

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

Prepared by John D'Ambrosia, Recording Secretary

Friday July 17, 2015 – 1:00 p.m
All times HAST

Hilton Waikoloa Village
Kona, HI, USA

EC Voting members (or their representatives) present:

Paul Nikolich	Chair, IEEE 802 LAN/MAN Standards Committee
Pat Thaler	1 st Vice Chair, IEEE 802 LAN/MAN Standards Committee
James Gilb	2 nd Vice Chair, IEEE 802 LAN/MAN Standards Committee,
Clint Chaplin	Treasurer, IEEE 802 LAN/MAN Standards Committee
Jon Rosdahl	Executive Secretary, IEEE 802 LAN/MAN Standards Committee
John D'Ambrosia	Recording Secretary, IEEE 802 LAN/MAN Standards Committee
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
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
Tim Godfrey	Chair, IEEE 802.24 - Vertical Applications TAG

EC Nonvoting members present:

Geoff Thompson –	Member Emeritus
Juan Carlos Zuniga	Chair, Privacy EC Study Group

EC Voting members absent:

EC Nonvoting members absent:

John Lemon	Chair, IEEE 802.17 – Resilient Packet Ring Working Group
Radhakrishna Canchi	Chair, IEEE 802.20 – Mobile Broadband Wireless Access Working Group

URL: <https://mentor.ieee.org/802-ec/dcn/15/ec-15-0041-05-00EC-july-2015-closing-agenda.xlsx>

v05		DRAFT AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING			
		Friday 1:00PM-6:00PM, 17 July 2015)			
Key:		ME - Motion, External, MI - Motion, Internal, DT- Discussion Topic, II - Information Item			
		Special Orders			
		Category (* = consent agenda)			
1.00		MEETING CALLED TO ORDER	Nikolich	1	01:00 PM

Meeting called to order at 1:00pm

2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	10	01:01 PM
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Discussion regarding agenda –

- Recording Secretary noted the following changes
 - Item 7.015 should be information item
 - Item 4.031 is double of Item 4.01 – delete it.
 - Item 7.101 should be IEEE 802.22b Press Release Approval
 - Item 7.091 should be ME* : IEEE 802.21d Publication Press Release Approval - Motion The IEEE 802 LMSC EC approves the draft press release* (DCN 21-15-0077-00) with editorial license granted to the IEEE 802.21 WG Chair or designee, and on the Consent Agenda.
 - Item 7.071, Delete word approval
 - Item 6,011 should be II, delete “2nd extension”

* Motion #1	Move to approve agenda as amended
Moved	DAmbrosia
Second	Rosdahl
Results	14-1-0
Motion	Passes
Reference	Agenda Item #2.00

URL: Updated agenda - <https://mentor.ieee.org/802-ec/dcn/15/ec-15-0041-06-00EC-july-2015-closing-agenda.xlsx>

v06		DRAFT AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING			
		Friday 1:00PM-6:00PM, 17 July 2015)			
Key:		ME - Motion, External, MI - Motion, Internal, DT- Discussion Topic, II - Information Item			
		Special Orders			
		Category (* = consent agenda)			
1.00		MEETING CALLED TO ORDER	Nikolich	1	01:00 PM
2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	10	01:01 PM
3.00	II	Announcements from the Chair	Nikolich	7	01:11 PM
4.00		LMSC Internal business			01:18 PM
4.01	MI	Approval, Motion to forward draft WG P&P to AudCom for review.	Gilb	10	01:18 PM
4.02	MI	Approval, Wireless Chairs SC, OM Initial Approval Process	Heile	5	01:28 PM
4.03	MI	Approval, Wireless Chairs SC, OM Approval	Heile	0	01:33 PM
4.031	ME	WG P&P updates for AudCom Review	Gilb	0	01:33 PM
4.04	MI*	IEEE 802 EC approves adding "Approved CSD repository" described in document ec-15-0054-01 to the IEEE 802 LMSC Chair's Guidelines	Gilb	0	01:33 PM
4.05	MI	Future Venue Approval	Rosdahl	8	01:33 PM
4.06	MI	2016 Electronic Media	D'Ambrosia	5	01:41 PM
4.07	MI	IEEE 802.24 Vice Chair Confirmation - Ben Rolfe	Godfrey	3	01:46 PM
4.08	MI	802 / JTC1 SC Vice Chair Appointment - Peter Yee	Myles	3	01:49 PM
4.09	MI	802.11 request to approve payment of FedEx shipping charge	Stephens	3	01:52 PM
4.10	DT	IEEE 802 Radio Regulatory Structure	Thaler	5	01:55 PM
4.11	MI*	APPROVE Motion: Approve minutes of Jun conference call (2015-06-02-call-minutes-v1.pdf)	Gilb	0	02:00 PM
					02:00 PM
5.00		IEEE Standards Board and Sponsor Ballot Items			02:00 PM
5.01		IEEE 802.1			02:00 PM
5.011	ME	IEEE 802.1Q / Cor1 to Sponsor Ballot	Parsons	3	02:00 PM

5.012	ME	IEEE 802.1Qbv to Sponsor Ballot	Parsons	3	02:03 PM
5.013	ME	IEEE 802.1Qbz to Sponsor Ballot	Parsons	3	02:06 PM
5.014	ME	IEEE 802.1AB-REV to Sponsor Ballot	Parsons	3	02:09 PM
5.015	ME	IEEE 802.1Qca to RevCom	Parsons	3	02:12 PM
5.016	ME	IEEE 802.1AS/Cor2 to RevCom	Parsons	3	02:15 PM
5.017	ME	IEEE 802.1CM- Standard: Time-Sensitive Networking for Fronthaul PAR to NesCom	Parsons	3	02:18 PM
5.018	ME	IEEE 802.1Qcp- Amendment, YANG Data Model PAR to NesCom	Parsons	3	02:21 PM
5.019	ME	IEEE 802.1Qcn- Amendment, VSI/VDP extensions for NVO3 PAR to NesCom	Parsons	3	02:24 PM
5.0191	ME	IEEE 802.1Xck- Amendment, YANG Data Model PAR to NesCom	Parsons	3	02:27 PM
5.0192	ME	IEEE 802.1AX/Cor1, LAG Technical & Editorial Corrections (48 hour rule) PAR to NesCom	Parsons	3	02:30 PM
5.0193	ME	IEEE 802.1Qbu - Bridges and Bridged Networks Amendment: Frame Preemption to Sponsor Ballot	Parsons	3	02:33 PM

5.0194	ME	IEEE 802.1AC-REV - Media Access Control (MAC) Service Definition to Sponsor Ballot	Parsons	3	02:36 PM
5.02		IEEE 802.3			02:39 PM
5.021	ME	IEEE 802.3br Interspersing Express Traffic (conditional) to Sponsor Ballot	Law	0	02:39 PM
5.022	ME	IEEE 802.3bw 100BASE-T1 (conditional) to RevCom	Law	3	02:39 PM
5.023	ME	IEEE 802.3 (IEEE 802.3bx) Maintenance #11 (revision) to RevCom (conditional) to RevCom	Law	3	02:42 PM
5.024	ME	IEEE P802.3bq 25GBASE-T and 40GBASE-T PAR modification request	Law	3	02:45 PM
5.03		IEEE 802.11			02:48 PM
5.031	ME	IEEE 802.11ai to Sponsor Ballot	Stephens	3	02:48 PM
5.032	ME	IEEE 802.11ah to Sponsor Ballot	Stephens	0	02:51 PM
5.033	ME	IEEE 802.11az (Next Generation Positioning) to NesCom	Stephens	3	02:51 PM
5.04		IEEE 802.15			02:54 PM
5.041	ME	IEEE 802.15.9 to Sponsor Ballot	Heile	3	02:54 PM
5.042	ME	IEEE 802.15.4n to RevCom	Heile	3	02:57 PM
5.043	ME	IEEE 802.15.9 PAR Extension (under 48 hour rule) to NesCom	Heile	3	03:00 PM
5.044	ME	IEEE 802.15.3 Revision PAR / CSD to NesCom	Heile	3	03:03 PM
5.045	ME	IEEE 802.15.9 PAR Modification to NesCom	Heile	3	03:06 PM
5.05	-	IEEE 802.16	Marks	0	03:09 PM
5.06	ME	IEEE 802.18	Lynch	-	03:09 PM
5.07		IEEE 802.19			03:09 PM
5.071	ME	IEEE 802.19.1a PAR to NesCom	Shellhammer	3	03:09 PM
5.08	-	IEEE 802.21	Das	-	03:12 PM

5.09		IEEE 802.22			03:12 PM
5.091	ME	IEEE 802.22b to RevCom	Mody	3	03:12 PM
5.10		IEEE 802 Privacy Recommendations EC Study Group			03:15 PM
5.101	ME	IEEE 802E PAR to NesCom	Zuniga	3	03:15 PM
					03:18 PM
6.00		Executive Committee Study Groups, Working Groups, TAGs			03:18 PM
6.01		IEEE 802.1			03:18 PM
6.011	II	IEEE 802.1 Local MAC Address	Parsons	3	03:18 PM
6.02		IEEE 802.3			03:21 PM
6.021	MI	IEEE 802.3 Next Generation Ethernet Passive Optical Networking (NG-EPON), Formation	Law	3	03:21 PM
6.022	MI	IEEE 802.3 2.5 Gb/s and 5 Gb/s Ethernet Backplane and Short Reach Copper Cable Formation	Law	3	03:24 PM
6.023	MI	IEEE 802.3 25GBASE-T Study Group (2nd extension)	Law	3	03:27 PM
6.03		IEEE 802.11			03:30 PM
6.031		IEEE 802.11 1. Next Generation Positioning Study Group (2nd Extension)	Stephens	3	03:30 PM
6.04	MI	IEEE 802.15			03:33 PM
6.041	MI	IEEE 802.15.4 Study Group, PAR – Guide on use of IEEE 802.15.4 Standard, Formation	Heile	3	03:33 PM
6.042	MI	IEEE 802.15.4 Study Group, Consolidated LLC for use with the 802.15.4 MAC, Formation	Heile	3	03:36 PM
6.05	-	IEEE 802.16	Marks	-	03:39 PM
6.06	MI	IEEE 802.18	Lynch	-	03:39 PM
6.07		IEEE 802.19			03:39 PM
6.071	MI	IEEE 802.19 Coexistence in Unlicensed Bands Study Group (2nd Extension)	Shellhammer		03:39 PM
6.08	-	IEEE 802.21	Das	-	03:39 PM
6.09	-	IEEE 802.22	Mody	-	03:39 PM
6.10	-	IEEE 802.24	Godfrey	-	03:39 PM
6.11		IEEE 802 Privacy Recommendation EC Study Group			03:39 PM
6.111	MI	IEEE 802 Privacy Recommendations EC Study Group (3rd Extension)	Zuniga	3	03:39 PM
	-		-	-	03:42 PM
		Break		10	03:42 PM

					03:52 PM
7.00		LMSC Liaisons and External Interface			03:52 PM
7.01		IEEE 802.1			03:52 PM
7.011	ME	IEEE 802.1CM Press Release Approval	Parsons	0	03:52 PM
7.012	ME	IEEE 802.1 Liaison to JTC1-SC6, Approval	Parsons	0	03:52 PM
7.013	ME	IEEE 802.1 Liaison to ITU-T SG15, Approval	Parsons	0	03:52 PM
7.014	ME	IEEE 802.1 Liaison to ITU-T FG IMT-2020, Approval	Parsons	0	03:52 PM
7.015	II	IEEE 802.1 Liaison to IETF	Parsons	3	03:52 PM
7.016	ME	IEEE Std 802.1AC-REV to SC6 for information under PSDO IEEE Std 802.1Qbv to SC6 for information under PSDO IEEE Std 802.1Qbu to SC6 for information under PSDO IEEE Std 802.1Qbz to SC6 for information under PSDO IEEE Std 802.1Qca to SC6 for information under PSDO	Parsons	3	03:55 PM
7.017	ME	IEEE Std 802.1BA-2011 to SC6 for FDIS ballot under PSDO	Parsons	3	03:58 PM
7.018	ME	IEEE Std 802.1BR-2012 to SC6 for FDIS ballot under PSDO	Parsons	3	04:01 PM
7.02		IEEE 802.3			04:04 PM
7.021	ME	ITU-T SG15 Multi-lane timestamping liaison letter, Approval	Law	0	04:04 PM
7.022	ME	Liaison letter to ITU-T SG-15: Status update on IEEE P802.3bs 400Gb/s Ethernet	Law	3	04:04 PM
7.023	ME	Liaison letter to ITU-T SG-9: New work item on J.HiNoC2	Law	3	04:07 PM
7.024	ME	Liaison letter to ITU-T SG-15: Status update on IEEE P802.3by 25Gb/s Ethernet	Law	3	04:10 PM
7.03		IEEE 802.11			04:13 PM
7.031	ME	IEEE 802.11 Press Release, 25th Anniversary, Approval	Stephens	3	04:13 PM
7.032	ME	IEEE 802.11 response to ISO/IEC JTC1/SC6 ballot comments on 802.11ae	Stephens	0	04:16 PM
7.033	ME	Resolutions for the FDIS comments on 802.11ac and 802.11af	Stephens	3	04:16 PM
7.04		IEEE 802.15	Heile		04:19 PM
7.05		IEEE 802.16	Marks		04:19 PM
7.06	II	IEEE 802.18	Lynch		04:19 PM
7.07		IEEE 802.19			04:19 PM
7.071	II	IEEE 802.19 Liaison Presentation to 3GPP LAA Workshop	Shellhammer	3	04:19 PM
7.072	ME	• IEEE 802.19.1a Project Press Release, Approval	Shellhammer	3	04:22 PM
7.08	ME	IEEE 802	Nikolich		04:25 PM
7.09		IEEE 802.21			04:25 PM
7.091	ME*	IEEE 802.21d Publication Press Release Approval - Motion The IEEE 802 LMSC EC approves the draft press release* (DCN 21-15-0077-00) with editorial license granted to the IEEE 802.21 WG Chair or designee	Das	0	04:25 PM
7.10		IEEE 802.22			04:25 PM
7.101	ME	IEEE 802.22b Press Release Approval -	Das	0	04:25 PM

7.11	ME	IEEE 802.24			04:25 PM
7.111	ME	IEEE 802.24, Approval Response – Liaison request from Industrial Internet Consortium	Godfrey	0	04:25 PM
					04:25 PM
8.00		Information Items			04:25 PM
8.001	II	IEEE-SA President's Update	Kraemer	10	04:25 PM
8.01	II	IEEE 802 / SA Task Force Report	Nikolich	3	04:35 PM
8.02	II	IEEE SA Staff Reports			04:38 PM
8.03		Standing Committee Reports			04:38 PM
8.031	II	802 / JTC1 SC Report	Myles	3	04:38 PM
8.032	II	802 / ITU SC Report	Parsons	3	04:41 PM
8.033	II	802 / IETF SC Report	Thaler	3	04:44 PM
8.034	II	802 Wireless Chairs SC Report	Heile	3	04:47 PM
8.035	II	Regulatory report	Lynch	3	04:50 PM
8.04		Officers Reports			04:53 PM
8.041	II	1st Vice Chair Report	Thaler	5	04:53 PM
8.042	II	2nd Vice Chair Report	Gilb	5	04:58 PM
8.043	II	Treasurer's Report	Chaplin	5	05:03 PM
8.044	II	Executive secretary report	Rosdahl	5	05:08 PM
8.045	H	Recording Secretary Report	D'Ambrosia	0	05:13 PM
8.046	II*	Appeals report -No items to report	D'Ambrosia	0	05:13 PM
8.05	II	Network Services report	Alfvn	3	05:13 PM
8.06	II*	Announcement of 802 EC Interim Telecon (Tuesday 6 Oct 2015, 1-3pm ET)	Rosdahl	0	05:16 PM
8.07	II*	Call for Tutorials for Nov 2015 Plenary (Monday 9 Nov, 2015)	Rosdahl	0	05:16 PM
8.08	II*	Announcement of 802 EC Workshop January 23, 2016 (8am-5pm) Hyatt Regency Atlanta, Atlanta, GA.	Rosdahl	0	05:16 PM
8.09	II	Action Item Status Update	D'Ambrosia	5	05:16 PM
8.10	DT	Get IEEE 802 Program Renewal Status update	Marks	10	05:21 PM
8.11	DT	Exec Session - Get IEEE 802 Program Renewal Status update		20	05:31 PM
					05:51 PM
10.00	II*	ADJOURN SEC MEETING	Nikolich	0	06:00 PM

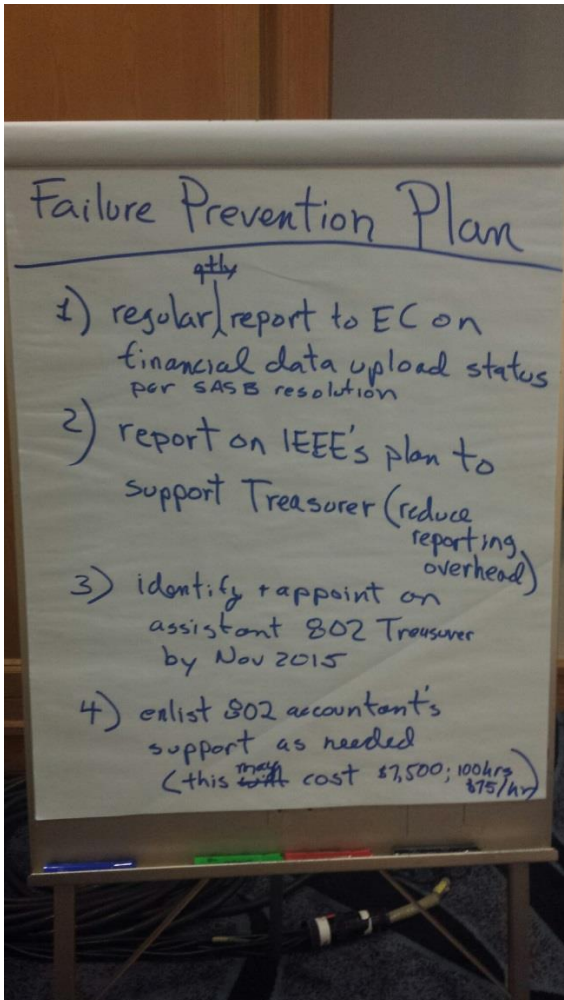
3.00	II	Announcements from the Chair	Nikolich	7	01:11 PM
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The Chair invited Debbie Bishop, the General Manager of the Hotel facility to speak to the group.

