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122nd IEEE 802 LMSC PLENARY SESSION
Jul 2019 – Vienna, Austria
MINUTES (Unconfirmed)
EXECUTIVE COMMITTEE CLOSING MEETING, R0

Prepared by John D'Ambrosia, IEEE 802 LMSC Recording Secretary

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Friday, Jul 19, 2019 - 1:00 p.m. CET
All times CET

Austria Center Vienna
Vienna, Austria

EC Voting members (or their representatives) present:

Paul Nikolich –	Chair, IEEE 802 LAN/MAN Standards Committee
James Gilb –	1st Vice Chair, IEEE 802 LAN/MAN Standards Committee
Roger Marks -	2nd Vice Chair, IEEE 802 LAN/MAN Standards Committee
	Chair, IEEE 802.16 – Broadband Wireless Access Working Group (Hibernating)
George Zimmerman	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
Jessy Rouyer -	Acting Vice-Chair representing IEEE 802.1 – HILI Working Group
David Law -	Chair, IEEE 802.3 Ethernet Working Group
Dorothy Stanley –	Chair, IEEE 802.11 – Wireless LAN Working Group
	Chair, IEEE / IETF Standing Committee
Bob Heile –	Chair, IEEE 802.15 – Wireless PAN Working Group
Jay Holcomb -	Chair, IEEE 802.18 – Regulatory Technical Advisory Group
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 Regional Area Networks Working Group
Tim Godfrey -	Chair, IEEE 802.24 - Vertical Applications Technical Advisory Group

EC Nonvoting members / Standing Committee Chairs present:

Geoff Thompson	Member Emeritus
Clint Chaplin	Member Emeritus, Treasurer Advisor

EC Voting members absent:

EC Nonvoting members absent:

Non EC members present:

Andrew Myles	Chair, IEEE 802 / ISO / JTC1 / SC6 Standing Committee
Guido Hiertz	802 Ombudsman

Other Attendees

Alfvin	Rick	Linespeed	Linespeed
Bims	Harry	Bims Laboratories	Bims Laboratories
Chen	Evelyn	Ericsson	Ericsson
Farkas	Janos	Ericcson	Ericsson
Goldberg	Jonathan	IEEE	IEEE
Healey	Adam	Broadcom Inc	Broadcom Inc
Hiertz	Guido	Ericsson	Ericsson
Jones	Peter	Cisco Systems	Cisco Systems
Lee	Hyeong Ho	Netvision Telecom	Netvision Telecom
Rolfe	Ben	Blind Creek Associates	Blind Creek Associates, MERL, UWBA
Thompson	Tom	IEEE	IEEE

July 2019
IEEE 802
LMSC
122th Plenary Session

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DCN ec-19-0101-03-EC

Agenda - https://mentor.ieee.org/802-ec/dcn/19/ec-19-0084-05-00EC-802-ec-jul-2019-closing-agenda.xlsx

R5		AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING IEEE 802 LMSC 122nd Plenary Session			
		Friday 1:00PM-6:00PM 19 July 2019			
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	15	01:00 PM

Meeting called to order at 1:00pm by Chair, Paul Nikolich.
Chair noted that Guido, Ombudsman was present. Chair asked if there was any opposition to Guido sitting at the EC Table. There were none.

2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	5	08:01 AM

Time: 1:00pm
Discussion:

- Move break to after Item 4.09
- Item 6.071 – change "802.16s" to "802.16"
- Change 7.104 & 7.105 to II, and delete additional text except file name
- Reduce 8.031, 8.032 and 8.033 from 5 min to 0

* Motion #1	Move to approve the modified agenda
Moved	D'Ambrosia
Second	Stanley
Results	14-0-0
Motion	Passes
Reference	Agenda Item #2.00

R6		AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING IEEE 802 LMSC 122nd Plenary Session			
		Friday 1:00PM-6:00PM 19 July 2019			
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	15	01:00 PM
2.00	MI	**APPROVE OR MODIFY AGENDA**	Nikolich	10	01:15 PM
					01:25 PM
3.00	II	**Announcements from the Chair**	Nikolich	5	01:25 PM
					01:30 PM
4.00		**LMSC Internal business**			01:30 PM
4.01	ME	Future Venues	Rosdahl	15	01:30 PM
4.02		Rules Changes & Status		0	01:45 PM
4.021	ME	P&P Update	Gilb	15	01:45 PM
4.022	MI	Chair's Guidelines Update	Gilb	15	02:00 PM
4.023	DT	Ombudsman Rules Status	Law	5	02:15 PM
4.024	II	Update on the 802 Coexistence Process	Shellhammer	5	02:20 PM
4.03	MI	Teleconference Tools (Webex / Zoom)	Dambrosia / Marks	10	02:25 PM
4.04	II	Copyright Issues	Marks	5	02:35 PM
4.05	MI	Framemaker - Allocation of Funds	Gilb	10	02:40 PM
4.06	MI	802 40th Anniversary - Allocation of Funds	D'Ambrosia	10	02:50 PM
4.07	II	Electronic Media - Allocation of Funds	D'Ambrosia	10	03:00 PM
4.08	MI	Draft 802 EC letter regarding myProject concerns	Zimmerman	10	03:10 PM
4.09	II	Update on IEEE 802.11 Co-existence Workshop	Myles	10	03:20 PM
					03:30 PM
		Break		10	03:30 PM
					03:40 PM
5.00		**IEEE Standards Board and Standards Association Ballot Items**			03:40 PM
5.01		**IEEE 802.11**			03:40 PM
5.011	ME*	To NesCom, P802.11ay PAR extension Motion: Approve forwarding P802.11ay PAR extension documentation in https://mentor.ieee.org/802.11/dcn/19/11-19-0673-00-00ay-tgay-par-extension-request.pdf to NesCom M: Stanley S: Rosdahl	Stanley	0	03:40 PM

5.012	**ME***	To NesCom, P802.11az PAR extension Motion: Approve forwarding P802.11az PAR extension documentation in https://mentor.ieee.org/802.11/dcn/19/11-19-0732-01-00az-tgaz-par-extension-request.docx to NesCom M: Stanley S: Rosdahl	Stanley	0	03:40 PM
5.02		**IEEE 802.15**			03:40 PM
5.021	ME	To SA Ballot, 802.15.22.3 D05 Motion: Approve sending 802.15.22.3 D05 to SA Ballot Confirm the CSD for 802.15.22.3 in https://mentor.ieee.org/802.22/dcn/19/22-19-0028-01-0003-updated-csd-for-p802-22-3-transfer-of-project-to-ieee-802-15-wg.docx M: Heile S: Mody	Heile	0	03:40 PM
5.022	**ME***	To NesCom, P802.15.22.3 PAR extension Motion: Approve forwarding P802.15.22.3 PAR extension documentation in https://mentor.ieee.org/802.15/dcn/19/15-19-0305-01-0000-802-15-22-3-par-extension.pdf to NesCom M: Heile S: Mody	Heile	0	03:40 PM
5.023	ME	To NesCom, IEEE P802.15.9ma	Heile	3	03:40 PM
5.024	ME	To Standards Association Ballot, IEEE P802.15.4w	Heile	3	03:43 PM
~~5.03~~	-	~~IEEE 802.18~~	~~Holcomb~~	-	03:46 PM
~~5.04~~	-	~~IEEE 802.19~~	~~Shellhammer~~	-	03:46 PM
5.05		**IEEE 802.21**			03:46 PM
5.051	MI	Hibernation of IEEE 802.21 Working Group	Das	5	03:46 PM
5.06		**IEEE 802.22**			03:51 PM
5.061	**ME***	To RevCom (conditional), IEEE P802.22 Revision Draft 8.0 Motion: Conditionally approve sending P802.22 Revision Draft 8.0 to RevCom. Approve CSD documentation in https://mentor.ieee.org/802.22/dcn/19/22-19-0017-04-0000-802-22-revision-par-new-csd-5c.docx M: Mody S: Heile	Mody	0	03:51 PM
5.062	MI	Conditional Approval to hibernate the 802.22 Working Group pending the Standards Board Approval of the 802.22 Revision.	Mody	5	03:51 PM
5.07		**IEEE 802.1**			03:56 PM
5.071	ME	To NesCom, IEEE P802.1AS-Rev PAR extension Motion: Approve forwarding P802.1AS-Rev PAR extension in http://www.ieee802.org/1/files/public/docs2019/as-PAR-extension-0719-v01.pdf to NesCom Approve (unmodified) CSD documentation in https://mentor.ieee.org/802-ec/dcn/18/ec-18-0243-00-ACSD-p802-1as.pdf M: Rouyer S: Law	Rouyer	5	03:56 PM
5.072	**ME***	To NesCom, IEEE P802.1Qcj PAR extension Motion: Approve forwarding P802.1Qcj PAR extension in http://www.ieee802.org/1/files/public/docs2019/cj-PAR-extension-0719-v01.pdf to NesCom Approve (unmodified) CSD documentation in http://www.ieee802.org/1/files/public/docs2019/cj-CSD-0719-v01.pdf M: Rouyer S: Law	Rouyer	0	04:01 PM

