MINUTES (Unconfirmed) IEEE 802 LMSC
EXECUTIVE COMMITTEE MEETING, Revision 1

Prepared by John D'Ambrosia, Recording Secretary

Friday, Mar 13 – 1:00 p.m.
All times CET

Estrel Hotel
Berlin, Germany

EC members (or their representatives) present:

Paul Nikolich	Chair, IEEE 802 LAN/MAN Standards Committee
Pat Thaler	1st Vice Chair, IEEE 802 LAN/MAN Standards Committee
James Gilb	2nd Vice Chair, IEEE 802 LAN/MAN Standards Committee, Chair, IEEE 802.24 Smart Grid TAG
Jon Rosdahl	Executive Secretary, IEEE 802 LAN/MAN Standards Committee
John D'Ambrosia	Recording Secretary, IEEE 802 LAN/MAN Standards Committee
Glenn Parsons	Chair, IEEE 802.1 – HILI Working Group
David Law	Chair, IEEE 802.3 – Ethernet Working Group
Adrian Stephens	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 (arrived approximately 1:20pm)
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
Canchi Radhakrishna –	Chair, IEEE 802.20 – Mobile Broadband Wireless Access Working Group
Juan Carlos Zuniga	Chair, Privacy EC Study Group

EC members absent:

Clint Chaplin –	Treasurer, IEEE 802 LAN/MAN Standards Committee

Nonvoting EC members absent:

John Lemon –	Chair, IEEE 802.17 – Resilient Packet Ring Working Group

URL: https://mentor.ieee.org/802-ec/dcn/15/ec-15-0005-04-00EC-mar-2015-closing-agenda.xlsx

v04		DRAFT AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING			
		Friday 1:00PM-6:00PM, 21-Mar-2015			
Key:		**ME - Motion, External, MI - Motion, Internal, DT- Discussion Topic, II - Information Item**			
		Special Orders			
		Category (* = consent agenda)			
		Category (= Time Specific)**			
1.00		**MEETING CALLED TO ORDER**	**Nikolich**	**3**	**01:00 PM**

Meeting called to order at 1:00pm

Discussion regarding agenda –

- Item 7.071 Taken out of order and addressed after initial reports after Item 4.10
- Undelete Item 8.047
- Remove 7.025 through 7.029, 7.031, 7.032, 7.033, 7.036, 7.037, 7.038, 7.039 from Consent Agenda.

* Motion #1	Move to approve agenda
Moved	DAmbrosia
Second	GIlb
Results	12-0-0
Motion	Passes
Reference	Agenda Item #2.00

Updated Agenda – URL https://mentor.ieee.org/802-ec/dcn/15/ec-15-0005-05-00EC-mar-2015-closing-agenda.xlsx

v05		DRAFT AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING			
		Friday 1:00PM-6:00PM, 21-Mar-2015			
Key:		ME - Motion, External, MI - Motion, Internal, DT- Discussion Topic, II - Information Item			
Special Orders					
Category (* = consent agenda)					
Category (** = Time Specific)					
1.00		**MEETING CALLED TO ORDER**	**Nikolich**	**3**	**01:00 PM**
2.00	MI	**APPROVE OR MODIFY AGENDA**	**Nikolich**	**15**	**01:03 PM**
3.00	II	**Announcements from the Chair**	**Nikolich**	**5**	**01:18 PM**
4.00		**LMSC Internal business**			**01:23 PM**
4.01	MI	**Request for funding for July 15 Commemorative badge-holders, celebrating IEEE 802.11 25th Anniversary**	**Rosdahl**	**5**	**01:23 PM**
4.02	MI	**Confirmation of IEEE 802.24 TAG Chair**	**Nikolich / Gilb**	**3**	**01:28 PM**
4.03	MI	**Changing Monday morning closing time from 9:30am to 10am**	**Heile**	**3**	**01:31 PM**
4.04	MI	**Establish a procedure defining ballot closing deadline**	**Law**	**3**	**01:34 PM**
4.05	MI	**Motion to approve a Site visit for Bob Heile and Rick Alfvin to visit K-L and Singapore for the purpose of a Site Inspection, with the cost to not exceed an additional $2000**	**Rosdahl**	**3**	**01:37 PM**
4.06	MI	**Move to approve a Site visit for Jon Rosdahl, Rick Alfin and Dawn Slykhouse to visit the Venetian Macao in Macao, China to conduct a site visit and meeting preparation meetings with the cost not to exceed an additional $5000.00**	**Rosdahl**	**3**	**01:40 PM**

4.07	MI	**802 Hosted Interim 2016 January Atlanta Meeting Fee''**
		 Motion to set the 802 Hosted Interim 2016 January Atlanta Meeting Fees with the following levels:
		    Early-Bird -- $375 (Discounted) -- $575
		    Regular Registration -- $575 (Discounted) -- $775
		    Onsite/Late Registration -- $775 (Discounted) -- $975
			Rosdahl	**3**	**01:43 PM**

4.08	MI	**Motion: IEEE 802 EC appoints Adrian Stephens to IEEE 802 HoD to the ISO/IEC JTC1/SC6 meeting in Belgium in May 2015**	**D'Ambrosia**	**3**	**01:46 PM**
4.09	MI	**Motion: IEEE 802 EC approves that the IEEE 802 HoD to the SC6 meeting in May 2015 be authorized to:** **• Appoint the IEEE 802 delegation** **• Approve any necessary submissions** **• Call any necessary preparation teleconferences**	**D'Ambrosia**	**3**	**01:49 PM**
4.10	ME	**ME Forward IEEE 802 WG P&P to AudCom for review 20 min Document IEEE_802_WG_PandP_v17.2.doc at http://www.ieee802.org/PNP-development.shtml Motion and explanation in ec-14-0087-04**	**Gilb**	**20**	**01:52 PM**
7.071	ME	Liaision DSRC Report to FCC (Doc #18-15-0015-02-0000)	**Lynch**	**15**	**02:12 PM**

5.00		**IEEE Standards Board and Sponsor Ballot Items**			**02:27 PM**
5.01		**IEEE Privacy Recommendations EC Study Group**			**02:27 PM**
5.011	II	Privacy Considerations for IEEE 802 Technologies Draft PAR Postponed and update	**Zuniga**	8	02:27 PM
5.02		**IEEE 802.1**			**02:35 PM**
5.021	ME	IEEE P802c Amendment, Local Media Access Control (MAC) Addressing, to NesCom	**Parsons**	5	02:35 PM
5.022	ME	Withdrawl of IEEE P802.1ASbt PAR, Timing and Synchronization for Time-Sensitive Applications in Bridged Local Area Networks Amendment: Enhancements and performance improvements.	**Parsons**	5	02:40 PM
~~5.023~~	~~ME~~	~~IEEE P802.1AB/Cor2 to RevCom~~	~~Parsons~~	~~0~~	~~02:45 PM~~
5.024	ME	IEEE P802.1Qci Amendment, Per-Stream Filtering and Policing, to NesCom	**Parsons**	5	02:45 PM
5.025	ME	IEEE P802.1Qcj Amendment, Automatic Attachment to Provider Backbone Bridging (PBB) services, to NesCom	**Parsons**	5	02:50 PM
5.026	ME	IEEE 802.1AS/Cor2 - Timing and Synchronization for Time-Sensitive Applications in Bridged Local Area Networks - Corrigendum 2: Technical and Editorial Corrections to Sponsor Ballot	**Parsons**	5	02:55 PM
5.027	ME	IEEE 802.1Qca - MAC Bridges and Virtual Bridged Local Area Networks Amendment: Path Control and Reservation to Sponsor Ballot	**Parsons**	5	03:00 PM
5.028	ME	IEEE 802.1Qbv MAC Bridges and Virtual Bridged Local Area Networks Amendment: Scheduled Traffic (conditional) to Sponsor Ballot	**Parsons**	5	03:05 PM
5.029	ME	IEEE 802.1Qbz -MAC Bridges and Virtual Bridged Local Area Networks Amendment: Enhancements to Bridging of 802.11 Media (conditional) to Sponsor Ballot	**Parsons**	5	03:10 PM
	**	**Break**		10	03:15 PM
5.03		**IEEE 802.3**			**03:25 PM**
5.031	ME	IEEE P802.3bz 2.5 Gb/s and 5 Gb/s Ethernet PAR to NesCom	**Law**	5	03:25 PM
~~5.032~~	~~ME~~	~~IEEE P802.3bq 25GBASE-T and 40GBASE-T PAR modification to NesCom~~	~~Law~~	~~0~~	~~03:30 PM~~
5.033	ME	IEEE P802.3bw 100BASE-T1 to Sponsor Ballot (conditional)	**Law**	5	03:30 PM
5.034	ME	IEEE P802.3 (IEEE 802.3bx) Maintenance #11 to Sponsor Ballot	**Law**	5	03:35 PM
5.04		**IEEE 802.11**			**03:40 PM**
5.041	ME	IEEE P802.11ay Next Generation 60 GHz PAR to NesCom	**Stephens**	5	03:40 PM
5.042	ME	4. IEEE 802.11 P802.11REVmc (revision) to Sponsor Ballot	**Stephens**	5	03:45 PM
5.043	MI	Motion - Delegate resolution of the P802.11REVmc sponsor ballot comments to the 802.11 WG chair.	**Stephens**	5	03:50 PM

5.05	ME	IEEE 802.15			03:55 PM
5.051	ME	IEEE P802.15.4q to Sponsor Ballot (conditional)	Heile	5	03:55 PM
5.052	ME	IEEE P802.15.4 Revision to Sponsor Ballot (conditional)	Heile	5	04:00 PM
5.053	ME	IEEE P802.15.3e High-rate close proximity point-to-point communications PAR to NesCom	Heile	5	04:05 PM
5.06	ME	IEEE 802.16			04:10 PM
5.061	ME	Withdrawal of IEEE P802.16r (Small Cell Backhaul) to NesCom https://mentor.ieee.org/802.16/dcn/15/16-15-0013.pdf	Marks	5	04:10 PM
5.07	ME	IEEE 802.18	Lynch	-	04:15 PM
5.08	ME	IEEE 802.19	Shellhammer	-	04:15 PM
5.09	ME	IEEE 802.21			04:15 PM
5.091	ME	IEEE 802.21d to RevCom	Das	5	04:15 PM
5.10	ME	IEEE 802.22	Mody	-	04:20 PM
6.00		Executive Committee Study Groups, Working Groups, TAGs			04:20 PM
6.01		IEEE 802.24			04:20 PM
6.011	MI	Creation of IEEE 802.24.2 IoT Task Group 10 min Document 24-15-0010-01 (response to comments) Document 24-15-0003-01 (IoT Task Group scope) Document 24-15-0012-00 (motion)	Gilb	4	04:20 PM
6.02	MI	IEEE 802 Privacy Recommendations EC Study Group (2nd Extension)	Zuniga	4	04:24 PM
6.03		IEEE 802.1			04:28 PM
6.031	MI*	IEEE 802.1 Local MAC Address (1st Extension)	Parsons	0	04:28 PM
6.04		IEEE 802.3			04:28 PM
6.041	MI*	IEEE 802.3 Next Generation Enterprise Access BASE-T PHY Study Group (1st Extension)	Law	0	04:28 PM
6.042	MI*	IEEE 802.3 25GBASE-T Study Group (1st Extension)	Law	0	04:28 PM
6.05		IEEE 802.11			04:28 PM
6.051	MI*	IEEE 802.11 1. Next Generation Positioning Study Group (1st Extension)	Stephens	0	04:28 PM
6.052	MI	IEEE 802.112. Next Generation 60 GHz Study Group (2nd extension)	Stephens	4	04:28 PM
6.06		IEEE 802.15			04:32 PM
6.061	MI*	IEEE 802.15 HRCP (high rate close proximity) Study Group (1st Extension)	Heile	0	04:32 PM
6.062	MI	IEEE 802.15.4 Study Group formation	Heile	0	04:32 PM

6.07	~~MI~~	~~IEEE 802.16~~	~~Marks~~	-	~~04:32 PM~~
6.08	~~MI~~	~~IEEE 802.18~~	~~Lynch~~	-	~~04:32 PM~~
6.09		**IEEE 802.19**			04:32 PM
6.091	MI*	IEEE 802.19 Coexistence in Unlicensed Bands Study Group (1st Extension)	**Shellhammer**	**0**	**04:32 PM**
~~6.10~~	~~MI~~	~~IEEE 802.21~~	~~Das~~	-	~~04:32 PM~~
~~6.11~~	~~MI~~	~~IEEE 802.22~~	~~Mody~~	-	~~04:32 PM~~
					04:32 PM
7.00		**LMSC Liaisons and External Interface**			04:32 PM
7.01		**IEEE 802.24**			04:32 PM
7.011	ME	Approve liaison with IEEE P2413 5 min Document 24-14-0040-06 (liaison letter) Document 24-15-0012-00 (motion)	**Gilb**	5	04:32 PM
7.02	**ME**	**IEEE 802.1**			04:37 PM
7.021	ME	IEEE Std 802.1AX-2014 to SC6 for ballot under PSDO	**Parsons**		04:37 PM
7.022	ME	IEEE Std 802.1BA-2011 to SC6 for information under PSDO	**Parsons**	4	04:41 PM
7.023	ME	IEEE Std 802.1BR-2012 to SC6 for information under PSDO	**Parsons**		04:41 PM
7.024	ME	Responses to SC6 comments on FDIS ballots of 802.1AEbn and 802.1AEbw	**Parsons**		04:41 PM
7.025	II	802.1 to MEF regarding P802.1AXrev and all active UNI	**Parsons**	0	04:41 PM
7.026	II	802.1 to MEF regarding YANG	**Parsons**	0	04:41 PM
7.027	II	802.1 to ITU-T SG15 regarding LS224 on PTP over LAG	**Parsons**	0	04:41 PM
7.028	II	802.1 to IEEE 1904.3	**Parsons**	0	04:41 PM
7.029	II	802.1 to CPRI cooperation, 1904.3, ITU-T SG15, ITU-R WP5, MEF regarding fronthaul	**Parsons**	0	04:41 PM
7.03		**IEEE 802.3**			04:41 PM
7.031	II	Liaison letter to ITU-T SG5: New Recommendations related to Ethernet port protection	**Law**	2	04:41 PM
7.032	II	Liaison letter to ITU-T SG15: Access Network Transport (ANT) Standardization Work Plan	**Law**	2	04:43 PM

7.033	II	Liaison letter to ITU-T SG15: Optical Transport Networks and Technologies (OTNT) Standardization Work Plan	**Law**	**2**	**04:45 PM**
7.034	ME	Liaison letter to ISO/IEC JTC1 SC6: IEEE P802.3 (IEEE 802.3bx) initial sponsor ballot draft	**Law**	**4**	**04:47 PM**
7.035	ME*	Authorize IEEE 802.3 Industry Connections NG-EPON Report	**Law**	**0**	**04:51 PM**
7.036	II	Liaison letter to ISO/IEC JTC1 SC25: Remote powering	**Law**	**2**	**04:51 PM**
7.037	II	Liaison letter to ISO/IEC JTC1 SC25: Copper qualification	**Law**	**2**	**04:53 PM**
7.038	II	Liaison letter to ITU-T SG15: Timestamping point for multilane Ethernet interfaces	**Law**	**2**	**04:55 PM**
7.039	II	Liaison letter to IEC Sc48B: Modular connectors	**Law**	**2**	**04:57 PM**
7.04		**IEEE 802.11**			**04:59 PM**
7.041	II*	Liaison to IEC/JTC1 - 3 pre-Sponsor Ballot Drafts	**Stephens**	**0**	**04:59 PM**
~~7.05~~	~~ME~~	~~IEEE 802.15~~	~~Heile~~	-	~~04:59 PM~~
~~7.06~~	~~ME~~	~~IEEE 802.16~~	~~Marks~~	-	~~04:59 PM~~
7.07		**IEEE 802.18**			**04:59 PM**
~~7.071~~	~~ME~~	~~Liaision DSRC Report to FCC (Doc #18-15-0015-02-0000)~~	~~Lynch~~	~~0~~	~~04:59 PM~~
7.08	**ME**	**IEEE 802.19**			**04:59 PM**
7.081	ME	Liaision letter to 3GPP - LAA LBT Categories (Doc #19-15-0026-02-000)	**Shellhammer**	**4**	**04:59 PM**
7.082	ME	Liaision letter to 3GPP - LAA (Doc #19-15-0024-04-000)	**Shellhammer**	**4**	**05:03 PM**
~~7.09~~	~~ME~~	~~IEEE 802~~	~~Nikolich~~	-	~~05:07 PM~~
~~7.10~~	~~ME~~	~~IEEE 802.21~~	~~Das~~	-	~~05:07 PM~~
7.11		**IEEE 802.22**			**05:07 PM**
7.111	ME*	Approval of Press Release - ISO approval of IEEE 802.22 Standard	**Mody**	**0**	**05:07 PM**
7.112	ME	Motion to forward IEEE Std. 802.22a-2014 and P802.22b Draft 5.0 to the ISO/ IEC / JTC1 as an information only document.	**Mody**	**4**	**05:07 PM**
8.00	**ME**	**Information Items**			
8.01	**II**	**IEEE 802 / SA Task Force Report**	**Nikolich**	**4**	**05:11 PM**
8.02	**II**	**IEEE SA Staff Reports**			**05:15 PM**
8.03		**Standing Committee Reports**			**05:15 PM**
8.031	**II**	802 / JTC1 SC Report	**Dambrosia / Myles**	**1**	**05:15 PM**
8.032	**II**	802 / ITU SC Report	**Parsons**	**4**	**05:16 PM**
8.033	**II**	802 / IETF SC Report	**Thaler**	**4**	**05:20 PM**
8.034	**II**	802 Wireless Chairs SC Report	**Heile**	**4**	**05:24 PM**