Action Item from Opening Meeting –

Item 5.51 – Nikolich Bring plan to EC on Friday regarding reporting of IEEE 802 financials into IEEE financial data base.

Chair presented following information on Failure Prevention Plan to close above Action Item.



Chair asked for EC to recommend individual potential volunteers as an assistant 802 Treasurer.

Money may be requested at a later date to support enlisting 802 accountants' support. (Note that the current PCO contract includes some accounting support)

Action Item – Nikolich- Appoint Assistant 802 Treasurer

Time: 1:08

4.00		LMSC Internal business			01:18 PM
4.01	MI	Approval, Motion to forward draft WG P&P to AudCom for review.	Gilb	10	01:18 PM

Gilb presented ec-15-0059-01-00EC-rule-changes-for-july-2015.pdf (see attached presentation).
Motion Slide shown below.

July 2015

ec-15-0059-01-00EC

Motion

- IEEE 802 EC approves sending IEEE_802_WG_PandP_v17.5.doc to AudCom for review. (with the intent that if it is approved by AudCom, it will be presented to be approved by the Executive Committee as the new WG P&P)
- Moved: Gilb
- Second:

IEEE 802 LMSC EC

Slide 17

James Gilb (Pulselink)

* Motion #2	IEEE 802 EC approves sending IEEE_802_WG_PandP_v17.5.doc to AudCom for review. (with the intent that if it is approved by AudCom, it will be presented to be approved by the Executive Committee as the new WG P&P)
Moved	Gilb
Second	DAmbrosia
Results	Motion passes with unanimous consent
Motion	Passes
Reference	Agenda Item #4.01

4.02	MI	Approval, Wireless Chairs SC, OM Initial Approval Process	Heile	5	01:28 PM
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Heile presented ec-15-0037-00-WCSG OM- Initial Approval Process (see attached file).
 Motion Slide shown below.

June 2015

doc.: ec-15-0037-00-wcsg

WCSC OM-Initial Approval Process

Motion:

Move that the EC approve the initial approval process for the WCSC OM contained on slide 3 of DCN: ec-15-0037-00-wcsg

Moved: Heile
 Second: Stephens

Submission

Slide 4

Bob Heile, WI-SUN Alliance

* Motion #3	Move that the EC approve the initial approval process for the WCSC OM contained on slide 3 of DCN: ec-15-0037-00-wcsg
Moved	Heile
Second	Stephens
Results	Motion passes with unanimous consent
Motion	passes
Reference	Agenda Item #4.02

4.031	ME	WG P&P updates for AudCom Review	Gilb	0	01:33 PM
4.04	MI*	IEEE 802 EC approves adding “Approved CSD repository” described in document ec-15-0054-01 to the IEEE 802 LMSC Chair’s Guidelines	Gilb	0	01:33 PM

Approved with approval of agenda.

Time: 1:23

4.05	MI	Future Venue Approval	Rosdahl	8	01:33 PM
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Rosdahl presented the following slides from EC-15-0056

Discussion: Group asked questions about the choice of the Hyatt Regency O’Hare. Rosdahl noted that we are facing a seller’s market, and hotel rates are more expensive.

July 2015

doc.: IEEE 802 EC-15-0056r2

4.05: MI Future Venues

**During the Future Venues AdHoc on Thursday Morning, we selected the Hytt Regency O’Hare in Rosemont, Illinois.
Which is 1.6 miles from O’Hare International Airport.**

Future Venues IEEE 802 Plenary Sessions

Meeting Venue Proposal

March 4-9, 2018

HOTEL: GRMS: MRS: F&B-MINS: WIFI:

Hytt Regency O'Hare \$179++/NT COMP \$100,000++ INC

ROOM RATE INCLUDES INTERNET ACCESS, NEWLY UPGRADED GUEST ROOMS
F&B/AV PRICING ACCEPTABLE (*Based on 2015 pricing- Need more info)
REASONABLE HOTEL NETWORKING COSTS (same as previous Hyatts – TBC)
EXCELLENT MEETING SPACE
GREAT OPTIONS FOR GROUP CONCESSIONS
WILL ACCEPT HOTEL CONTRACT MEETING CANCELLATION POLICY
2.6 MILES FROM CHICAGO O'HARE AIRPORT, COMPLIMENTARY 24 HR. SHUTTLE SERVICE
EASY ACCESS TO DOWNTOWN CHICAGO (WALKING DISTANCE TO BLUE LINE STATION - \$2.50 OW)
COMPLIMENTARY ENTERTAINMENT CIRCULATOR – EVREY 10-15 MINUTES, 7A TO 12M
-- also, walking paths to area restaurants (including 1 location with food court) & entertainment

2018 March Plenary Venue

MOTION:

**Select Hytt Regency O'Hare, Rosemont, Illinois
As the site of the 2018 March 4-9 IEEE 802 Plenary;
and Authorize the IEEE 802 Executive Secretary to
finalize the formal contract and submit for execution
by the IEEE procurement group.**

Moved: Rosdahl

2nd: Shellhammer

Results: Unanimous approval

* Motion #4	Select Hyatt Regency O'Hare, Rosemont, Illinois As the site of the 2018 March 4-9 IEEE 802 Plenary; and Authorize the IEEE 802 Executive Secretary to finalize the formal contract and submit for execution by the IEEE procurement group.
Moved	Rosdahl
Second	Shellhamer
Results	Motion passes with unanimous consent
Motion	passes
Reference	Agenda Item #4.05

4.06	MI	2016 Electronic Media	D'Ambrosia	5	01:41 PM
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D'Ambrosia presented ec-15-0061-00-00EC-2016-electronic-media (see attached file). D'Ambrosia noted the observed issue that laptops are frequently coming without DVD drives.

Discussion: EC members noted their particular choices. There was discussion regarding the 4x – 5x cost increase over current DVD electronic media. Making DVD drives available for copying onsite was suggested. If USB memories sticks were used, not getting any of the noted extras was suggested.

Motion Slide shown below

Motion

- Moved: Authorize the treasurer to treat the following expenses as customary expenses to be paid without approval of the SEC:
- Annual 802 standards electronic media (e.g. CD-ROM, CD-DVD, memory stick)

- Moved by : D'Ambrosia
- Second: Chaplin

* Motion #5	<ul style="list-style-type: none"> Moved: Authorize the treasurer to treat the following expenses as customary expenses to be paid without approval of the SEC: Annual 802 standards electronic media (e.g. CD-ROM, CD-DVD, memory stick)
Moved	DAmbrosia
Second	Chaplin
Results	14-1-0
Motion	passes
Reference	Agenda Item #4.06

4.07	MI	IEEE 802.24 Vice Chair Confirmation - Ben Rolfe	Godfrey	3	01:46 PM
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Tim Godfrey noted unanimous election of Ben Rolfe to Vice Chair in 802.24. 10-0-0. Recording Secretary noted that Ben Rolfe had submitted his endorsement / affiliation letters.

* Motion #6	Motion to confirm Ben Rolfe as Vice-Chair of 802.24 TAG.
Moved	Godfrey
Second	Gilb
Results	Motion passes with unanimous consent
Motion	passes
Reference	Agenda Item #4.07

4.08	MI	802 / JTC1 SC Vice Chair Appointment - Peter Yee	Myles	3	01:49 PM
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Myles noted Peter Yee's appointment to 802 / JTC1 SC Vice-Chair to the EC. Peter was thanked for stepping up for the role.

4.09	MI	802.11 request to approve payment of FedEx shipping charge	Stephens	3	01:52 PM
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Stephens presented the following slide.

July 2015

doc.: IEEE 802.11-15/0747r6

4.09 Approve FedEx Shipping Charge

- **Approve the payment of FedEx shipping charges related to the 802.11 anniversary give-aways not to exceed \$400.**

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

Submission

Slide 23

Dorothy Stanley, HP-Aruba Networks

* Motion #7	Approve the payment of FedEx shipping charges related to the 802.11 anniversary give-aways not to exceed \$400.
Moved	Stephens
Second	Rosdahl
Results	Motion passes unanimously
Motion	Passes
Reference	Agenda Item #4.09

Time : 1:48pm

4.10	DT	IEEE 802 Radio Regulatory Structure	Thaler	5	01:55 PM
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Thaler presented [radio-regulatory-process.pdf \(see attached file\)](#).

It was noted that was intended for discussion, and no motion is intended at this time. Discussion regarding position statements. Discussion regarding how these matters would be handled in the future, and exploration discussion about use of ad hocs or standing committees to resolve this issue. Thaler recommended the EC consider disbanding 802.18 at the Nov 2015 Plenary session.

Chair assigned Thaler action item to move topic of disbanding the 802.18 RR to EC Reflector, and will be reviewed at the Oct Conference call and / or November Plenary.

Action Item – Thaler – Move discussion of disbanding the 802.18 RR TAG to the EC reflector

4.11	MI*	APPROVE Motion: Approve minutes of Jun conference call (2015-06-02-call-minutes-v1.pdf)	Gilb	0	02:00 PM
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Approved with approval of agenda.

5.00		IEEE Standards Board and Sponsor Ballot Items			02:00 PM
5.01		IEEE 802.1			02:00 PM
5.011	ME	IEEE 802.1Q / Cor1 to Sponsor Ballot	Parsons	3	02:00 PM

Parsons presented the following slides

5.011 - P802.1Q/Cor1 ballot stats

- WG recirc #2 closed 29th June 2015.

Results:

Category	Total	Percentage
Yes	20	100.00%
No	0	0.00%
Abstain	5	14.71%
No. of Voters	50	100.00%
Voters responding	34	68.00%

- 100% approval therefore no outstanding disapproves/comments

5.011 - MOTION

- EC approves to forward 802.1Q/Cor1 D0.3 to Sponsor Ballot.

- Proposed: Messenger Second: Gray
- For 28 ___ Against 0 ___ Abstain 0 ___

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

Note there is no CSD as this is a corrigendum

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* Motion #8	EC approves to forward 802.1Q/Cor1 D0.3 to Sponsor Ballot.
Moved	Parsons
Second	Thaler
Results	Passed with unanimous consent
Motion	Passes
Reference	Agenda Item #5.011

Parsons presented the following slides. It was noted that there was no CSD at time of creation of project.

5.012 – P802.1Qbv ballot stats

- WG recirc #3 closed 18th June 2015.

Results:

Category	Total	Percentage
Yes	25	100.00%
No	0	0.00%
Abstain	14	35.90%
No. of Voters	55	100.00%
Voters responding	39	70.91%

- 100% approval therefore no outstanding disapproves/comments
- One final recirc in July/Aug timeframe

18

5.012 - 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: Johas Teener Second: Jeffree
- For 31 ___ Against 0 ___ Abstain 0 ___

- EC proposed: Parsons Second:
- For Against Abstain

19

* Motion #9	<ul style="list-style-type: none">• EC confirms the 5C:<ul style="list-style-type: none">○ 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	Passed with unanimous consent
Motion	Passes
Reference	Agenda Item #5.012

5.013	ME	IEEE 802.1Qbz to Sponsor Ballot	Parsons	3	02:06 PM
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Parsons presented the following slides.

5.013 - P802.1Qbz ballot stats

- WG Ballot D2.1 closed 6th July
- Results:
 - Category Total Percentage
 - Yes 16 84%
 - No 3 16%
 - Abstain 16 35%
 - No. of Voters 56 100%
 - Voters responding 36 64%
- Schedule
 - 1st WG ballot recirc - July/August
 - Ballot resolution - September interim
 - 2nd WG ballot recirc only if necessary

5.013 - Outstanding Comments

- Three outstanding "No" votes or must be satisfied comments.
 - Dan Romascanu
 - Philippe Klein
 - Norm Finn
 - Mark Hamilton (802.11 member)
- Commentors have indicated **they are satisfied** with the [comment resolutions](#)
 - 1 disapprove comment received from non-voter but he also indicated that his comments are resolved

Satisfied comments from voters voting No (1)

FINAL							IEEE P802.1Qbz(D2.1) Bridging 802.11 media 1st Working Group recirculation ballot comments							v1	
Cl 00	SC 0		P 5	L 39	# 1		Cl G	SC G.4.2		P 31	L 51	# 3			
Den Romescanu Avaya							Norman Finn Cisco								
Comment Type TR Comment Status R						Comment Type TR Comment Status A									
The Scope of the Project states: This standard specifies protocols, procedures, and manages objects to allow IEEE 802.11 media to provide internal connections within bridged networks, as well as access to bridged networks. However there is no mention in the current version about the managed objects.						*Infrastructure interface defined in IEEE Std 802.11ak Clause TBD* is wrong.									
SuggestedRemedy						SuggestedRemedy									
Add sections for the definition of additional managed objects and MID module, or text that explains why adding new objects is not necessary and how the already existing objects cover the additional functionality brought by this amendment						*service defined in IEEE Std 802.11ak Clause 5.2* is right.									
Response Response Status C						Response Response Status C									
REJECT. In fact, no new managed objects are required. A document is not required to fulfill every item in the scope; it is required to not exceed its scope. There is no problem. Also, this is an amendment to 802.1Q. An amendment to a standard does not contain text for itself--it only contains additions/deletions/changes to the main document. It makes no sense to add something to the main body of 802.1Q that says, "A particular one of the many amendments to this standard did not actually change clause 12."						ACCEPT IN PRINCIPLE. See Comment #14 for resolution.									
Two possibilities:						Cl G SC G.4.2 P 32 L 1 # 4									
1. Could add dummy clause 12 with an editor's note. It can only be an editor's note, because there is no text that needs to be added to the actual clause 12. That will have to be removed during the next ballot. That would, necessarily, entail an additional recirculation.						Norman Finn Cisco									
2. Explain to the group why nothing was done with Clause 12 and don't do anything to the document.						Comment Type ER Comment Status A									
The group favors choice 2.						Editor's note no longer needed.									
Cl G	SC G.4.1		P 31	L 36	# 2		Cl G	SC G.4.3		P 32	L 9	# 5			
Norman Finn Cisco						Norman Finn Cisco									
Comment Type ER Comment Status A						Comment Type TR Comment Status A									
Text is correct. Editor's note no longer needed.						TBD needs to be filled in.									
SuggestedRemedy						SuggestedRemedy									
Remove editor's note.						TBD -> 5.2.									
Response Response Status C						Response Response Status C									
ACCEPT.						ACCEPT IN PRINCIPLE. Change "the non-AP station interface defined in IEEE Std 802.11ak Clause TBD" to "the MAC service interface defined in IEEE Std 802.11 Clause 5.2"									
Cl Z	SC Z		P 33	L 1	# 6		Cl Z	SC Z		P 33	L 1	# 6			
Norman Finn Cisco						Norman Finn Cisco									
Comment Type ER Comment Status A						Comment Type ER Comment Status A									
These issues are settled.						These issues are settled.									
SuggestedRemedy						SuggestedRemedy									
Remove Z.1 and Z.2.						Remove Z.1 and Z.2.									
Response Response Status C						Response Response Status C									
ACCEPT.						ACCEPT.									

TYPE: TR=technical required, ER=editorial required, GR=general required, T=technical, E=editorial, G=general
 COMMENT STATUS: D=dispatched, A=accepted, R=rejected, RESPONSE STATUS: O=open, W=written, C=closed, U=unsatisfied, Z=withdrawn
 SORT ORDER: Comment ID

Comment ID 6

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7/16/2015 12:08:11

Satisfied comments from voters voting No (2)

FINAL IEEE P802.1Qbz(D2.1) Bridging 802.11 media 1st Working Group recirculation ballot comments v1									
Cl 6	SC 6.22	P 21	L 25	# 7	Cl 6	SC 6.3	P 30	L 32	# 10
Norman Finn Cisco					Norman Finn Cisco				
Comment Type ER Comment Status A					Comment Type TR Comment Status A				
Type					(three places) "20XX" is not sufficiently precise.				
SuggestedRemedy					SuggestedRemedy				
Capitalize initial "The"					Replace 20XX with 2015 or 2016. If there is doubt, make it 2015.				
Response					Response				
ACCEPT.					ACCEPT IN PRINCIPLE.				
Cl 6	SC 6.22	P 21	L 28	# 8	Cl A	SC A.6	P 28	L 22	# 11
Norman Finn Cisco					Norman Finn Cisco				
Comment Type TR Comment Status A					Comment Type ER Comment Status A				
"20XX" is not sufficiently precise.					"Infrastructure" is old label				
SuggestedRemedy					SuggestedRemedy				
Replace 20XX with 2015 or 2016. If there is doubt, make it 2015.					Change to "Generalized Link"				
Response					Response				
ACCEPT IN PRINCIPLE. 20XX -> 2015					ACCEPT.				
Cl 7	SC 7.5	P 22	L 8	# 9	Cl G	SC G.4	P 31	L 25	# 12
Norman Finn Cisco					Norman Finn Cisco				
Comment Type ER Comment Status A					Comment Type ER Comment Status A				
"Infrastructure port" has changed names.					"Infrastructure" is old label				
SuggestedRemedy					SuggestedRemedy				
Change "Infrastructure port" to "Generalized Link port"					Change to "Generalized Link"				
Response					Response				
ACCEPT.					ACCEPT.				