5.073	ME*	To NesCom, IEEE P802.1ABdh PAR Motion: Approve forwarding P802.1ABdh PAR documentation in http://www.ieee802.org/1/files/public/docs2019/dh-PAR-0719-v01.pdf to NesCom Approve CSD documentation in http://www.ieee802.org/1/files/public/docs2019/dh-CSD-0719-v01.pdf M: Rouyer S: Law	Rouyer	0	04:01 PM
5.074	ME*	To NesCom, IEEE P802.1Qdj PAR Motion: Approve forwarding P802.1Qdj PAR documentation in http://www.ieee802.org/1/files/public/docs2019/dj-PAR-0719-v01.pdf to NesCom Approve CSD documentation in http://www.ieee802.org/1/files/public/docs2019/dj-CSD-0719-v01.pdf M: Rouyer S: Law	Rouyer	0	04:01 PM
5.075	ME*	To Standards Association Ballot, IEEE P802.1X-Rev-D1.4 Approve sending P802.1X-Rev-D1.4 to Standards Association Ballot [Maintenance PAR, no CSD] M: Rouyer S: Law	Rouyer	0	04:01 PM
5.076	ME	To NesCom, IEEE P802E PAR Extension	Rouyer	5	04:01 PM
5.08		**IEEE 802.3**			04:06 PM
5.081	ME*	To NesCom, IEEE P802.3cv Maintenance #15: Power over Ethernet, New PAR Motion: Approve forwarding IEEE P802.3cv Maintenance #15: Power over Ethernet PAR documentation in <https://mentor.ieee.org/802-ec/dcn/19/ec-19-0074-01-00EC-ieee-p802-3cv-draft-par-response.pdf> to NesCom M: Law S: DAmbrosia	Law	0	04:06 PM
5.082	ME*	To Standards Association Ballot, IEEE P802.3cn 50 Gb/s, 200 Gb/s, and 400 Gb/s over greater than 10 km of SMF Motion: Approve sending IEEE P802.3cn 50 Gb/s, 200 Gb/s, and 400 Gb/s over greater than 10 km of SMF to Standards Association ballot. Confirm the CSD for IEEE P802.3cn in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0248-00-ACSD-p802-3cn.pdf>. M: Law S: D'Ambrosia	Law	0	04:06 PM
5.083	ME	To Standards Association Ballot, IEEE P802.3cm 400 Gb/s over Multimode Fiber	Law	3	04:06 PM
5.084	ME	To Standards Association Ballot, IEEE P802.3cq Power over Ethernet over 2 Pairs (Maintenance #13)	Law	3	04:09 PM
					04:12 PM
					04:12 PM
6.00		**Executive Committee Study Groups, Working Groups, TAGs, Industry Connections**			04:12 PM
6.01	-	IEEE 802.11	Stanley	-	04:12 PM
6.02	-	IEEE 802.15	Heile	-	04:12 PM
6.03	-	IEEE 802.18	Holcomb	-	04:12 PM
6.04	-	IEEE 802.19	Shellhammer	-	04:12 PM
6.05		IEEE 802.21		-	04:12 PM
6.06	-	IEEE 802.22	Mody	-	04:12 PM
6.07		IEEE 802.24			04:12 PM
6.071	II	Potential request to amend 802.16 (Reference: https://mentor.ieee.org/802-ec/dcn/19/ec-19-0122-00-00EC-new-amendment-of-ieee-802-16-informative-letter-to-ieee-802-ec.pdf)	Godfrey	5	04:12 PM

6.08	-	IEEE 802.1	Messenger	-	04:17 PM
6.09		**IEEE 802.3**			04:17 PM
6.091	**MI***	IEEE 802.3 Greater than 10 Gb/s Automotive Ethernet Electrical PHYs Study Group (first rechartering) Motion: Grant the 1st rechartering of the IEEE 802.3 Greater than 10 Gb/s Automotive Ethernet Electrical PHYs Study Group M: Law S: DAmbrosia	Law	0	04:17 PM
6.092	MI	Formation of IEEE 802.3 Automotive optical Multi-Gig study group	Law	3	04:17 PM
6.093	MI	Formation of IEEE 802.3 Improving Precision Time Protocol (PTP) Timestamping Accuracy on Ethernet Interfaces study group	Law	3	04:20 PM
6.094	MI	Formation of IEEE 802.3 10 Mb/s Single Pair Ethernet MultidropEnhancements study group	Law	3	04:23 PM
					04:26 PM
7.00		**LMSC Liaisons and External Communications**			04:26 PM
7.01	-	IEEE 802.3	Law	-	04:26 PM
7.02		IEEE 802.11			04:26 PM
7.021	II	AANI Liaison to #GPP SA	Stanley	5	04:26 PM
7.022	II	WG11 Subgroup Public Statement to ITU-T	Stanley	5	04:31 PM
7.023	ME	Liaison of JTC1 SC6 802.11aj comment response	Stanley	5	04:36 PM
7.024	II	Press release request - AANI	Stanley	5	04:41 PM
7.03	-	IEEE 802.15	Heile	-	04:46 PM
7.04		IEEE 802.18			04:46 PM
7.041	ME	Submission to APT on WRC-19 AIs (https://mentor.ieee.org/802-ec/dcn/19/ec-19-0128-00-00EC-motion-apt-wpx-wrc-19-ais-ieee-802-views.pptx)	Holcomb	5	04:46 PM
7.05		IEEE 802.19			04:51 PM
7.051	II	Liaison to Wi-Fi Alliance to request information on sub-1GHz Wi-Fi usage models. (https://mentor.ieee.org/802.19/dcn/19/19-19-0039-01-0003-liaison-to-wi-fi-alliance-sub-1ghz-usage-models.docx)	Shellhammer	2	04:51 PM
7.06	-	IEEE 802.21	Das	-	04:53 PM
7.07		IEEE 802.22			04:53 PM
7.071	**ME***	Liaison 802.22 Draft 8.0 to SC6 for Information, Motion: Approve liaison of the following draft(s) to ISO/IEC JTC1/SC6 for information under the PSDO agreement: P802.22 Draft 8.0 M: Mody S: Heile	Mody	0	04:53 PM
7.072	**ME***	Adoption of IEEE 802.22 Revision under PSDO agreement Motion: Approve submission of IEEE 802.22 Revision Project to ISO/IEC JTC/SC6 for adoption under the PSDO Agreement conditioned on approval by the IEEE SASB and conditioned on publication of the approved standard. M: Mody S: Heile	Mody	0	04:53 PM
7.08	-	IEEE 802	Nikolich	-	04:53 PM
7.09	-	IEEE 802.24	Godfrey	-	04:53 PM
7.10		IEEE 802.1			04:53 PM