8.035	II	Regulatory report	Lynch	4	05:28 PM
8.04		**Officers Reports**			**05:32 PM**
8.041	II	1st Vice Chair Report	**Thaler**	**0**	**05:32 PM**
8.042	II	2nd Vice Chair Report	**Gilb**	**0**	**05:32 PM**
8.043	II	Treasurer's Report	**Rosdahl / Chaplin**	**4**	**05:32 PM**
8.044	II*	Executive secretary report	Rosdahl	0	05:36 PM
8.045	II	Recording Secretary Report	**D'Ambrosia**	**2**	**05:36 PM**
8.046	II*	Appeals report -No items to report	D'Ambrosia	0	05:38 PM
8.047	II	Historical Financial Data	**Rosdahl**	**0**	**05:38 PM**
8.05	II	**Network Services report**	**Alfvin**	**5**	**05:38 PM**
8.06	II*	**Announcement of 802 EC Interim Telecon (Tuesday 2 Jun 2015, 1-3pm ET)**	**Rosdahl**	**0**	**05:43 PM**
8.07	II*	**Call for Tutorials for Jul 2015 Plenary (Monday, July 13, 2015)**	**Rosdahl**	**0**	**05:43 PM**
8.08	DT	**Review of Action Items**	**Nikolich / Dambrosia**	**15**	**05:43 PM**
					05:58 PM
10.00	II*	**ADJOURN SEC MEETING**	**Nikolich**	**0**	**06:00 PM**

Nikolich presented the following slides.

Nikolich congratulated all of the WG's for a productive plenary.

Nikolich announced his candidacy for the BoG

3.00 Chair's Announcement

- **Chair's opening remarks**
  - Highly productive session, nice work all
  - Busy closing agenda, be prepared, let's be efficient!

  - Nikolich a candidate in the 2016/17 BoG election

3

3.01 Chair Announcement
EC Action Item recap

- **Open Action Items from March 2014 Plenary**
  - Item 3.1 Gilb - Review rules regarding endorsement / affiliation letter requirements for temporary appointments. Status – No action at this time. Language to be provided by March 2015.
  - Item 4.03 Thaler - Develop a process to capture EC approved CSDs and make publicly available for easy review. Status - Email proposal sent to reflector prior to meeting. Action Item: Thaler / DÁmbrosia to define process and webpage. Under discussion, complete March 2015.
- **Open Action Items from Feb 2015 telecon**
  - From NOV2014 plen Item 9.00 Gilb/Thompson to conduct EC email ballot on proposed liaison to P2413 Std. for an Architectural Framework for IoT. Due March 2015
- **Open Action Items from March 2015 Plenary**
  - Tbd at the end of this meeting

5

Action Item review

Item 3.1 deferred until June EC Conference Call

Item 4.03 – update at June EC Conference Call

Action Items from Feb 2015 telecon - closed

4.00		LMSC Internal business			01:23 PM
4.01	MI	Request for funding for July 15 Commemorative badge-holders, celebrating IEEE 802.11 25th Anniversary	Rosdahl	5	01:23 PM

Rosdahl presented following slide –

F4.01 Request for July 2015 Commemorative Badge-holders

Whereas IEEE 802.11 is celebrating the 25th Anniversary during the July 2015 Plenary

Move to authorize the purchase of a commemorative badge-holder for attendees at the July Plenary,

upto 800 items at a cost not to exceed a cost of $4 each ($3200.00).

Move: Jon Rosdahl
2nd: Adrian Stephens

Report   Slide 7   Jon Rosdahl, CSR

* Motion #2	**Move to authorize the purchase of a commemorative badge-holder for attendees at the July Plenary, upto 800 items at a cost not to exceed a cost of $4 each ($3200.00).**
Moved	Rosdahl
Second	Stephens
Results	12-0-0
Motion	Passes
Reference	Agenda Item #4.01

| 4.02 | MI | Confirmation of IEEE 802.24 TAG Chair | Nikolich / Gilb | 3 | 01:28 PM |

Nikolich presented the following slide –

4.02 Confirmation of 802.24 TAG Chair

- Election results
  - TAG elected Tim Godfrey *INSERT RESULT*
- EC Motion
  - The 802 Sponsor confirms the election of Tim Godfrey as the 802.24 Chair
    - Moved _____, Seconded _____
    - Result ___App, ___Dis, ___Abs

4

Recording Secretary confirmed endorsement / affiliation paperwork received.

Results of 802.24 vote were: 6/0/0

* Motion #3	The 802 Sponsor confirms the election of Tim Godfrey as the 802.24 Chair
Moved	Marks
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	Agenda Item #4.02

Mr. Godfrey, with no objections from the EC was asked to sit at the EC table for this meeting.

4.03	MI	**Changing Monday morning closing time from 9:30am to 10am**	Heile	3	01:31 PM

* Motion #4	Start the Monday EC meeting at Plenary Sessions at 8am and end it at 10am
Moved	Heile
Second	Rosdahl
Results	13-0-0
Motion	passes
Reference	Agenda Item 4.03

4.04	MI	Establish a procedure defining ballot closing deadline	Law	3	01:34 PM

Law presented the following slides.

ME: Close of ballot time

Close of ballot time

Motion

In support of the global participation in IEEE 802 and the IEEE-SA strategic goal of expanded global presence the IEEE 802 LAN/MAN Sponsor Committee requests that the IEEE-SA changes the requirement found in subclause 5.4.3.1 'Ballot term' of the IEEE-SA Standards Board Operations manual with respect to the close time to be based on UTC instead of ET.

IEEE 802 further request that when this change is implemented, all other myProject times are updated to be based on UTC instead of ET.

IEEE 802 appoints David Law to submit this request to the IEEE-SA Standards Board Procedures Committee on its behalf.

_____

5.4.3.1 Ballot term

Each ballot in the standards balloting process shall close at 11:59 p.m. ET 23:59 UTC-12[4] on the closing date specified on the ballot.

[4]UTC is Coordinated Universal TimeET is the time in New York City, New York, USA.

_____

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

* Motion #5	In support of the global participation in IEEE 802 and the IEEE-SA strategic goal of expanded global presence the IEEE 802 LAN/MAN Sponsor Committee requests that the IEEE-SA changes the requirement found in subclause 5.4.3.1 'Ballot term' of the IEEE-SA Standards Board Operations manual with respect to the close time to be based on UTC instead of ET. IEEE 802 further request that when this change is implemented, all other myProject times are updated to be based on UTC instead of ET. IEEE 802 appoints David Law to submit this request to the IEEE-SA Standards Board Procedures Committee on its behalf 5.4.3.1 Ballot term Each ballot in the standards balloting process shall close at <u>23.59 UTC-12</u>[4] on the closing date specified on the ballot [4] <u>UTC is Coordinated Universal Time.</u>
Moved	Law
Second	D'Ambrosia
Results	10-2-1
Motion	Passes
Reference	Agenda Item #4.04

4.05	MI	Motion to approve a Site visit for Bob Heile and Rick Alfvin to visit K-L and Singapore for the purpose of a Site Inspection, with the cost to not exceed an additional $2000	Rosdahl	3	01:37 PM

Rosdahl presented following slide

F4.05 - MI : Motion Site Visit #1

Whereas, Bob Heile and Rick Alfvin are going to visit Centara Convention Center in Thailand, Bangkok for a Wireless interirm site visit, and

Whereas a potential 2018 Venue is at the Ritz/Marriott in K-L, and/or SunTec in Singapore and very close proximity;

Move to approve a Site visit for Bob Heile and Rick Alfvin to visit K-L and Singapore for the purpose of a Site Inspection, with the cost to not exceed an additional $2000.

Moved: Jon Rosdahl

2nd: James Gilb

Report   Slide 8   Jon Rosdahl, CSR

* Motion #6	Move to approve a Site visit for Bob Heile and Rick Alfvin to visit K-L and Singapore for the purpose of a Site Inspection, with the cost to not exceed an additional $2000.
Moved	Rosdahl
Second	Gilb
Results	12-0-0
Motion	Passes
Reference	Agenda Item #4.05

| 4.06 | MI | Move to approve a Site visit for Jon Rosdahl, Rick Alfin and Dawn Slykhouse to visit the Venetian Macao in Macao, China to conduct a site visit and meeting preparation meetings with the cost not to exceed an additional $5000.00 | Rosdahl | 3 | 01:40 PM |

Rosdahl presented following slide

Motion Site Visit #2

Whereas Jon Rosdahl and Rick Alfin are going to be in Thailand, Bangkok in September for 802 Wireless Interim,

Whereas the 2016 March Plenary is at the Venetian Macao, Macao, China

Move to approve a Site visit for Jon Rosdahl, Rick Alfin and Dawn Slykhouse to visit the Venetian Macao in Macao, China to conduct a site visit and meeting preparation meetings with the cost not to exceed an additional $5000.00

Moved: Adrian Stephens

2nd:

Report   Slide 9   Jon Rosdahl, CSR

* Motion #7	Move to approve a Site visit for Jon Rosdahl, Rick Alfin and Dawn Slykhouse to visit the Venetian Macao in Macao, China to conduct a site visit and meeting preparation meetings with the cost not to exceed an additional $5000.00
Moved	Stephens
Second	Law
Results	13-0-0
Motion	Passes
Reference	Agenda Item #4.06

4.07	MI	**802 Hosted Interim 2016 January Atlanta Meeting Fee"**
		Motion to set the 802 Hosted Interim 2016 January Atlanta Meeting Fees with the following levels:
		    Early-Bird -- \$375 (Discounted) -- \$575
		    Regular Registration -- \$575 (Discounted) -- \$775
		    Onsite/Late Registration -- \$775 (Discounted) -- \$975
			Rosdahl	**3**	**01:43 PM**

Rosdahl presented following slides

Atlanta, GA- January 2015

From Treasurer Report: 11-15/226r0	Proposed Budget Oct 2014	Estimated Budget Jan 10, 2015	Actual Mar 5, 2015
• **Registration Income:**	$392,500	$379,150	$377,350.00
– Hotel Credits	$50,000	$50,000	$ 55,839.56
– Registrations	700	664	665
• **Meeting Expense Estimate:**	**$251,875**	**$304,057**	**$318,492.96**
– AV	$51,000	$50,000	$ 54,999.48
– Financial Fees	$20,625	$19,968	$ 25,600.51
– Food & Beverage	$85,000	$75,000	$ 81,373.75
– Meeting Planner	$78,000	$73,000	$ 81,337.20
– Network Services	$12,000	$12,200	$ 0
– Social	$ 0	$ 0	$ 0
– Shipping	$ 750	$ 1,000	$ 1,511.30
– Misc	$ 4,500	$ 5,000	$ 3,170.72
-- Foreign Venue Set Aside	$ 0	$ 67,900	$ 70,500.00
-- Get 802 Attendee fee	$ 0	$ 0	$ 0
-- Surplus Paid to IEEE 802			$114,696.60
• **Surplus/(Deficit)**	$190,625	$125,093	$ 0
• **Average cost per attendee**	$458	$467	$479

Report   Slide 10   Jon Rosdahl, CSR

Atlanta, GA- January 2016

	Proposed Budget March 2015
• **Registration Income:**	$310,600.00
– Hotel Credits	$ 55,839.56
– Registrations	671
• **Meeting Expense Estimate:**	**$373,911.09**
– AV	$ 34,700.00
– Financial Fees	$ 25,600.51
– Food & Beverage	$ 81,373.75
– Meeting Planner	$ 77,207.00
– Network Services	$ 67,700.00
– Social	$ 0
– Shipping	$ 6,511.30
– Misc	$ 11,019.01
-- Foreign Venue Set Aside	$ 69,800.00
-- Get 802 Attendee fee	$ 0
•Surplus/(Deficit)	**($4,352.00)**
• **Average cost per attendee**	**$557.24**

---

802 Hosted Interim 2016 January Atlanta Meeting Fee

Motion to set the 802 Hosted Interim 2016 January Atlanta Meeting Fees with the following levels:

Early-Bird	-- $375 (Discounted)	-- $575 (No Hotel)
Regular Registration	-- $575 (Discounted)	-- $775 (No Hotel)
Onsite/Late Registration	-- $775 (Discounted)	-- $975 (No Hotel)

Moved: Jon Rosdahl

2nd : Bob Heile

* Motion #8	Motion to set the 802 Hosted Interim 2016 January Atlanta Meeting Fees with the following levels:
	Early-Bird -- $375 (Discounted) -- $575
	Regular Registration -- $575 (Discounted) -- $775
	Onsite/Late Registration -- $775 (Discounted) -- $975
Moved	Rosdahl
Second	Heile
Results	13-0-0
Motion	Passes
Reference	4.07

4.08	MI	**Motion: IEEE 802 EC appoints Adrian Stephens to IEEE 802 HoD to the ISO/IEC JTC1/SC6 meeting in Belgium in May 2015**	**D'Ambrosia**	**3**	**01:46 PM**

* Motion #9	IEEE 802 EC appoints Adrian Stephens to IEEE 802 HoD to the ISO/IEC JTC1/SC6 meeting in Belgium in May 2015
Moved	DAmbrosia
Second	Mody
Results	12-0-1
Motion	Passes
Reference	Agenda Item #4.08

4.09	MI	Motion: IEEE 802 EC approves that the IEEE 802 HoD to the SC6 meeting in May 2015 be authorized to: • Appoint the IEEE 802 delegation • Approve any necessary submissions • Call any necessary preparation teleconferences	D'Ambrosia	3	01:49 PM

* Motion #10	IEEE 802 EC approves that the IEEE 802 HoD to the SC6 meeting in May 2015 be authorized to: • Appoint the IEEE 802 delegation • Approve any necessary submissions • Call any necessary preparation teleconferences
Moved	DAmbrosia
Second	Rosdahl
Results	12-1-0
Motion	Passes
Reference	Agenda Item #4.09

4.10	ME	ME Forward IEEE 802 WG P&P to AudCom for review 20 min Document IEEE_802_WG_PandP_v17.2.doc at http://www.ieee802.org/PNP-development.shtml Motion and explanation in ec-14-0087-04	Gilb	20	01:52 PM

Gilb presented slides from Doc EC 14-0087-04. Due to in-meeting editing – Gilb saved presentation as -05

See attachment ec-14-0087-05-00EC-overview-of-proposed-wg-p-p-changes.pdf

* Motion #11	EEE 802 EC approves sending IEEE_802_WG_PandP_v17.2.doc to AudCom for review.
Moved	Gilb
Second	Rosdahl
Results	13-0-0
Motion	Passes
Reference	See Item #4.10

7.071	ME	Liaision DSRC Report to FCC (Doc #18-15-0015-02-0000)	**Lynch**	**15**	02:12 PM

Lynch presented following slides

March 2015   doc.: IEEE 802.18-15/0015r2

802.18 Motion

- **Believing that the report in document 11-15/0347r0 represents the work of the DSRC Coexistence Tiger Team with the removal of Section 11and add to the front matter that there was no consensus, forward it to the EC for its approval and submittal to the FCC.**

- **Moved by: Rich Kennedy**
- **Seconded by: Petere**
- **Discussion?**
- **Vote: 8/1/2**

Submission   Slide 1   Rich Kennedy, MediaTek

March, 2015   doc.: 18-15/0017

EC Motion

- The RR-TAG approved and is submitting to the EC for their approval one document describing the work done in the IEEE802.11 DSRC Tiger Team.
  - Move to approve document 18-15/0016r1 providing a view of the work done in the IEEE802.11 DSRC Tiger Team with the cover letter as contained in Document 18-15/0018r1 and submit it to the FCC. The Chair of 802 is authorized to make editorial changes as necessary
  - EC proposed: Lynch Second: Mody
  - Vote: XX Yes   XX No   XX Abstain

Submission   Slide 2   Michael Lynch, MJ Lynch & Associates LLC

* Motion #12	The RR-TAG approved and is submitting to the EC for their approval one document describing the work done in the IEEE802.11 DSRC Tiger Team.
	– Move to approve document 18-15/0016r1 providing a view of the work done in the IEEE802.11 DSRC Tiger Team with the cover letter as contained in Document 18-15/0018r1 and submit it to the FCC. The Chair of 802 is authorized to make editorial changes as necessary
Moved	Lynch
Second	Mody
Results	
Motion	
Reference	See Item #7.071

After the presentation of the two slides, there were questions about the referenced documents. Vijay Aluk objected to being named 2nd on the 802.18 motion. Rich Kennedy attempted to clarify the situation, but challenges to the explanation resulted in additional confusion. After 15 minutes of discussion and further questions, additional time was needed to assemble accurate factual information for consideration by the EC.