TYPE: TR=technical required, ER=editorial required, GR=general required, T=technical, E=editorial, G=general
 COMMENT STATUS: Dispositioned, Accepted, Rejected, RESPONSE STATUS: Open, Written, Closed, Unsatisfied, Withdrawn
 SORT ORDER: Comment ID

Comment ID: 12

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 7/16/2015 12:05

Satisfied comments from voters voting No (3)

FINAL	IEEE P802.1Qbz(D2.1) Bridging 802.11 media 1st Working Group recirculation ballot comments	v1		
Cl Z	SC Z.2	P 33	L 34	# 13
Mark Hamilton Polycom				
Comment Type	ER	Comment Status A		
This sentence/paragraph/clause seems to be cut off.				
Suggested Remedy				
Work with WG11TGak to get what ever it was they are supposed to supply.				
Response	Response Status U			
ACCEPT IN PRINCIPLE. See Comment #5. This was for references to 802.11/802.11ek.				
Cl G	SC G.4.2	P 31	L 50	# 14
Mark Hamilton Polycom				
Comment Type	TR	Comment Status A		
11ak has resolved how to describe what is referred to here as the "infrastructure interface".				
Suggested Remedy				
Change wording of this sentence to indicate that the convergence function maps this set of IS instances to a single instance of the MAC Service defined in IEEE Std 802.11ak clause 5.2, b providing a station vector parameter value that indicates the set of usual point-to-point links. Also, the convergence function will always provide the MSDU format parameter indicating ED format.				
Response	Response Status C			
ACCEPT IN PRINCIPLE. Rewrite G.4 to attach to 802.1AC Clause 13.6., not 13.2.x or B.2.X.				
Will keep the Portal Convergence function.				
Will generalize G.4.2 and G.4.3 and right two parts of Figure G-2.				
Annex is then normative.				

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
 COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
 SORT ORDER: Comment ID

7/18/2015 12:08:0

5.013 - 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: Haddock Second: Finn
- For_30___Against_0___Abstain_0___

- EC proposed: Parsons Second:
- For___Against___Abstain___

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Slides 20

* Motion #10	<ul style="list-style-type: none">• EC confirms the 5C:<ul style="list-style-type: none">• 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	Motion approved with unanimous consent
Motion	Passes
Reference	Agenda Item #5.013

5.014	ME	IEEE 802.1AB-REV to Sponsor Ballot	Parsons	3	02:09 PM
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Parsons presented the following slides.

5.014 – P802.1AB-REV ballot stats

- WG recirc #1 closed 6th July 2015.

Results:

Category	Total	Percentage
Yes	15	100.00%
No	0	0.00%
Abstain	11	32.35%
No. of Voters	50	100.00%
Voters responding	34	68.00%

- 100% approval therefore no outstanding disapproves/comments
- One final recirculation ballot in July/Aug₂₆ timeframe

5.014 - MOTION

- 802.1 requests EC approval to forward 802.1AB-REV to Sponsor Ballot.
- Proposed: Messenger Second: Gray
- For 27 ___ Against 0 ___ Abstain 0 ___
- EC proposed: Parsons Second:
- For ___ Against ___ Abstain ___

Note there is no CSD as this is a corrigendum

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* Motion #11	802.1 requests EC approval to forward 802.1AB-REV to Sponsor Ballot.
Moved	Parsons
Second	Thaler
Results	Motion approved with unanimous consent
Motion	Passes
Reference	Agenda Item #5.014

5.015	ME	IEEE 802.1Qca to RevCom	Parsons	3	02:12 PM
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Parsons presented the following slides.

5.015 - P802.1Qca - Last ballot statistics

- Ballot Open Date: 23-Jun-2015
- Ballot Close Date: 07-Jul-2015
- Draft #: 2.1
 - Ballots Received: 3
 - Vote Changes: 2
 - Comments: 10
- RESPONSE RATE
- This ballot has met the 75% returned ballot requirement.
- 85 eligible people in this ballot group.
 - 77 affirmative votes
 - 0 total negative votes with comments
 - 0 negative votes with new comments
 - 0 negative votes without comments
 - 5 abstention votes: (Lack of expertise: 1, Lack of time: 4)
 - 82 votes received = 96% returned
 - 6% abstention
- APPROVAL RATE
- The 75% affirmation requirement is being met.
 - 77 affirmative votes
 - 0 negative votes with comments
 - 77 votes = 100% affirmative
- The comments are: <http://www.ieee802.org/1/files/private/ca-drafts/d2/802-1Qca-d2-1-dis-v01.pdf>

35

5.015 - MOTION

- EC confirms the 5C
 - <http://www.ieee802.org/1/files/public/docs2012/new-p802-1Qca-draft-5c-0912-v03.pdf>
- And approves to submit P802.1Qca Path Control & Reservation to RevCom.
- Proposed: Haddock Second: Farkas
- For __30__ Against _0__ Abstain __0__

- EC proposed: Second:
- For _____ Against _____ Abstain _____

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* Motion #12	<ul style="list-style-type: none">• EC confirms the 5C<ul style="list-style-type: none">○ http://www.ieee802.org/1/files/public/docs2012/new-p802-1Qca-draft-5c-0912-v03.pdf• And approves to submit P802.1Qca Path Control & Reservation to RevCom.
Moved	Parsons
Second	Thaler
Results	Motion approved with unanimous consent
Motion	Passes
Reference	Agenda Item #5.015

5.016	ME	IEEE 802.1AS/Cor2 to RevCom	Parsons	3	02:15 PM
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Parsons presented the following slides.

5.016 - P802.1AS-Cor2 - Last ballot statistics

- Ballot Open Date: 29-Apr-2015
- Ballot Close Date: 29-May-2015
- Draft #: 2.0
- Comments: 4
- Must Be Satisfied Comments: 2
- **RESPONSE RATE**
 - This ballot has met the 75% returned ballot requirement.
 - 95 eligible people in this ballot group.
 - 79 affirmative votes
 - 1 total negative votes with comments
 - 1 negative votes with new comments
 - 0 negative votes without comments
 - 2 abstention votes: (Lack of expertise: 1, Lack of time: 1)
 - 82 votes received = 86% returned
 - 2% abstention
- **APPROVAL RATE**
 - The 75% affirmation requirement is being met.
 - 79 affirmative votes
 - 1 negative votes with comments
 - 80 votes = 98% affirmative
- The comments are: <http://www.ieee802.org/1/files/private/as-cor-2-drafts/d2/802-1AS-Cor-2-d2-0-dis.pdf>
- Sponsor ballot recirc will start in July

P802.1AS-Cor2 – the 2 comments associated with the single negative vote

Cl 11 *SC* 11.2.15.3 *P* 10 *L* # 1 [REDACTED]
Light Arthur H Individual

Comment Type **ER** *Comment Status* **R**
Figure 11-8 is illegible as shown.

SuggestedRemedy
It should be enlarged at least 100% and shown in landscape orientation, rather than portrait.

Response *Response Status* **W**
REJECT. The commenter has a point on the legibility; however, the proposed solution will not work because if the figure is enlarged by 100% it won't fit on one page, even in landscape mode. However, as the official document is pdf and can easily be magnified, and since this issue is generic and not limited to the single state machine in the corrigendum, this change would not be appropriate.

Cl 11 *SC* 11.2.15.3 *P* 10 *L* # 2 [REDACTED]
Light Arthur H Individual

Comment Type **GR** *Comment Status* **R**
Figure 11-8 has no EXIT or End.

SuggestedRemedy
Redraw the diagram so that it produces an output.

Response *Response Status* **W**
REJECT. An EXIT or END condition is not needed (and none of the state machines in IEEE Std 802.1AS-2011 (or any other 802.1 standards, e.g. 802.1Q-2014) have EXIT or END conditions). The state machine is always active.

5.016 - MOTION

- EC conditionally approves to forward P802.1AS/Cor-2 (Timing and Synchronization for time-sensitive applications in bridged LANs -- Technical and Editorial Corrections) to RevCom.

- Proposed: Messenger Second: Gray
- For __23__ Against _0__ Abstain __0__

- EC proposed: Parsons Second:
- For _____ Against ____ Abstain _____

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Note: There are no CSD for this maintenance project.

* Motion #13	EC conditionally approves to forward P802.1AS/Cor-2 (Timing and Synchronization for time-sensitive applications in bridged LANs -- Technical and Editorial Corrections) to RevCom.
Moved	Parsons
Second	Thaler
Results	Approved with unanimous consent
Motion	Passes
Reference	Agenda Item #5.016

5.017	ME	IEEE 802.1CM- Standard: Time-Sensitive Networking for Fronthaul PAR to NesCom	Parsons	3	02:18 PM
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Parsons presented the following slides

5.017 – 802.1CM PAR – supporting info

- Amendment: Time-Sensitive Networking for Fronthaul

- 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

5

5.017 - MOTION

- EC conditionally approves the CSD for 802.1CM and will forward the 802.1CM PAR to NesCom, pending an approved 802.1 WG ePoll motion.
 - CSD: <http://www.ieee802.org/1/files/public/docs2015/new-P802-1CM-draft-CSD-0515-v02.pdf>
 - PAR: <http://ieee802.org/1/files/public/docs2015/new-P802-1CM-draft-PAR-0715-v01.pdf>

- WG proposed: Messenger Second: Thaler
- For ___ Against ___ Abstain ___

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

6

* Motion #14	EC conditionally approves the CSD for 802.1CM and will forward the 802.1CM PAR to NesCom, pending an approved 802.1 WG ePoll motion. <ul style="list-style-type: none">– CSD: http://www.ieee802.org/1/files/public/docs2015/new-P802-1CM-draft-CSD-0515-v02.pdf– PAR: http://ieee802.org/1/files/public/docs2015/new-P802-1CM-draft-PAR-0715-v01.pdf
Moved	Parsons
Second	Thaler
Results	15-0-0
Motion	passes
Reference	Agenda Item #5.017

5.018	ME	IEEE 802.1Qcp- Amendment, YANG Data Model PAR to NesCom	Parsons	3	02:21 PM
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Parsons presented the following slides.

5.018 - .1Qcp PAR – supporting info

- Bridges and Bridged Networks
Amendment: YANG Data Model
- PAR pre-circulated to EC as per P&P
- Comments from 802.3 & 802.11 were received and [answered](#)
- Updated PAR & CSD were posted

7

5.018 - Motion

- EC approves the CSD and forwards the P802.1Qcp PAR to NesCom.
 - CSD: <http://www.ieee802.org/1/files/public/docs2015/cp-draft-Qcp-csd-0715-v1.docx>
 - PAR: <http://www.ieee802.org/1/files/public/docs2015/cp-draft-1Q-YANG-par-0715-v01.pdf>
- WG proposed: Romascanu Second: Holness
- For 26 Against 0 Abstain 0

- EC proposed: Parsons Second: Thaler
- For Against Abstain

8

* Motion #15	EC approves the CSD and forwards the P802.1Qcp PAR to NesCom. <ul style="list-style-type: none">○ CSD: http://www.ieee802.org/1/files/public/docs2015/cp-draft-Qcp-csd-0715-v1.docx○ PAR: http://www.ieee802.org/1/files/public/docs2015/cp-draft-1Q-YANG-par-0715-v01.pdf
Moved	Parsons
Second	Thaler
Results	Motion passes with unanimous consent
Motion	Passes
Reference	Agenda Item #5.018

5.019	ME	IEEE 802.1Qcn- Amendment, VSI/VDP extensions for NVO3 PAR to NesCom	Parsons	3	02:24 PM
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Parsons presented the following slides.

5.019 -.1Qcn PAR – supporting info

- Bridges and Bridged Networks - Amendment: VSI/VDP extensions for NVO3
- PAR pre-circulated to EC as per P&P
- Comments from 802.3 & 802.11 were received and [answered](#)
- Updated PAR & CSD were posted

9

5.019 - Motion

- EC approves the CSD and forwards the P802.1Qcn PAR to NesCom.
 - CSD: <http://www.ieee802.org/1/files/public/docs2015/cn-yizhou-Qcn-CSD-071.pdf>
 - PAR: <http://www.ieee802.org/1/files/public/docs2015/cn-thaler-Qcn-draft-PAR-0715.pdf>
- WG proposed: Thaler Second: Gray
- For 31 Against 0 Abstain 0

- EC proposed: Parsons Second: Thaler
- For Against Abstain

10

* Motion #16	<ul style="list-style-type: none">● EC approves the CSD and forwards the P802.1Qcn PAR to NesCom.<ul style="list-style-type: none">○ CSD: http://www.ieee802.org/1/files/public/docs2015/cn-yizhou-Qcn-CSD-071.pdf○ PAR: http://www.ieee802.org/1/files/public/docs2015/cn-thaler-Qcn-draft-PAR-0715.pdf
Moved	Parsons
Second	Thaler
Results	Motion passes with unanimous consent
Motion	Passes
Reference	Agenda Item #5.019

5.0191	ME	IEEE 802.1Xck- Amendment, YANG Data Model PAR to NesCom	Parsons	3	02:27 PM
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Parsons presented the following slides.

5.0191 -.1Xck PAR – supporting info

- Port-Based Network Access Control Amendment: YANG Data Model
- PAR pre-circulated to EC as per P&P
- Comments from 802.3 & 802.11 were received and [answered](#)
- Updated PAR & CSD were posted

11

5.0191 - Motion

- EC approves the CSD and forwards the P802.1Xck PAR to NesCom.
 - CSD: <http://www.ieee802.org/1/files/public/docs2015/ck-draft-Xck-csd-0615-v2.docx>
 - PAR: <http://www.ieee802.org/1/files/public/docs2015/ck-draft-1X-YANG-par-0615-v03.pdf>
- WG proposed: Randall Second: Holness
- For 31 Against 0 Abstain 0

- EC proposed: Parsons Second: Thaler
- For Against Abstain

12

* Motion #17	<ul style="list-style-type: none">• EC approves the CSD and forwards the P802.1Xck PAR to NesCom.<ul style="list-style-type: none">○ CSD: http://www.ieee802.org/1/files/public/docs2015/ck-draft-Xck-csd-0615-v2.docx○ PAR: http://www.ieee802.org/1/files/public/docs2015/ck-draft-1X-YANG-par-0615-v03.pdf
Moved	Parsons
Second	Thaler
Results	Motion approved with unanimous consent
Motion	Passes
Reference	Agenda Item #5.0191

5.0192	ME	IEEE 802.1AX/Cor1, LAG Technical & Editorial Corrections (48 hour rule) PAR to NesCom	Parsons	3	02:30 PM
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Parsons presented the following slides.

5.192-.1AX/Cor1 PAR – supporting info

- 802.1AX/Cor1 - Link Aggregation - Corrigendum 1: Technical and Editorial Corrections
- PAR pre-circulated to EC 48 hours in advance as per P&P
- Comments were received and updated PAR posted
- No CSD required for a maintenance PAR

13

5.0192 - Motion

- EC approves to forward the P802.1AX/Cor1 PAR to NesCom.
 - PAR: http://www.ieee802.org/1/files/public/docs2015/new-p802-1AX-2014-Cor1-PAR_0715-v2.pdf
- WG proposed: Messenger Second: Gray
- For 28 Against 0 Abstain 0

- EC proposed: Parsons Second: Thaler
- For Against Abstain

14

* Motion #18	EC approves to forward the P802.1AX/Cor1 PAR to NesCom. <ul style="list-style-type: none">• PAR: http://www.ieee802.org/1/files/public/docs2015/new-p802-1AX-2014-Cor1-PAR_0715-v2.pdf
Moved	Parsons
Second	Thaler
Results	Motion approved with unanimous consent
Motion	Passes
Reference	Agenda Item #5.0192

5.0193	ME	IEEE 802.1Qbu - Bridges and Bridged Networks Amendment: Frame Preemption to Sponsor Ballot	Parsons	3	02:33 PM
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Parsons presented the following slides.

5.0193 – P802.1Qbu ballot stats

- WG recirc #3 closed 19th June 2015.

Results:

Category	Total	Percentage
Yes	28	100.00%
No	0	0.00%
Abstain	10	26.32%
No. of Voters	56	100.00%
Voters responding	38	67.86%

- 100% approval therefore no outstanding disapproves/comments

5.0193 - MOTION

- EC confirms the 5C:
 - <http://www.ieee802.org/1/files/public/docs2012/new-p802-1qbu-draft-5c-0312-v01.pdf>
- And approves to forward 802.1Qbu Frame Preemption to Sponsor Ballot.
- WG Proposed: Johas Teener Second: Jeffree
- For_32___Against_0__Abstain_0___
- EC proposed: Parsons Second:
- For___Against___Abstain___

29

* Motion #19	<ul style="list-style-type: none">• EC confirms the 5C:<ul style="list-style-type: none">○ http://www.ieee802.org/1/files/public/docs2012/new-p802-1qbu-draft-5c-0312-v01.pdf• And approves to forward 802.1Qbu Frame Preemption to Sponsor Ballot.
Moved	Parsons
Second	Thaler
Results	Motion approved with unanimous consent
Motion	Passes
Reference	Agenda Item #5.0193

5.0194	ME	IEEE 802.1AC-REV - Media Access Control (MAC) Service Definition to Sponsor Ballot	Parsons	3	02:36 PM
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Parsons presented following slides.