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7.101	ME*	Communication, to ITU-T SG15 and CPRI Cooperation, Motion: Approve http://www.ieee802.org/1/files/public/docs2019/liaison-response-SG15-LS187-clarifications-on-fronthaul-sync-requirements-0719-v01.pdf as communication to ITU-T SG15 and CPRI Cooperation, granting the IEEE 802.1 WG chair (or his delegate) editorial license. M: Rouyer S: Law	Rouyer	0	04:53 PM
7.102	ME*	Communication, to ITU-T SG15 Motion: Approve http://www.ieee802.org/1/files/public/docs2019/liaison-response-SG15-LS187-CMde-draft-sharing-0719-v01.pdf as communication to ITU-T SG15, granting the IEEE 802.1 WG chair (or his delegate) editorial license. M: Rouyer S: Law	Rouyer	0	04:53 PM
7.103	ME*	Communication, to ITU-T SG15 Motion:Approve http://www.ieee802.org/1/files/public/docs2019/liaison-response-SG15-LS188-management-coordination-0719-v01.pdf as communication to ITU-T SG15 granting the IEEE 802.1 WG chair (or his delegate) editorial license. M: Rouyer S: Law	Rouyer	0	04:53 PM
7.104	II	Communication, to 3GPP RAN WG2 (http://www.ieee802.org/1/files/public/docs2019/liaison-response-3GPP-RAN2-Ethernet-header-compression-0719-v01.pdf)	Rouyer	0	04:53 PM
7.105	II	Communication, to 3GPP SA WG2 (http://www.ieee802.org/1/files/public/docs2019/liaison-response-3GPP-SA2-5G-integration-with-TSN-0719-v01.pdf)	Rouyer	0	04:53 PM
7.106	II	Nendica Report (https://mentor.ieee.org/802.1/dcn/19/1-19-0053-01.pptx)	Marks	5	04:53 PM
7.107	ME	Approve submission of IEEE P802.1X-Rev and IEEE P802.1Qcx to ISO/IEC JTC1/SC6	Rouyer	5	04:58 PM
7.108	ME	Liaison Comment Responses in 802.1AE-2018 and 802.1Xck-2018 to SC6	Rouyer	5	05:03 PM
					05:08 PM
8.00		**Information Items**			05:08 PM
8.01	II	**IEEE 802 / SA Task Force Report**	Nikolich	5	05:08 PM
8.02	II	**IEEE SA Staff Reports**			05:13 PM
8.03		**Standing Committee Reports**			05:13 PM
8.031	II	802 / JTC1 SC Report (https://mentor.ieee.org/802.11/dcn/19/11-19-1330-00-0jtc-closing-report-vienna-july-2019.pptx)	Myles	0	05:13 PM
8.032	II	802 / ITU SC Report	Parsons	0	05:13 PM
8.033	II	802 / IETF SC Report	Stanley	0	05:13 PM
8.04		**Officers Reports**			05:13 PM
8.041	II	1st Vice Chair Report	Gilb	5	05:13 PM
8.042	II	2nd Vice Chair Report (https://mentor.ieee.org/802-ec/dcn/19/ec-19-0132-00.pptx)	Marks	5	05:18 PM
8.043	II	Treasurer's Report	Zimmerman	5	05:23 PM
8.044	II*	Executive secretary report	Rosdahl	0	05:28 PM
8.045	II	Recording Secretary Report	D'Ambrosia	0	05:28 PM

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8.046	II*	Appeals report -No items to report	D'Ambrosia	0	05:28 PM
8.05	II	Network Services report	Linespeed	5	05:28 PM
8.06	II	Announcement of 802 EC Interim Telecon (Tuesday 1 Oct 2019, 1-3pm ET)	Rosdahl	3	05:33 PM
8.07	II*	Call for Tutorials for Nov 2019 Plenary	Rosdahl	0	05:36 PM
8.99	II	Action Item Review	D'Ambrosia	5	05:36 PM
					05:41 PM
9.00		**ADJOURN SEC MEETING**	Nikolich	0	06:00 PM

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3.00	II	Announcements from the Chair	Nikolich	5	01:25 PM

Time: 1:08 pm

The Chair showed a picture of his beautiful new grand-daughter, Aurelia Nikolich

4.00		LMSC Internal business			01:30 PM
4.01	ME	Future Venues	Rosdahl	15	01:30 PM

Time 1:09pm

Rosdahl presented slides #28-34 from attached presentation, ec-19-0118-02-00EC-executive-secretary-agenda-items-july-plenary-vienna.pdf

Mr. Rosdahl surveyed the EC on polls listed on Slide #30.

Mr. Rosdahl gave status on 802 Plenary Nov 2019 meeting.

Mr. Rosdahl gave update on July 2021 Plenary proposing Madrid. There were questions. It was noted that the motion does not commit to the signing of the contract for this venue.

* Motion #2	Move to approve Marriott Madrid Auditorium as the venue location for the July 2021 802 Plenary.
Moved	Rosdahl
Second	Heile
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.01

* Motion #3	Move to approve the Estrel Berlin, Berlin Germany as the venue location for the July 2023 802 Plenary
Moved	Rosdahl
Second	Heile
Results	13-0-1
Motion	Passes
Reference	Agenda Item #4.01

4.02		Rules Changes & Status		0	01:45 PM
4.021	ME	P&P Update	Gilb	15	01:45 PM

Gilb reviewed attached document, ec-19-0124-03-00EC-july-2019-rules-motions.pdf. Based on conversation of group, edits were made, and it will be updated to ec-19-0124-04-00EC. There was discussion regarding the motion.

* Motion #4	Approve document ec-18-0102-11 as the IEEE 802 LMSC Policies and Procedures and forward the document to AudCom for consideration and IEEE SASB approval. The First Vice Chair is empowered to provide explanations to AudCom regarding the submission.
Moved	Gilb
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.021

4.022	MI	Chair's Guidelines Update	Gilb	15	02:00 PM

Gilb reviewed attached document, ec-19-0124-03-00EC-july-2019-rules-motions.pdf.

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* Motion #5	The EC approves the document ec-18-0047-03 as revision 28 of the IEEE 802 LMSC Chair's Guidelines.
Moved	Gilb
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.022

4.023	DT	Ombudsman Rules Status	Law	5	02:15 PM

Chair asked Gilb to give update on current state of Ombudsman rules in various documents. Law gave verbal update on status of changing related rules.

Action Item -   Law   Work with Stanley, Thompson, Goldberg to generate text to socialize proposed text.

4.024	II	Update on the 802 Coexistence Process	Shellhammer	5	02:20 PM

Time: 1:59pm

Shellhammer gave verbal summary of attached document 19-19-0024-05-0000-recommended-text-on-802-coexistence-process.pdf

The 802.19 WG is working on a document that will be a submission to the EC Rules Committee, which is being sent out to ballot to the 802.19 WG.

4.03	MI	Teleconference Tools (Webex / Zoom)	Dambrosia / Marks	10	02:25 PM

Time: 2:10pm

Minutes for Item 4.03 recorded by Gilb while D'Ambrosia presented.

D'Ambrosia presented attached file, ec-19-0099-01-00EC-webex-overview.pdf.

Discussion –
- Zoom is an alternative provider
- There is one article that discussed potential security issues with Zoom, but it isn't clear if it was written by a competitor
- RE: webex –
    o Do you need a license for each person who starts a meeting?
    o It is a per instance license, but multiple people can share the logon information.
- What about corporate acceptance of Zoom, will it work through corporate firewalls.
- One limitation of Zoom is that calls are limited to 24 hours.
- Nikolich interrupted Rosdahl, but Nikolich was out of order.
- Zoom is probably better than join.me as far as corporate firewalls.

* Motion #6	Allocate $4K for 1 year – • 4 licenses Webex including Call-me Domestic and Call-me International • 1 license zoom
Moved	D'Ambrosia
Second	Zimmerman
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.03

4.04	II	Copyright Issues	Marks	5	02:35 PM

Marks gave a verbal update on concerns with IEEE-SA policy regarding copyright. There was discussion regarding the topic. The chair directed any individuals who were interested in receiving information that Marks has a draft letter expressing concerns regarding the copyright policy.

4.05	MI	Framemaker - Allocation of Funds	Gilb	10	02:40 PM

Gilb gave verbal overview of Framemaker usage. Questions about the Framemaker subscription licensing. Concerns expressed about long-term budget implications, as providing licenses to all editors.

* Motion #7	Move that the LMSC authorize the purchase of Framemaker subscription licenses with a cost not to exceed $1000 for a time period not to extend past December 2020 as a test. Technical Editors who want access to these licenses will contract the LMSC First Vice Chair, who will determine the distribution of the licenses.
Moved	Gilb
Second	D'Ambrosia
Results	10-3-1
Motion	passes
Reference	Agenda Item #4.05

4.06	MI	802 40th Anniversary - Allocation of Funds	D'Ambrosia	10	02:50 PM

Time: 2:48pm

Chair shared some content illustrating what IEEE did for the landing on the moon, and expressed that he would like something similar for the 40th Anniversary. There was some discussion, and it was noted that while a budget had not been prepared yet, but there might be some costs incurred in the near-term to meet the March 2020 target date.