* Motion #13	Motion to table Motion #12
Moved	Law
Second	D'Ambrosia
Results	12-0-0
Motion	Passes
Reference	See Item #7.071

5.00		**IEEE Standards Board and Sponsor Ballot Items**			02:27 PM
5.01		**IEEE Privacy Recommendations EC Study Group**			02:27 PM
5.011	II	Privacy Considerations for IEEE 802 Technologies Draft PAR Postponed and update	**Zuniga**	8	02:27 PM

Zuniga presented the following slides. File - https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0015-00-ecsg-march-plenary-meeting-closing-report.pptx

privecsg-15-0015-00-ecsg

IEEE 802 EC Privacy Recommendation SG Closing Report

802 Plenary Meeting
March 9-13, 2015

Juan Carlos Zuniga, InterDigital Labs
(EC SG Chair)

1

privecsg-15-0015-00-ecsg

March 2015 F2F Meeting

- Venue
  - Estrel Hotel and Conference Center, Berlin, Germany

- 2 Sessions – **ECC 4** meeting room, Conference Center, 2nd level
  - Tuesday,   March 10th,   19:30 – 21:30 (EVE)
  - Thursday,   March 12th,   08:00 – 10:00 (AM1)

2

IEEE 802 Privacy Recommendation PAR/CSD

- PAR/CSD pre-circulated with 802 EC
  - PAR/CSD Presentation
  - https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0004-02-0000-privacy-recommendation-par-csd-proposal.pptx

  - PAR Text
  - https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0006-00-ecsg-privacy-recommendation-par-proposal.pdf

IEEE 802 Privacy Recommendation PAR/CSD

- Received comments
  - https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0010-00-ecsg-par-csd-comments-received.pptx

- Response to PAR CSD comments
  - https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0013-01-0000-response-to-par-csd-comments.pptx

IEEE Privacy EC SG Closing Report

- PAR submission
  - Withdrawn from 802 EC closing agenda – some comments require further consideration by the group
  - Planning to refine text, especially with respect to intended audience for the recommended practices document
  - Will continue discussions on mailing list

- Study Group extension
  - Planning to request extension for one more cycle

5

Technical Presentations

- *Max Riegel (Nokia Networks)*
  - *Initial thoughts about privacy aspects on P802.1CF specification*
  - *https://mentor.ieee.org/omniran/dcn/15/omniran-15-0015-00-CF00-privacy-engineered-access-network.pptx*

- *Antonio de la Oliva (UC3M)*
  - *MAC address randomization experiment being run on IEEE 802 network during Berlin plenary meeting:*
  - *https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0007-01-0000-wifi-privacy-experiement-at-802-berlin-plenary.pptx*

6

MAC Randomization Trial

- MAC address randomization experiment run on IEEE 802 wireless network during Berlin plenary meeting
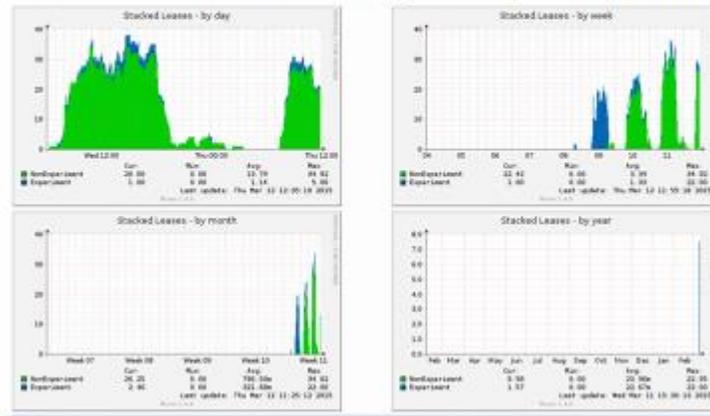
- · [Strong support from Verilan and Warren Kumari (Google)]
- · More info available at the trial Wiki page: http://goo.gl/eFUM9h

7

Proposed Next Steps

- Refine PAR/CSD on recommended privacy practices for IEEE 802 protocols

- Continue call for proposals to discuss technical topics
    - (1) Threat Model for Privacy at Link Layer
    - (2) Privacy Issues at Link Layer
    - (3) Proposals regarding functionalities in IEEE 802 protocols to improve Privacy
    - (4) Proposals regarding measuring levels of Privacy on Internet protocols
    - (5) Implications of MAC address changes
    - (6) Other…

8

Future Plans

- Upcoming meetings (if SG is renewed)

  - Teleconferences
    - 15 April 2015, (10:00 AM ET)
    - 3 June 2015, (10:00 AM ET)
      - PAR/CSD submission
    - 1 July 2015, (10:00 AM ET)

  - 13-17 July, 2015, IEEE 802 Plenary meeting in Waikoloa, HI, USA

9

5.02		**IEEE 802.1**			**02:35 PM**
5.021	ME	IEEE P802c Amendment, Local Media Access Control (MAC) Addressing, to NesCom	**Parsons**	5	**02:35 PM**

Parsons presented the following slides

5.021 - 802c PAR – supporting info

- Amendment: Local Media Access Control (MAC) Addressing

- Local Address SG met at interim and plenary to discuss PAR
- PAR pre-circulated to EC as per P&P
- Comments from 802.3, 802.11, Paul Nikolich & Roger Marks were received and answered
- Updated PAR & CSD were posted

8

5.021 - MOTION

- EC approves the CSD for 802c and forwards the 802c PAR to NesCom.
  - CSD: http://ieee802.org/1/files/public/docs2015/lasg-mjt-802c-CSD-0315-v02.pdf
  - PAR: http://ieee802.org/1/files/public/docs2015/new-addresses-thaler-local-address-par-v02.pdf

- WG proposed: Haddock   Second: Thaler
- For__27__Against_0__Abstain__1__

- EC proposed: Parsons   Second: Thaler
- For____Against___Abstain____

* Motion #14	EC approves the CSD for 802c and forwards the 802c PAR to NesCom.
	– CSD: http://ieee802.org/1/files/public/docs2015/lasg-mjt-802c-CSD-0315-v02.pdf
	– PAR: http://ieee802.org/1/files/public/docs2015/new-addresses-thaler-local-address-par-v02.pdf
Moved	Parsons
Second	Thaler
Results	11-0-0
Motion	Passes
Reference	See Item #5.021

5.022	ME	Withdrawl of IEEE P802.1ASbt PAR, Timing and Synchronization for Time-Sensitive Applications in Bridged Local Area Networks Amendment: Enhancements and performance improvements.	**Parsons**	**5**	**02:40 PM**

Parsons presented following slides

5.022 - .1ASbt PAR – supporting info

- Timing and Synchronization for Time-Sensitive Applications
  - Amendment: Enhancements and performance improvements.

- PAR withdrawal circulated to EC as per P&P
- Rationale
  - With the approval of the P802.1AS revision, the content of this amendment has been moved to be part of the revision project. As a result, a separate amendment is no longer needed.

5

5.022 - MOTION

- EC approves to withdraw the PAR for P802.1ASbt

- WG proposed: Messenger Second: Gray
- For__27__Against_0__Abstain_0___

- EC proposed: Parsons Second: Thaler
- For____Against___Abstain____

* Motion #15	EC approves to withdraw the PAR for P802.1ASbt
Moved	Parsons
Second	Thaler
Results	10-0-0
Motion	Passes
Reference	See Item #5.022

5.023	ME	IEEE P802.1AB/Cor2 to RevCom	**Parsons**	**0**	**02:45 PM**
5.024	ME	IEEE P802.1Qci Amendment, Per-Stream Filtering and Policing, to NesCom	**Parsons**	**5**	**02:45 PM**

Parsons presented the following slides.

5.024 - .1Qci PAR – supporting info

- Bridges and Virtual Bridged LANs Amendment: Per-Stream Filtering and Policing

- PAR pre-circulated to EC as per P&P
- Comments from 802.3 & Paul Nikolich were received and answered
- Updated PAR & CSD were posted

10

5.024 - Motion

- EC approves the CSD and forwards the P802.1Qci PAR to NesCom.
  - CSD: http://www.ieee802.org/1/files/public/docs2015/new-nfinn-input-gates-csd-0115-v03.pdf
  - PAR: http://www.ieee802.org/1/files/public/docs2015/new-nfinn-input-gates-par-0115-v05.pdf
- WG proposed: Tony Jeffree   Second: Norm Finn
- For __30___Against__0____ Abstain __0___

- EC proposed: Parsons   Second: Thaler
- For____Against___Abstain____

* Motion #16	EC approves the CSD and forwards the P802.1Qci PAR to NesCom.
	– CSD: http://www.ieee802.org/1/files/public/docs2015/new-nfinn-input-gates-csd-0115-v03.pdf
	– PAR: http://www.ieee802.org/1/files/public/docs2015/new-nfinn-input-gates-par-0115-v05.pdf
Moved	Parsons
Second	Thaler
Results	11-0-0
Motion	Passes
Reference	See Item #5.024

5.025	ME	IEEE P802.1Qcj Amendment, Automatic Attachment to Provider Backbone Bridging (PBB) services, to NesCom	**Parsons**	**5**	**02:50 PM**

Parsons presented the following slides

5.025 -.1Qcj PAR – supporting info

- Bridges and Virtual Bridged LANs Amendment: Automatic Attachment to Provider Backbone Bridging (PBB) services

- PAR pre-circulated to EC as per P&P
- Comments from 802.3 & 802.11 were received and answered
- Updated PAR & CSD were posted   12

5.025 - Motion

- EC approves the CSD and forwards the P802.1Qcj PAR to NesCom.
  - CSD: http://ieee802.org/1/files/public/docs2015/new-autoattach-romascanu-csd-0315-v01.pptx
  - PAR: http://ieee802.org/1/files/public/docs2015/new-autoattach-romascanu-par-0315-v01.pdf
- WG proposed: Haddock Second: Romascanu
- For __27___Against__0___ Abstain __2___

- EC proposed: Parsons   Second: Thaler
- For____Against___Abstain____

* Motion #17	EC approves the CSD and forwards the P802.1Qcj PAR to NesCom.
	– CSD: http://ieee802.org/1/files/public/docs2015/new-autoattach-romascanu-csd-0315-v01.pptx
	– PAR: http://ieee802.org/1/files/public/docs2015/new-autoattach-romascanu-par-0315-v01.pdf
Moved	Parsons
Second	Thaler
Results	11-0-0
Motion	Passes
Reference	See Item #5.025

5.026	ME	IEEE 802.1AS/Cor2 - Timing and Synchronization for Time-Sensitive Applications in Bridged Local Area Networks - Corrigendum 2: Technical and Editorial Corrections to Sponsor Ballot	**Parsons**	5	**02:55 PM**

Parsons presented the following slides

5.026 - P802.1AS/Cor2 ballot stats

- WG Ballot closed 11th January

- Results:
  - Category   Total   Percentage
  - Yes   25   100.00%
  - No   0   0.00%
  - Abstain   8   24.24%
  - No. of Voters   55   100.00%
  - Voters responding 33   60.00%

- No outstanding "No" votes or must be satisfied comments.

15

5.026 - MOTION

- 802.1 requests EC approval to forward 802.1AS/Cor2 D2.0 to Sponsor Ballot.

- Proposed: Messenger Second: Gray
- For_26___Against_0__Abstain_0___

- EC proposed: Parsons   Second:
- For____Against___Abstain____

Note there is no CSD as this is a corrigendum

16

* Motion #18	802.1 requests EC approval to forward 802.1AS/Cor2 D2.0 to Sponsor Ballot.
Moved	Parsons
Second	Rosdahl
Results	10-0-0
Motion	Passes
Reference	See Item #5.026

5.027	ME	IEEE 802.1Qca - MAC Bridges and Virtual Bridged Local Area Networks Amendment: Path Control and Reservation to Sponsor Ballot	**Parsons**	**5**	**03:00 PM**

Parsons presented the following slides.

5.027 - P802.1Qca ballot stats

- WG Ballot closed 2nd March

- Results:
    - Category   Total   Percentage
    - Yes   24   100.00%
    - No   0   0.00%
    - Abstain   10   29.41%
    - No. of Voters   55   100.00%
    - Voters responding 34   61.81%

- No outstanding "No" votes or must be satisfied comments.
    - Out of scope editorial comments deferred to sponsor ballot [17]

5.027 - MOTION

- EC confirms the 5C:
    - http://www.ieee802.org/1/files/public/docs2012/new-p802-1Qca-draft-5c-0912-v03.pdf
- And approves to forward 802.1Qca D1.4 to Sponsor Ballot.

- WG Proposed: Haddock Second: Farkas
- For_27___Against_0__Abstain_1___

- EC proposed: Parsons   Second:
- For____Against___Abstain____

[18]

* Motion #19	EC confirms the 5C: • http://www.ieee802.org/1/files/public/docs2012/new-p802-1Qca-draft-5c-0912-v03.pdf And approves to forward 802.1Qca D1.4 to Sponsor Ballot.
Moved	Parsons
Second	Thaler
Results	12-0-0
Motion	Passes
Reference	See Item #5.027

5.028	ME	IEEE 802.1Qbv MAC Bridges and Virtual Bridged Local Area Networks Amendment: Scheduled Traffic (conditional) to Sponsor Ballot	**Parsons**	**5**	**03:05 PM**

Parsons presented the following slides.

5.028 - P802.1Qbv ballot stats

- WG Ballot recirc D2.2 closed 6th March
- Results:
  - Category   Total Percentage
  - Yes   20   90.91%
  - No   2   9.09%
  - Abstain   15   40.54%
  - No. of Voters 55   100.00%
  - Voters responding 37 67.27%
- Two outstanding "No" votes or must be satisfied comments.
  - Karl Weber (comments 6,7,8)
  - Marcel Kiessling (comments 31,32)
  - Commentors have not indicated agreement with resolutions yet
- Schedule
  - 2nd WG ballot recirc - initiate week Mar 23rd
  - Ballot resolution - May 19th interim
  - 3rd WG ballot recirc only if necessary

19

5.028 - Outstanding Comments

Karl Weber

CI 08   SC 8.6.9.2   P12   L23   # 7
Karl Weber   None entered
Comment Type   GR   Comment Status A
   State machine deals always with time but error cases resulting in timing problems are not handled
SuggestedRemedy
   Gates should be all "on" as default state and if sync is lost
Response   Response Status C
   ACCEPT IN PRINCIPLE. See comment #3

CI 08   SC 8.6.6   P7   L34   # 6
Karl Weber   None entered
Comment Type   TR   Comment Status R
   Management communication .1AB, .1AS, .1Qca etc map in which TC?
SuggestedRemedy
   We need gate operations for management services as they are modeled as specific traffic class
Response   Response Status C
   REJECT. The management traffic already should be using the existing traffic classes/queues.

