Moved	Gilb
Second	Heile
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.001

* Motion #8	Move to include the following cities as potential Non-NA/Non-US venues for Plenary Sessions in future Even Years. Bangkok: K-L, Singapore: Shanghai: ShenZhen: Sydney: Rosdahl
Moved	Rosdahl
Second	Heile
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.02

* Motion #9	Move to include the following cities as potential Non-NA/Non-US venues for Plenary Sessions in future Odd Years. Prague Istanbul
Moved	Heile
Second	Mody
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.02

* Motion #10	Move to approve a Site inspection trip for no more than 4 people with an overall budget expenses expected less than \$25,000. Rosdahl
Moved	Rosdahl
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	Agenda Item #4.02

* Motion #11	Move to eliminate the Early registration step in the registration process for Beijing
Moved	Gilb
Second	Chaplin
Results	11-3-0
Motion	Passes
Reference	Agenda Item #4.03

* Motion #12	The 802.19 WG requests IEEE 802 Executive Committee approval to submit P802.19.1/D3.06 to Sponsor Ballot
Moved	Shellhammer
Second	Lynch
Results	12-2-0
Motion	Passes
Reference	Agenda Item #5.021

* Motion #13	IEEE 802 Executive Committee authorizes to forward P802.22a/D2.0 to IEEE SA REVCOM.
Moved	Mody
Second	Kraemer
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.041

* Motion #14	EC Approves the 802.22 Revision PAR Form as contained in Document 22-13-0138 Rev 5 [https://mentor.ieee.org/802.22/dcn/13/22-13-0138-05-0000-802-22-revision-par.docx], and allows the PAR Form to be forwarded to the IEEE SA NESCOM
Moved	Mody
Second	Heile
Results	Withdrawn
Motion	
Reference	Agenda Item #5.042

* Motion #15	Approve PAR and 5C <ul style="list-style-type: none"> – EC approves the PAR proposal and 5C as provided in https://mentor.ieee.org/omniran/dcn/13/omniran-13-0086-02-ecsg-proposed-par-and-5c.docx
Moved	Jeffree
Second	Kraemer
Results	10-3-1
Motion	Passes
Reference	Agenda Item #5.045
* Motion #16	802.1 requests EC approval for forwarding P802.1AB-Cor2 PAR to NesCom.
Moved	Jeffree
Second	Thaler
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.051

* Motion #17	802.1 requests EC approval for forwarding P802.1Q-rev PAR modification to NesCom.
Moved	Jeffree
Second	Thaler
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.052

* Motion #18	802.1 Chair requests EC approval for forwarding P802.1AX-rev PAR modification to NesCom, conditional upon successful completion of an email ballot of the WG to support this action.
Moved	Jeffree
Second	Thaler
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.053

* Motion #19	802.1 requests EC approval for forwarding P802 PAR extension request to NesCom.
Moved	Jeffree
Second	Thaler
Results	12-1-0
Motion	Passes
Reference	Agenda Item #5.054

* Motion #20	802.1 requests EC conditional approval for initiating sponsor ballot on P802.1Q-rev.
Moved	Jeffree
Second	Thaler
Results	12-0-0
Motion	Passes
Reference	Agenda Item #5.055

* Motion #21	802.1 requests EC approval to submit P802.1Xbx D1.2 to Sponsor Ballot.
Moved	Jeffree
Second	Thaler
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.056

* Motion #22	802.1 requests EC approval to forward 802.1Qbp to REVCOM.
Moved	Jeffree
Second	Thaler
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.057

* Motion #23	The IEEE 802 Executive Committee grants approval to submit IEEE P802.3bj 100 Gb/s Backplane and Copper Cable to Sponsor ballot
Moved	Law
Second	D'Ambrosia
Results	12-0-0
Motion	Passes
Reference	Agenda Item #5.061

* Motion #24	The IEEE 802 Executive Committee approves the IEEE P802.3br Five Criteria and forwards the IEEE P802.3br PAR to NesCom
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	Agenda Item #5.062

* Motion #25	The IEEE 802 Executive Committee approves the IEEE P802.3bt Five Criteria and forwards the IEEE P802.3bt PAR to NesCom
Moved	Law
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.063

* Motion #26	The IEEE 802 Executive Committee approves the IEEE P802.3bu Five Criteria and forwards the IEEE P802.3bu PAR to NesCom
Moved	Law
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.064

* Motion #27	The IEEE 802 Executive Committee endorses the IEEE 802.3 Next Generation Ethernet Passive Optical Network (NG-EPON) ICAID found in NGEPON_icaid_form_v1_94.pdf
Moved	Law
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.065

* Motion #28	Request unconditional approval to submit P802.11ac to RevCom
Moved	Kraemer
Second	Rosdahl
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.071

* Motion #29	Request unconditional approval to submit P802.11af to RevCom
Moved	Kraemer
Second	Rosdahl
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.072