* Motion #8	Authorize $20,000 as an initial allocation related to the IEEE 802 40th Anniversary
Moved	D'Ambrosia
Second	Zimmerman
Results	11-0-3
Motion	Passes
Reference	Agenda Item #4.06

4.07	MI	Electronic Media - Allocation of Funds	D'Ambrosia	10	03:00 PM

It was noted that Item 4.07 should be an MI. There was no objection to modifying the agenda.
D'Ambrosia presented attached document, ec-19-0100-01-00EC-2020-electronic-media-plan.pdf.

* Motion #9	Approve a one-time allocation of $5,000 for 2020 Edition of electronic media on USB drives as a give-away related to the 40th Anniversary
Moved	D'Ambrosia
Second	Shellhammer
Results	12-0-2
Motion	Passes
Reference	Agenda Item #4.07

4.08	MI	Draft 802 EC letter regarding myProject concerns	Zimmerman	10	03:10 PM

Zimmerman presented attached file, ec-19-0127-00-00EC-802-ec-letter-regarding-myproject.docx

* Motion #10	Move to approve ec-19-00127-00 with editorial license given to the chair or his delegate and to forward the IEEE-SA Managing Director and IEEE Executive Director with copies to IEEE-SA leadership and 802 leadership.
Moved	Zimmerman
Second	GIlb
Results	11-2-1
Motion	Passes
Reference	Agenda Item #4.08

Break at 3:25pm
Reconvene at 3:47pm

4.09	II	Update on IEEE 802.11 Co-existence Workshop	Myles	10	03:20 PM

Myles gave verbal update of the joint workshop between IEEE 802.11 Co-Existence and 3GPP.

5.00		**IEEE Standards Board and Standards Association Ballot Items**			03:40 PM
5.01		**IEEE 802.11**			03:40 PM
5.011	**ME***	To NesCom, P802.11ay PAR extension Motion: Approve forwarding P802.11ay PAR extension documentation in https://mentor.ieee.org/802.11/dcn/19/11-19-0673-00-00ay-tgay-par-extension-request.pdf to NesCom M: Stanley S: Rosdahl	Stanley	0	03:40 PM

Approved with approval of agenda

5.012	**ME***	To NesCom, P802.11az PAR extension Motion: Approve forwarding P802.11az PAR extension documentation in https://mentor.ieee.org/802.11/dcn/19/11-19-0732-01-00az-tgaz-par-extension-request.docx to NesCom M: Stanley S: Rosdahl	Stanley	0	03:40 PM

Approved with approval of agenda

5.02		**IEEE 802.15**			03:40 PM
5.021	ME	To SA Ballot, 802.15.22.3 D05 Motion: Approve sending 802.15.22.3 D05 to SA Ballot Confirm the CSD for 802.15.22.3 in https://mentor.ieee.org/802.22/dcn/19/22-19-0028-01-0003-updated-csd-for-p802-22-3-transfer-of-project-to-ieee-802-15-wg.docx M: Heile S: Mody	Heile	0	03:40 PM

Heile presented attached presentation, 15-19-0344-02-0000-802-15-22-3-to-sponsor-ballot-unconditiona.pdf

* Motion #11	• Approve sending 802.15.22.3 D05 to SA Ballot • Confirm the CSD for 802.15.22.3 in https://mentor.ieee.org/802.22/dcn/19/22-19-0028-01-0003-updated-csd-for-p802-22-3-transfer-of-project-to-ieee-802-15-wg.docx
Moved	Heile
Second	Mody
Results	Passed by voice vote without objection
Motion	Passes
Reference	Agenda Item #5.021

5.022	**ME***	To NesCom, P802.15.22.3 PAR extension Motion: Approve forwarding P802.15.22.3 PAR extension documentation in https://mentor.ieee.org/802.15/dcn/19/15-19-0305-01-0000-802-15-22-3-par-extension.pdf to NesCom M: Heile S: Mody	Heile	0	03:40 PM

Approved with approval of agenda.

5.023	ME	To NesCom, IEEE P802.15.9ma	Heile	3	03:40 PM

Heile presented attached presentation, 15-19-0348-01-09ma-802-15-9ma-to-nescom.pdf.

* Motion #12		• Approve forwarding 802.15.9 Revision 1 PAR documentation in https://mentor.ieee.org/802.15/dcn/19/15-19-0215-04-09ma-802-15-9ma-par-draft.pdf to NesCom, and • Approve CSD documentation in https://mentor.ieee.org/802.15/dcn/19/15-19-0216-02-09ma-802-15-9ma-csd-draft.docx			
Moved		Heile			
Second		Gilb			
Results		Passed by vote without opposition			
Motion		Passes			
Reference		Agenda Item #5.023			

5.024	ME	To Standards Association Ballot, IEEE P802.15.4w	Heile	3	03:43 PM

Heile presented attached presentation, 15-19-0346-01-0000-802-15-4w-to-sa-ballot-conditional.pdf

* Motion #13		• Conditionally approve sending 802.15.4w D03 (or current version) to Sponsor Ballot and • Confirm the CSD for 802.15.4w in https://mentor.ieee.org/802-ec/dcn/18/ec-18-0081-00-ACSD-802-15-4w.docx	
Moved		Heile	
Second		Gilb	
Results		12-1-0	
Motion		Passes	
Reference		Agenda Item #5.024	

5.03	-	IEEE 802.18	Holcomb	-	03:46 PM
5.04	-	IEEE 802.19	Shellhammer	-	03:46 PM
5.05		IEEE 802.21			03:46 PM
5.051	MI	Hibernation of IEEE 802.21 Working Group	Das	5	03:46 PM

Das presented attached presentation, 21-19-0051-00-0000-ec-package-for-july-2019-closing-plenary.pdf

* Motion #14		Grant the hibernation of IEEE 802.21 Working Group.
Moved		Das
Second		Shellhammer
Results		12-0-1
Motion		Passes
Reference		Agenda Item #5.051

Chair thanked Mr. Das and the 802.21 WG participants for their work. There was a hearty round of applause. Das thanked everyone, as well as his Vice Chair.

5.06		IEEE 802.22			03:51 PM
5.061	ME*	To RevCom (conditional), IEEE P802.22 Revision Draft 8.0 Motion: Conditionally approve sending P802.22 Revision Draft 8.0 to RevCom. Approve CSD documentation in https://mentor.ieee.org/802.22/dcn/19/22-19-0017-04-0000-802-22-revision-par-new-csd-5c.docx M: Mody S: Heile	Mody	0	03:51 PM

Approved with approval of agenda.

5.062	MI	Conditional Approval to hibernate the 802.22 Working Group pending the Standards Board Approval of the 802.22 Revision.	Mody	5	03:51 PM

Mody presented attached presentation, ec-19-0120-01-00EC-802-22-july-plenary-ec-closing-motions.pdf

* Motion #15	Conditional Approval to hibernate the 802.22 Working Group pending the Standards Board Approval of the 802.22 Revision
Moved	Mody
Second	Heile
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.062

5.07		IEEE 802.1			03:56 PM
5.071	ME	To NesCom, IEEE P802.1AS-Rev PAR extension Motion: Approve forwarding P802.1AS-Rev PAR extension in http://www.ieee802.org/1/files/public/docs2019/as-PAR-extension-0719-v01.pdf to NesCom Approve (unmodified) CSD documentation in https://mentor.ieee.org/802-ec/dcn/18/ec-18-0243-00-ACSD-p802-1as.pdf M: Rouyer S: Law	Rouyer	5	03:56 PM

Rouyer presented slide #3 of attached presentation, ec-19-0131-01-00EC-802-1-regular-agenda-items-lmsc-closing.pdf.

* Motion #16	• Approve forwarding P802.1AS-Rev PAR extension in http://www.ieee802.org/1/files/public/docs2019/as-PAR-extension-0719-v01.pdf to NesCom • Approve (unmodified) CSD documentation in https://mentor.ieee.org/802-ec/dcn/18/ec-18-0243-00-ACSD-p802-1as.pdf
Moved	Rouyer
Second	Law
Results	Passed by voice vote without objection
Motion	Passes
Reference	Agenda Item #5.071

5.072	ME*	To NesCom, IEEE P802.1Qcj PAR extension Motion: Approve forwarding P802.1Qcj PAR extension in http://www.ieee802.org/1/files/public/docs2019/cj-PAR-extension-0719-v01.pdf to NesCom Approve (unmodified) CSD documentation in http://www.ieee802.org/1/files/public/docs2019/cj-CSD-0719-v01.pdf M: Rouyer S: Law	Rouyer	0	04:01 PM

Approved with approval of agenda.