CI 08   SC 8.6.8.4   P9   L42   # 8
Karl Weber   None entered
Comment Type   TR   Comment Status A
   Specific TC gate may not ensure that the complete frame can be send
SuggestedRemedy
   To ensure cut through a TC shall be allowed to complete after gate is turned off
Response   Response Status C
   ACCEPT IN PRINCIPLE. Change 8.6.8.4 to allow cases that can't be met without being able to predict the future, such as cut through and preemption. In those cases, optional per-traffic class counters are incremented if a transmission overruns the end of the gate.

Marcel Kiessling

CI 00   SC 0   Pv   L3   # 31
Marcel Kiessling   None entered
Comment Type   E   Comment Status A
   Text from the PAR: We will coordinate our work with the SAE through common membership and liaison
SuggestedRemedy
   Show/Explain what has been done to coordinate the work.
Response   Response Status C
   ACCEPT IN PRINCIPLE. We have common membership but have not issued formal liaisons. There is no need to change the document.

CI 08   SC 8.6.8.4   P10   L23   # 32
Marcel Kiessling   None entered
Comment Type   TR   Comment Status A
   Event "T79: REPEAT" in the picture. It was discussed to use an external trigger to restart the Gate control list in order to enable use-cases with non-rational ns intervals like 1/60 second. The Cycle Timer state machine (8.6.9.1) ensures that the cycle time is maintained.
SuggestedRemedy
   Remove line with T79 from the picture and use an external trigger event for the restart of the list.
Response   Response Status C
   ACCEPT.

20

5.028 - MOTION

- EC confirms the 5C:
  - http://www.ieee802.org/1/files/public/docs2012/Qbv-pannell-draft-5C-0112-v03.pdf
- And conditionally approves to forward 802.1Qbv Scheduled Traffic to Sponsor Ballot.

- WG Proposed: Messenger   Second: Jeffree
- For_33___Against_0__Abstain_0___

- EC proposed: Parsons   Second:
- For____Against___Abstain____   21

* Motion #20	EC confirms the 5C:
	• http://www.ieee802.org/1/files/public/docs2012/Qbv-pannell-draft-5C-0112-v03.pdf
	And conditionally approves to forward 802.1Qbv Scheduled Traffic to Sponsor Ballot.
Moved	Parsons
Second	Thaler
Results	12-0-0
Motion	Passes
Reference	See Item #5.028

5.029	ME	IEEE 802.1Qbz -MAC Bridges and Virtual Bridged Local Area Networks Amendment: Enhancements to Bridging of 802.11 Media (conditional) to Sponsor Ballot	**Parsons**	5	**03:10 PM**

Parsons presented the following slides.

5.029 - P802.1Qbz ballot stats

- WG Ballot D1.5 closed 5th January
- Results:
  - Category   Total   Percentage
  - Yes   12   80%
  - No   3   20%
  - Abstain   18   54%
  - No. of Voters   55   100%
  - Voters responding   33   59%
- Schedule
  - 1st WG ballot recirc - initiate week Mar 23rd
  - Ballot resolution - May 19th interim
  - 2nd WG ballot recirc only if necessary

22

5.029 - Oustanding Comments

- Three outstanding "No" votes or must be satisfied comments.
  - Jessy Rouyer – no must be satisfied comments
  - Dan Romascanu – comment 40
  - Mick Seaman – comments 5,6,7,8,10,11,12,13,14,15
  - Mark Hamilton (802.11 member) – comments 20,21,22,23,24,27,28,29
  - Commentors have indicated they are satisfied with the comment resolutions

23

5.029 - MOTION

- EC confirms the 5C:
  - http://www.ieee802.org/1/files/public/docs2012/new-p802-1Qbz-draft-5c-0912.pdf

- And conditionally approves to forward 802.1Qbz Enhancements to Bridging of 802.11 Media to Sponsor Ballot.

- WG Proposed: Messenger   Second: Finn
- For_26___Against_0__Abstain_1___

- EC proposed: Parsons   Second:
- For____Against___Abstain____

24

* Motion #21	EC confirms the 5C: • http://www.ieee802.org/1/files/public/docs2012/new-p802-1Qbz-draft-5c-0912.pdf And conditionally approves to forward 802.1Qbz Enhancements to Bridging of 802.11 Media to Sponsor Ballot.
Moved	Parsons
Second	Thaler
Results	13-0-0
Motion	Passes
Reference	See Item #5.029

5.03		**IEEE 802.3**			**03:25 PM**
5.031	ME	IEEE P802.3bz 2.5 Gb/s and 5 Gb/s Ethernet PAR to NesCom	**Law**	**5**	**03:25 PM**

Law presented the following slides

5.031 ME: New PAR: IEEE P802.3bz
2.5 Gb/s and 5 Gb/s Ethernet

IEEE P802.3bz 2.5 Gb/s and 5 Gb/s Ethernet PAR and CSD responses

Title

Standard for Ethernet Amendment: Media Access Control Parameters, Physical Layers and Management Parameters for 2.5 Gb/s and 5 Gb/s Operation

Scope of project

This amendment defines Ethernet Media Access Control (MAC) parameters, physical layer specifications, and management objects for the transfer of Ethernet format frames at 2.5 Gb/s and 5 Gb/s over balanced twisted pair transmission media used in structured cabling.

IEEE P802.3bz 2.5 Gb/s and 5 Gb/s Ethernet PAR and CSD responses

Need

There is a need for greater than 1 Gb/s Ethernet connectivity over structured twisted pair wiring to serve existing and growing needs of IEEE 802.11ac based enterprise wireless access points. Availability of 2.5 Gb/s and 5 Gb/s signaling technologies enables interconnect solutions for enterprise wireless access points to switch applications to be served over structured Cat5e or better twisted pair cabling.

Draft PAR

http://ieee802.org/3/NGEBASET/P802_3bz_PAR_Detail_110315_ver_1.pdf

Draft CSD responses

http://ieee802.org/3/NGEBASET/802d3_NGEABT_CSD_802.3_WG_approved_12-march-15.pdf

IEEE P802.3bz 2.5 Gb/s and 5 Gb/s Ethernet PAR and CSD responses

Motion

The IEEE 802 LMSC Executive Committee approves the IEEE P802.3bz CSD responses and forwards the IEEE P802.3bz PAR to NesCom

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

Working Group votes on approval of individual items:

Project Authorization Request:	Y: 65,	N: 0,	A: 16
Project process requirements:	Y: 68,	N: 0,	A: 11
Broad Market Potential criterion:	Y: 48,	N: 4,	A: 19
Compatibility criterion:	Y: 72,	N: 0,	A: 10
Distinct Identity criterion:	Y: 60,	N: 1,	A: 15
Technical Feasibility criterion:	Y: 69,	N: 0,	A: 11
Economic Feasibility criterion:	Y: 56,	N: 3,	A: 15

* Motion #22	The IEEE 802 LMSC Executive Committee approves the IEEE P802.3bz CSD responses and forwards the IEEE P802.3bz PAR to NesCom
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	See Item #5.031

5.032	ME	~~IEEE P802.3bq 25GBASE-T and 40GBASE-T PAR modification to NesCom~~	~~Law~~	~~0~~	~~03:30 PM~~
5.033	ME	IEEE P802.3bw 100BASE-T1 to Sponsor Ballot (conditional)	Law	5	03:30 PM

Law presented the following slides and showed the attached file (IEEE_802.3bw_unresolved_negative_comments.pdf).

5.033 ME: IEEE P802.3bw 100BASE-T1 to Sponsor ballot (conditional)

IEEE P802.3bw 100BASE-T1 to Sponsor ballot (conditional)

Item 1: Date the ballot closed

The 1st Working Group recirculation ballot on IEEE P802.3bw draft D1.3 closed on 4th March 2015 at 23:59 AOE

Item 2: Vote tally

	Initial Draft D1.2			1st Recirculation Draft D1.3			Req %
	#	%	Status	#	%	Status	
Abstain	35	24	PASS	37	25	PASS	< 30
Disapprove with comment	14	-	-	3	-	-	-
Disapprove w/o comment	0	-	-	0	-	-	-
Approve	97	87	PASS	109	97	PASS	≥ 75
Ballots returned	146	55	PASS	149	56	PASS	> 50
Voters	266	-	-	266	-	-	-
Comments	650*	-	-	86	-	-	-

* Count includes 7 comments received after ballot closed that Task Force decide to consider

IEEE P802.3bw 100BASE-T1 to Sponsor ballot (conditional)

Item 3: Comments that support the remaining disapprove votes and WG responses

- 7 unresolved negative comments from 3 commenters
- See attached file 'IEEE_802.3bw_unresolved_negative_comments.pdf'

Item 4: Recirculation ballot and resolution meeting schedule

- 2nd Working Group recirculation ballot open date 18th March 2015
- 2nd Working Group recirculation ballot close date 1st April 2015
- IEEE P802.3bw Interim meeting date 9th April 2015
- 3rd Working Group recirculation ballot open date 12th April 2015
- 3rd Working Group recirculation ballot close date 26th April 2015
- IEEE P802.3bw interim meeting week of 18th May 2015

Note: 3rd Working Group recirculation ballot only if required

IEEE P802.3bw 100BASE-T1 to Sponsor ballot (conditional)

Motion

The IEEE 802 LMSC Executive Committee confirms the IEEE 802.3bw 100BASE-T1 CSD available at the URL <http://ieee802.org/3/bw/public/20140528_CSD_IEEE802_3bw.pdf> and grants conditional approval to forward IEEE P802.3bw to Sponsor ballot

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

Working Group vote
Y: 91, N: 0, A: 12

* Motion #23	The IEEE 802 LMSC Executive Committee confirms the IEEE 802.3bw 100BASE-T1 CSD available at the URL http://ieee802.org/3/bw/public/20140528_CSD_IEEE802_3bw.pdf and grants conditional approval to forward IEEE P802.3bw to Sponsor ballot
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	See Item #5.033

	**	Break		10	03:00 PM

Break at 3:00pm

Reconvened at 3:10pm

| 5.034 | ME | IEEE P802.3 (IEEE 802.3bx) Maintenance #11 to Sponsor Ballot | **Law** | **5** | **03:35 PM** |

Law showed the following slides and showed the attached file (IEEE_802.3bx_unresolved_negative_comments.pdf).

5.034 ME: IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) to Sponsor ballot

IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) to Sponsor ballot

Item 1: Date the ballot closed

The 1st Working Group recirculation ballot on IEEE P802.3 (IEEE 802.3bx) draft D2.1 closed on 21st February 2015 at 23:59 AOE

Item 2: Vote tally

	Initial Draft D1.2			1st Recirculation Draft D1.3			Req %
	#	%	Status	#	%	Status	
Abstain	32	20	PASS	33	20	PASS	< 30
Disapprove with comment	7	-	-	2	-	-	-
Disapprove w/o comment	0	-	-	0	-	-	-
Approve	121	94	PASS	129	98	PASS	≥ 75
Ballots returned	160	59	PASS	164	61	PASS	> 50
Voters	267	-	-	267	-	-	-
Comments	85*	-	-	3	-	-	-

* Count includes 7 comments received after ballot closed that the Task Force decide to consider

IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) to Sponsor ballot

Comments that support the remaining disapprove votes and WG responses
4 unresolved negative comments from 2 commenters
See attached file 'IEEE_802.3bx_unresolved_negative_comments.pdf'

IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) to Sponsor ballot

Motion

The IEEE 802 LMSC Executive Committee grants approval to forward IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) to Sponsor ballot

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

Working Group vote
Y: 106, N: 0, A: 5

* Motion #24	The IEEE 802 LMSC Executive Committee grants approval to forward IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) to Sponsor ballot
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	See Item #5.034

Time: Approximately 3:30pm

* Motion #25	Move to raise from the Table Motion #12. reference Item# 7.071
Moved	Chair
Second	
Results	
Motion	No objections
Reference	See Item #5.033

7.071	ME	Liaision DSRC Report to FCC (Doc #18-15-0015-02-0000)	**Lynch**	**15**	**02:12 PM**

* Motion #12	Move to approve document 18-15/0016r1 providing a view of the work done in the IEEE802.11DSRC Tiger Team with the cover letter as contained in Document 18-15/0018r1 and submit it to the FCC. The Chair of 802 is authorized to make editorial changes as necessary.
Moved	Lynch
Second	Mody
Results	
Motion	Directed to Email Ballot by Chair
Reference	See Item #7.071

Challenges regarding the accuracy of the documents referened in the revised motion continues. Shellhammer wished to amend the motion. Confusion continues, the 802 Chair directs the Lynch to conduct an EC email ballot on the item with accurate background information. Upon reflection the Chair gives the instruction the EC ballot be conducted, if it fails, then Shellhammer may request the conduct of another EC email ballot to (hopefully) reach consensus.

5.04		**IEEE 802.11**			**03:40 PM**
5.041	ME	IEEE P802.11ay Next Generation 60 GHz PAR to NesCom	**Stephens**	**5**	**03:40 PM**

Stephens presented the following slides.

Next Generation 60 GHz to NesCom Motion

- **Approve sending the PAR in the PAR document cited below for P802.11ay to NesCom**
- **And confirm the PAR and 5C cited below**
    - PAR document: https://mentor.ieee.org/802.11/dcn/14/11-14-1151-08-ng60-ng60-proposed-par.docx
    - 5C document: https://mentor.ieee.org/802.11/dcn/14/11-14-1152-08-ng60-ng60-proposed-csd.docx
    - In the WG: PAR approval motion: 119-0-6; 5C approval motion 116-0-7:
- **Moved: Adrian Stephens**
- **Seconded: Jon Rosdahl**
- **Result:**

Submission   Slide 20   Dorothy Stanley, Aruba Networks

NG60 PAR Scope

- **Supporting a maximum throughput of at least 20 Gbps**
  - Throughput is measured at the MAC data service access point
  - Expected to provide improvements of over 3 times

- **Maintaining or improving the power efficiency per station**

- **Indoor and outdoor operations in license-exempt bands above 45 GHz**

- **Enabling backward compatibility and coexistence with legacy directional multi-gigabit devices (defined by IEEE 802.11ad-2012 amendment) operating in the same band**

Need for the Project

- **Increasing demand for capacity and new applications are driving the desire to enhance throughput of 802.11ad to support these needs**
  - Enterprise, residential, operator hotspots, public scenarios
  - Video traffic is expected to be the dominant type of traffic in WLAN deployments, e.g., media appliances are moving to UHD content, driving a ten fold increase in storage capacity and bandwidth requirements
  - Lot of industry interest in fronthaul and backhaul communication using 60 GHz

- **Better support of real-time applications**
  - WLAN users demand improved performance (including throughput and power efficiency) in delivering their real-time applications
  - Operators expect sufficient user experience to offload traffic on WLAN

Usage environments

- **Environments discussed in the study group include:**
    - Crowded public spaces, e.g., airports, shopping mall, train stations
    - Enterprise and small offices
    - Data center
    - Home
    - Outdoor hotspots

New and enhanced applications

- **Applications discussed in the study group include:**
    - Augmented reality and virtual reality
    - Close-reality and interactive gaming
    - Indoor backhaul with multi-hops (e.g., in data centers)
    - Mass data distribution/video on demand systems in public spaces
    - Mobile fronthauling
    - Mobile offloading
    - Video distribution and streaming at home (e.g., 3D UHD, 8K UHD)
    - Wireless backhauling

Technical Feasibility

- **The principle of scaling the IEEE 802.11 PHY and MACs to higher throughput is well established by previous amendments, such as IEEE 802.11ac-2014 and IEEE 802.11ad-2012**

- **NG60 builds on the broad knowledge base and system design experience of IEEE 802.11ad devices.**
  - For example, NG60 will consider MIMO and channel bonding that not only significantly improve throughput, but also allow reuse of technologies and testing being used in the previous amendments.