5.0194 – P802.1AC-Rev ballot stats

- WG recirc #1 closed 9th July 2015.

Results:

Category	Total	Percentage
Yes	16	89.00%
No	2	11.00%
Abstain	12	40.00%
No. of Voters	50	100.00%
Voters responding	30	60.00%

- 2 disapprove voters have both indicated that their [comments](#) are resolved
- Recirculate in July/Aug, and again in Sep if necessary

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Satisfied comments from voters voting No (1)

IEEE P802.1AC-Rev D2.1 MAC Service Specification 1st Working Group recirculation ballot comments

Cl 12 SC 12.2 P 21 L 19 # 5
 Messenger, John ADVA Optical Network
 Comment Type TR Comment Status A
 Specify the value of the LLC Encapsulation EtherType.
 SuggestedRemedy
 Need to apply for a value. Remove the editor's note once the value is available.
 Response Response Status C
 ACCEPT IN PRINCIPLE. Ask the RAC for a value, pointing out that there is a value that would do nicely.

Cl 13 SC 13.2.2 P 27 L 31 # 2
 Mark Hamilton None entered
 Comment Type TR Comment Status A
 Yes, Figure 13-3 needs to have GLK removed.
 SuggestedRemedy
 (802.11 GLK) should be "(802.11 SAP)" and "General Link convergence function" should be "station convergence function"
 Response Response Status C
 ACCEPT IN PRINCIPLE. Additionally "General Link" changes to "Station" in the diagram and in the title of the diagram. Also, remove the editor's note.

Cl 13 SC 13.5.1 P 30 L 60 # 7
 Messenger, John ADVA Optical Network
 Comment Type TR Comment Status A
 Is 802.20 EPD or LPD. This must be resolved or the convergence function removed.
 SuggestedRemedy
 Discuss
 Response Response Status C
 ACCEPT IN PRINCIPLE. Remove the editor's note.

Cl 13 SC 13.5.2 P 31 L 48 # 8
 Messenger, John ADVA Optical Network
 Comment Type TR Comment Status A
 Is 802.20 EPD or LPD. This must be resolved or the convergence function removed.
 SuggestedRemedy
 Discuss
 Response Response Status C
 ACCEPT IN PRINCIPLE. Remove the editor's note.

Cl 5 SC 5.1 P 5 L 32 # 4
 Mark Hamilton None entered
 Comment Type TR Comment Status A
 How can an implementation "implement the ISS", when it is a logical interface?
 SuggestedRemedy
 I disagree with adding the conformance requirements in 5.1 and 5.4. Delete clauses 5.1 and 5.4. Which implies getting rid of "shall's in clauses 11 and 13.
 Response Response Status C
 ACCEPT IN PRINCIPLE. Remove 5.1 and 5.4. There are no shalls in 11 or 14 but the shalls in 13 are still necessary for conformance with 5.3.
 The commentor really meant 14 not 13.

Cl B SC B.2 P 38 L 33 # 1
 Mark Hamilton None entered
 Comment Type TR Comment Status A
 WG11TGak has resolved howto refer to the SAP that provides this indication of a set of virtual point-to-point links.
 SuggestedRemedy
 Change "GLK SAP" to "802.11 MAC SAP". At line 43, delete "that does not support GLK SAPs". In Figure B4, change "(802.11 GLK)" to "(802.11 SAP)"
 Response Response Status C
 ACCEPT.

Satisfied comments from voters voting No (2)

IEEE P802.1AC-Rev D2.1 MAC Service Specification 1st Working Group recirculation ballot comments

<i>Cl B</i>	<i>SC B.2.4</i>	<i>P 38</i>	<i>L 1</i>	# <input type="text" value="13"/>
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Messenger, John ADVA Optical Network

Comment Type *TR* *Comment Status* *A*
Will 802.11ak get standardised this year?

SuggestedRemedy
Remove Annex B

Response *Response Status* *C*
ACCEPT IN PRINCIPLE. Leave it in but eliminate specific references to 802.11ak and work in progress.

Replace the Editor's Note at the start of B with text as follows. "NOTE-The convergence function specified in Annex B provides a framework to allow 802.11 media to be used in the interior of an 802.1Q bridged LAN."

P38L62 and P39L20: change Clause 6 of 802.11-201X to Annex R of 802.11-2012.

P42L3: Replace the sentence starting "Clause 5.2" with "It is intended that this vector of ports be mapped to an 802.11 service parameter providing similar functions."

P42L16: delete parenthetical reference.

<i>Cl B</i>	<i>SC B.2.4</i>	<i>P 41</i>	<i>L 16</i>	# <input type="text" value="13"/>
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Mark Hamilton None entered

Comment Type *ER* *Comment Status* *D*
Figure B4 doesn't have a part 2, anymore.

SuggestedRemedy
Delete "part 2,"

Proposed Response *Response Status* *Z*
REJECT.

This comment was WITHDRAWN by the commenter.

Part 2 is the right hand part of the diagram.

5.0194 - MOTION

- EC approves to forward 802.1AC-REV (MAC Service Specification) to Sponsor Ballot.

- Proposed: Messenger Second: Gray
- For 25 ___ Against 0 ___ Abstain 0 ___

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

Note there is no CSD as this is a corrigendum

33

* Motion #20	EC approves to forward 802.1AC-REV (MAC Service Specification) to Sponsor Ballot.
Moved	Parsons
Second	Thaler
Results	Motion passes with unanimous consent
Motion	Passes
Reference	Agenda Item #5.0194

D'Ambrosia complimented Parsons on his successful channeling of "Tony time" to keep the group on schedule.

Time: 2:25pm

5.02		IEEE 802.3			02:39 PM
5.021	ME	IEEE 802.3br Interspersing Express Traffic (conditional) to Sponsor Ballot	Law	0	02:39 PM
5.022	ME	IEEE 802.3bw 100BASE-T1 (conditional) to RevCom	Law	3	02:39 PM

Law presented the following slides.



5.022 ME: IEEE P802.3bw 100BASE-T1 to RevCom (conditional)



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

Item 1: Date the ballot closed

The 1st Sponsor recirculation ballot on IEEE P802.3bw draft D3.1 closed on 12th July 2015 at 23:59 ET

Item 2: Vote tally

	Initial Draft D3.0			1 st Recirculation Draft D3.1			Req %
	#	%	Status	#	%	Status	
Abstain	7	6	PASS	7	6	PASS	< 30
Disapprove with comment	8	-	-	1	-	-	-
Disapprove w/o comment	1	-	-	0	-	-	-
Approve	89	92	PASS	98	98	PASS	≥ 75
Ballots returned	105	84	PASS	106	84	PASS	≥ 75
Voters	125	-	-	125	-	-	-
Comments	80	-	-	54	-	-	-

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

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

0 unresolved negative comments

Item 4: Recirculation ballot and resolution meeting schedule

2nd Sponsor recirculation ballot day one	1 st August 2015
2nd Sponsor recirculation ballot close date	15 th August 2015
IEEE P802.3bw comment resolution meeting	20 th August 2015
3rd Sponsor recirculation ballot day one	26 th August 2015
October RevCom submittal deadline	4 th September 2015
3rd Sponsor recirculation ballot close date	9 th September 2015
IEEE P802.3bw comment resolution meeting	14 th September 2015
October Early consideration RevCom meeting	16 th October 2015

Note: 3rd Sponsor recirculation ballot only if required

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

Motion

The IEEE 802 LMSC Executive Committee confirms the IEEE P802.3bw 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 RevCom

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

Working Group vote
Y: 101, N: 0, A: 2

Discussion regarding conditional approval process

* Motion #21	The IEEE 802 LMSC Executive Committee confirms the IEEE P802.3bw 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 RevCom
Moved	Law
Second	DAmbrosia
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #5.022

Time: 2:30pm

Chair requested that Thaler take over chairing of the meeting.

5.023	ME	IEEE 802.3 (IEEE 802.3bx) Maintenance #11 (revision) to RevCom (conditional) to RevCom	Law	3	02:42 PM
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Law presented the following slides.



**5.023 ME: IEEE P802.3 (IEEE
 802.3bx) Maintenance #11 (revision)
 to RevCom (conditional)**

IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) to RevCom (conditional)

Item 1: Date the ballot closed

The 1st Sponsor recirculation ballot on IEEE P802.3 (IEEE 802.3bx) draft D3.1 closed on 1st July 2015 at 23:59 ET

Item 2: Vote tally

	Initial Draft D3.0			1 st Recirculation Draft D3.1			Req %
	#	%	Status	#	%	Status	
Abstain	11	8	PASS	9	6	PASS	< 30
Disapprove with comment	6	-	-	0	-	-	-
Disapprove w/o comment	0	-	-	0	-	-	-
Approve	117	95	PASS	128	100	PASS	≥ 75
Ballots returned	134	83	PASS	137	85	PASS	≥ 75
Voters	160	-	-	160	-	-	-
Comments	104	-	-	12	-	-	-

IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) to RevCom (conditional)

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

0 unresolved negative comments

Item 4: Recirculation ballot and resolution meeting schedule

2nd Sponsor recirculation ballot day one	21 st July 2015
September RevCom meeting submittal deadline	24 th July 2015
2nd Sponsor recirculation ballot close date	4 th August 2015
IEEE 802.3bx Comment resolution meeting	12 th August 2015
3rd Sponsor recirculation ballot day one	15 th August 2015
3rd Sponsor recirculation ballot close date	29 th August 2015
September RevCom meeting	2 nd September 2015
IEEE 802.3bx Comment resolution meeting	15 th September 2015
October RevCom submittal deadline	4 th September 2015
October Early consideration RevCom meeting	16 th October 2015

Note: 3rd Sponsor recirculation ballot only if required

IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) to RevCom (conditional)

Motion

The IEEE 802 LMSC Executive Committee grants conditional approval to forward IEEE P802.3 (IEEE 802.3bx) to RevCom

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

Working Group vote
Y: 125, N: 0, A: 4

* Motion #22	The IEEE 802 LMSC Executive Committee grants conditional approval to forward IEEE P802.3 (IEEE 802.3bx) to RevCom
Moved	Law
Second	D'Ambrosia
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #5.023

5.024	ME	IEEE P802.3bq 25GBASE-T and 40GBASE-T PAR modification request	Law	3	02:45 PM
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Law presented the following slides.

5.024 ME: PAR modification request: IEEE P802.3bq 25GBASE-T and 40GBASE-T

IEEE P802.3bq 25GBASE-T and 40GBASE-T PAR modification request and CSD responses

Title

Standard for Ethernet Amendment: Physical Layer and Management Parameters for **25 Gb/s and 40 Gb/s** Operation, Types **25GBASE-T and 40GBASE-T**

Summary of modification request

This PAR modification would expand the scope of the existing IEEE P802.3bq 40GBASE-T project to also include 25GBASE-T

Draft PAR modification request

http://www.ieee802.org/3/25GBASET/draft_P802_3bq_PAR_150715.pdf

CSD responses

http://www.ieee802.org/3/25GBASET/draft_P802.3bq_modified_CSD.pdf

IEEE P802.3bq 25GBASE-T and 40GBASE-T PAR modification request and CSD responses

Motion

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

M: Law S: D'Ambrosia

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

Working Group votes on approval of individual items (CSD items March 2015):

Project Authorization Request:	Y: 89,	N: 0,	A: 2
Project process requirements:	Y: 53,	N: 0,	A: 5
Broad Market Potential criterion:	Y: 54,	N: 0,	A: 5
Compatibility criterion:	Y: 55,	N: 0,	A: 3
Distinct Identity criterion:	Y: 53,	N: 0,	A: 6
Technical Feasibility criterion:	Y: 55,	N: 0,	A: 3
Economic Feasibility criterion:	Y: 50,	N: 0,	A: 5

* Motion #23	The IEEE 802 LMSC Executive Committee approves the IEEE P802.3bq CSD responses and forwards the IEEE P802.3bq PAR modification request to NesCom
Moved	Law
Second	D'Ambrosia
Results	Motion approved by unanimous consent.
Motion	Passes
Reference	Agenda Item #5.024

Nikolich, fresh from powdering his nose, resumed chairing the meeting.

Time:2:35pm

5.03		IEEE 802.11			02:48 PM
5.031	ME	IEEE 802.11ai to Sponsor Ballot	Stephens	3	02:48 PM

Stephens presented following slide.

July 2015

doc.: IEEE 802.11-15/0747r6

5.031 TGai Conditional Approval Motion

- **As defined in IEEE LMSC Operations Manual (7 Nov 2014), clause 12, conditionally approve sending IEEE P802.11ai /D6.0 to Sponsor Ballot.**
- **Moved: Adrian Stephens**
- **Seconded: Jon Rosdahl**
- **Result:**



Microsoft Excel-Tabella

- **In the WG: Moved: Hiroshi Mano on behalf of the TG, Seconded: Marc Emmelmann, Result: 50-0-0 Passes**
- **See <https://mentor.ieee.org/802.11/dcn/15/11-15-0926-02-00ai-p802-11ai-report-to-ec-on-conditional-approval-to-go-to-sponsor-ballot.pptx> and pdf of remaining unsatisfied comments:**

Submission

Slide 24

Dorothy Stanley, HP-Aruba Networks

Stephens presented 11-15-0926-02-00ai-p802-11ai-report-to-ec-on-conditional-approval-to-go-to-sponsor-ballot.pptx (see attached file)

* Motion #24	As defined in IEEE LMSC Operations Manual (7 Nov 2014), clause 12, conditionally approve sending IEEE P802.11ai /D6.0 to Sponsor Ballot.
Moved	Stephens
Second	Rosdahl
Results	Motion approved by unanimous consent
Motion	passes
Reference	Agenda Item #5.031

Time: 2:39pm

5.032	ME	IEEE 802.11ah to Sponsor Ballot	Stephens	0	03:01 PM
5.033	ME	IEEE 802.11az (Next Generation Positioning) to NesCom	Stephens	3	03:01 PM

Stephens presented following slides.

July 2015

doc.: IEEE 802.11-15/0747r6

5.033 Next Generation Positioning to NesCom Motion

- **Approve sending the PAR in the PAR document cited below for P802.11az to NesCom**
- **And confirm the PAR and CSD cited below**
 - PAR document: <https://mentor.ieee.org/802.11/dcn/15/11-15-0030-09-0ngp-ngp-par-draft.docx>
 - CSD document: <https://mentor.ieee.org/802.11/dcn/15/11-15-0262-04-0ngp-csd-working-draft.docx>
 - In the WG: PAR approval result: 118-0-1 Passes, CSD approval result: 123-0-2
- **Moved: Adrian Stephens**
- **Seconded: Jon Rosdahl**
- **Result:**

Submission

Slide 25

Dorothy Stanley, HP-Aruba Networks

* Motion #25	<ul style="list-style-type: none">• Approve sending the PAR in the PAR document cited below for P802.11az to NesCom• And confirm the PAR and CSD cited below<ul style="list-style-type: none">○ PAR document: https://mentor.ieee.org/802.11/dcn/15/11-15-0030-09-0ngp-ngp-par-draft.docx○ CSD document: https://mentor.ieee.org/802.11/dcn/15/11-15-0262-04-0ngp-csd-working-draft.docx
Moved	Stephens
Second	Rosdahl
Results	Motion passes with unanimous consent
Motion	passes
Reference	Agenda Item #5.033

Time: 2:41pm

5.04		IEEE 802.15			02:54 PM
5.041	ME	IEEE 802.15.9 to Sponsor Ballot	Heile	3	02:54 PM

Heile presented the following slides.

July 2015

doc.: IEEE 15-15-0583-00

**Unconditional Approval to forward
802.15.9 Recommended Practice for a 15.4
Key Management Protocol to Sponsor
Ballot**

Submission

Slide 4

Bob Heile, Wi-SUN Alliance

802.15.9 to Sponsor Ballot

Ballot History:

Initial Ballot (LB98): Opened: 11/11/2014 Closed: 12/11/2014

Voter Pool: 100, Number that Voted: 68

Yes: 55 / Abstain: 6 / No: 7

Recirc 1 (LB102): Opened: 03/12/2015 Closed: 03/27/2015

Voter Pool: 100, Number that Voted: 71

Yes: 60 / Abstain: 5 / No: 6

Recirc 2 (LB106): Opened: 04/28/2015 Closed: 05/13/2015

Voter Pool: 100, Number that Voted: 71

Yes: 64 / Abstain: 5 / No: 2

Recirc 2 (LB108): Opened: 05/20/2015 Closed: 06/04/2015

Voter Pool: 100, Number that Voted: 71

Yes: 66 / Abstain: 5 / No: 0 (and no comments received)

802.15.9 to Sponsor Ballot

Working Group reviewed the 5C for 802.15.9 and affirms that the 5C, as modified to remove 15.7, has been met. (WG vote 39-0-1)

Comment Resolution detail can be found in docs:

<https://mentor.ieee.org/802.15/dcn/14/15-14-0718-20-0009-p802-15-9-consolidated-comments.xls>

<https://mentor.ieee.org/802.15/dcn/15/15-15-0283-06-0009-p802-15-9-d2-0-consolidated-comments.xls>

<https://mentor.ieee.org/802.15/dcn/15/15-15-0416-03-0009-p802-15-9-d3-0-consolidated-comments.xls>

802.15.9 to Sponsor Ballot

Motion:

802.15 requests unconditional approval from the EC to submit 802.15.9 Recommended Practice draft D4.0_P802-15-9_Draft_Standard.pdf to Sponsor Ballot.