5.073	ME*	To NesCom, IEEE P802.1ABdh PAR Motion: Approve forwarding P802.1ABdh PAR documentation in http://www.ieee802.org/1/files/public/docs2019/dh-PAR-0719-v01.pdf to NesCom Approve CSD documentation in http://www.ieee802.org/1/files/public/docs2019/dh-CSD-0719-v01.pdf M: Rouyer S: Law	Rouyer	0	04:01 PM

Approved with approval of agenda.

| 5.074 | ME* | To NesCom, IEEE P802.1Qdj PAR
Motion: Approve forwarding P802.1Qdj PAR documentation in http://www.ieee802.org/1/files/public/docs2019/dj-PAR-0719-v01.pdf to NesCom
Approve CSD documentation in http://www.ieee802.org/1/files/public/docs2019/dj-CSD-0719-v01.pdf
M: Rouyer   S: Law | Rouyer | 0 | 04:01 PM |

Approved with approval of agenda.

| 5.075 | ME* | To Standards Association Ballot, IEEE P802.1X-Rev-D1.4
Approve sending P802.1X-Rev-D1.4 to Standards Association Ballot
[Maintenance PAR, no CSD]
M: Rouyer   S: Law | Rouyer | 0 | 04:01 PM |

Approved with approval of agenda.

| 5.076 | ME | To NesCom, IEEE P802E PAR Extension | Rouyer | 5 | 04:01 PM |

Rouyer presented slide #4 of attached presentation, ec-19-0131-01-00EC-802-1-regular-agenda-items-lmsc-closing.pdf.

* Motion #17	• Approve forwarding P802E PAR extension in http://www.ieee802.org/1/files/public/docs2019/802e-par-extension-request-0719-v2.pdf to NesCom • Approve (unmodified) CSD documentation in https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0029-01-0000-privacy-ec-sg-csd-proposal.docx
Moved	Rouyer
Second	Law
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.076

5.08		IEEE 802.3			04:06 PM
5.081	ME*	To NesCom, IEEE P802.3cv Maintenance #15: Power over Ethernet, New PAR Motion: Approve forwarding IEEE P802.3cv Maintenance #15: Power over Ethernet PAR documentation in <https://mentor.ieee.org/802-ec/dcn/19/ec-19-0074-01-00EC-ieee-p802-3cv-draft-par-response.pdf> to NesCom M: Law S: DAmbrosia	Law	0	04:06 PM

Approved with approval of agenda.

| 5.082 | ME* | To Standards Association Ballot, IEEE P802.3cn 50 Gb/s, 200 Gb/s, and 400 Gb/s over greater than 10 km of SMF
Motion: Approve sending IEEE P802.3cn 50 Gb/s, 200 Gb/s, and 400 Gb/s over greater than 10 km of SMF to Standards Association ballot. Confirm the CSD for IEEE P802.3cn in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0248-00-ACSD-p802-3cn.pdf>.
M: Law   S: D'Ambrosia | Law | 0 | 04:06 PM |

Approved with approval of agenda.

| 5.083 | ME | To Standards Association Ballot, IEEE P802.3cm 400 Gb/s over Multimode Fiber | Law | 3 | 04:06 PM |

Law presented slides #2-6 of attached presentation, ec-19-0094-00-00EC-ieee-802-3-ethernet-working-group-agenda-items-friday-19th-july-2019.pdf

* Motion #18	Approve sending IEEE P802.3cm 400 Gb/s over Multimode Fiber to Standards Association ballot to Standards Association ballot. Confirm the CSD for IEEE P802.3cm in https://mentor.ieee.org/802-ec/dcn/18/ec-18-0078-00-ACSD-8023cm.pdf.
Moved	Law
Second	D'Ambrosia
Results	Approved by voice vote without opposition
Motion	passes
Reference	Agenda Item #5.083

5.084	ME	To Standards Association Ballot, IEEE P802.3cq Power over Ethernet over 2 Pairs (Maintenance #13)	Law	3	04:09 PM

Law presented slides #7-10 of attached presentation, ec-19-0094-00-00EC-ieee-802-3-ethernet-working-group-agenda-items-friday-19th-july-2019.pdf

* Motion #19	Approve sending IEEE P802.3cq Power over Ethernet over 2 Pairs (Maintenance #13) to Standards Association ballot.
Moved	Law
Second	D'Ambrosia
Results	Passes by voice vote without opposition
Motion	Passes
Reference	Agenda Item #5.084

6.00		Executive Committee Study Groups, Working Groups, TAGs, Industry Connections			04:12 PM
6.01	-	IEEE 802.11	Stanley	-	04:12 PM
6.02	-	IEEE 802.15	Heile	-	04:12 PM
6.03	-	IEEE 802.18	Holcomb	-	04:12 PM
6.04	-	IEEE 802.19	Shellhammer	-	04:12 PM
6.05		IEEE 802.21		-	04:12 PM
6.06	-	IEEE 802.22	Mody	-	04:12 PM
6.07		IEEE 802.24			04:12 PM
6.071	II	Potential request to amend 802.16 (Reference: https://mentor.ieee.org/802-ec/dcn/19/ec-19-0122-00-00EC-new-amendment-of-ieee-802-16-informative-letter-to-ieee-802-ec.pdf)	Godfrey	5	04:12 PM

Time 4:47pm
Godfrey gave verbal update of noted document.

6.08	-	IEEE 802.1	Messenger	-	04:17 PM
6.09		IEEE 802.3			04:17 PM
6.091	MI*	IEEE 802.3 Greater than 10 Gb/s Automotive Ethernet Electrical PHYs Study Group (first rechartering) Motion: Grant the 1st rechartering of the IEEE 802.3 Greater than 10 Gb/s Automotive Ethernet Electrical PHYs Study Group M: Law S: DAmbrosia	Law	0	04:17 PM

Approved with approval of agenda.

6.092	MI	Formation of IEEE 802.3 Automotive optical Multi-Gig study group	Law	3	04:17 PM

Law presented slides #11-12 of <mark>attached presentation, ec-19-0094-00-00EC-ieee-802-3-ethernet-working-group-agenda-items-friday-19th-july-2019.pdf</mark>

* Motion #20	Approve the formation of an IEEE 802.3 Automotive optical Multi-Gig Study Group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for Multi Gigabit Automotive Optical PHY
Moved	Law
Second	D'Ambrosia
Results	Approved by voice vote without opposition
Motion	Passes
Reference	Agenda Item #6.092

6.093	MI	Formation of IEEE 802.3 Improving Precision Time Protocol (PTP) Timestamping Accuracy on Ethernet Interfaces study group	Law	3	04:20 PM

Law presented slides #13-14 of <mark>attached presentation, ec-19-0094-00-00EC-ieee-802-3-ethernet-working-group-agenda-items-friday-19th-july-2019.pdf</mark>

* Motion #21	Approve the formation of an IEEE 802.3 Improving Precision Time Protocol (PTP) Timestamping Accuracy on Ethernet Interfaces Study Group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses to address high accuracy time transport for IEEE 802.3 Ethernet
Moved	D'Ambrosia
Second	Law
Results	Approved by voice vote without opposition
Motion	Passes
Reference	Agenda Item #6.093

6.094	MI	Formation of IEEE 802.3 10 Mb/s Single Pair Ethernet MultidropEnhancements study group	Law	3	04:23 PM

Law presented slides #15-16 of <mark>attached presentation, ec-19-0094-00-00EC-ieee-802-3-ethernet-working-group-agenda-items-friday-19th-july-2019.pdf</mark>

* Motion #22	Approve the formation of an IEEE 802.3 10 Mb/s Single Pair Ethernet Multidrop Enhancements study group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for 10 Mb/s Single Pair Ethernet Multidrop Enhancements.
Moved	Law
Second	D'Ambrosia
Results	Approved by voice vote without opposition
Motion	Passes
Reference	Agenda Item #6.094

Chair noted that due to time constraints, he wanted to address agenda items that required motions first. There were no objections.