Distinct Identify and Compatibility

- **NG60 is different from other IEEE 802 wireless standards/projects in that it is specific for 802.11 WLANs and aims to provide data rates in excess of 20 gigabits per second for point-to-point and point-to-multipoint indoor and outdoor usages for license-exempt bands above 45 GHz.**

- **NG60 will ensure coexistence and backwards compatibility with IEEE 802.11ad, thus creating a solution compatible with existing IEEE 802.11 deployments.**

- **Coexistence with other systems for license-exempt bands above 45 GHz will be evaluated and documented in Coexistence Assurance document.**

* Motion #26	• Approve sending the PAR in the PAR document cited below for P802.11ay to NesCom
	• And confirm the PAR and 5C cited below
	    o PAR document: https://mentor.ieee.org/802.11/dcn/14/11-14-1151-08-ng60-ng60-proposed-par.docx
	    o 5C document: https://mentor.ieee.org/802.11/dcn/14/11-14-1152-08-ng60-ng60-proposed-csd.docx
	    o In the WG: PAR approval motion: 119-0-6; 5C approval motion 116-0-7:

Moved	Stephens
Second	Rosdahl
Results	12-0-0
Motion	passes
Reference	See Item #5.041

5.042	ME	4. IEEE 802.11 P802.11REVmc (revision) to Sponsor Ballot	**Stephens**	5	**03:30 PM**

Stephens showed the following slide.

REVmc Conditional Approval Motion

- **As defined in IEEE LMSC Operations Manual (7 Nov 2014), clause 12, conditionally approve sending IEEE P802.11 (REVmc) to IEEE-SA NesCom.**
- **Moved: Adrian Stephens**
- **Seconded: Jon Rosdahl**
- **Result:**

- **In the WG: Moved: Dorothy Stanley, Seconded: Jon Rosdahl. Result: 61-0-0 Passes**
- **See https://mentor.ieee.org/802.11/dcn/15/11-15-0287-06-000m-p802-11revmc-report-to-ec-on-conditional-approval-to-go-to-sponsor-ballot.pptx**

Submission   Slide 27   Dorothy Stanley, Aruba Networks

Supporting material – see attached file – 11-15-0287-06-000m-p802-11revmc-report-to-ec-on-conditional-approval-to-go-to-sponsor-ballot.pdf

* Motion #27	As defined in IEEE LMSC Operations Manual (7 Nov 2014), Clause 12, conditionally approve sending IEEE P802.11 (REVmc) to IEEE-SA Sponsor Ballot
Moved	Stephens
Second	Rosdahl
Results	13-0-0
Motion	passes
Reference	See Item #5.042

| 5.043 | MI | Motion - Delegate resolution of the P802.11REVmc sponsor ballot comments to the 802.11 WG chair. | **Stephens** | 5 | **03:50 PM** |

Stephens presented the following slide 28

BRC Delegation Motion

- **Delegate resolution of the P802.11 (REVmc) sponsor ballot comments to the 802.11 WG chair.**
- **Moved: Adrian Stephens**
- **Seconded: Jon Rosdahl**

Submission   Slide 28   Dorothy Stanley, Aruba Networks

* Motion #28	Delegate resolution of the P802.11 (REVmc) sponsor ballot comments to the 802.11 WG Chair.
Moved	Stephens
Second	Rosdahl
Results	12-0-0
Motion	Passes
Reference	See Item #5.043

5.05	ME	IEEE 802.15			03:55 PM
5.051	ME	IEEE P802.15.4q to Sponsor Ballot (conditional)	**Heile**	**5**	03:55 PM

Heile presented following slides.

Conditional Approval to forward 802.15.4q (Ultra Low Power) to Sponsor Ballot

Conditional Approval to forward 802.15.4q (Ultra Low Power) to Sponsor Ballot

Initial Ballot closed 17 October 2014
- Vote results (pool of 102 voters)
  - 86 responses (84.3 response ratio)
  - 75 yes, 12 no (85.31 approval ratio)
  - 6 abstain (6.98% abstain ratio)

301 total comments received, 195 "Must Be Satisfied" (62 accepted, 62 rejected, 71 revised**)**

https://mentor.ieee.org/802.15/dcn/14/15-14-0644-03-004q-p802-15-4q-comment-entry-form.xlsx

Conditional Approval to forward 802.15.4q (Ultra Low Power) to Sponsor Ballot

Recirculation Ballot 1 -closed 10 January, 2015

- Vote results (pool of 102 voters)
  - 91 responses (89.22% response ratio)
  - 72 yes, 13 no (84.71% approval ratio)
  - 6 abstain (6.59% abstain ratio)

120 total comments received, 104 "Must Be Satisfied" (48 accepted, 34 rejected, 22 revised)

https://mentor.ieee.org/802.15/dcn/15/15-15-0039-05-004q-p802-15-4q-lb100-comment-entry-form-combined.xlsx

Conditional Approval to forward 802.15.4q (Ultra Low Power) to Sponsor Ballot

Recirculation Ballot 2 closed 5 March, 2015

- Vote results (pool of 102 voters)
  - 94 responses (92.16% response ratio)
  - 77 yes, 11 no (87.5% approval ratio)
  - 6 abstain (6.38% abstain ratio)

216 total comments received, 171 "Must Be Satisfied" (107 accepted, 1 rejected, 13 revised, 50 pending)

Based on the resolutions to date, we have one NO voter representing 83 comments who is willing to vote YES. That will bring us to 88 must be satisfieds, 1 reject,13 revised, and 50 pending (of which we anticipate ~40 to be accepted or revised)

https://mentor.ieee.org/802.15/dcn/15/15-15-0194-00-004q-lb101-comment-entry-form-combined.xlsx

Conditional Approval to forward 802.15.4q (Ultra Low Power) to Sponsor Ballot

Next Steps:

- The expected remaining unsatisfied comments supporting no votes are expect to fall into a small number (4-5) similar categories
- Would like to request approval via EC ballot once we have achieved unconditional approval status
- Expect this to be by the Vancouver Interim this May

Heile informed the chair that he would not be requesting conditional approval, as some comments are still being resolved. He did note that he would like to request approval via EC ballot once unconditional approval status has been achieved. He thought this would be by the Vancouver Interim in May 2016.

5.052	ME	IEEE P802.15.4 Revision to Sponsor Ballot (conditional)	**Heile**	**5**	**04:00 PM**

Heile presented the following slides.

802.15.4 Revision

Revision PAR approved by EC 19 July 2013

- PAR submitted under the 48 hour rule, no CSD
- PAR need was to roll up the 5 completed 15.4 amendments and correct known errors
- PAR approved by NesCom on 21 October 2013

Revision draft (DF5)

- 7 approved 15.4 amendments were rolled into the draft
- Numerous errors were corrected

802.15.4 Revision Letter Ballot History

Initial Letter Ballot closed 14 July 2014

- Vote Results (pool of 121 voters)
    - 86 Responses (71%)
    - 65 Yes, 17 no (79% approval ratio)
    - 4 Abstain (5%)
    - Ballot passes

- 863 comments from 24 commenters
    - 461 Must Be Satisfied (175 accepted, 82 rejected, 148 revised)

802.15.4 Revision Ballot History (cont'd)

Recirc-1 closed 4 November 2014

- Final cumulative vote results (pool of 121 voters)
    - 86 Responses (71% response ratio)
    - 69 Yes, 13 no (84% approval ratio)
    - 4 Abstain (4% abstain ratio)
    - Ballot passes

- 224 comments from 13 commenters
    - 128 Must Be Satisfied (33 accepted, 27 rejected, 68 revised)

15.4 Revision Comment from Editorial Coordination Staff

- MEC requested
- No response yet

All Comments Supporting No Votes

- 383 "Must Be Satisfied" comments from 13 negative voters
  - 288 "Must Be Satisfied" comments that were accepted or revised
  - 95 "Must Be Satisfied" comments that were rejected
- 9 "no" voters sent emails to SC maintenance chair changing their votes to "yes", one "no" voter changed to abstain, resulting in a 95% approval with 3 remaining "no" votes (2 responding, 1 non-responsive)
  - 11 "Must Be Satisfied" comments that were accepted or revised
  - 18 "Must Be Satisfied" comments that were rejected
- Comment Resolution Spreadsheet:
  - 15-14-0423-43-p802-15-4rev-consolidated-comment-entry-form

Comments supporting "no" votes (29)

"Must Be Satisfied" Comment Summary:

- 9 comments on "Extended frame formatting"
  - Frame extension for TIA was added but not as per commenter request
- 10 comments on IE descriptor order, i.e. TLV vs. LTV
  - IE format held to LTV to maintain backward compatibility
- 2 comments made concerning security, order of steps and inclusion of state diagrams
  - both proposed changes were done

Comments supporting "no" votes (29) (cont'd)

"Must Be Satisfied" Comment Summary:

- 5 comments on DSME
  - Commenter believes not correctly specified
  - 3 comments rejected due to technical disagreement and 2 were revised to mitigate the comment
- 1 comment on TRLE
  - Commenter believes not appropriate for standard
  - Rejected, TRLE enhances LECIM operation
- 1 comment on generic PHY
  - Commenter believes not appropriate for standard
  - Rejected, generic PHY serves the utility meter market
- 1 comment on NACK
  - Commenter believes not correctly specified
  - Rejected, buffer information could be helpful to origination node

802.15.4 Revision Schedule for ballot and meetings

- 2rd recirculation
  - 14 March 2015 to 29 March 2015
- BRC comment resolution teleconference
  - 30 March, 1 April, 6 April, 2015
- 3rd recirculation (if necessary)
  - 7 April to 22 April 2015
- BRC comment resolution teleconference
  - 27 April, 2015 (if necessary)

Submission   Slide 18   Bob Heile, ZigBee Alliance

802.15.4 Revision EC motion

Move 802.15 requests conditional approval from the EC to submit 802.15.4 revision draft to Sponsor Ballot pending recirculation
(WG vote 32-0-0)

- Moved: Heile, Seconded: Gilb
- Yes: , No: , Abstain:

Submission   Slide 19   Bob Heile, ZigBee Alliance

* Motion #29	Move 802.15 requests conditional approval from the EC to submit 802.15.4 revision draft to Sponsor Ballot pending recirculaiton
Moved	Heile
Second	Gilb
Results	13-0-0
Motion	[passes
Reference	See Item #5.052

5.053	ME	IEEE P802.15.3e High-rate close proximity point-to-point communications PAR to NesCom	**Heile**	**5**	**04:05 PM**

Heile presented the following slides.

802.15.3e PAR to NesCom
Comments and Resolutions

15 Comments Received:

* **7 from 802.3- most significant related to 15.3 Revision Plan**
* **8 from 802.11**

Comments and Responses can be found in:

https://mentor.ieee.org/802.15/dcn/15/15-15-0229-03-003e-par-csd-comments-resolutions.docx

Submission   Slide 21   Bob Heile, ZigBee Alliance

802.15.3e PAR to NesCom
11ay Comparison

History: 802.15.3 and 802.15.3c (60GHz High Rate PHY) preceded 802.11ad and 802.11ay. 802.15.3e builds on 802.15.3 and 802.15.3c to support a new class of applications in the 802.15.3 family.

Differences wrt 11ay:

* 15.3e has a very focused scope (high data rate closed-proximity applications) whereas the scope of 11ay is much broader. The focused approach yields in a much less complex solution optimized to the needs of this specific class of applications.
* Also, the speeds, use cases, connection model, and spatial density model are completely orthogonal.

Speeds: 11ay = 20 Gbps,
              15.3e = 100 Gbps

Use cases: 11ay = higher throughput wireless LAN, cellular offload, wireless docking, wireless display and outdoor/indoor wireless backhaul
              15.3e = rapid large multimedia data downloads and file exchanges between two close proximity devices, i.e. mobile devices, stationary devices (kiosks, ticket gates, etc.), and other wirelessly enabled data storage devices

Connection model: 11ay = fixed, portable, and moving stations (STAs) within a local area
              15.3e = close proximity (typically 10cm or less), fast setup (2ms or less), and point-to-point.

Spatial Density: 15.3e proposes to achieve spatial density without beam forming, consistent with the lower complexity theme.

In short, these are very different standards which happen to be using the same unlicensed spectrum. It boils down to the need for a point to point link that is stripped of CSMA, beacons, or anything else to eliminate wasted time. 802.11 can have a high data rate but it has requirements for association times, CSMA delays, beacons overhead, etc which disallow its use for this class of application.

Submission   Slide 22   Bob Heile, ZigBee Alliance

Motion to Approve 15.3e PAR and CSD

Move that 802EC approve the 15.3e PAR ([802.15/dcn/14/15-14-0715-05](#)) as modified by [802.15/dcn/15/15-15-0229-03](#) and CSD ([802.15/dcn/14/15-14-0716-07](#)) and authorize the 802.15 Working Group to forward the PAR to NesCom for approval.

(WG vote: 29-0-0)

Moved: Bob Heile

Second: James Gilb

* Motion #30	Move that 802EC approve the 15.3e PAR (802.15/dcn/14/15-14-0715-05) as modified by 802.15/dcn/15/15-15-0229-03 and CSD (802.15/dcn/14/15-14-0716-07) and authorize the 802.15 Working Group to forward the PAR to NesCom for approval.
Moved	Heile
Second	Gilb
Results	12-0-0
Motion	Passes
Reference	See Item #5.053

5.06	ME	IEEE 802.16			04:10 PM
5.061	ME	Withdrawal of IEEE P802.16r (Small Cell Backhaul) to NesCom https://mentor.ieee.org/802.16/dcn/15/16-15-0013.pdf	Marks	5	04:10 PM

Marks showed slides from attached file – 16-15-0013.pdf

* Motion #31	To withdraw the P802.16r PAR
Moved	Marks
Second	Rosdahl
Results	13-0-0
Motion	Motion Passes
Reference	See Item #5.061

5.07	ME	~~IEEE 802.18~~	~~Lynch~~	-	~~04:15 PM~~
5.08	ME	~~IEEE 802.19~~	~~Shellhammer~~	-	~~04:15 PM~~
5.09	ME	**IEEE 802.21**			**04:15 PM**
5.091	ME	IEEE 802.21d to RevCom	**Das**	5	**04:15 PM**

Das showed slides from attachment, 21-15-00-0036-March-Plenary-EC-Package.pdf

* Motion #32	Approve the CSD for IEEE 802.21d in document number DCN: 21-12-0017-01-0000-group-management-5c.pdf
Moved	Das
Second	Shellhammer
Results	12-0-0
Motion	Passes
Reference	See Item #5.091

* Motion #33	IEEE 802 Executive Committee authorizes to forward P802.21d/D8 to IEEE SA RevCom.
Moved	Das
Second	Shellhammer
Results	13-0-0
Motion	Passes
Reference	See Item #5.091

5.10	ME	~~IEEE 802.22~~	~~Mody~~	-	~~04:05 PM~~
6.00		**Executive Committee Study Groups, Working Groups, TAGs**			**04:20 PM**
6.01		**IEEE 802.24**			**04:20 PM**
6.011	MI	Creation of IEEE 802.24.2 IoT Task Group 10 min Document 24-15-0010-01 (response to comments) Document 24-15-0003-01 (IoT Task Group scope) Document 24-15-0012-00 (motion)	**Gilb**	4	**04:20 PM**

Gilb showed all slides from the following document -

- 24-15-0010-00-IoTg-response-to-scope-comments.pdf

Gilb showed the following slides –

802.24.2 IoT Task Group Formation

802.24 Vertical Applications TAG   James Gilb (Pulselink)

Background

- 802.24 has been hosting meetings for IoT cross 802 WG interest since March 2014.

- In July, the Executive Committee adopted rules for creating Task Groups in 802.24.
  - Currently, there is one 802.24 Task Group, 802.24.1 Smart Grid Task Group

- We now seek to create a new Task Group, IEEE 802.24.2 IoT Task Group

- Response to comment period in in 24-15-0010-01

802.24 Vertical Applications TAG

James Gilb (Pulselink)

New TG process (1)

- An individual(s) requests time for a presentation (the best is a tutorial slot) that describes the new application category. The presentation should be:
  - Application focused
  - Supported by multiple members and multiple companies
- If the response from the presentation is favorable, the individual(s) requests that the IEEE 802.24 TAG form a subgroup to write a proposed TG scope document for that application category (the current form is 24-14-0014-01). Approval for forming a subgroup is a majority vote. The IEEE 802.24 TAG Chair will inform the Sponsor of the formation of the group.
- When the subgroup has achieved consensus, the Chair of the subgroup will make a motion to approve the proposed TG scope document in the IEEE 802.24 TAG. Approval requires a 75% majority vote according to the IEEE 802 LMSC Policies and Procedures.
- The IEEE 802.24 TAG Chair submits the proposed TG scope document to all IEEE 802 WGs for review following the review and comment process in the "Plenary review" subclause of IEEE 802 LMSC Operations Manual. Note that a PAR is not being created.