(WG: 40-0-0)

Moved: Bob Heile

Second: Clint Chaplin

* Motion #26	802.15 requests unconditional approval from the EC to submit 802.15.9 Recommended Practice draft D4.0_P802-15-9_Draft_Standard.pdf to Sponsor Ballot.
Moved	Heile
Second	Chaplin
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #5.041

Time: 2:43pm

5.042	ME	IEEE 802.15.4n to RevCom	Heile	3	02:57 PM
5.043	ME	IEEE 802.15.9 PAR Extension (under 48 hour rule) to NesCom	Heile	3	03:00 PM

Heile presented following slide.

July 2015

doc.: IEEE 15-15-0583-00

802.15.9 Extension PAR to NesCom

**Requesting 1 year extension (Dec 2015 to Dec 2016).
Expected submission to RevCom is February 2016**

**Move that the 802EC approve forwarding the 802.15.9
Change PAR (DCN: 15-15-0553-01) to NesCom for
consideration.
(WG vote: 40-0-0)**

**Moved: Bob Heile
Second: Clint Chaplin**

Submission

Slide 9

Bob Heile, Wi-SUN Alliance

* Motion #27	Move that the 802EC approve forwarding the 802.15.9 Change PAR (DCN: 15-15-0553-01) to NesCom for consideration.
Moved	Heile
Second	Chaplin
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #5.043

Time: 2:44pm

5.044	ME	IEEE 802.15.3 Revision PAR / CSD to NesCom	Heile	3	03:03 PM
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Heile presented following slides

July 2015

doc.: IEEE 15-15-0583-00

802.15.3 Revision PAR to NesCom Comments and Resolutions

3 Comments Received:

From 802.11: 2.1 The title is ambiguous, the new title should still have some definition or indication that this is a WPAN standard.

Response: 802.15 moved beyond a purely PAN oriented group well over 10 years ago. This title (Standard for High Data Rate Wireless Networks) reflects today's reality and is consistent with the titles now in use on other 802.15 Standards. We appreciate the comment but plan to stay with the current title.

From 802.11: 5.2 The scope is very ambiguous and does not provide a boundary for the reader to determine what is covered by this standard.

Response: This scope has been approved by the EC and NesCom on two previous occasions over the last 18 months. We appreciate the comment but are staying with the scope as submitted.

802.15.3 Revision PAR to NesCom Comments and Resolutions

3 Comments Received (cont):

From 802.3: IEEE P802.15.3 PAR 6.1.b, the conversion to use of 48-bit addresses, and the asserted expectation of a higher volume of implementations, could increase significantly OUI consumption by implementation of this standard. Therefore, it is appropriate for this revision to be reviewed by the RAC. Please answer YES rather than NO.

Response: While we expect volumes to significantly increase over what they are today, they will still be small compared to Ethernet, 802.11, or 802.15.1 (Bluetooth). While we are willing to include the RAC, we question whether it is a necessary/productive use of RAC time and whether it is really appropriate to answer YES. We will follow the consensus of the EC on this issue.

(WG 39-0-0)

802.15.3 Revision PAR to NesCom

Motion:

The 802.15 WG requests 802EC approval to forward the 802.15.3 Revision PAR (DCN: 15-15-0324-00 modified with a YES answer to question 6.1b) to NesCom

Moved: Bob Heile

Second: Clint Chaplin

It was requested that Heile show the PAR. It was noted that there was no mention of “.15” or “.3” in the title. It was noted that the scope and title would be applicable to an 802.11 amendment. Concern that this was create confusion and distinct identity issues with other IEEE 802 Ethernet Standards. Rebuttal expressed by Stephens was approved by 802.11.

It was noted that the title was changed to bring in line with other 802.15 standards. Concern over the title and its relation to other standards.

It was asked why “Personal Area Networks” – it was noted that 802.15 standards have moved beyond personal area networks. Debate over which standard would have a distinct identity issue since other standards came after this standard.

Bob noted that he was authorized by 802.15 to change the motion to leave the title unchanged.

* Motion #28	The 802.15 WG requests 802EC approval to forward the 802.15.3 Revision PAR (DCN: 15-15-0324-00 modified with a YES answer to question 6.1b) to NesCom
Moved	Heile
Second	Chaplin
Results	
Motion	
Reference	Agenda Item #5.044

* Motion #29	Move to amend Motion #28 to “The 802.15 WG requests 802EC approval to forward the 802.15.3 Revision PAR (DCN: 15-15-0324-00 modified with a YES answer to question 6.1band with no change to the original title) to NesCom
Moved	Heile
Second	Rosdahl
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #5.044

* Motion # 28 (amended)	The 802.15 WG requests 802EC approval to forward the 802.15.3 Revision PAR (DCN: 15-15-0324-00 modified with a YES answer to question 6.1band with no change to the original title) to NesCom
Moved	Heile
Second	Chaplin
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #5.044

5.045	ME	IEEE 802.15.9 PAR Modification to NesCom	Heile	3	03:06 PM
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Heile presented the following slides.

July 2015

doc.: IEEE 15-15-0583-00

802.15.9 Change PAR to NesCom Comments/Resolutions on PAR/5C

2 Comments Received:

From 802.11: 8.1 for a PAR modification, an explanation of what changes are being made shall be included.

Response: Agreed. We have added the following text to 8.1-- *Reason for change: When the project was originally started the goal was to include both 15.4 and 15.7 in the Recommended Practice. As work proceeded, it became evident that changes were needed in 15.7 which the group had hoped might be accommodated within the timeframe of this project. When the 15.7 project activity was converted to a Revision it was no longer possible to align the project timelines and it was decided to defer support for 15.7 to a later time.*

From 802.11: 5.3 Can this be updated as part of the PAR Modification?

Response: It can and has been updated to indicate this standard is no longer dependent on the completion of another standard.

(WG 36-0-0)

Submission

Slide 13

Bob Heile, Wi-SUN Alliance

July 2015

doc.: IEEE 15-15-0583-00

802.15.9 Change PAR to NesCom

Move that the 802EC approve forwarding the 802.15.9 Change PAR (DCN: 15-15-0464-01) to NesCom for approval.

(WG vote: 40-0-0)

Moved: Bob Heile

Second: Clint Chaplin

Submission

Slide 14

Bob Heile, Wi-SUN Alliance

* Motion # 30	Move that the 802EC approve forwarding the 802.15.9 Change PAR (DCN: 15-15-0464-01) to NesCom for approval.
Moved	Heile
Second	Chaplin
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #5.045

5.05	-	IEEE 802.16	Marks	0	03:09 PM
5.06	ME	IEEE 802.18	Lynch	-	03:09 PM
5.07		IEEE 802.19			03:09 PM
5.071	ME	IEEE 802.19.1a PAR to NesCom	Shellhammer	3	03:09 PM

Shellhammer presented the following slides

802.19.1a PAR to NesCom

- 802.11
 - No comments
- 802.3
 - No comments
- Paul Nikolich
 - The PAR states 30 people are expected to participate in the project, what is the rationale for that number? I haven't seen that level of participation in the 802.19.1 project in the past and would like to ask the group to consider using a more realistic number that is based on the historical level of participation in the 802.19.1 project. Other than that, the PAR looks good.
- No comments from other WGs

802.19.1a PAR to NesCom

- We changed the number of people expected to participate in the project from 30 to 12, based on the CUB study group attendance history
 - The range of the study group attendance varied from about 10 to 20 people
 - Details are available in SG CUB meeting minutes on Mentor
- No Changes made to the CSD

2

802.19.1a PAR to NesCom

Working Group Motion

- To approve the 802.19.1a PAR (doc. 802.19-15/0028r8) and CSD (doc. 802.19-15/0029r5) and submit to IEEE 802 Executive Committee
 - Move: Hyunduk Kang
 - Second: Naotaka Sato
 - Yes: 10
 - No: 0
 - Abstain: 0
 - Motion Passed

3

802.19.1a PAR to NesCom

Executive Committee Motion

- Move to approve the 802.19.1 CSD and to submit the 802.19.1a PAR to NesCom
 - Move: Steve Shellhammer
 - Second:
 - Yes:
 - No:
 - Abstain:

4

* Motion #31	Move to approve the 802.19.1 CSD and to submit the 802.19.1a PAR to NesCom
Moved	Shellhammer
Second	Mody
Results	Approved by unanimous consent.
Motion	Passes
Reference	Agenda Item #5.071

Time: 3:09pm

5.08	-	IEEE 802.21	Das	-	03:12 PM
5.09		IEEE 802.22			03:12 PM
5.091	ME	IEEE 802.22b to RevCom	Mody	3	03:12 PM

Mody presented the following slides.

Motion

Motion for Approval to Forward the IEEE P802.22b (Amendment on Enhancements for Broadband Services and Monitoring Applications) to the IEEE SA- RevCom

Submission

Slide 2

Apurva N. Mody, BAE Systems

July 2015

doc.: IEEE 802.22-15/0023r01

IEEE P802.22b Sponsor Ballot History and Statistics

IEEE Sponsor Ballot	Launch Date	# of Comments Received	Comment Resolution Status	Response Ratio	Approval Ratio	Draft Status
SB #1 (P802.22b Draft v4.0)	8 th Feb – 10 th March 2015	33	Comments were addressed and Resolved	84%	100%	P802.22b Draft v5.0 Prepared
SB Re-circ #1 (P802.22b Draft v5.0)	29 th April – 9 th May 2015	2	Comments were addressed and Resolved	86%	100%	P802.22b Draft v6.0 Prepared
SB Re-circ #2 (P802.22b Draft v6.0)	26 th May to 6 th June	2	Comments were addressed and Resolved	87%	100%	P802.22b Draft v6.0 to the IEEE SA-RevCom

Submission

Slide 3

Apurva N. Mody, BAE Systems

Motion for Approval to forward the IEEE P802.22b to the IEEE SA RevCom

<p>BALLOT CLOSE DATE: 06-Jun-2015</p> <p>TYPE: New</p> <p>DRAFT #: 6</p> <p>BALLOTS RECEIVED: 1</p> <p>COMMENTS: 2</p> <p>RESPONSE RATE This ballot has met the 75% returned ballot requirement.</p> <p>83 eligible people in this ballot group.</p> <p>66 affirmative votes</p> <p>0 total negative-votes with comments</p> <p>0 negative votes with new comments</p> <p>0 negative votes without comments</p> <p>7 abstention votes: (Lack of time: 6, Other: 1)</p> <hr/> <p>73 votes received = 87% returned</p> <p>9% abstention</p>	<p>APPROVAL RATE The 75% affirmation requirement is being met.</p> <p>66 affirmative votes</p> <p>0 negative votes with comments</p> <hr/> <p>66 votes = 100% affirmative</p>
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Vote Tally on the
P802.22b Sponsor Ballot
Re-circ #2 on P802.22b
Draft 6.0

Motion for Approval to forward the IEEE P802.22b to the IEEE SA-RevCom

We received Two Comments during Re-circulation Ballot #2 on Draft 6.0. One Technical and the Other Editorial. Both of these comments are NOT ‘Must be Satisfied’ and the Votes from the Commenters are to Approve the P802.22b Draft 6.0.

The P802.22b Ballot Resolution Committee addressed and resolved the comments. They have been uploaded to MyProject and may also be found on the Mentor –

<https://mentor.ieee.org/802.22/dcn/15/22-15-0015-00-0000-p802-22b-sponsor-ballot-re-circ-2-comment-resolutions.xlsx>

Motion for Approval to forward the IEEE P802.22b to the IEEE SA-RevCom

Comment on P802.22b Draft 6.0 and their Resolution

Comment	Disposition Status	Disposition Detail
<p>[TECHNICAL COMMENT - MUST BE SATISFIED - 'NO'] I like most new structures. Optimized and extensible. However, has anybody measured application data throughput vs bandwidth used by overheads of complex MAC management frames and PHY level complexities? Does it make sense to review the spec from a perspective of reducing overheads (it would be great to identify choice points to better network bandwidth utilization by trading off with higher latencies, limited functionalities, stricter sequencing guidelines like max unsolicited bandwidth allocations per sub-frame or limited number of self-coexistence allocations depending on traffic in A-WRAN cell etc.). Maybe many of the header check sequences can become optional if the network is measured to be good and will become required only in noisy networks at a threshold? Existence or absence of HCS can be indicated by the size of these headers...</p>	Rejected	<p>This is an invalid comment, since the commenter makes a suggestion to optimize the P802.22b MAC but fails to identify changes in sufficient detail so that the specific wording of the changes can be determined. Conducting some study to review the spec from the perspective of reducing overhead is a good general suggestion but is not actionable. The Commenter points out that perhaps the Header Check Sequences (HCS) can become optional if the network is measured to be good. However, he does not specifically provide any actionable wordings such that any changes to the draft may be made.</p> <p>Also, the commenter needs to note that since this is a Re-circulation, a balloter can only change his or her vote based on the changed portions of the draft or on the unresolved negatives. Balloters cannot change their vote based on clause(s) previously seen and approved (unless that clause is affected by the new material).</p> <p>The Balloter has provided a General Comment but it does not pertain to any Clause that had been changed during the previous ballot or on any unresolved negatives.</p> <p>Hence the P802.22b Ballot Resolution Committee Rejects this comment.</p>
<p>[EDITORIAL COMMENT] There may be a typo in 9.7.2.2 Puncturing. In the crossed-out text you list the referenced subclause as "9.7.1.2.2." However, the new text refers to "9.7.1.2." I am not sure if you made a purposeful update or if this is simply a typo.</p>	Accepted	<p>The list of subclause is a typo. Please change "9.7.1.2" to "9.7.2.1.2" during the publication process.</p>

Rules for Forwarding the Standards to IEEE SA RevCom

[IEEE 802 LMSC Operations Manual, v16 Revised November 7, 2014 Page 16]

Conditions:

- a) Recirculation ballot is completed. Generally, the recirculation ballot and resolution should occur in accordance with the schedule presented at the time of conditional approval. – **CONDITION SATISFIED**
- b) After resolution of the recirculation ballot is completed, the approval percentage is at least 75% and there are no new valid DISAPPROVE votes. – **CONDITION SATISFIED**
- c) No technical changes, as determined by the WG Chair, were made as a result of the recirculation ballot. **CONDITION SATISFIED**
- d) No new valid DISAPPROVE comments on new issues that are not resolved to the satisfaction of the submitter from existing DISAPPROVE voters. **CONDITION SATISFIED**
- e) If the WG Chair determines that there is a new invalid DISAPPROVE comment or vote, the WG Chair shall promptly provide details to the Sponsor. **N/A**
- f) The WG Chair shall immediately report the results of the ballot to the Sponsor including: the date the ballot closed, vote tally and comments associated with any remaining disapproves (valid and invalid), the WG responses and the rationale for ruling any vote invalid. **DETAILS PROVIDED TO THE EC BY AN E-MAIL DATED JUNE 28 2015**

WG Motion

P802.22b WG Motion – Document – [22-15-0022 Rev0](#)

The 802.22 WG affirms that the P802.22b Draft 6.0 meets all the requirements of the P802.22b [PAR](#) and grandfathered 5C ([22-11-0119-04-0000](#)). The 802.22 WG authorizes the WG chair to seek approval from the IEEE 802 Executive Committee to forward P802.22b Draft 6.0, which has met all the conditions as stated in the IEEE 802 operations manual, to the IEEE SA RevCom.

Move: Chang-Woo Pyo

Second: Gabriel Villardi

For: 5

Against: 0

Abstain: 0

Motion Passes with Unanimous Consent.

Motion for a Approval to forward the IEEE P802.22b Draft 6.0 to the IEEE SA RevCom

EC Confirms the P802.22b [PAR](#) and the [5C](#) and Moves to grant approval as per the IEEE 802 Operations Manual to forward IEEE P802.22b Draft 6.0 to the IEE SA- RevCom.