7.023	ME	Liaison of JTC1 SC6 802.11aj comment response	Stanley	5	04:36 PM

Stanley presented slides #16 of <mark>attached presentation, 11-19-0993-01-0000-july-2019-wg-motions.pdf.</mark>

* Motion #23	Approve **https://mentor.ieee.org/802.11/dcn/19/11-19-1177-01-0jtc-ls-to-sc6-wrt-ieee-802-11aj.docx** **to be liaised to ISO/IEC JTC1/SC6 as a response to the comment received during the 60-day ballot on IEEE Std 802.11aj-2018, conducted according to the PSDO process**
Moved	Stanley
Second	Rosdahl
Results	Approved by voice vote without opposition
Motion	Passes
Reference	Agenda Item #7.023

7.04		IEEE 802.18			04:46 PM
7.041	ME	Submission to APT on WRC-19 AIs (https://mentor.ieee.org/802-ec/dcn/19/ec-19-0128-00-00EC-motion-apt-wpx-wrc-19-ais-ieee-802-views.pptx)	Holcomb	5	04:46 PM

Holcomb presented attached presentation, ec-19-0128-00-00EC-motion-apt-wpx-wrc-19-ais-ieee-802-views.pdf

* Motion #24	• Move to approve 3 documents: • working party 1: agenda items 1.12 and 1.15: https://mentor.ieee.org/802.18/dcn/19/18-19-0094-04-0000-apt-wp1-wrc-19-ais-1-12-1-15-ieee-802-views.docx • working party 2: agenda items 1.13, 1.16 and 9.1.5: https://mentor.ieee.org/802.18/dcn/19/18-19-0095-04-0000-apt-wp2-wrc-19-ais-1-13-1-16-9-1-5-ieee-802-views.docx • working party 6: agenda item 10: https://mentor.ieee.org/802.18/dcn/19/18-19-0096-04-0000-apt-wp6-wrc-19-ais-10-ieee-802-views.docx on IEEE 802's view points on WRC-19 appropriate Agenda Items for APT (Asia- Pacific Telecommunity) consideration. With the chair of 802.18 to have editorial privileges and send to the identified APT Working Parties by 23 July 2019.
Moved	Holcomb
Second	Godfrey
Results	Approved by voice vote without opposition
Motion	Passes
Reference	Agenda Item #7.041

7.107	ME	Approve submission of IEEE P802.1X-Rev and IEEE P802.1Qcx to ISO/IEC JTC1/SC6	Rouyer	5	04:58 PM

Rouyer presented slide#6 of attached presentation, ec-19-0131-01-00EC-802-1-regular-agenda-items-lmsc-closing.pdf.

* Motion #25	• Approve submission of the following draft(s) to ISO/IEC JTC1/SC6 for information under the PSDO agreement – P802.1X-Rev – P802.1Qcx conditional on the draft entering SA ballot.
Moved	Rouyer
Second	Law
Results	Approved by voice vote without opposition
Motion	Passes
Reference	Agenda Item #7.107

| 7.108 | ME | Liaison Comment Responses in 802.1AE-2018 and 802.1Xck-2018 to SC6 | Rouyer | 5 | 05:03 PM |

Rouyer presented slide#7 of attached presentation, ec-19-0131-01-00EC-802-1-regular-agenda-items-lmsc-closing.pdf.

* Motion #26	• Approve liaison of the following comment responses to ISO/IEC JTC1/SC6 under the PSDO agreement:
	    • IEEE 802.1AE-2018
	        • http://ieee802.org/1/files/public/docs2019/maint-randall-SC6CommentResp1AE-0719-v03.pdf
	    • IEEE 802.1Xck-2018
	        • http://ieee802.org/1/files/public/docs2019/maint-randall-SC6CommentResponse1Xck-0719-v01.pdf

Moved	Rouyer
Second	Law
Results	Approved by voice vote without opposition
Motion	Passes
Reference	Agenda Item #7.108

7.00		**LMSC Liaisons and External Communications**			04:26 PM
~~7.01~~	-	~~IEEE 802.3~~	~~Law~~	-	04:26 PM
7.02		IEEE 802.11			04:26 PM
7.021	II	AANI Liaison to #GPP SA	Stanley	5	04:26 PM

Stanley presented slide #14 of attached presentation, 11-19-0993-01-0000-july-2019-wg-motions.pdf.

7.022	II	WG11 Subgroup Public Statement to ITU-T	Stanley	5	04:31 PM

Stanley presented slide #15 of attached presentation, 11-19-0993-01-0000-july-2019-wg-motions.pdf.

7.024	II	Press release request - AANI	Stanley	5	04:41 PM

Stanley presented slide #17 of attached presentation, 11-19-0993-01-0000-july-2019-wg-motions.pdf.

~~7.03~~	-	~~IEEE 802.15~~	~~Heile~~	-	04:46 PM
7.05		IEEE 802.19			04:51 PM
7.051	II	Liaison to Wi-Fi Alliance to request information on sub-1GHz Wi-Fi usage models. (https://mentor.ieee.org/802.19/dcn/19/19-19-0039-01-0003-liaison-to-wi-fi-alliance-sub-1ghz-usage-models.docx)	Shellhammer	2	04:51 PM

Shellhammer gave verbal update of noted document in agenda item.

~~7.06~~	-	~~IEEE 802.21~~	~~Das~~	-	04:53 PM
7.07		IEEE 802.22			04:53 PM
7.071	**ME***	Liaison 802.22 Draft 8.0 to SC6 for Information, Motion: Approve liaison of the following draft(s) to ISO/IEC JTC1/SC6 for information under the PSDO agreement: P802.22 Draft 8.0 M: Mody S: Heile	Mody	0	04:53 PM

Approved with approval of agenda.

| 7.072 | ME* | Adoption of IEEE 802.22 Revision under PSDO agreement
Motion: Approve submission of IEEE 802.22 Revision Project to ISO/IEC JTC/SC6 for adoption under the PSDO Agreement conditioned on approval by the IEEE SASB and conditioned on publication of the approved standard.
M: Mody   S: Heile | Mody | 0 | 04:53 PM |

Approved with approval of agenda.

7.08	-	IEEE 802	Nikolich	-	04:53 PM
7.09	-	IEEE 802.24	Godfrey	-	04:53 PM
7.10		IEEE 802.1			04:53 PM
7.101	ME*	Communication, to ITU-T SG15 and CPRI Cooperation, Motion: Approve http://www.ieee802.org/1/files/public/docs2019/liaison-response-SG15-LS187-clarifications-on-fronthaul-sync-requirements-0719-v01.pdf as communication to ITU-T SG15 and CPRI Cooperation, granting the IEEE 802.1 WG chair (or his delegate) editorial license. M: Rouyer S: Law	Rouyer	0	04:53 PM

Approved with approval of agenda.

| 7.102 | ME* | Communication, to ITU-T SG15
Motion: Approve http://www.ieee802.org/1/files/public/docs2019/liaison-response-SG15-LS187-CMde-draft-sharing-0719-v01.pdf as communication to ITU-T SG15, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
M: Rouyer   S: Law | Rouyer | 0 | 04:53 PM |

Approved with approval of agenda.

| 7.103 | ME* | Communication, to ITU-T SG15
Motion:Approve http://www.ieee802.org/1/files/public/docs2019/liaison-response-SG15-LS188-management-coordination-0719-v01.pdf as communication to ITU-T SG15 granting the IEEE 802.1 WG chair (or his delegate) editorial license.
M: Rouyer   S: Law | Rouyer | 0 | 04:53 PM |

Approved with approval of agenda.

| 7.104 | ME* | Communication, to 3GPP RAN WG2
Motion: Approve http://www.ieee802.org/1/files/public/docs2019/liaison-response-3GPP-RAN2-Ethernet-header-compression-0719-v01.pdf as communication to 3GPP RAN WG2, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
M: Rouyer   S: Law | Rouyer | 0 | 04:53 PM |

Approved with approval of agenda.

| 7.105 | ME* | Communication, to 3GPP SA WG2
Motion: Approve http://www.ieee802.org/1/files/public/docs2019/liaison-response-3GPP-SA2-5G-integration-with-TSN-0719-v01.pdf as communication to 3GPP SA WG2, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
M: Rouyer   S: Law | Rouyer | 0 | 04:53 PM |

Approved with approval of agenda.

| 7.106 | II | Nendica Report (https://mentor.ieee.org/802.1/dcn/19/1-19-0053-01.pptx) | Marks | 5 | 04:53 PM |

Marks gave verbal update.

| 8.00 | | **Information Items** | | | 05:08 PM |
| 8.01 | II | **IEEE 802 / SA Task Force Report** | Nikolich | 5 | 05:08 PM |

Nikolich reviewed attached document, ec-19-0129-01-00EC-ieee-802-july2019-taskforce-minutes-07182019.pdf

8.02	II	**IEEE SA Staff Reports**			05:13 PM

No reports

8.03		**Standing Committee Reports**			05:13 PM
8.031	II	802 / JTC1 SC Report (https://mentor.ieee.org/802.11/dcn/19/11-19-1330-00-0jtc-closing-report-vienna-july-2019.pptx)	Myles	0	05:13 PM

Myles gave verbal summary.