New TG process (2)

- The 802.24 subgroup gets a motion in a minimum of 2 IEEE 802 WGs (not TAGs) that expresses support for adding this application category. The WGs that approve the motion may identify specific topics of that application category that are relevant to that WG.

- The 802.24 chair brings a motion to the EC to approve adding the area to IEEE 802.24.

- If the EC approves the formation of the TG, the TG may begin operation immediately.

- The IEEE 802.24 TAG may request that the EC rescind the scope of a TG, thereby dissolving the TG.

802.24 Vertical Applications TAG

James Gilb (Pulselink)

802.3 Motion

- MOTION #2

- Moved: IEEE 802.3 working group supports the formation of the IEEE 802.24.2 IoT Task Group with the scope contained in document 24-15-0003-01.docx*

- *https://mentor.ieee.org/802.24/documents

- M: C. DiMinico   S: J. D'Ambrosia

- Technical (≥75%)

- Y: 109, N: 0, A: 18

802.15 support for Smart Grid TG

- Moved: IEEE 802.15 WG supports the formation of IEEE 802.24 IoT Task Group with the proposed TG scope defined in 24-15-0003-01-0000 or current version.

- Moved: Alfvin
- Seconded: Gilb
- Vote: 32/0/0 y/n/a

802.24 Vertical Applications TAG   James Gilb (Pulselink)

802.21 Motion

- Moved: IEEE 802.21 working group supports the formation of the IEEE 802.24.2 IoT Task Group with the scope contained in document 24-15-0003-0.docx*

- Moved: Yoshihiro Ohba
- Seconded: Lily Chen
- Vote: Y: 4 N: A: 1
- Motion Passes:
- *https://mentor.ieee.org/802.24/documents

802.22 Motion

- Motion- 802.22 Approves the 802.24.2 IoT Task Group*
- Move that the 802.22 working group supports the formation of the IEEE 802.24.2 IoT Task Group with the Scope contained in Document: 24-15-0003-01.docx
- <
  https://mentor.ieee.org/802.24/dcn/15/24-15-0003-01-0000-iot-scope-form.docx
  >

- Move: Dr. Chang-woo Pyo
- Second: Dr. Gabriel Villardi

- For: 5, Against: 0, Abstain: 0
- *Motion Passes*.

Motion in 802.24

- Request that the IEEE 802 EC approve the formation of the IEEE 802.24.2 IoT Task Group with the scope contained in document 24-15-0003-01. The 802.24 TAG Chair is authorized to make additional modifications to the scope as needed to reflect EC discussion at its closing meeting.
  - Moved: Steve Pope, Seconded: Chris DiMinico
  - 9/0/1 (y/n/a) (22 people in the room)

E C Motion

- Moved: The IEEE 802 EC approves the formation of the IoT Task Group in IEEE 802.24 with the scope given in document 24-15-0003-01.

- Moved: Gilb
- Seconded: Law

Outgoing -24 Chair was chastised by the 802 EC and Chair for pulling up the wrong document.

* Motion #34	The IEEE 802 EC approves the formation of the IoT Task Group in IEEE 802.24 with the scope given in document 24-15-0003-1
Moved	Gilb
Second	Law
Results	13-0-0
Motion	Passes
Reference	See Item #6.011

6.02	MI	IEEE 802 Privacy Recommendations EC Study Group (2nd Extension)	Zuniga	4	04:24 PM

Parsons noted that members of the 802.1 Security group will participate in this study group and anticipated that this would be worked on 802.1 after PAR approved

* Motion #35	To approve the extension of the Privacy Recommendation EC SG until the end of the July 2015 meeting
Moved	Parsons
Second	Stephens
Results	12-0-0
Motion	Passes
Reference	See Item #6.02

6.03		IEEE 802.1			04:28 PM
6.031	MI*	IEEE 802.1 Local MAC Address (1st Extension)	Parsons	0	04:28 PM

Approved with approval of agenda.

6.04		IEEE 802.3			04:28 PM
6.041	MI*	IEEE 802.3 Next Generation Enterprise Access BASE-T PHY Study Group (1st Extension)	Law	0	04:28 PM
6.042	MI*	IEEE 802.3 25GBASE-T Study Group (1st Extension)	Law	0	04:28 PM

Approved with approval of agenda

6.05		IEEE 802.11			04:28 PM
6.051	MI*	IEEE 802.11 1. Next Generation Positioning Study Group (1st Extension)	Stephens	0	04:28 PM

Approved with approval of agenda.

6.052	MI	IEEE 802.112. Next Generation 60 GHz Study Group (2nd extension)	Stephens	4	04:13 PM

Stephens presented the following slides.

NG60 Study Group Extension (2nd extension)

- **Extend the 802.11 Next Generation 60 GHz (NG60) study group**

- **Moved: Adrian Stephens**
- **Seconded: Jon Rosdahl**
- **Result:**

- **WG result: Moved: Edward Au, Second: Stephen McCann, Result: 59-0-1 Passes**

NG60 SG Progress Summary

- **Interest continues to be high in the Study Group**
  - An average of 3 meeting slots assigned every F2F meeting
  - Average attendance per time slot is in the neighborhood of 70
- **Completed**
  - PAR and CSD approved by the Working Group in January 2015
  - The documents are now under review by 802 EC and NesCom
- **In Progress**
  - Discussions related to usage scenarios and channel modeling
  - Several submissions addressed specific technologies to enhance performance relative to previous IEEE 802.11ad-2012 amendment
- **Justification for SG Extension**
  - In case extra time is necessary to respond to comments from 802 EC and NesCom

* Motion #36		Extend the 802.11 Next Generation 60 GHz (NG60_ study group			
Moved		Stephens			
Second		Rosdahl			
Results		12-0-0			
Motion		passes			
Reference		See Item #6.052			

6.06		**IEEE 802.15**			**04:17 PM**
6.061	MI*	IEEE 802.15 HRCP (high rate close proximity) Study Group (1st Extension)	**Heile**	**0**	**04:17 PM**

Approved with approval of agenda.

6.062	MI	IEEE 802.15.4 Study Group formation	Heile	0	04:32 PM
6.07	MI	IEEE 802.16	Marks	-	04:32 PM
6.08	MI	IEEE 802.18	Lynch	-	04:32 PM
6.09		**IEEE 802.19**			04:32 PM
6.091	MI*	IEEE 802.19 Coexistence in Unlicensed Bands Study Group (1st Extension)	**Shellhammer**	**0**	**04:32 PM**

Approved with approval of agenda

No objections to moving 7.081 and 7.082 ahead of others for consideration

Time 4:47pm

7.08	ME	IEEE 802.19			04:59 PM
7.081	ME	Liaision letter to 3GPP - LAA LBT Categories (Doc #19-15-0026-02-000)	**Shellhammer**	4	04:59 PM

Shellhammer showed proposed document, 3GPP March 2015 Liaison #1 – see attachment - 3GPP March 2015 Liaison #1.pdf

Shellhammer showed the following slide –

Motion #2

- Move to approve the liaison to 3GPP in document "3GPP March 2015 Liaison #1" and give editorial license to the 802 chair
- Move: Steve Shellhammer
- Second:
- Vote:

Vote in 802.19 meeting: 30/0/7

Since this is a liaison to an external body it requires a 2/3 approval rate, as per section 8.1.1 of the operations manual.

Thaler received feedback that the Chair of the RAN1 should be moved from the CC line to the TO line.

Attached document was updated to reflect to this.

It was expressed that when more than one letter is being sent to a group, consideration should be given to combining into a single document.

* Motion #37	Move to approve the liaison to 3GPP in document "3GPP March 2015 Liaison #1" and give editorial license to the 802 chair
Moved	Shellhammer
Second	Stephens
Results	13-0-0
Motion	passes
Reference	See Item #7.081

| 7.082 | ME | Liaision letter to 3GPP - LAA (Doc #19-15-0024-04-000) | **Shellhammer** | **4** | **05:03 PM** |

Shellhammer showed proposed document, 3GPP March 2015 Liaison #2 – see attachment – 3GPP March 2015 Liaison #2.pdf

Shellhammer showed the following slide –

Motion #3

- Move to approve the liaison to 3GPP in document "3GPP March 2015 Liaison #2" and give editorial license to the 802 chair
- Move: Steve Shellhammer
- Second:
- Vote:

Vote in 802.19 meeting: 31/1/3

Since this is a liaison to an external body it requires a 2/3 approval rate, as per section 8.1.1 of the operations manual.

* Motion #38	Move to approve the liaison to 3GPP in document "3GPP March 2015 Liaison #2" and give editorial license to the 802 chair
Moved	Shellhammer
Second	Stephens
Results	13-0-0
Motion	passes
Reference	See Item #7.082

6.10	MI	IEEE 802.21				Das	-	04:32 PM
6.11	MI	IEEE 802.22				Mody	-	04:32 PM
								04:32 PM
7.00		LMSC Liaisons and External Interface						04:32 PM
7.01		IEEE 802.24						04:32 PM
7.011	ME	Approve liaison with IEEE P2413 5 min Document 24-14-0040-06 (liaison letter) Document 24-15-0012-00 (motion)				Gilb	5	04:32 PM

Gilb presented the following proposed liaison response. See attachment - 24-14-0040-04-0000-Liaison-response-to-P2413.pdf. The following slide was presented.

March 2015   24-15-0012-00-0000

Liaison to P2413

- Motion: IEEE 802 Executive Committee approves the liaison letter, document 24-14-0040-06, for IEEE P2413.

- Moved: Gilb
- Second: D'Ambrosia

802.24 Vertical Applications TAG   James Gilb (Pulselink)

* Motion #39	IEEE 802 Executive Committee approves the liaison letter, document 24-14-0040-06, for IEEE P2413
Moved	Gilb
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	See Item #7.011

7.02	ME	**IEEE 802.1**			04:22 PM
7.021	ME	IEEE Std 802.1AX-2014 to SC6 for ballot under PSDO	**Parsons**		04:22 PM
7.022	ME	IEEE Std 802.1BA-2011 to SC6 for information under PSDO	**Parsons**		04:26 PM
7.023	ME	IEEE Std 802.1BR-2012 to SC6 for information under PSDO	**Parsons**	**4**	04:26 PM
7.024	ME	Responses to SC6 comments on FDIS ballots of 802.1AEbn and 802.1AEbw	**Parsons**		04:26 PM

7.021 - MOTION

- EC approves to forward Std 802.1AX-2014 to ISO/IEC JTC1 SC6, for ballot under the PSDO agreement.

- WG proposed: Messenger Second: Gray
- For_27___Against_0__Abstain__0__

- EC proposed: Parsons   Second: Thaler
- For____Against___Abstain____

* Motion #40	EC approves to forward Std 802.1AX-2014 to ISO/IEC JTC1 SC6, for ballot under the PSDO agreement.
Moved	Parsons
Second	Thaler
Results	12-0-0
Motion	Passes
Reference	See Item #7.021

7.022 - MOTION

- EC approves to forward Std 802.1BA-2011 to ISO/IEC JTC1 SC6, for information under the PSDO agreement.

- WG proposed: Messenger Second: Gray
- For_27___Against_0__Abstain__0__

- EC proposed: Parsons   Second: Thaler
- For____Against___Abstain____

* Motion #41	EC approves to forward Std 802.1BA-2011 to ISO/IEC JTC1 SC6, for information under the PSDO agreement.
Moved	Parsons
Second	Thaler
Results	The Chair asked if there was any more discussion. Hearing none, the Chair asked if there were any objections to approving the motion. Hearing none, the motion passed with unanimous consent.
Motion	Motion Passes
Reference	See Item #7.022

7.023 - MOTION

- EC approves to forward Std 802.1BR-2012 to ISO/IEC JTC1 SC6, for information under the PSDO agreement.

- WG proposed: Messenger Second: Gray
- For_26___Against_0__Abstain__0__

- EC proposed: Parsons   Second: Thaler
- For____Against___Abstain____

* Motion #42	EC approves to forward Std 802.1BR-2012 to ISO/IEC JTC1 SC6, for information under the PSDO agreement.
Moved	Parsons
Second	Thaler
Results	The Chair asked if there was any more discussion. Hearing none, the Chair asked if there were any objections to approving the motion. Hearing none, the motion passed with unanimous consent.
Motion	Passes
Reference	See Item #7.023

7.024 - MOTION

- EC approves to forward the comment responses contained on slides 8 and 9 of http://www.ieee802.org/1/files/public/docs2015/liaison-randall-SC6response-AEbnAEbw-0315-v01.pptx to JTC1 SC6, under the PSDO agreement. These are responses to the comments received on recent FDIS ballots of 802.1AEbn and 802.1AEbw.

- WG Proposed: Messenger Second: Gray
- For__25__Against__0_Abstain__1__
- Approved

- EC proposed: Parsons   Second:
- For____Against___Abstain____

33

7.024 - comments

The SC will consider a proposed response to China NB comment on 802.1AEbn-2011

Proposed response to China NB comment on 802.1AEbn-2011

- *IEEE thanks the China NB for its comment on the 802.1AE/FDAmd 1 ballot.*
- *However, this amendment is based on IEEE 802.1AE, MAC Security, and not IEEE 802.1X, Port Based Network Access Control as asserted in the China NB's comment.*
- *The purpose for this amendment is to specify and support optional use of an additional cipher suite: AES-256 for MAC Security using GCM (Galois Counter Mode).*

Submission   Slide 8

Mar 2015

The SC will consider a proposed response to China NB comment on 802.1AEbw-2013

Proposed response to China NB comment on 802.1AEbw-2013

- *IEEE thanks the China NB for its comment on the 802.1AE/FDAmd 1 ballot.*
- *However, this amendment is based on IEEE 802.1AE, MAC Security, and not IEEE 802.1X, Port Based Network Access Control as asserted in the China NB's comment.*
- *This amendment describes an optional mode for MACsec that defines a method to extend the packet number to support higher network rates while maintaining system functionality and operational efficiency.*

Submission   Slide 9

34

* Motion #43	EC approves to forward the comment responses contained on slides 8 and 9 of http://www.ieee802.org/1/files/public/docs2015/liaison-randall-SC6response-AEbnAEbw-0315-v01.pptx to JTC1 SC6, under the PSDO agreement. These are responses to the comments received on recent FDIS ballots of 802.1AEbn and 802.1AEbw.
Moved	Parsons
Second	Thaler
Results	The Chair asked if there was any more discussion. Hearing none, the Chair asked if there were any objections to approving the motion. Hearing none, the motion passed with unanimous consent.
Motion	Passes
Reference	See Item #7.024

| 7.025 | II | 802.1 to MEF regarding P802.1AXrev and all active UNI | **Parsons** | 0 | **04:41 PM** |

Parsons showed the following slide –

7.025 - MOTION

- 802.1 approves the liaison response to MEF on 802.1AX and all active UNI
  - http://www.ieee802.org/1/files/public/docs2015/liaison-response-MEF-L00226-AA-UNI-0315-v1.docx

- Proposed: Haddock   Second: Gray
- For__29__Against_0__Abstain__0__
- Approved

36

7.026	II	802.1 to MEF regarding YANG	**Parsons**	**0**	**04:41 PM**

Parsons showed the following slide –

7.026 - MOTION

- 802.1 approves the liaison response to MEF on YANG
  - http://www.ieee802.org/1/files/public/docs2015/liaison-response-MEF-L00227-YANG-0315-v1.docx

- Proposed: Haddock   Second: Romascanu
- For__30__Against__0_Abstain_0___
- Approved

37

7.027	II	802.1 to ITU-T SG15 regarding LS224 on PTP over LAG	**Parsons**	**0**	**04:41 PM**

Parsons showed the following slide

7.027 - MOTION

- 802.1 approves the liaison response to ITU-T SG15 liaison LS224 on PTP over LAG.