Move: Apurva N. Mody,

Second: Steve Shellhammer

For:

Against:

Abstain:

Any Objections, No Objections Heard

Motion Passes

* Motion #32	EC Confirms the P802.22b PAR and the 5C and moves to grant approval as per the IEEE 802 Operations Manual to forward IEEE P802.22b Draft 6.0 to the IEE SA- RevCom.
Moved	Mody
Second	Shellhammer
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #5.091

5.10		IEEE 802 Privacy Recommendations EC Study Group			03:15 PM
5.101	ME	IEEE 802E PAR to NesCom	Zuniga	3	03:15 PM

Zuniga presented the following slides.

privecsg-15-0032-00-ecsg

**IEEE 802 EC Privacy Recommendation SG
Closing Report**

**802 Plenary Meeting
July 13-17, 2015**

**Juan Carlos Zuniga, InterDigital Labs
(EC SG Chair)**

July 2015 F2F Meeting

- Venue
 - Hilton Waikoloa, HI, USA
- Sessions
 - Tuesday EVE 19:30 – 21:30, Kings 1
 - Wednesday PM1 13:30 – 15:30, Kings 1
 - Thursday AM1, 8:00 – 10:00, Queens 5

2

IEEE Press Release and Media Coverage (1/2)

- **IEEE Press Release**
 - IEEE Announces Successful Wireless Privacy Trials at IETF and IEEE 802® Meetings
 - http://standards.ieee.org/news/2015/wireless_privacy_trials.html
- **MAC Address Privacy Inches Towards Standardisation "IEEE hums along to IETF anti-surveillance tune"**
 - The Register, June 26, 2015, http://www.theregister.co.uk/2015/06/26/mac_address_privacy_inches_towards_standardisation/
- **MAC Address Randomization Gets Closer to Becoming a Standard**
 - Softpedia, June 26, 2015, <http://news.softpedia.com/news/mac-address-randomization-gets-closer-to-becoming-a-standard-485372.shtml>

3

IEEE Press Release and Media Coverage (2/2)

- **IEEE said it successfully tested improved privacy features for Wi-Fi at field trials.**
 - RCR Wireless, Kelly Hill, June 26, 2015, <http://www.rcrwireless.com/20150626/test-and-measurement/test-and-measurement-keystone-to-work-with-korea-telecom-on-5g-tag6>
- **IEEE Group Recommends Random MAC Addresses for Wi-Fi Security**
 - CSO, July 8, 2015, <http://www.csoonline.com/article/2945044/cyber-attacks-espionage/ieee-groups-recommends-random-mac-addresses-for-wi-fi-security.html>
- **IEEE Study Group Recommends Improvements in Wi-Fi Security**
 - FierceWireless, July 9, 2015, <http://www.fiercewireless.com/tech/story/ieee-study-group-recommends-improvements-wi-fi-security/2015-07-09>

4

IEEE 802 Privacy Recommendation PAR/CSD (1/2)

- **PAR/CSD pre-circulated with 802 EC**
 - PAR/CSD Proposal
 - <https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0004-04-0000-privacy-recommendation-par-csd-proposal.pptx>
 - PAR Text
 - <https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0006-01-ecsg-privacy-recommendation-par-proposal.pdf>
- **Received comments and responses**
 - <https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0031-00-ecsg-response-to-par-and-csd-comments.pptx>

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IEEE 802 Privacy Recommendation PAR/CSD (2/2)

- **PAR/CSD updated after comment resolution**
 - PAR proposal
 - <https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0030-00-ecsg-privacy-ec-sg-par-proposal.pdf>
 - CSD proposal
 - <https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0029-01-0000-privacy-ec-sg-csd-proposal.docx>

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Privacy EC SG Motion #1

- To accept documents:
 - <https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0030-00-ecsg-privacy-ec-sg-par-proposal.pdf>
 - <https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0029-01-0000-privacy-ec-sg-csd-proposal.docx>

as the proposed PAR / CSD for consideration by 802.1 WG and approval at the 802 EC closing meeting.

Moved by: Dan Harkins

Seconded by: Karen Randall

For 7, Against 0, Abstain 0 – (Room count 8)

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Privacy EC SG Motion #2

- To accept document
<https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0031-00-ecsg-response-to-par-and-csd-comments.pptx>
as the response to the PAR / CSD comments received from 802.3 and 802.11.

Moved by: Paul Nikolich

Seconded by: Dan Harkins

For 7, Against 0, Abstain 0– (Room count 8)

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Technical Presentations

- Carlos Bernardos (UC3M)
 - *Wi-Fi Privacy network experiment at IEEE 802 May plenary and IETF91 meetings*
 - <https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0028-00-0000-wifi-privacy-network-experiment-at-ieee-802-may-plenary-and-ietf91-meetings.pptx>
- Threat Model Discussions
 - *IAB Privacy and Security Program*
 - <https://www.iab.org/activities/programs/privacy-and-security-program/>
 - *Confidentiality in the Face of Pervasive Surveillance: A Threat Model and Problem Statement*
 - <https://wiki.tools.ietf.org/html/draft-iab-privsec-confidentiality-threat-07>

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Proposed Next Steps

- Extend EC SG for one more cycle to continue working until the PAR gets approved
 - Work on draft contribution capturing the main concepts that have been discussed so far
 - Continue discussions about privacy threat model (e.g. IAB draft), functionalities to improve privacy, etc.
- Group would like to continue working with different groups in IEEE 802 as well as external communities (e.g. IETF, Academia, etc.). In order to facilitate the work, the group would like to:
 - Maintain document archive
 - Maintain *stds-802-privacy@listserv.ieee.org* email reflector
 - Meet preferably during IEEE 802 plenaries to take advantage of the colocation of different WGs

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Future Plans

- Upcoming meetings (if SG is renewed)
 - Teleconferences
 - 2 September 2015 (10:00 AM ET), Teleconference
 - 30 September 2015 (10:00 AM ET), Teleconference
 - 21 October 2015 (10:00 AM ET), Teleconference
 - 9-13 November, 2015, IEEE 802 Plenary meeting in Dallas, TX, USA

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Proposed Motion #1 to the EC

- To approve the PAR and CSD proposal as provided in:
 - PAR: <https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0030-00-ecsg-privacy-ec-sg-par-proposal.pdf>
 - CSD: <https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0029-01-0000-privacy-ec-sg-csd-proposal.docx>
 - Moved by:
 - Seconded by:

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Discussion regarding the project # - it was noted that this is the next project # in the 802 O&A Series. It is not an amendment – it is a stand-alone recommended practice.

Discussion regarding whether a separate WG was explored. It was noted that this matter was discussed, and it was felt that it fit better into 802.1

* Motion #33	To approve the PAR and CSD proposal as provided in: <ul style="list-style-type: none"> • PAR: https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0030-00-ecsg-privacy-ec-sg-par-proposal.pdf • CSD: https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0029-01-0000-privacy-ec-sg-csd-proposal.docx
Moved	Parsons
Second	Thaler
Results	Motion approved by unanimous consent.
Motion	Passes
Reference	Agenda Item #5.101

Time: 3:23pm

6.00		Executive Committee Study Groups, Working Groups, TAGs			03:18 PM
6.01		IEEE 802.1			03:18 PM
6.011	II	IEEE 802.1 Local MAC Address	Parsons	3	03:18 PM

Parsons presented the following slide.

6.011 - 802.1 SG – local address

- With the approval of the 802c PAR this SG has been disbanded
- The 802c PAR will be progressed in the 802.1 DCB TG
- Additional PARs (e.g., protocols for local address acquisition) may be proposed at future plenaries

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Time: 3:27pm

6.02		IEEE 802.3			03:21 PM
6.021	MI	IEEE 802.3 Next Generation Ethernet Passive Optical Networking (NG-EPON), Formation	Law	3	03:21 PM

Law presented the following slide.

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

Motion

The IEEE 802 LMSC Executive Committee grants approval for the formation of the IEEE 802.3 Next Generation Ethernet Passive Optical Network (NG-EPON) Study Group within IEEE 802.3

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

Working Group vote:
Y: 90, N: 0, A: 2

* Motion #34	The IEEE 802 LMSC Executive Committee grants approval for the formation of the IEEE 802.3 Next Generation Ethernet Passive Optical Network (NG-EPON) Study Group within IEEE 802.3
Moved	Law
Second	DAmbrosia
Results	Motion approved by unanimous consent.
Motion	Passes
Reference	Agenda Item #6.021

Time: 3:28pm

6.022	MI	IEEE 802.3 2.5 Gb/s and 5 Gb/s Ethernet Backplane and Short Reach Copper Cable Formation	Law	3	03:24 PM
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Law presented the following slide.

IEEE 802.3 2.5/5 Gb/s Ethernet Backplane and Short Reach Copper Cable Study Group

Motion

The IEEE 802 LMSC Executive Committee grants approval for the formation of the IEEE 802.3 2.5 Gb/s and 5 Gb/s Ethernet over Backplane and Copper Cable Study Group within IEEE 802.3

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

Working Group vote:
Y: 75, N: 1, A: 15

Law noted he is working on a press release and will send to EC reflector in a few days.

* Motion #35	The IEEE 802 LMSC Executive Committee grants approval for the formation of the IEEE 802.3 2.5 Gb/s and 5 Gb/s Ethernet over Backplane and Copper Cable Study Group within IEEE 802.3
Moved	Law
Second	D'Ambrosia
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #6.022

Time: 3:32pm

6.023	MI	IEEE 802.3 25GBASE-T Study Group (2nd extension)	Law	3	03:27 PM
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Law presented the following slide.

IEEE 802.3 25GBASE-T Study Group (2nd extension)

Motion

The IEEE 802 LMSC Executive Committee approves an extension to the IEEE 802.3 25GBASE-T Study Group (2nd extension)

M: Law S: D'Ambrosia

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

Working Group vote

Y: 96, N: 0, A: 0

* Motion #36	The IEEE 802 LMSC Executive Committee approves an extension to the IEEE 802.3 25GBASE-T Study Group (2nd extension)
Moved	Law
Second	DAmbrosia
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #6,023

Time: 3:33pm

6.03		IEEE 802.11			03:30 PM
6.031		IEEE 802.11 1. Next Generation Positioning Study Group (2nd Extension)	Stephens	3	03:30 PM

Stephens presented the following slide.

July 2015

doc.: IEEE 802.11-15/0747r6

6.031 NGP Extension (second)

- **Extend the 802.11 Next Generation Positioning (NGP) study group**

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

- **In the WG: Moved: Jonathan Segev on behalf of the SG, Second: Edward Au, Result: 48-0-1 Passes**

Submission

Slide 30

Dorothy Stanley, HP-Aruba Networks

* Motion #37	Extend the 802.11 Next Generation Positioning (NGP) study group
Moved	Stephens
Second	Rosdahl
Results	Motion passed by unanimous consent
Motion	Passes
Reference	Agenda Item #6.031

Stephens informed EC of email sent to EC reflector regarding formation of new TIG, "Long Range, Low Power."
Reference email URL - <http://www.ieee802.org/secmail/msg19164.html>

Time: 3:34pm

6.04	MI	IEEE 802.15			03:33 PM
6.041	MI	IEEE 802.15.4 Study Group, PAR—Guide on use of IEEE 802.15.4 Standard, Formation	Heile	3	03:33 PM
6.042	MI	IEEE 802.15.4 Study Group, Consolidated LLC for use with the 802.15.4 MAC, Formation	Heile	3	03:36 PM

Heile presented the following slides.

July 2015

doc.: IEEE 15-15-0583-00

New Study Group for a 15.4 LLC Standard

Objective:

- Make IEEE 802.15.4 easier to use, like IEEE 802.11 (WiFi) and IEEE 802.3 (Ethernet)
- Enable IEEE 802.15.4 to use many of the higher layer protocol stacks used by IEEE 802.11 and IEEE 802.3 without changes
- Allow IEEE 802.15.4 to address new applications, yet maintain backward compatibility with existing devices and applications

Anything coming out of this will be reviewed by and coordinated with 802.1

Submission

Slide 16

Bob Heile, Wi-SUN Alliance

July 2015

doc.: IEEE 15-15-0583-00

New Study Group for a 15.4 LLC Standard

Motion: Request the 802EC approve the formation of a new Study Group in 802.15 to generate a PAR and CSD for a 15.4 LLC Standard (WG vote: 35-0-1)

Moved: Bob Heile

Second: Clint Chaplin

Submission

Slide 17

Bob Heile, Wi-SUN Alliance

Heile expressed his view that this would be an 8 month long SG and would allow co-ordination with 802.1

* Motion #38	Request the 802EC approve the formation of a new Study Group in 802.15 to generate a PAR and CSD for a 15.4 LLC Standard
Moved	Heile
Second	Chaplin
Results	Approved by unanimous consent.
Motion	Passes
Reference	Agenda Item #6.042

6.05	-	IEEE 802.16	Marks	-	03:39 PM
6.06	MI	IEEE 802.18	Lynch	-	03:39 PM
6.07		IEEE 802.19			03:39 PM
6.071	MI	IEEE 802.19 Coexistence in Unlicensed Bands Study Group (2nd Extension)	Shellhammer		03:39 PM

Shellhammer presented the following slide.

Coexistence in Unlicensed Bands (CUB) Study Group Extension

- Move to approve the second extension of the CUB study group
 - Move: Steve Shellhammer
 - Second:
 - Yes:
 - No:
 - Abstain:

* Motion #39	Move to approve the second extension of the CUB study group
Moved	Shellhammer
Second	Mody
Results	Approved by unanimous consent.
Motion	Passes
Reference	Agenda Item #6.071

6.08	-	IEEE 802.21	Das	-	03:39 PM
6.09	-	IEEE 802.22	Mody	-	03:39 PM
6.10	-	IEEE 802.24	Godfrey	-	03:39 PM
6.11		IEEE 802 Privacy Recommendation EC Study Group			03:39 PM
6.111	MI	IEEE 802 Privacy Recommendations EC Study Group (3rd Extension)	Zuniga	3	03:39 PM

Zuniga presented the following slide.

privecsg-15-0032-00-ecsg

Proposed Motion #2 to the EC

- To approve the extension of the IEEE 802 EC Privacy Recommendation Study Group until the end of the November 2015 meeting.
- Moved by:
- Seconded by:

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* Motion #40	To approve the extension of the IEEE 802 EC Privacy Recommendation Study Group until the end of the November 2015 meeting.
Moved	Thaler
Second	Parsons
Results	Approved by unanimous consent.
Motion	Passes
Reference	Agenda Item #6.111

Break @3:43
 Re-convened @3:53pm
 It was noted that Item 7.022 to 7.024 should be "II" not "ME"

7.00		LMSC Liaisons and External Interface			03:52 PM
7.01		IEEE 802.1			03:52 PM
7.011	ME	IEEE 802.1CM Press Release Approval	Parsons	0	03:52 PM
7.012	ME	IEEE 802.1 Liaison to JTC1-SC6, Approval	Parsons	0	03:52 PM
7.013	ME	IEEE 802.1 Liaison to ITU-T SG15, Approval	Parsons	0	03:52 PM
7.014	ME	IEEE 802.1 Liaison to ITU-T FG-IMT-2020, Approval	Parsons	0	03:52 PM
7.015	II	IEEE 802.1 Liaison to IETF	Parsons	3	03:52 PM

Parsons presented the following slide.

7.015 - MOTION

- 802.1 approves the response to the IETF liaison on VDP extension for NVO3

<http://www.ieee802.org/1/files/public/docs2015/liaison-ietf-nvo3-vdp-0715-v2.pdf>

- Proposed: Pat Thaler
Second: Eric Gray
- For 27 Against 0 Abstain 0

7.016	ME	IEEE Std 802.1AC-REV to SC6 for information under PSDO IEEE Std 802.1Qbv to SC6 for information under PSDO IEEE Std 802.1Qbu to SC6 for information under PSDO IEEE Std 802.1Qbz to SC6 for information under PSDO IEEE Std 802.1Qca to SC6 for information under PSDO	Parsons	3	03:55 PM
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Parsons presented the following slides.

7.016 – supporting 802.1 motion

- 802.1 requests EC approval to forward P802.1AC-Rev (MAC Service Specification) to ISO/IEC JTC1 SC6, for **information** under the PSDO agreement, once Sponsor balloting begins.
- Proposed: Messenger Second: Gray
- For __22__ Against __0__ Abstain __0__
- EC proposed: Parsons Second:
- For ____ Against ____ Abstain ____

7.016 – supporting 802.1 motion

- 802.1 requests EC approval to forward P802.1Qbv (Enhancements for Scheduled Traffic) to ISO/IEC JTC1 SC6, for **information** under the PSDO agreement, once Sponsor balloting begins.

- Proposed: Messenger Second: Gray
- For 23 Against 0 Abstain 0

- EC proposed: Parsons Second:
- For Against Abstain

7.016 – supporting 802.1 motion

- 802.1 requests EC approval to forward P802.1Qbu (Frame Preemption) to ISO/IEC JTC1 SC6, for **information** under the PSDO agreement, once Sponsor balloting begins.

- Proposed: Messenger Second: Gray
- For 23 Against 0 Abstain 0

- EC proposed: Parsons Second:
- For Against Abstain

7.016 – supporting 802.1 motion

- 802.1 requests EC approval to forward P802.1Qbz (Enhancements to Bridging of 802.11 Media) to ISO/IEC JTC1 SC6, for **information** under the PSDO agreement, once Sponsor balloting begins.

- Proposed: Messenger Second: Gray
- For 23 Against 0 Abstain 0

- EC proposed: Parsons Second:
- For Against Abstain

7.016 – supporting 802.1 motion

- 802.1 requests EC approval to forward P802.1Qca (Path Control and Reservation) to ISO/IEC JTC1 SC6, for **information** under the PSDO agreement.

- Proposed: Messenger Second: Gray
- For 24 Against 0 Abstain 0

- EC proposed: Parsons Second:
- For Against Abstain

7.016 - MOTION

- EC approves to forward
 - P802.1AC-Rev (MAC Service Specification)
 - P802.1Qbv (Enhancements for Scheduled Traffic)
 - P802.1Qbu (Frame Preemption)
 - P802.1Qbz (Enhancements to Bridging of 802.11 Media)
 - P802.1Qca (Path Control and Reservation)
- to ISO/IEC JTC1 SC6, for information under the PSDO agreement once sponsor ballot begins.