8.032	II	802 / ITU SC Report	Parsons	0	05:18 PM

No report as Parsons was not present.

8.033	II	802 / IETF SC Report	Stanley	0	05:23 PM

Nothing to report

8.04		**Officers Reports**			05:28 PM
8.041	II	1st Vice Chair Report	Gilb	5	05:28 PM

Gilb gave verbal overview

* Motion #27	Motion to reconsider #7.072
Moved	Gilb
Second	Law
Results	5-2-7
Motion	Passes
Reference	Agenda Item #7.072

7.072	ME*	Adoption of IEEE 802.22 Revision under PSDO agreement Motion: Approve submission of IEEE 802.22 Revision Project to ISO/IEC JTC/SC6 for adoption under the PSDO Agreement conditioned on approval by the IEEE SASB and conditioned on publication of the approved standard. M: Mody S: Heile	Mody	0	04:53 PM

Mody presented Slide 10 of attached presentation, ec-19-0120-01-00EC-802-22-july-plenary-ec-closing-motions.pdf.

* Motion #28	• Approve submission of the following project(s) to ISO/IEC JTC1/SC6 for adoption under the PSDO agreement • P802.22 Revision • conditional on publication of approved standard
Moved	Mody
Second	Heile
Results	Approved by voice vote without opposition
Motion	Passes
Reference	Agenda Item #7.072

8.042	II	2nd Vice Chair Report (https://mentor.ieee.org/802-ec/dcn/19/ec-19-0132-00.pptx)	Marks	5	05:33 PM

Marks presented attached presentation, ec-19-0132-01-00EC-second-vice-chair-report-addressing-orientation-activity

8.043	II	Treasurer's Report	Zimmerman	5	05:38 PM

Zimmerman presented attached presentation, ec-19-0134-01-00EC-july-2019-closing-ec-treasurers-report.pdf

Action Item: Zimmerman organize call in September timeframe to discuss 802 financial planning ad hoc.

IEEE 802 Jul 2019 Plenary
ec-19-0082-00-00EC

8.044	II*	Executive secretary report	Rosdahl	0	05:43 PM

No report.

8.045	II	Recording Secretary Report	D'Ambrosia	0	05:43 PM

No report.

8.046	II*	Appeals report -No items to report	D'Ambrosia	0	05:43 PM

8.05	II	**Network Services report**	Linespeed	5	05:43 PM

Rick Alfvin presented attached presentation, ec-19-0135-00-00EC-network-report-july-2019-plenary-vienna.pdf

2.25 Terabytes down.

8.06	II	**Announcement of 802 EC Interim Telecon (Tuesday 1 Oct 2019, 1-3pm ET)**	Rosdahl	3	05:48 PM

Rosdahl presented slide #36 from attached presentation, ec-19-0118-02-00EC-executive-secretary-agenda-items-july-plenary-vienna.pdf

8.07	II*	**Call for Tutorials for Nov 2019 Plenary**	Rosdahl	0	05:51 PM

Rosdahl presented slide #37 from attached presentation, ec-19-0118-02-00EC-executive-secretary-agenda-items-july-plenary-vienna.pdf

8.99	II	**Action Item Review**	D'Ambrosia	5	05:51 PM

Chair deferred this item to allow the Chair and Recording Secretary to review.

Chair noted that Jonathan Goldberg had feedback on the slides from the copyright tutorial. It was asked that the copyright presentation not be shared – it was a draft and feedback was requested on those slides. It was asked that the EC wait until the final slides are shared.

The EC thanked Jon Rosdahl for all his efforts in planning what was considered a successful plenary session.

9.00		**ADJOURN SEC MEETING**	Nikolich	0	06:00 PM

Meeting broke at 5:58pm.

Action Items

4.023	Law	Work with Stanley, Thompson, Goldberg to generate text to socialize proposed text.
8.043	Zimmerman	Organize call in September timeframe to discuss 802 financial planning ad hoc

Motions

Consent Agenda

5.011	ME*	To NesCom, P802.11ay PAR extension Motion: Approve forwarding P802.11ay PAR extension documentation in https://mentor.ieee.org/802.11/dcn/19/11-19-0673-00-00ay-tgay-par-extension-request.pdf to NesCom M: Stanley S: Rosdahl	Stanley	0	03:40 PM
5.012	ME*	To NesCom, P802.11az PAR extension Motion: Approve forwarding P802.11az PAR extension documentation in https://mentor.ieee.org/802.11/dcn/19/11-19-0732-01-00az-tgaz-par-extension-request.docx to NesCom M: Stanley S: Rosdahl	Stanley	0	03:40 PM
5.022	ME*	To NesCom, P802.15.22.3 PAR extension Motion: Approve forwarding P802.15.22.3 PAR extension documentation in https://mentor.ieee.org/802.15/dcn/19/15-19-0305-01-0000-802-15-22-3-par-extension.pdf to NesCom M: Heile S: Mody	Heile	0	03:40 PM
5.061	ME*	To RevCom (conditional), IEEE P802.22 Revision Draft 8.0 Motion: Conditionally approve sending P802.22 Revision Draft 8.0 to RevCom. Approve CSD documentation in https://mentor.ieee.org/802.22/dcn/19/22-19-0017-04-0000-802-22-revision-par-new-csd-5c.docx M: Mody S: Heile	Mody	0	03:51 PM
5.072	ME*	To NesCom, IEEE P802.1Qcj PAR extension Motion: Approve forwarding P802.1Qcj PAR extension in http://www.ieee802.org/1/files/public/docs2019/cj-PAR-extension-0719-v01.pdf to NesCom Approve (unmodified) CSD documentation in http://www.ieee802.org/1/files/public/docs2019/cj-CSD-0719-v01.pdf M: Rouyer S: Law	Rouyer	0	04:01 PM
5.073	ME*	To NesCom, IEEE P802.1ABdh PAR Motion: Approve forwarding P802.1ABdh PAR documentation in http://www.ieee802.org/1/files/public/docs2019/dh-PAR-0719-v01.pdf to NesCom Approve CSD documentation in http://www.ieee802.org/1/files/public/docs2019/dh-CSD-0719-v01.pdf M: Rouyer S: Law	Rouyer	0	04:01 PM
5.074	ME*	To NesCom, IEEE P802.1Qdj PAR Motion: Approve forwarding P802.1Qdj PAR documentation in http://www.ieee802.org/1/files/public/docs2019/dj-PAR-0719-v01.pdf to NesCom Approve CSD documentation in http://www.ieee802.org/1/files/public/docs2019/dj-CSD-0719-v01.pdf M: Rouyer S: Law	Rouyer	0	04:01 PM
5.075	ME*	To Standards Association Ballot, IEEE P802.1X-Rev-D1.4 Approve sending P802.1X-Rev-D1.4 to Standards Association Ballot [Maintenance PAR, no CSD] M: Rouyer S: Law	Rouyer	0	04:01 PM
5.081	ME*	To NesCom, IEEE P802.3cv Maintenance #15: Power over Ethernet, New PAR Motion: Approve forwarding IEEE P802.3cv Maintenance #15: Power over Ethernet PAR documentation in <https://mentor.ieee.org/802-ec/dcn/19/ec-19-0074-01-00EC-ieee-p802-3cv-draft-par-response.pdf> to NesCom M: Law S: DAmbrosia	Law	0	04:06 PM