  - http://www.ieee802.org/1/files/public/docs2015/liaison-response-SG15-L224-PTPoLAG-0315.docx

- Proposed: Haddock Second: Garner
- For__28__Against_0__Abstain__0__
- Approved

38

7.028	II	802.1 to IEEE 1904.3	**Parsons**	**0**	**04:41 PM**

Parsons showed the following slide

7.028 - MOTION

- 802.1 approves the liaison response to IEEE 1904.3.
  - http://www.ieee802.org/1/files/public/docs2015/liaison-response-ieee1904dot3-0315-v00.docx

- Proposed: Korhonen   Second: Gray
- For__25__Against_0__Abstain_0___
- Approved

39

7.029	II	802.1 to CPRI cooperation, 1904.3, ITU-T SG15, ITU-R WP5, MEF regarding fronthaul	**Parsons**	**0**	**04:41 PM**

Parsons showed the following slide

7.029 - MOTION

- 802.1 approves the liaison response to CPRI, 1904.3, MEF, ITU-R WP5, ITU-T Q13/15 on fronthaul.
  - http://ieee802.org/1/files/public/docs2015/liaison-fronthaul-0315-v4.pdf

- Proposed: Messenger Second: Gray
- For__33__Against_0__Abstain__0__
- Approved

40

7.03		**IEEE 802.3**			**04:41 PM**
7.031	II	Liaison letter to ITU-T SG5: New Recommendations related to Ethernet port protection	**Law**	2	**04:41 PM**

Law presented the following slides

7.031 II*: Liaison letter to ITU-T SG5: New Recommendations related to Ethernet port protection (Information item)

Liaison letter to ITU-T SG5: New Recommendations related to Ethernet port protection

The draft liaison letter response from the IEEE 802.3 working group to ITU-T SG5 in respect to new Recommendations related to Ethernet port protection, approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at <http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_ITU-T_SG5_0315_draft.pdf>

Working Group vote:
Y: 112, N: 0, A: 9

7.032	II	Liaison letter to ITU-T SG15: Access Network Transport (ANT) Standardization Work Plan	**Law**	**2**	**04:43 PM**

Law presented the following slides

7.032 II*: Liaison letter to ITU-T SG15: Access Network Transport (ANT) Standardization Work Plan

Liaison letter to ITU-T SG15: ANT Standardization Work Plan

The draft liaison letter response from the IEEE 802.3 working group to ITU-T SG15 in respect to the Access Network Transport (ANT) Standardization Work Plan, approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at <http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_SG15_ANT_0315_draft.pdf>

Working Group vote:
Y: 112, N: 0, A: 9

| 7.033 | II | Liaison letter to ITU-T SG15: Optical Transport Networks and Technologies (OTNT) Standardization Work Plan | **Law** | **2** | **04:45 PM** |

Law presented the following slides.

7.033 II*: Liaison letter to ITU-T SG15: Optical Transport Networks and Technologies (OTNT) Standardization Work Plan

Liaison letter to ITU-T SG15: OTNT Standardization Work Plan

The draft liaison letter response from the IEEE 802.3 working group to ITU-T SG15 in respect to the Optical Transport Networks and Technologies (OTNT) Standardization Work Plan, approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at <http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_SG15_OTNT_0315_draft.pdf>

Working Group vote:
Y: 112, N: 0, A: 9

| 7.034 | ME | Liaison letter to ISO/IEC JTC1 SC6: IEEE P802.3 (IEEE 802.3bx) initial sponsor ballot draft | **Law** | **4** | **04:47 PM** |

Law presented the following slides.

7.034 ME: Liaison letter to ISO/IEC JTC1 SC6: IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) initial sponsor ballot draft

Liaison letter to ISO/IEC JTC1 SC6: IEEE P802.3 revision initial sponsor ballot draft

Motion

The IEEE 802 LMSC Executive Committee approves the draft liaison letter to ISO/IEC JTC1 SC6 to liaise the IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) initial sponsor ballot draft.

The draft liaison letter, approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at <http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_ISOIEC_JTC1_SC6_0315_draft.pdf>

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

Working Group votes
Report: Y: 102, N: 0, A: 7

* Motion #44	The IEEE 802 LMSC Executive Committee approves the draft liaison letter to ISO/IEC JTC1 SC6 to liaise the IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) initial sponsor ballot draft. The draft liaison letter,approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_ISOIEC_JTC1_SC6_0315_draft.pdf
Moved	Law
Second	D'Ambrosia
Results	The Chair asked if there was any more discussion. Hearing none, the Chair asked if there were any objections to approving the motion. Hearing none, the motion passed with unanimous consent.
Motion	Passes
Reference	See Item #7.034

7.035	ME*	Authorize IEEE 802.3 Industry Connections NG-EPON Report	Law	0	04:51 PM

Approved with approval of agenda.

7.035 ME: IEEE 802.3 Industry Connections Next Generation Ethernet Passive Optical Network (NG-EPON) report approval

IEEE 802.3 Industry Connections NG-EPON report approval

Charter

The activity has been chartered to generate a report which will detail: (a) operators' requirements, (b) technological and economic tradeoffs of various approaches to next generation EPON, (c) the state of the art for optical subscriber access network technology, and (d) potential solutions that merit further consideration

Process

Developed in IEEE 802.3 Industry Connections NG-EPON ad hoc

 Held 9 meetings, circulated 9 drafts for comment

Report approved by vote of IEEE 802.3 Working Group

Approval

Subclause 8.3.2 'Subgroup public statements' of the IEEE 802 LAN/MAN Standards Committee (LMSC) Policies and Procedures. As well as requiring the subgroup approval it also states that 'Such public statements also require approval of the Sponsor'.

IEEE 802.3 Industry Connections
NG-EPON report approval

Motion

The IEEE 802 LMSC Executive Committee approves the IEEE 802.3 Industry Connections Next Generation Ethernet Passive Optical Network report <http://ieee802.org/secmail/pdfPUXmqX0_Bq.pdf>.

The IEEE 802 LMSC Executive Committee requests that the IEEE-SA Standards Board terminate the Next Generation Ethernet Passive Optical Network Industry connection activity

M: Law S: D'Ambrosia

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

Working Group votes

Report approval: Y: 61, N: 0, A: 5

| 7.036 | II | Liaison letter to ISO/IEC JTC1 SC25: Remote powering | **Law** | 2 | **04:51 PM** |

Law showed the following slides.

7.036 II*: Liaison letter to ISO/IEC JTC1 SC25: Remote powering

Liaison letter to ISO/IEC JTC1 SC25: Remote powering

The draft liaison letter response from the IEEE 802.3 working group to ISO/IEC JTC1 SC25 in respect to the Remote Powering, approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at <http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_SC25_PoE_0315_draft.pdf>

Working Group vote:
Y: 86, N: 0, A: 8

| 7.037 | II | Liaison letter to ISO/IEC JTC1 SC25: Copper qualification | **Law** | **2** | **04:53 PM** |

Law presented the following slides.

7.037 II*: Liaison letter to ISO/IEC JTC1 SC25: Copper qualification

Liaison letter to ISO/IEC JTC1 SC25: Copper qualification

The draft liaison letter response from the IEEE 802.3 working group to ISO/IEC JTC1 SC25 in respect to the Copper qualification, approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at <http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_ISOIEC_SC25_WG3_0315_draft.pdf>

Working Group vote:
   Y: 55, N: 0, A: 7

| 7.038 | II | Liaison letter to ITU-T SG15: Timestamping point for multilane Ethernet interfaces | **Law** | **2** | **04:55 PM** |

Law presented the following slides.

7.038 II*: Liaison letter to ITU-T SG15: Timestamping point for multilane Ethernet interfaces

Liaison letter to ITU-T SG15: Timestamping point for multilane Ethernet interfaces

The draft liaison letter response from the IEEE 802.3 working group to ITU-T SG15 in respect to the Timestamping point for multilane Ethernet interfaces, approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at
<http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_SG15_time_0315_draft.pdf>

Working Group vote:
Y: 112, N: 0, A: 9

Law presented the following slides.

7.039 II*: Liaison letter to IEC SC48B: Modular connectors

Liaison letter to IEC SC48B: Modular connectors

The draft liaison letter from the IEEE 802.3 working group to IEC SC48B in respect to the Modular connectors, approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at
<http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_IECSC48B_0315_draft.pdf>

Working Group vote:
Y: 89, N: 0, A: 11

7.04		**IEEE 802.11**			**04:59 PM**
7.041	II*	Liaison to IEC/JTC1 - 3 pre-Sponsor Ballot Drafts	**Stephens**	0	**04:59 PM**

Approved with approval of agenda.

7.05	ME	IEEE 802.15	Heile	-	04:59 PM
7.06	ME	IEEE 802.16	Marks	-	04:59 PM
7.07		**IEEE 802.18**			**04:59 PM**
7.071	ME	Liaision DSRC Report to FCC (Doc #18-15-0015-02-0000)	Lynch	0	04:59 PM

7.09	ME	IEEE 802	Nikolich	-	05:07 PM
7.10	ME	IEEE 802.21	Das	-	05:07 PM
7.11		**IEEE 802.22**			**05:07 PM**
7.111	ME*	Approval of Press Release - ISO approval of IEEE 802.22 Standard	**Mody**	0	**05:07 PM**

Approved with approval of agenda

| 7.112 | ME | Motion to forward IEEE Std. 802.22a-2014 and P802.22b Draft 5.0 to the ISO/ IEC / JTC1 as an information only document. | **Mody** | **4** | **05:07 PM** |

Mody showed following slides.

Motion

Motion for Approval to Forward the Amendments IEEE Std. 802.22a-2014 and P802.22b Draft v5.0 to ISO/ IEC/ JTC1 as Information Only Documents

Submission   Slide 2   Apurva N. Mody, BAE Systems

Working Group Motion for Approval to forward the IEEE Std. 802.22a-2014 and P802.22b Draft v5.0 to the ISO/IEC/JTC1 as an Information Only Documents

Move to forward IEEE Std. 802.22a-2014 and P802.22b Draft 5 to ISO/IEC/JTC1 as an information only documents.

Move: Jerry Kalke
Second: Keat Beng Toh
For: 6
Against: 0
Abstain: 0
Motion passes.

Submission

EC Motion for Approval to forward the IEEE Std. 802.22a-2014 and P802.22b Draft v5.0 to the ISO/IEC/JTC1 as an Information Only Document

EC Approves forwarding of the IEEE Std. 802.22a-2014 and P802.22b Draft 5 to ISO/IEC/JTC1 as information only documents.

Move: Apurva N. Mody
Second:
For:
Against:
Abstain:
Motion passes/ fails

Submission

* Motion #45	EC Approves forwarding of the IEEE Std. 802.22a-2014 and P802.22b Draft 5 to ISO/IEC/JTC1 as information only documents.
Moved	Mody
Second	Shellhammer
Results	The Chair asked if there was any more discussion. Hearing none, the Chair asked if there were any objections to approving the motion. Hearing none, the motion passed with unanimous consent.
Motion	Passes
Reference	7.112

8.00	ME	Information Items			
8.01	II	**IEEE 802 / SA Task Force Report**	**Nikolich**	**4**	**04:57 PM**

Nikolich presented the following slide –

8.01 802 Task Force

- 802 Task Force, Thurs 10:30AM-12:30 (room: 30241)

  Agenda/Action Items

  1. Update on draft Public Review policy
     1. Action: Thompson to correct roll-out date on Public Review deck and post to the EC Mentor area
  2. Update on clarification of Indemnification Policy
     1. Action: Nikolich to obtain timeline from IEEE General Counsel
  3. draft Get IEEE 802 Agreement/review postponed
     1. Action: Newman to provide reasonable proprietary/confidential terms and conditions to EC for consideration
     2. Action: Nikolich to add 'review of open portions of draft' Get IEEE Agreement to 02JUN telecon agenda
     3. Action: Nikolich to postpone Executive Session due to confidential content (limited to EC members and invited guests) to July 2015 Plenary Session
  4. Adjourn 11:30am

  6

Thompson provided a verbal overview of the Public Review

8.02	II	**IEEE SA Staff Reports**		**05:15 PM**

No reports.

8.03		**Standing Committee Reports**			**05:15 PM**
8.031	II	802 / JTC1 SC Report	**Dambrosia / Myles**	**1**	**05:15 PM**

D'Ambrosia noted that Myles had to leave, but provided a file that will be included in the minutes. Chair advised individuals to review the file, and direct any questions to Myles.

See attachment - 11-15-0473-00-0jtc-jtc1-closing-report-mar-2015.pdf

8.032	II	802 / ITU SC Report	**Parsons**	**4**	**05:16 PM**

Parsons showed the following slide.

Summary

- 802 views on "food for thought"
  - 1 (fees) - Existing process works fine (requesting a meeting fee waiver per meeting)
  - 2 (joint) – This should be based on the WG interest. But more importantly a success is needed before a general policy is considered.
  - 3 (resolution) – The current process of leadership interacting if there is an issue works fine, as there are not many issues. No objection to sharing links to new work items.
  - 5 (edu) – ITU is not participating in IEEE standards education…
- 802 has no specific comments on new process documents
  - Supportive of ITU collaboration/cooperation with IEEE 802 in a reciprocal manner based on mutual respect.

8.033	II	802 / IETF SC Report	**Thaler**	**4**	**05:20 PM**

Thaler gave verbal overview. Commented that things are going very smoothly, and not a lot of activity for the SC.

8.034	II	802 Wireless Chairs SC Report	**Heile**	**4**	**05:24 PM**

No additional comments since Sunday meeting.

8.035	II	Regulatory report	**Lynch**	**4**	**05:28 PM**

Only comment since Monday is documents to FCC.

8.04		**Officers Reports**			**05:18 PM**
8.041	II	1st Vice Chair Report	**Thaler**	**0**	**05:18 PM**

No report

8.042	II	2nd Vice Chair Report	**Gilb**	0	05:32 PM

No report.

8.043	II	Treasurer's Report	**Rosdahl / Chaplin**	4	05:32 PM

Rosdahl presented Treasurer's Report.

See attachment. ec-15-0023-00-00EC 2015-03-13 Treasurer Report.pdf

8.044	II*	Executive secretary report	**Rosdahl**	0	05:36 PM

Approved with approval of agenda.

July 2013   doc.: IEEE 802 EC-15-0018r2

*F8.044 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

Report   Slide 13   Jon Rosdahl, CSR

8.045	II	Recording Secretary Report	**D'Ambrosia**	2	05:36 PM

D'Ambrosia gave verbal overview of new minutes format and embedding files in PDF as part of the final record. Group was supportive of the approach.

8.046	II*	Appeals report -No items to report	**D'Ambrosia**	0	05:38 PM

Approved with approval of agenda.

8.047	II	Historical Financial Data	Rosdahl	0	05:38 PM

Rosdahl presented a summary of the data provided by Chaplin.

F8.047 Historical Financial Data

(March 2012 to March 2015)

Number of meetings:	11
Average Attendance:	723
Average Cost per attendee:	$795.39
Average Mtg Fee Paid:	$517.13
Average Surplus/deficit:	-$30,180
Sum "Net Meeting Surplus/Deficit:	-$331,979.48

See document: 802-EC-15/24r0

Report   Slide 14   Jon Rosdahl, CSR

8.05	II	Network Services report	Alfvin	5	05:24 PM

Alfvin gave a verbal update. Interesting stats included Moved 1.67 Terabytes over the network this week.
Peak Period PM2 198 Mb/s Peak

8.06	II*	Announcement of 802 EC Interim Telecon (Tuesday 2 Jun 2015, 1-3pm ET)	Rosdahl	0	05:29 PM

Approved with approval of agenda.

*F8.06 – Announcement of 802 EC Interim Telecon (Tuesday 2 June 2015, 1-3pm ET)

Agenda for Interim EC meeting
– Tuesday 2 June 2015 1-3PM ET

Initial Proposed Draft Agenda

- – 1. Welcome/Intro/Approve Agenda   - Nikolich   5 min
- – 2. Report: March EC Action Item Summary   - D'Ambrosia 10 min
- – 3. Report: July 2015 Waikoloa Plenary Status   - Rosdahl   3 min
- -- 4. Report: Mar 2015 Berlin Plenary Session Status   - Rosdahl   3 min
- -- 5. Report on 2018 Future Venue options   -Rosdahl/Heile   5 min
- -- 6. Report on

Per Chairs Guideline – Confirm during the Closing EC Plenary.

8.07	II*	Call for Tutorials for Jul 2015 Plenary (Monday, July 13, 2015)	Rosdahl	0	05:29 PM

Approved with approval of agenda.

*F8.07 – Call for Tutorials for July 2015 Plenary

Tutorials to be held Monday, July 13, 2015

Tutorial Request form:
   http://www.ieee802.org/802_tutorials/802_Tutorial_Request_Form.doc

As a reminder please refer to Chair's Guidelines section 2.5 Tutorials for the logistics for participating in sponsoring/presenting a Tutorial.

All requests for Tutorials must be made by 29 May 2015.