- EC proposed: Parsons Second: Thaler
- For____Against____Abstain_____

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* Motion #41	<ul style="list-style-type: none"> • EC approves to forward <ul style="list-style-type: none"> – P802.1AC-Rev (MAC Service Specification) – P802.1Qbv (Enhancements for Scheduled Traffic) – P802.1Qbu (Frame Preemption) – P802.1Qbz (Enhancements to Bridging of 802.11 Media) – P802.1Qca (Path Control and Reservation) • to ISO/IEC JTC1 SC6, for information under the PSDO agreement once sponsor ballot begins.
Moved	Parsons
Second	Thaler
Results	Motions passed by unanimous consent
Motion	Passes
Reference	Agenda Item #7.016

7.017	ME	IEEE Std 802.1BA-2011 to SC6 for FDIS ballot under PSDO	Parsons	3	03:58 PM
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Parsons presented the following slide.

7.017 - MOTION

- EC approves to forward IEEE Std 802.1BA-2011 (Audio Video Bridging (AVB) Systems) to ISO/IEC JTC1 SC6, for **FDIS ballot** under the PSDO agreement.

- Proposed: Messenger Second: Gray
- For 24 Against 0 Abstain 0

- EC proposed: Parsons Second:
- For Against Abstain

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* Motion # 42	EC approves to forward IEEE Std 802.1BA-2011 (Audio Video Bridging (AVB) Systems) to ISO/IEC JTC1 SC6, for FDIS ballot under the PSDO agreement.
Moved	Parsons
Second	Thaler
Results	Approved by unanimous consent
Motion	Passes
Reference	Agenda Item #7.017

7.018	ME	IEEE Std 802.1BR-2012 to SC6 for FDIS ballot under PSDO	Parsons	3	04:01 PM
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Parsons presented the following slide.

7.018 - MOTION

- EC approves to forward IEEE Std 802.1BR-2012 (Bridge Port Extension) to ISO/IEC JTC1 SC6, for **FDIS ballot** under the PSDO agreement.

- Proposed: Messenger Second: Gray
- For __24__ Against_0__ Abstain__0__

- EC proposed: Parsons Second:
- For____Against____Abstain_____

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* Motion #43	EC approves to forward IEEE Std 802.1BR-2012 (Bridge Port Extension) to ISO/IEC JTC1 SC6, for FDIS ballot under the PSDO agreement.
Moved	Parsons
Second	Thaler
Results	Approved by unanimous consent
Motion	Passes
Reference	Agenda Item #7.018

7.02		IEEE 802.3			04:04 PM
7.021	ME	ITU-T SG15 Multi-lane timestamping liaison letter, Approval	Law	0	04:04 PM
7.022	ME	Liaison letter to ITU-T SG-15: Status update on IEEE P802.3bs 400Gb/s Ethernet	Law	3	04:04 PM

Law presented the following slide.

Liaison letter to ITU-T SG-15: Status update on IEEE P802.3bs 400Gb/s Ethernet

Motion

The draft liaison letter from the IEEE 802.3 working group to ITU-T SG-15 in respect to the status of IEEE P802.3bs 400Gb/s Ethernet, with editorial license granted to the IEEE 802.3 Working Group Chair, is available at:

http://ieee802.org/3/minutes/jul15/outgoing/IEEE_802d3_to_SG15_01_0715_draft.pdf

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

Working Group vote
Y: 113, N: 0, A: 1

It was noted that this item should be “II” not ME.

Law showed the letter. See attached file. [\(IEEE_802d3_to_SG15_01_0715_draft.pdf\)](#)

Time: 3:59pm

7.023	ME	Liaison letter to ITU-T SG-9: New work item on J.HiNoC2	Law	3	04:07 PM
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It was noted that this item should be "II" not "ME".
Law presented the following slide.

Liaison letter to ITU-T SG-9 New work item on J.HiNoC2

The draft liaison response letter from the IEEE 802.3 working group to ITU-T SG-9 in respect to the new work item on J.HiNoC2, with editorial license granted to the IEEE 802.3 Working Group Chair, is available at:

http://ieee802.org/3/minutes/jul15/outgoing/IEEE_802d3_to_ITU-T_SG9_0715_draft.pdf

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

Working Group vote
Y: 122, N: 0, A: 3

Law showed liaison letter. See attached file ([IEEE_802d3_to_ITU-T_SG9_0715_draft.pdf](#)).

Time: 4:01pm

7.024	ME	Liaison letter to ITU-T SG-15: Status update on IEEE P802.3by 25Gb/s Ethernet	Law	3	04:10 PM
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It was noted that this item should be “II” not “ME”.
Law presented the following slide.

Liaison letter to ITU-T SG-15: Status update on IEEE P802.3by 25Gb/s Ethernet

Motion

The draft liaison letter from the IEEE 802.3 working group to ITU-T SG-15 in respect to the status of IEEE P802.3by 25Gb/s Ethernet, with editorial license granted to the IEEE 802.3 Working Group Chair is available at:

http://ieee802.org/3/minutes/jul15/outgoing/IEEE_802d3_to_SG15_25G_0715_draft.pdf

M: Law S: D'Ambrosia

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

Working Group vote

Y: 95, N: 0, A: 1

Law showed liaison letter. See attached file ([IEEE_802d3_to_SG15_25G_0715_draft.pdf](#)).

Time 4:02pm

7.03		IEEE 802.11			04:13 PM
7.031	ME	IEEE 802.11 Press Release, 25th Anniversary, Approval	Stephens	3	04:13 PM

Stephens presented the following slide.

July 2015

doc.: IEEE 802.11-15/0747r6

7.031 802.11 25th Anniversary Press Release Motion

- **Approve the press release contained in <https://mentor.ieee.org/802.11/dcn/15/11-15-0844-01-0000-draft-25th-anniversary-press-release.docx>**
- **Moved: Adrian Stephens**
- **Seconded: Jon Rosdahl**
- **Result:**

- **In the WG: Moved: Stephen McCann on behalf of the Publicity SC, Seconded: Stuart Kerry, Result: 46-0-2 Passes**

Submission

Slide 32

Dorothy Stanley, HP-Aruba Networks

Stephens showed draft press release. See attached file ([11-15-0844-01-0000-draft-25th-anniversary-press-release](https://mentor.ieee.org/802.11/dcn/15/11-15-0844-01-0000-draft-25th-anniversary-press-release.docx)).

Discussion regarding how Wi-Fi was placed in the press release – moved from after the 802.11 standard reference, and moved back in the sentence after “applications.”

* Motion #44	Approve the press release contained in https://mentor.ieee.org/802.11/dcn/15/11-15-0844-01-0000-draft-25th-anniversary-press-release.docx
Moved	Stephens
Second	Rosdahl
Results	13-1-1
Motion	Passes
Reference	Agenda Item #7.031

Time: 4:09pm

7.032	ME	IEEE 802.11 response to ISO/IEC JTC1/SC6 ballot comments on 802.11ac	Stephens	0	04:16 PM
7.033	ME	Resolutions for the FDIS comments on 802.11ac and 802.11af	Stephens	3	04:16 PM

Stephens presented the following slide.

July 2015

doc.: IEEE 802.11-15/0747r6

7.033 Resolutions for the FDIS comments on 802.11ac & 802.11af

- **Motion: IEEE 802 EC to forward the resolutions of comments in the FDIS ballots as documented in IEEE 802.11-15/0958r0 to ISO/IEC JTC1/SC6.**
- **Moved: Adrian Stephens**
- **Seconded: Jon Rosdahl**
- **Result:**

- **In the WG: Moved: Stephen McCann, Seconded: Jim Lansford, Result: 48-0-0 Passes**

Submission

Slide 33

Dorothy Stanley, HP-Aruba Networks

* Motion #45	IEEE 802 EC to forward the resolutions of comments in the FDIS ballots as documented in IEEE 802.11-15/0958r0 to ISO/IEC JTC1/SC6.
Moved	Stephens
Second	Rosdahl
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #7.033

Time: 4:12pm

7.04	-	IEEE 802.15	Heile	-	04:19 PM
7.05	-	IEEE 802.16	Marks	-	04:19 PM
7.06	II	IEEE 802.18	Lynch	-	04:19 PM
7.07		IEEE 802.19			04:19 PM
7.071	II	IEEE 802.19 Liaison Presentation to 3GPP LAA Workshop	Shellhammer	3	04:19 PM

Shellhammer presented the following slides.

Preparation for Liaison Presentation for 3GPP LAA Workshop

- There were four presentations this week
 - 3GPP submission considerations
 - Doc. 802.19/15-58r0
 - Questions about LAA deployment scenarios
 - Doc. 802.19/15-60r0
 - Proposal for IEEE 802 submission to 3GPP
 - Doc. 802.19/15-63r0
 - Unlicensed LTE/Wi-Fi Coexistence Testbed
 - Doc. 802.19/15-55r2
- The group decide to schedule conference calls to complete development of the Liaison Presentation

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Preparation for Liaison Presentation for 3GPP LAA Workshop

• Conference Call Schedule

Day	Date	Start Time (EDT)	Stop Time (EDT)	Host
Tuesday	July 28	5:00 PM	6:30 PM	Roger Marks
Tuesday	Aug 4	5:00 PM	6:30 PM	Steve Shellhammer
Monday	Aug 10	5:00 PM	6:30 PM	Steve Shellhammer
Thursday	Aug 13	6:00 PM	7:30 PM	Steve Shellhammer

- Plan to submit Liaison Presentation to Executive Committee for EC email ballot by August 10
 - Complete email ballot by August 20
 - 3GPP Submission deadline is August 21

7

7.072	ME	• IEEE 802.19.1a Project Press Release, Approval	Shellhammer	3	04:22 PM
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Shellhammer presented the following slides

Press Release on New 802.19.1a Project

WG Motion

- Motion: To approve the task group press release (doc. 802.19-15/0045r1) and submit to IEEE 802 Executive Committee
 - Move: Naotaka Sato
 - Second: Sho Furuichi
 - Yes: 10
 - No: 0
 - Abstain: 0
 - Motion Passed

8

Press Release on New 802.19.1a Project

Executive Committee Motion

- Move to approve the press release on the new 802.19.1a project in document 802.19-15/0045r1, with public release by the IEEE conditioned on Standards Board approval of the 802.19.1a PAR
 - Move: Steve Shellhammer
 - Second:
 - Yes:
 - No:
 - Abstain:

9

* Motion #46	Move to approve the press release on the new 802.19.1a project in document 802.19-15/0045r1, with public release by the IEEE conditioned on Standards Board approval of the 802.19.1a PAR
Moved	Shellhammer
Second	Mody
Results	Approved by Unanimous consent
Motion	Passes
Reference	Agenda Item #7.072

7.08	ME	IEEE 802	Nikolich		04:25 PM
7.09		IEEE 802.21			04:25 PM
7.091	ME*	IEEE 802.21d Publication Press Release Approval - Motion The IEEE 802 LMSC EC approves the draft press release* (DCN 21-15-0077-00) with editorial license granted to the IEEE 802.21 WG Chair or designee	Das	0	04:25 PM

Approved with approval of agenda.

7.10		IEEE 802.22			04:25 PM
7.101	ME	IEEE 802.22b Press Release Approval -	Das	0	04:25 PM

Approved with approval of agenda.

7.11	ME	IEEE 802.24			04:25 PM
7.111	ME	IEEE 802.24, Approval Response - Liaison request from Industrial Internet Consortium	Godfrey	0	04:25 PM
					04:25 PM
8.00		Information Items			04:25 PM
8.001	II	IEEE-SA President's Update	Kraemer	10	04:25 PM

Kraemer gave presentation. See attached slides ([ec-15-0063-00-00SA-sa-overview-july-2015-802-plenary](#)).

8.01	II	IEEE 802 / SA Task Force Report	Nikolich	3	04:35 PM
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Nikolich gave verbal update of meeting notes. See attached file ([Task Force Meeting Notes_7-16-2015.pdf](#)).

8.02	II	IEEE SA Staff Reports			04:38 PM
8.03		Standing Committee Reports			04:38 PM
8.031	II	802 / JTC1 SC Report	Myles	3	04:38 PM

Myles was not present. Stephens offered to give Stephens slides. Agenda Item # 8.032 was addressed while Stephens obtained Myles slides.

Time: 4:44pm

8.032	II	802 / ITU SC Report	Parsons	3	04:41 PM
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Parsons presented following slides.

28

Mentor DCN: EC-15-0058-00-INTL 7/13/2015

GSC-19

- July 15-16 – Geneva, hosted by ITU
- Strategic topics
 - Critical Communications and public safety
 - IoT (includes M2M, smart cities, smart cars)
 - IMT-2020/5G (covers spectrum topics and network architecture, also Network Functions Virtualisation (NFV))



IEEE-SA at GSC

- IEEE-SA priorities
 - **Advancing technology for the benefit of humanity** by providing a globally open, inclusive, and transparent environment for market relevant, voluntary consensus standardization.
 - Beyond technology excellence, increasing engagement at the interface between technology and policy
- Critical Communication
 - IEEE 802.11 NGP study group

IEEE 802 position

Summary

- 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.

8.031	II	802 / JTC1 SC Report	Myles	3	04:38 PM
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Stephens presented IEEE 802 JTC1 SC Closing Report. See attached file ([11-15-0960-00-0jtc-ieee-802-jtc1-sc-closing-report-july-2015.pdf](#))

Time: 4:48pm

8.033	II	802 / IETF SC Report	Thaler	3	04:44 PM
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Thaler showed following slide,

IEEE 802-IETF Standing Committee

- List of items for coordination is at:
 - <https://www.iab.org/activities/joint-activities/iab-ieee-coordination/>
 - 10 open items (17 closed)
- Deterministic Networking (DetNet) BOF
 - Provide support for TSN flows over layer 3 networks
 - Draft charter: <http://trac.tools.ietf.org/bof/trac/wiki/DetNet>
- Network Virtualization Overlays Over Layer 3 (NVO3)
 - P802.1Qcn VDP Extension for NVO3 PAR ready to forward
 - Liaison written to IETF
- Bit Indexed Explicit Replication (bier)
 - add to coordination list, Jouni Korhonen volunteered to be IEEE 802 contact.
- Will decide on Sept call whether to have a f2f coordination meeting in Jan 2016
 - Based on whether agenda items emerge

Rosdahl noted that this will be added to the October 2015 EC Telecon agenda.

8.034	II	802 Wireless Chairs SC Report	Heile	3	04:47 PM
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Heile gave verbal update – no change since Monday.

8.035	II	Regulatory report	Lynch	3	04:50 PM
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Lynch gave verbal update. 3 ITUR Liaisons were brought in to this meeting for consideration related to

- Smart grid
- Wireless power transmission
- Terahertz Activities

It is expected that all three will be responded to by March.

8.04		Officers Reports			04:53 PM
8.041	II	1st Vice Chair Report	Thaler	5	04:53 PM

Thaler noted nothing to report.

Time: 4:50pm

8.042	II	2nd Vice Chair Report	Gilb	5	04:58 PM
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Gilb presented the attached paper ([ec-15-0060-01-00EC-student-paper-competition.pdf](#)) on student white paper.

Discussion regarding funding proposal.

Time: 4:59pm

8.043	II	Treasurer's Report	Chaplin	5	05:03 PM
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Chaplin presented slides in attached presentation ([ec-15-0062-00-00EC-2015-07-17-treasurer-report](#)).

EC lost about \$14k due to currency fluctuation.

Clint noted that financials for 1st quarter had been entered into Netsuite.

Time: 5:05

8.044	II	Executive secretary report	Rosdahl	5	05:08 PM
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Executive secretary support was not presented in the interest of time. See slide below from Executive Secretary Report.

*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 17

Jon Rosdahl, CSR

8.045	II	Recording Secretary Report	D'Ambrosia	0	05:13 PM
8.046	II*	Appeals report -No items to report	D'Ambrosia	0	05:13 PM
8.05	II	Network Services report	Alfvin	3	05:13 PM

Alfvin gave verbal update. No issues were seen this week. [See attached presentation \(ec-15-0065-00-00EC-network-report-july-2015-plenary-waikoloa.pdf\).](#)

8.06	II*	Announcement of 802 EC Interim Telecon (Tuesday 6 Oct 2015, 1-3pm ET)	Rosdahl	0	05:29 PM
8.07	II*	Call for Tutorials for Nov 2015 Plenary (Monday 9 Nov, 2015)	Rosdahl	0	05:29 PM
8.08	II*	Announcement of 802 EC Workshop January 23, 2016 (8am-5pm) Hyatt Regency Atlanta, Atlanta, GA.	Rosdahl	0	05:29 PM
8.09	II	Action Item Status Update	D'Ambrosia	5	05:29 PM

Nikolich presented following slide.

5.12 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 / D'Ambrosia to define process and webpage. Under discussion, complete March 2015.~~
- Open Action Items from March 2015 Plenary
 - No open action items
- Open Action Items from June 2015 telecon
 - No open action items
- Open Action Items from July 2015 Plenary
 - Chaplin – develop a 2year forecast on meeting fees / costs. TO be presented at EC Oct 15 Teleconference. call
 - – D'Ambrosia to add area on web reflector for standing committees
 - Nikolich - Bring plan to EC on Friday regarding reporting of IEEE 802 financials into IEEE financial data base.
 - Nikolich - Notify EC when future financial reporting deadlines defined in the IEEE-SASB Resolution are met.
 - ~~Nikolich – Add agenda item for 802 Task Force "Treasurer's Support.~~

8/7/2015

ec-15-0064-00-00EC

2

Time: 5:11pm

Chair explained how the meeting would proceed. Bruce Kraemer, IEEE-SA President, has been invited to participate in the Executive Session, with the understanding that he treats the meeting as confidential.