* Motion #30	802.15 requests conditional approval from the EC to submit the P802.15.4m draft amendment to RevCom.
Moved	Heile
Second	Gilb
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.081

* Motion #31	802.15 requests conditional approval from the EC to submit the P802.15.4p draft amendment to RevCom
Moved	Heile
Second	Gilb
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.082

* Motion #32	IEEE 802 EC approves the launch of the Spectrum Occupancy Sensing (SOS) Standardization Study Group under the IEEE 802.22 working group
Moved	Mody
Second	Kraemer
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.051

* Motion #33	<ul style="list-style-type: none"> • Extend OmniRAN ECSG until March 2014 <ul style="list-style-type: none"> – EC approves the extension of the OmniRAN EC SG until March 2014 to allow the group to further develop the foundation of the project until PAR is approved by NesCom.
Moved	Thaler
Second	Heile
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.07

* Motion #34	The IEEE 802 Executive Committee approves the updates to the IEEE P802.3bm 40 Gb/s and 100 Gb/s Fiber Optic Ethernet Five Criteria document
Moved	Law
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.091

* Motion #35	The IEEE 802 Executive Committee grants an extension to the IEEE 802.3 Distinguished Minimum Latency Traffic Study Group
Moved	Law
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.092

* Motion #36	The IEEE 802 Executive Committee grants an extension to the IEEE 802.3 400 Gb/s Ethernet Study Group (2nd extension)
Moved	Law
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.093

* Motion #37	The IEEE 802 Executive Committee grants an extension to the IEEE 802.3 4-Pair Power over Ethernet (PoE) Study
Moved	Law
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.094

* Motion #38	Grant an extension of the 802.11 High Efficiency WLAN (HEW) Study Group.
Moved	Kraemer
Second	Rosdahl
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.101

* Motion #39	802.15 requests the EC approve the formation of a Study Group to develop a PAR and 5C for an amendment to 15.7 addressing Optical Camera Communications
Moved	Heile
Second	Gilb
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.113

* Motion #40	802.15 requests the EC approve the formation of a Study Group to develop a PAR and 5C for an amendment to 802.15.4 addressing a consistent, standardized protocol for wireless-based distance measurement techniques and technologies
Moved	Heile
Second	Gilb
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.114

* Motion #41	802.15 requests the EC approve the formation of a Study Group to develop a PAR and 5C for an amendment to 802.15.4 addressing a 15.4 Amendment for Support of EU Regional Bands
Moved	Heile
Second	Gilb
Results	13-1-0
Motion	Passes
Reference	Agenda Item #6.115

* Motion #42	Create an EC ITU standing committee with the following objectives <ul style="list-style-type: none"> Objectives <ul style="list-style-type: none"> Provide IEEE 802 input into IEEE-SA engagements with ITU Receive updates on IEEE-SA engagements with ITU Do not interfere with existing technical liaisons to ITU-T (e.g., in 802.1, 802.3) Do not interfere with existing regulatory liaisons with ITU-R (e.g., in 802.18) The charge to the standing committee shall be Item #2 in the IEEE 802 P&P section 5.6. The EC Chair appoints Glenn Parsons as the chair of this EC Standing Committee
Moved	D'Ambrosia
Second	Jeffree
Results	14-0-0
Motion	Passes
Reference	Agenda Item #6.13 Note – this needs to be reviewed annually.

* Motion #43	802.1 requests EC approval to forward P802.1Q-REV D2.0 to ISO/IEC JTC1 SC6, for information under the PSDO agreement, when it is forwarded to Sponsor ballot.
Moved	Jeffree
Second	Thaler
Results	14-0-0
Motion	Passes
Reference	Agenda Item #7.061

* Motion #44	802.1 requests EC approval to forward IEEE 802.1AEbn and IEEE 802.1AEbw to ISO/IEC JTC1 SC6, for adoption under the PSDO agreement.
Moved	Jeffree
Second	Thaler
Results	14-0-0
Motion	Passes
Reference	Agenda Item #7.062

* Motion #45	802.1 requests EC approval to forward P802.1Xbx D1.2 to ISO/IEC JTC1 SC6, for information under the PSDO agreement.
Moved	Jeffree
Second	Thaler
Results	14-0-0
Motion	Passes
Reference	Agenda Item #7.063

* Motion #46	Motion to approve sending latest versions of 802.11ac and 802.11af drafts to SC6 for information..
Moved	JKraemer
Second	Lynch
Results	14-0-0
Motion	Passes
Reference	Agenda Item #7.075

* Motion #47	<p>The IEEE 802 EC appoints Bruce Kraemer as HoD of the IEEE 802 delegation to the SC6 meeting in February 2014 and authorises him to:</p> <ul style="list-style-type: none"> • Appoint the IEEE 802 delegation • Approve any necessary submissions • Call any necessary preparation teleconferences <p>Notes: Approved unanimously by IEEE 802 JTC1 SC</p>
Moved	Rosdahl
Second	Shellhammer
Results	14-0-0
Motion	Passes
Reference	Agenda Item #9.01