Report   Slide 16   Jon Rosdahl, CSR

8.08	DT	Review of Action Items	Nikolich / Dambrosia	15	05:29 PM

- Item 7.071 - Lynch / Mody – Construct EC motion on ballot.
- Item 7.081 / 7.082 - Nikolich Package the 802 3GPP Liaisons into a single document

10.00	II*	ADJOURN SEC MEETING	Nikolich	0	06:00 PM

Closed @ 5:59pm.

Attached Documents Summary

1. ec-14-0087-05-00EC-overview-of-proposed-wg-p-p-changes.pdf
2. IEEE_802.3bw_unresolved_negative_comments.pdf
3. IEEE_802.3bx_unresolved_negative_comments.pdf
4. 11-15-0287-06-000m-p802-11revmc-report-to-ec-on-conditional-approval-to-go-to-sponsor-ballot.pdf
5. 16-15-0013.pdf
6. 21-15-00-0036-March-Plenary-EC-Package.pdf
7. 3GPP March 2015 Liaison #1.pdf
8. 3GPP March 2015 Liaison #2.pdf
9. 24-14-0040-04-0000-Liaison-response-to-P2413.pdf
10. 11-15-0473-00-0jtc-jtc1-closing-report-mar-2015.pdf
11. ec-15-0023-00-00EC 2015-03-13 Treasurer Report.pdf

Consent Agenda Motion Summary

1. Study Group Approval - IEEE 802.1 Local MAC Address (1st Extension)
2. Study Group Approval - IEEE 802.3 Next Generation Enterprise Access BASE-T PHY Study Group (1st Extension)
3. Study Group Approval - IEEE 802.3 25GBASE-T Study Group (1st Extension)
4. Study Group Approval - IEEE 802.11 1. Next Generation Positioning Study Group (1st Extension)
5. Study Group Approval - IEEE 802.15 HRCP (high rate close proximity) Study Group (1st Extension)
6. Study Group Approval - IEEE 802.19 Coexistence in Unlicensed Bands Study Group (1st Extension)
7. Authorize IEEE 802.3 Industry Connections NG-EPON Report
8. Approval of Press Release - ISO approval of IEEE 802.22 Standard

Motions Summary

* Motion #1	Move to approve agenda
Moved	DAmbrosia
Second	GIlb
Results	12-0-0
Motion	Passes
Reference	Agenda Item #2.00

* Motion #2	**Move to authorize the purchase of a commemorative badge-holder for attendees at the July Plenary, upto 800 items at a cost not to exceed a cost of $4 each ($3200.00).**
Moved	Rosdahl
Second	Stephens
Results	12-0-0
Motion	Passes
Reference	Agenda Item #4.01

* Motion #3	The 802 Sponsor confirms the election of Tim Godfrey as the 802.24 Chair
Moved	Marks
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	Agenda Item #4.02

* Motion #4	Start the Monday EC meeting at Plenary Sessions at 8am and end it at 10am
Moved	Heile
Second	Rosdahl
Results	13-0-0
Motion	passes
Reference	Agenda Item 4.03

* Motion #5	In support of the global participation in IEEE 802 and the IEEE-SA strategic goal of expanded global presence the IEEE 802 LAN/MAN Sponsor Committee requests that the IEEE-SA changes the requirement found in subclause 5.4.3.1 'Ballot term' of the IEEE-SA Standards Board Operations manual with respect to the close time to be based on UTC instead of ET. IEEE 802 further request that when this change is implemented, all other myProject times are updated to be based on UTC instead of ET. IEEE 802 appoints David Law to submit this request to the IEEE-SA Standards Board Procedures Committee on its behalf 5.4.3.1 Ballot term Each ballot in the standards balloting process shall close at <u>23.59 UTC-12</u>[4] on the closing date specified on the ballot [4] <u>UTC is Coordinated Universal Time.</u>
Moved	Law
Second	D'Ambrosia
Results	10-2-1
Motion	Passes
Reference	Agenda Item #4.04

* Motion #6	Move to approve a Site visit for Bob Heile and Rick Alfvin to visit K-L and Singapore for the purpose of a Site Inspection, with the cost to not exceed an additional $2000.
Moved	Rosdahl
Second	Gilb
Results	12-0-0
Motion	Passes
Reference	Agenda Item #4.05

* Motion #7	Move to approve a Site visit for Jon Rosdahl, Rick Alfin and Dawn Slykhouse to visit the Venetian Macao in Macao, China to conduct a site visit and meeting preparation meetings with the cost not to exceed an additional $5000.00
Moved	Stephens
Second	Law
Results	13-0-0
Motion	Passes
Reference	Agenda Item #4.06

* Motion #8	Motion to set the 802 Hosted Interim 2016 January Atlanta Meeting Fees with the following levels:
	Early-Bird -- $375 (Discounted) -- $575
	Regular Registration -- $575 (Discounted) -- $775
	Onsite/Late Registration -- $775 (Discounted) -- $975
Moved	Rosdahl
Second	Heile
Results	13-0-0
Motion	Passes
Reference	4.07

* Motion #9	IEEE 802 EC appoints Adrian Stephens to IEEE 802 HoD to the ISO/IEC JTC1/SC6 meeting in Belgium in May 2015
Moved	DAmbrosia
Second	Mody
Results	12-0-1
Motion	Passes
Reference	Agenda Item #4.08

* Motion #10	IEEE 802 EC approves that the IEEE 802 HoD to the SC6 meeting in May 2015 be authorized to:
	• Appoint the IEEE 802 delegation
	• Approve any necessary submissions
	• Call any necessary preparation teleconferences
Moved	DAmbrosia
Second	Rosdahl
Results	12-1-0
Motion	Passes
Reference	Agenda Item #4.09

* Motion #11	EEE 802 EC approves sending IEEE_802_WG_PandP_v17.2.doc to AudCom for review.
Moved	Gilb
Second	Rosdahl
Results	13-0-0
Motion	Passes
Reference	See Item #4.10

* Motion #12	Move to approve document 18-15/0016r1 providing a view of the work done in the IEEE802.11DSRC Tiger Team with the cover letter as contained in Document 18-15/0018r1 and submit it to the FCC. The Chair of 802 is authorized to make editorial changes as necessary.
Moved	Lynch
Second	Mody
Results	
Motion	Directed to Email Ballot by Chair
Reference	See Item #7.071

* Motion #13	Motion to table Motion #12
Moved	Law
Second	D'Ambrosia
Results	12-0-0
Motion	Passes
Reference	See Item #7.071

* Motion #14	EC approves the CSD for 802c and forwards the 802c PAR to NesCom.
	– CSD: http://ieee802.org/1/files/public/docs2015/lasg-mjt-802c-CSD-0315-v02.pdf
	– PAR: http://ieee802.org/1/files/public/docs2015/new-addresses-thaler-local-address-par-v02.pdf
Moved	Parsons
Second	Thaler
Results	11-0-0
Motion	Passes
Reference	See Item #5.021

* Motion #15	EC approves to withdraw the PAR for P802.1ASbt
Moved	Parsons
Second	Thaler
Results	10-0-0
Motion	Passes
Reference	See Item #5.022

* Motion #16	EC approves the CSD and forwards the P802.1Qci PAR to NesCom.
	– CSD: http://www.ieee802.org/1/files/public/docs2015/new-nfinn-input-gates-csd-0115-v03.pdf
	– PAR: http://www.ieee802.org/1/files/public/docs2015/new-nfinn-input-gates-par-0115-v05.pdf
Moved	Parsons
Second	Thaler
Results	11-0-0
Motion	Passes
Reference	See Item #5.024

* Motion #17	EC approves the CSD and forwards the P802.1Qcj PAR to NesCom.
	– CSD: http://ieee802.org/1/files/public/docs2015/new-autoattach-romascanu-csd-0315-v01.pptx
	– PAR: http://ieee802.org/1/files/public/docs2015/new-autoattach-romascanu-par-0315-v01.pdf
Moved	Parsons
Second	Thaler
Results	11-0-0
Motion	Passes
Reference	See Item #5.025

* Motion #18	802.1 requests EC approval to forward 802.1AS/Cor2 D2.0 to Sponsor Ballot.
Moved	Parsons
Second	Rosdahl
Results	10-0-0
Motion	Passes
Reference	See Item #5.026

* Motion #19	EC confirms the 5C:
	• http://www.ieee802.org/1/files/public/docs2012/new-p802-1Qca-draft-5c-0912-v03.pdf
	And approves to forward 802.1Qca D1.4 to Sponsor Ballot.
Moved	Parsons
Second	Thaler
Results	12-0-0
Motion	Passes
Reference	See Item #5.027

* Motion #20	EC confirms the 5C:
	• http://www.ieee802.org/1/files/public/docs2012/Qbv-pannell-draft-5C-0112-v03.pdf
	And conditionally approves to forward 802.1Qbv Scheduled Traffic to Sponsor Ballot.
Moved	Parsons
Second	Thaler
Results	12-0-0
Motion	Passes
Reference	See Item #5.028

* Motion #21	EC confirms the 5C:
	• http://www.ieee802.org/1/files/public/docs2012/new-p802-1Qbz-draft-5c-0912.pdf
	And conditionally approves to forward 802.1Qbz Enhancements to Bridging of 802.11 Media to Sponsor Ballot.
Moved	Parsons
Second	Thaler
Results	13-0-0
Motion	Passes
Reference	See Item #5.029

* Motion #22	The IEEE 802 LMSC Executive Committee approves the IEEE P802.3bz CSD responses and forwards the IEEE P802.3bz PAR to NesCom
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	See Item #5.031

* Motion #23	The IEEE 802 LMSC Executive Committee confirms the IEEE 802.3bw 100BASE-T1 CSD available at the URL http://ieee802.org/3/bw/public/20140528_CSD_IEEE802_3bw.pdf and grants conditional approval to forward IEEE P802.3bw to Sponsor ballot
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	See Item #5.033

* Motion #24	The IEEE 802 LMSC Executive Committee grants approval to forward IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) to Sponsor ballot
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	See Item #5.034

* Motion #25	Move to raise from the Table Motion #12. reference Item# 7.071
Moved	Chair
Second	
Results	
Motion	No objections
Reference	See Item #5.033

* Motion #26	• Approve sending the PAR in the PAR document cited below for P802.11ay to NesCom • And confirm the PAR and 5C cited below o PAR document: https://mentor.ieee.org/802.11/dcn/14/11-14-1151-08-ng60-ng60-proposed-par.docx o 5C document: https://mentor.ieee.org/802.11/dcn/14/11-14-1152-08-ng60-ng60-proposed-csd.docx o In the WG: PAR approval motion: 119-0-6; 5C approval motion 116-0-7:
Moved	Stephens
Second	Rosdahl
Results	12-0-0
Motion	passes
Reference	See Item #5.041

* Motion #27	As defined in IEEE LMSC Operations Manual (7 Nov 2014), Clause 12, conditionally approve sending IEEE P802.11 (REVmc) to IEEE-SA Sponsor Ballot
Moved	Stephens
Second	Rosdahl
Results	13-0-0
Motion	passes
Reference	See Item #5.042

* Motion #28	Delegate resolution of the P802.11 (REVmc) sponsor ballot comments to the 802.11 WG Chair.
Moved	Stephens
Second	Rosdahl
Results	12-0-0
Motion	Passes
Reference	See Item #5.043

* Motion #29	Move 802.15 requests conditional approval from the EC to submit 802.15.4 revision draft to Sponsor Ballot pending recirculaiton
Moved	Heile
Second	Gilb
Results	13-0-0
Motion	[passes
Reference	See Item #5.052

* Motion #30	Move that 802EC approve the 15.3e PAR (802.15/dcn/14/15-14-0715-05) as modified by 802.15/dcn/15/15-15-0229-03 and CSD (802.15/dcn/14/15-14-0716-07) and authorize the 802.15 Working Group to forward the PAR to NesCom for approval.
Moved	Heile
Second	Gilb
Results	12-0-0
Motion	Passes
Reference	See Item #5.053

* Motion #31	To withdraw the P802.16r PAR
Moved	Marks
Second	Rosdahl
Results	13-0-0
Motion	Motion Passes
Reference	See Item #5.061

* Motion #32	Approve the CSD for IEEE 802.21d in document number DCN: 21-12-0017-01-0000-group-management-5c.pdf
Moved	Das
Second	Shellhammer
Results	12-0-0
Motion	Passes
Reference	See Item #5.091

* Motion #33	IEEE 802 Executive Committee authorizes to forward P802.21d/D8 to IEEE SA RevCom.
Moved	Das
Second	Shellhammer
Results	13-0-0
Motion	Passes
Reference	See Item #5.091

* Motion #34	The IEEE 802 EC approves the formation of the IoT Task Group in IEEE 802.24 with the scope given in document 24-15-0003-1
Moved	Gilb
Second	Law
Results	13-0-0
Motion	Passes
Reference	See Item #6.011

* Motion #35	To approve the extension of the Privacy Recommendation EC SG until the end of the July 2015 meeting
Moved	Parsons
Second	Stephens
Results	12-0-0
Motion	Passes
Reference	See Item #6.02

* Motion #36	Extend the 802.11 Next Generation 60 GHz (NG60_ study group
Moved	Stephens
Second	Rosdahl
Results	12-0-0
Motion	passes
Reference	See Item #6.052

* Motion #37	Move to approve the liaison to 3GPP in document "3GPP March 2015 Liaison #1" and give editorial license to the 802 chair
Moved	Shellhammer
Second	Stephens
Results	13-0-0
Motion	passes
Reference	See Item #7.081

* Motion #38	Move to approve the liaison to 3GPP in document "3GPP March 2015 Liaison #2" and give editorial license to the 802 chair
Moved	Shellhammer
Second	Stephens
Results	13-0-0
Motion	passes
Reference	See Item #7.082

* Motion #39	IEEE 802 Executive Committee approves the liaison letter, document 24-14-0040-06, for IEEE P2413
Moved	Gilb
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	See Item #7.011

* Motion #40	EC approves to forward Std 802.1AX-2014 to ISO/IEC JTC1 SC6, for ballot under the PSDO agreement.
Moved	Parsons
Second	Thaler
Results	12-0-0
Motion	Passes
Reference	See Item #7.021

* Motion #41	EC approves to forward Std 802.1BA-2011 to ISO/IEC JTC1 SC6, for information under the PSDO agreement.
Moved	Parsons
Second	Thaler
Results	The Chair asked if there was any more discussion. Hearing none, the Chair asked if there were any objections to approving the motion. Hearing none, the motion passed with unanimous consent.
Motion	Motion Passes
Reference	See Item #7.022

* Motion #42	EC approves to forward Std 802.1BR-2012 to ISO/IEC JTC1 SC6, for information under the PSDO agreement.
Moved	Parsons
Second	Thaler
Results	The Chair asked if there was any more discussion. Hearing none, the Chair asked if there were any objections to approving the motion. Hearing none, the motion passed with unanimous consent.
Motion	Passes
Reference	See Item #7.023

* Motion #43	EC approves to forward the comment responses contained on slides 8 and 9 of http://www.ieee802.org/1/files/public/docs2015/liaison-randall-SC6response-AEbnAEbw-0315-v01.pptx to JTC1 SC6, under the PSDO agreement. These are responses to the comments received on recent FDIS ballots of 802.1AEbn and 802.1AEbw.
Moved	Parsons
Second	Thaler
Results	The Chair asked if there was any more discussion. Hearing none, the Chair asked if there were any objections to approving the motion. Hearing none, the motion passed with unanimous consent.
Motion	Passes
Reference	See Item #7.024

* Motion #44	The IEEE 802 LMSC Executive Committee approves the draft liaison letter to ISO/IEC JTC1 SC6 to liaise the IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) initial sponsor ballot draft. The draft liaison letter,approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_ISOIEC_JTC1_SC6_0315_draft.pdf
Moved	Law
Second	D'Ambrosia
Results	The Chair asked if there was any more discussion. Hearing none, the Chair asked if there were any objections to approving the motion. Hearing none, the motion passed with unanimous consent.
Motion	Passes
Reference	See Item #7.034

* Motion #45	EC Approves forwarding of the IEEE Std. 802.22a-2014 and P802.22b Draft 5 to ISO/IEC/JTC1 as information only documents.
Moved	Mody
Second	Shellhammer
Results	The Chair asked if there was any more discussion. Hearing none, the Chair asked if there were any objections to approving the motion. Hearing none, the motion passed with unanimous consent.
Motion	Passes
Reference	7.112