8.10	DT	Get IEEE 802 Program Renewal Status update	Marks	10	05:34 PM
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Marks presented [ec-15-0049-02-00EC-get-ieee-802-program-renewal-status.pdf](#) (See attached presentation).

Time: 5:17pm

The Chair announced the group is entering Exec Session – all non EC Members were asked to leave.

8.11	DT	Exec Session - Get IEEE 802 Program Renewal Status update		20	05:44 PM
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Attendees:

EC Voting members (or their representatives) present:

Paul Nikolich	Chair, IEEE 802 LAN/MAN Standards Committee
Pat Thaler	1 st Vice Chair, IEEE 802 LAN/MAN Standards Committee
James Gilb	2 nd Vice Chair, IEEE 802 LAN/MAN Standards Committee,
Clint Chaplin	Treasurer, IEEE 802 LAN/MAN Standards Committee
Jon Rosdahl	Executive Secretary, IEEE 802 LAN/MAN Standards Committee
John D'Ambrosia	Recording Secretary, IEEE 802 LAN/MAN Standards Committee
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
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
Tim Godfrey	Chair, IEEE 802.24 - Vertical Applications TAG

EC Nonvoting members present:

Geoff Thompson –	Member Emeritus
Juan Carlos Zuniga	Chair, Privacy EC Study Group

Invited Participant:

Bruce Kraemer	IEEE-SA President
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EC Session Summary: There was a discussion of the Get IEEE 802 Program proposal by the Executive Committee that will need to continue via future Executive Sessions via teleconference meetings.

Meeting adjourned at 6pm.

Summary – Action Items

Item 3.00 Nikolich- Appoint Assistant 802 Treasurer

Item 4.10 - Thaler – Move discussion of disbanding the 802.18 RR TAG to the EC reflector

Summary – Motions

Consent Agenda

Item# 4.04 IEEE 802 EC approves adding “Approved CSD repository” described in document ec-15-0054-01 to the IEEE 802 LMSC Chair's Guidelines.

Item# 4.11 Approve minutes of Jun conference call (2015-06-02-call-minutes-v1.pdf)

Item#7.091 The IEEE 802 LMSC EC approves the draft press release* (DCN 21-15-0077-00) with editorial license granted to the IEEE 802.21 WG Chair or designee

Item# 7.101 IEEE 802.22b Press Release Approval

* Motion #1	Move to approve agenda as amended
Moved	DAmbrosia
Second	Rosdahl
Results	14-1-0
Motion	Passes
Reference	Agenda Item #2.00

* Motion #2	IEEE 802 EC approves sending IEEE_802_WG_PandP_v17.5.doc to AudCom for review. (with the intent that if it is approved by AudCom, it will be presented to be approved by the Executive Committee as the new WG P&P)
Moved	Gilb
Second	DAmbrosia
Results	Motion passes with unanimous consent
Motion	Passes
Reference	Agenda Item #4.01

* Motion #3	Move that the EC approve the initial approval process for the WCSC OM contained on slide 3 of DCN: ec-15-0037-00-wcsg
Moved	Heile
Second	Stephens
Results	Motion passes with unanimous consent
Motion	passes
Reference	Agenda Item #4.02

* Motion #4	Select Hyatt Regency O'Hare, Rosemont, Illinois As the site of the 2018 March 4-9 IEEE 802 Plenary; and Authorize the IEEE 802 Executive Secretary to finalize the formal contract and submit for execution by the IEEE procurement group.
Moved	Rosdahl
Second	Shellhamer
Results	Motion passes with unanimous consent
Motion	passes
Reference	Agenda Item #4.05

* Motion #5	<ul style="list-style-type: none"> • Moved: Authorize the treasurer to treat the following expenses as customary expenses to be paid without approval of the SEC: • Annual 802 standards electronic media (e.g. CD-ROM, CD-DVD, memory stick)
Moved	DAmbrosia
Second	Chaplin
Results	14-1-0
Motion	passes
Reference	Agenda Item #4.06

* Motion #6	Motion to confirm Ben Rolfe as Vice-Chair of 802.24 TAG.
Moved	Godfrey
Second	Gilb
Results	Motion passes with unanimous consent
Motion	passes
Reference	Agenda Item #4.07

* Motion #7	Approve the payment of FedEx shipping charges related to the 802.11 anniversary give-aways not to exceed \$400.
Moved	Stephens
Second	Rosdahl
Results	Motion passes unanimously
Motion	Passes
Reference	Agenda Item #4.09

* Motion #8	EC approves to forward 802.1Q/Cor1 D0.3 to Sponsor Ballot.
Moved	Parsons
Second	Thaler
Results	Passed with unanimous consent
Motion	Passes
Reference	Agenda Item #5.011

* Motion #9	<ul style="list-style-type: none"> • EC confirms the 5C: <ul style="list-style-type: none"> ◦ 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	Passed with unanimous consent
Motion	Passes
Reference	Agenda Item #5.012

* Motion #10	<ul style="list-style-type: none"> • EC confirms the 5C: <ul style="list-style-type: none"> • 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	Motion approved with unanimous consent
Motion	Passes
Reference	Agenda Item #5.013

* Motion #11	802.1 requests EC approval to forward 802.1AB-REV to Sponsor Ballot.
Moved	Parsons
Second	Thaler
Results	Motion approved with unanimous consent
Motion	Passes
Reference	Agenda Item #5.014

* Motion #12	<ul style="list-style-type: none"> • EC confirms the 5C <ul style="list-style-type: none"> ◦ http://www.ieee802.org/1/files/public/docs2012/new-p802-1Qca-draft-5c-0912-v03.pdf • And approves to submit P802.1Qca Path Control & Reservation to RevCom.
Moved	Parsons
Second	Thaler
Results	Motion approved with unanimous consent
Motion	Passes
Reference	Agenda Item #5.015

* Motion #13	EC conditionally approves to forward P802.1AS/Cor-2 (Timing and Synchronization for time-sensitive applications in bridged LANs -- Technical and Editorial Corrections) to RevCom.
Moved	Parsons
Second	Thaler
Results	Approved with unanimous consent
Motion	Passes
Reference	Agenda Item #5.016

* Motion #14	EC conditionally approves the CSD for 802.1CM and will forward the 802.1CM PAR to NesCom, pending an approved 802.1 WG ePoll motion. <ul style="list-style-type: none"> - CSD: http://www.ieee802.org/1/files/public/docs2015/new-P802-1CM-draft-CSD-0515-v02.pdf - PAR: http://www.ieee802.org/1/files/public/docs2015/new-P802-1CM-draft-PAR-0715-v01.pdf
Moved	Parsons
Second	Thaler
Results	15-0-0
Motion	passes
Reference	Agenda Item #5.017

* Motion #15	EC approves the CSD and forwards the P802.1Qcp PAR to NesCom. <ul style="list-style-type: none"> o CSD: http://www.ieee802.org/1/files/public/docs2015/cp-draft-Qcp-csd-0715-v1.docx o PAR: http://www.ieee802.org/1/files/public/docs2015/cp-draft-1Q-YANG-par-0715-v01.pdf
Moved	Parsons
Second	Thaler
Results	Motion passes with unanimous consent
Motion	Passes
Reference	Agenda Item #5.018

* Motion #16	<ul style="list-style-type: none"> • EC approves the CSD and forwards the P802.1Qcn PAR to NesCom. <ul style="list-style-type: none"> o CSD: http://www.ieee802.org/1/files/public/docs2015/cn-yizhou-Qcn-CSD-071.pdf o PAR: http://www.ieee802.org/1/files/public/docs2015/cn-thaler-Qcn-draft-PAR-0715.pdf
Moved	Parsons
Second	Thaler
Results	Motion passes with unanimous consent
Motion	Passes
Reference	Agenda Item #5.019

* Motion #17	<ul style="list-style-type: none"> • EC approves the CSD and forwards the P802.1Xck PAR to NesCom. <ul style="list-style-type: none"> o CSD: http://www.ieee802.org/1/files/public/docs2015/ck-draft-Xck-csd-0615-v2.docx o PAR: http://www.ieee802.org/1/files/public/docs2015/ck-draft-1X-YANG-par-0615-v03.pdf
Moved	Parsons
Second	Thaler
Results	Motion approved with unanimous consent
Motion	Passes
Reference	Agenda Item #5.0191

* Motion #18	EC approves to forward the P802.1AX/Cor1 PAR to NesCom. <ul style="list-style-type: none"> PAR: http://www.ieee802.org/1/files/public/docs2015/new-p802-1AX-2014-Cor1-PAR_0715-v2.pdf
Moved	Parsons
Second	Thaler
Results	Motion approved with unanimous consent
Motion	Passes
Reference	Agenda Item #5.0192

* Motion #19	<ul style="list-style-type: none"> EC confirms the 5C: <ul style="list-style-type: none"> http://www.ieee802.org/1/files/public/docs2012/new-p802-1qbu-draft-5c-0312-v01.pdf And approves to forward 802.1Qbu Frame Preemption to Sponsor Ballot.
Moved	Parsons
Second	Thaler
Results	Motion approved with unanimous consent
Motion	Passes
Reference	Agenda Item #5.0193

* Motion #20	EC approves to forward 802.1AC-REV (MAC Service Specification) to Sponsor Ballot.
Moved	Parsons
Second	Thaler
Results	Motion passes with unanimous consent
Motion	Passes
Reference	Agenda Item #5.0194

* Motion #21	The IEEE 802 LMSC Executive Committee confirms the IEEE P802.3bw 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 RevCom
Moved	Law
Second	DAmbrosia
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #5.022

* Motion #22	The IEEE 802 LMSC Executive Committee grants conditional approval to forward IEEE P802.3 (IEEE 802.3bx) to RevCom
Moved	Law
Second	D'Ambrosia
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #5.023

* Motion #23	The IEEE 802 LMSC Executive Committee approves the IEEE P802.3bq CSD responses and forwards the IEEE P802.3bq PAR modification request to NesCom
Moved	Law
Second	D'Ambrosia
Results	Motion approved by unanimous consent.
Motion	Passes
Reference	Agenda Item #5.024

* Motion #24	As defined in IEEE LMSC Operations Manual (7 Nov 2014), clause 12, conditionally approve sending IEEE P802.11ai /D6.0 to Sponsor Ballot.
Moved	Stephens
Second	Rosdahl
Results	Motion approved by unanimous consent
Motion	passes
Reference	Agenda Item #5.031

* Motion #25	<ul style="list-style-type: none"> • Approve sending the PAR in the PAR document cited below for P802.11az to NesCom • And confirm the PAR and CSD cited below <ul style="list-style-type: none"> ○ PAR document: https://mentor.ieee.org/802.11/dcn/15/11-15-0030-09-0ngp-ngp-par-draft.docx ○ CSD document: https://mentor.ieee.org/802.11/dcn/15/11-15-0262-04-0ngp-csd-working-draft.docx
Moved	Stephens
Second	Rosdahl
Results	Motion passes with unanimous consent
Motion	passes
Reference	Agenda Item #5.033

* Motion #26	802.15 requests unconditional approval from the EC to submit 802.15.9 Recommended Practice draft D4.0_P802-15-9_Draft_Standard.pdf to Sponsor Ballot.
Moved	Heile
Second	Chaplin
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #5.041

* Motion #27	Move that the 802EC approve forwarding the 802.15.9 Change PAR (DCN: 15-15-0553-01) to NesCom for consideration.
Moved	Heile
Second	Chaplin
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #5.043

* Motion # 28 (amended)	The 802.15 WG requests 802EC approval to forward the 802.15.3 Revision PAR (DCN: 15-15-0324-00 modified with a YES answer to question 6.1band with no change to the original title) to NesCom
Moved	Heile
Second	Chaplin
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #5.044

* Motion #29	Move to amend Motion #28 to “The 802.15 WG requests 802EC approval to forward the 802.15.3 Revision PAR (DCN: 15-15-0324-00 modified with a YES answer to question 6.1band with no change to the original title) to NesCom
Moved	Heile
Second	Rosdahl
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #5.044

* Motion # 30	Move that the 802EC approve forwarding the 802.15.9 Change PAR (DCN: 15-15-0464-01) to NesCom for approval.
Moved	Heile
Second	Chaplin
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #5.045

* Motion #31	Move to approve the 802.19.1 CSD and to submit the 802.19.1a PAR to NesCom
Moved	Shellhammer
Second	Mody
Results	Approved by unanimous consent.
Motion	Passes
Reference	Agenda Item #5.071

* Motion #32	EC Confirms the P802.22b PAR and the 5C and moves to grant approval as per the IEEE 802 Operations Manual to forward IEEE P802.22b Draft 6.0 to the IEE SA- RevCom.
Moved	Mody
Second	Shellhammer
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #5.091

* Motion #33	To approve the PAR and CSD proposal as provided in: <ul style="list-style-type: none"> • PAR: https://mentor.ieee.org/privetsg/dcn/15/privetsg-15-0030-00-ecsg-privacy-ec-sg-par-proposal.pdf • CSD: https://mentor.ieee.org/privetsg/dcn/15/privetsg-15-0029-01-0000-privacy-ec-sg-csd-proposal.docx
Moved	Parsons
Second	Thaler
Results	Motion approved by unanimous consent.
Motion	Passes
Reference	Agenda Item #5.101

* Motion #34	The IEEE 802 LMSC Executive Committee grants approval for the formation of the IEEE 802.3 Next Generation Ethernet Passive Optical Network (NG-EPON) Study Group within IEEE 802.3
Moved	Law
Second	DAmbrosia
Results	Motion approved by unanimous consent.
Motion	Passes
Reference	Agenda Item #6.021

* Motion #35	The IEEE 802 LMSC Executive Committee grants approval for the formation of the IEEE 802.3 2.5 Gb/s and 5 Gb/s Ethernet over Backplane and Copper Cable Study Group within IEEE 802.3
Moved	Law
Second	DAmbrosia
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #6.022

* Motion #36	The IEEE 802 LMSC Executive Committee approves an extension to the IEEE 802.3 25GBASE-T Study Group (2nd extension)
Moved	Law
Second	DAmbrosia
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #6,023

* Motion #37	Extend the 802.11 Next Generation Positioning (NGP) study group
Moved	Stephens
Second	Rosdahl
Results	Motion passed by unanimous consent
Motion	Passes
Reference	Agenda Item #6.031

* Motion #38	Request the 802EC approve the formation of a new Study Group in 802.15 to generate a PAR and CSD for a 15.4 LLC Standard
Moved	Heile
Second	Chaplin
Results	Approved by unanimous consent.
Motion	Passes
Reference	Agenda Item #6.042

* Motion #39	Move to approve the second extension of the CUB study group
Moved	Shellhammer
Second	Mody
Results	Approved by unanimous consent.
Motion	Passes
Reference	Agenda Item #6.071

* Motion #40	To approve the extension of the IEEE 802 EC Privacy Recommendation Study Group until the end of the November 2015 meeting.
Moved	Thaler
Second	Parsons
Results	Approved by unanimous consent.
Motion	Passes
Reference	Agenda Item #6.111

* Motion #41	<ul style="list-style-type: none"> • EC approves to forward <ul style="list-style-type: none"> – P802.1AC-Rev (MAC Service Specification) – P802.1Qbv (Enhancements for Scheduled Traffic) – P802.1Qbu (Frame Preemption) – P802.1Qbz (Enhancements to Bridging of 802.11 Media) – P802.1Qca (Path Control and Reservation) • to ISO/IEC JTC1 SC6, for information under the PSDO agreement once sponsor ballot begins.
Moved	Parsons
Second	Thaler
Results	Motions passed by unanimous consent
Motion	Passes
Reference	Agenda Item #7.016

* Motion # 42	EC approves to forward IEEE Std 802.1BA-2011 (Audio Video Bridging (AVB) Systems) to ISO/IEC JTC1 SC6, for FDIS ballot under the PSDO agreement.
Moved	Parsons
Second	Thaler
Results	Approved by unanimous consent
Motion	Passes
Reference	Agenda Item #7.017

* Motion #43	EC approves to forward IEEE Std 802.1BR-2012 (Bridge Port Extension) to ISO/IEC JTC1 SC6, for FDIS ballot under the PSDO agreement.
Moved	Parsons
Second	Thaler
Results	Approved by unanimous consent
Motion	Passes
Reference	Agenda Item #7.018

* Motion #44	Approve the press release contained in https://mentor.ieee.org/802.11/dcn/15/11-15-0844-01-0000-draft-25th-anniversary-press-release.docx
Moved	Stephens
Second	Rosdahl
Results	13-1-1
Motion	Passes
Reference	Agenda Item #7.031

* Motion #45	IEEE 802 EC to forward the resolutions of comments in the FDIS ballots as documented in IEEE 802.11-15/0958r0 to ISO/IEC JTC1/SC6.
Moved	Stephens
Second	Rosdahl
Results	Motion approved by unanimous consent
Motion	Passes
Reference	Agenda Item #7.033

* Motion #46	Move to approve the press release on the new 802.19.1a project in document 802.19-15/0045r1, with public release by the IEEE conditioned on Standards Board approval of the 802.19.1a PAR
Moved	Shellhammer
Second	Mody
Results	Approved by Unanimous consent
Motion	Passes
Reference	Agenda Item #7.072