5.082	ME*	To Standards Association Ballot, IEEE P802.3cn 50 Gb/s, 200 Gb/s, and 400 Gb/s over greater than 10 km of SMF Motion: Approve sending IEEE P802.3cn 50 Gb/s, 200 Gb/s, and 400 Gb/s over greater than 10 km of SMF to Standards Association ballot. Confirm the CSD for IEEE P802.3cn in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0248-00-ACSD-p802-3cn.pdf>. M: Law S: D'Ambrosia	Law	0	04:06 PM
6.091	MI*	IEEE 802.3 Greater than 10 Gb/s Automotive Ethernet Electrical PHYs Study Group (first rechartering) Motion: Grant the 1st rechartering of the IEEE 802.3 Greater than 10 Gb/s Automotive Ethernet Electrical PHYs Study Group M: Law S: DAmbrosia	Law	0	04:17 PM
7.071	ME*	Liaison 802.22 Draft 8.0 to SC6 for Information, Motion: Approve liaison of the following draft(s) to ISO/IEC JTC1/SC6 for information under the PSDO agreement: P802.22 Draft 8.0 M: Mody S: Heile	Mody	0	04:53 PM
7.072	ME*	Adoption of IEEE 802.22 Revision under PSDO agreement Motion: Approve submission of IEEE 802.22 Revision Project to ISO/IEC JTC/SC6 for adoption under the PSDO Agreement conditioned on approval by the IEEE SASB and conditioned on publication of the approved standard. M: Mody S: Heile	Mody	0	04:53 PM
7.101	ME*	Communication, to ITU-T SG15 and CPRI Cooperation, Motion: Approve http://www.ieee802.org/1/files/public/docs2019/liaison-response-SG15-LS187-clarifications-on-fronthaul-sync-requirements-0719-v01.pdf as communication to ITU-T SG15 and CPRI Cooperation, granting the IEEE 802.1 WG chair (or his delegate) editorial license. M: Rouyer S: Law	Rouyer	0	04:53 PM
7.102	ME*	Communication, to ITU-T SG15 Motion: Approve http://www.ieee802.org/1/files/public/docs2019/liaison-response-SG15-LS187-CMde-draft-sharing-0719-v01.pdf as communication to ITU-T SG15, granting the IEEE 802.1 WG chair (or his delegate) editorial license. M: Rouyer S: Law	Rouyer	0	04:53 PM
7.103	ME*	Communication, to ITU-T SG15 Motion:Approve http://www.ieee802.org/1/files/public/docs2019/liaison-response-SG15-LS188-management-coordination-0719-v01.pdf as communication to ITU-T SG15 granting the IEEE 802.1 WG chair (or his delegate) editorial license. M: Rouyer S: Law	Rouyer	0	04:53 PM

* Motion #1	Move to approve the modified agenda
Moved	D'Ambrosia
Second	Stanley
Results	14-0-0
Motion	Passes
Reference	Agenda Item #2.00

* Motion #2	Move to approve Marriott Madrid Auditorium as the venue location for the July 2021 802 Plenary.
Moved	Rosdahl
Second	Heile
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.01

* Motion #3	Move to approve the Estrel Berlin, Berlin Germany as the venue location for the July 2023 802 Plenary
Moved	Rosdahl
Second	Heile
Results	13-0-1
Motion	Passes
Reference	Agenda Item #4.01

* Motion #4	Approve document ec-18-0102-11 as the IEEE 802 LMSC Policies and Procedures and forward the document to AudCom for consideration and IEEE SASB approval. The First Vice Chair is empowered to provide explanations to AudCom regarding the submission.
Moved	Gilb
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.021

* Motion #5	The EC approves the document ec-18-0047-03 as revision 28 of the IEEE 802 LMSC Chair's Guidelines.
Moved	Gilb
Second	D'Ambrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.022

* Motion #6	Allocate $4K for 1 year – • 4 licenses Webex including Call-me Domestic and Call-me International • 1 license zoom
Moved	D'Ambrosia
Second	Zimmerman
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.03

* Motion #7	Move that the LMSC authorize the purchase of Framemaker subscription licenses with a cost not to exceed $1000 for a time period not to extend past December 2020 as a test. Technical Editors who want access to these licenses will contract the LMSC First Vice Chair, who will determine the distribution of the licenses.
Moved	Gilb
Second	D'Ambrosia
Results	10-3-1
Motion	passes
Reference	Agenda Item #4.05

* Motion #8	Authorize $20,000 as an initial allocation related to the IEEE 802 40th Anniversary
Moved	D'Ambrosia
Second	Zimmerman
Results	11-0-3
Motion	Passes
Reference	Agenda Item #4.06

* Motion #9	Approve a one-time allocation of $5,000 for 2020 Edition of electronic media on USB drives as a give-away related to the 40th Anniversary
Moved	D'Ambrosia
Second	Shellhammer
Results	12-0-2
Motion	Passes
Reference	Agenda Item #4.07

* Motion #10	Move to approve ec-19-00127-00 with editorial license given to the chair or his delegate and to forward the IEEE-SA Managing Director and IEEE Executive Director with copies to IEEE-SA leadership and 802 leadership.
Moved	Zimmerman
Second	GIlb
Results	11-2-1
Motion	Passes
Reference	Agenda Item #4.08

* Motion #11	• Approve sending 802.15.22.3 D05 to SA Ballot • Confirm the CSD for 802.15.22.3 in https://mentor.ieee.org/802.22/dcn/19/22-19-0028-01-0003-updated-csd-for-p802-22-3-transfer-of-project-to-ieee-802-15-wg.docx
Moved	Heile
Second	Mody
Results	Passed by voice vote without objection
Motion	Passes
Reference	Agenda Item #5.021

* Motion #12	• Approve forwarding 802.15.9 Revision 1 PAR documentation in https://mentor.ieee.org/802.15/dcn/19/15-19-0215-04-09ma-802-15-9ma-par-draft.pdf to NesCom, and • Approve CSD documentation in https://mentor.ieee.org/802.15/dcn/19/15-19-0216-02-09ma-802-15-9ma-csd-draft.docx
Moved	Heile
Second	Gilb
Results	Passed by vote without opposition
Motion	Passes
Reference	Agenda Item #5.023

* Motion #13	• Conditionally approve sending 802.15.4w D03 (or current version) to Sponsor Ballot and • Confirm the CSD for 802.15.4w in https://mentor.ieee.org/802-ec/dcn/18/ec-18-0081-00-ACSD-802-15-4w.docx
Moved	Heile
Second	Gilb
Results	12-1-0
Motion	Passes
Reference	Agenda Item #5.024

* Motion #14	Grant the hibernation of IEEE 802.21 Working Group.
Moved	Das
Second	Shellhammer
Results	12-0-1
Motion	Passes
Reference	Agenda Item #5.051

* Motion #15	Conditional Approval to hibernate the 802.22 Working Group pending the Standards Board Approval of the 802.22 Revision
Moved	Mody
Second	Heile
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.062

* Motion #16	• Approve forwarding P802.1AS-Rev PAR extension in http://www.ieee802.org/1/files/public/docs2019/as-PAR-extension-0719-v01.pdf to NesCom • Approve (unmodified) CSD documentation in https://mentor.ieee.org/802-ec/dcn/18/ec-18-0243-00-ACSD-p802-1as.pdf
Moved	Rouyer
Second	Law
Results	Passed by voice vote without objection
Motion	Passes
Reference	Agenda Item #5.071

* Motion #17	• Approve forwarding P802E PAR extension in http://www.ieee802.org/1/files/public/docs2019/802e-par-extension-request-0719-v2.pdf to NesCom • Approve (unmodified) CSD documentation in https://mentor.ieee.org/privecsg/dcn/15/privecsg-15-0029-01-0000-privacy-ec-sg-csd-proposal.docx
Moved	Rouyer
Second	Law
Results	14-0-0
Motion	Passes
Reference	Agenda Item #5.076

* Motion #18	Approve sending IEEE P802.3cm 400 Gb/s over Multimode Fiber to Standards Association ballot to Standards Association ballot. Confirm the CSD for IEEE P802.3cm in https://mentor.ieee.org/802-ec/dcn/18/ec-18-0078-00-ACSD-8023cm.pdf.
Moved	Law
Second	D'Ambrosia
Results	Approved by voice vote without opposition
Motion	passes
Reference	Agenda Item #5.083

* Motion #19	Approve sending IEEE P802.3cq Power over Ethernet over 2 Pairs (Maintenance #13) to Standards Association ballot.
Moved	Law
Second	D'Ambrosia
Results	Passes by voice vote without opposition
Motion	Passes
Reference	Agenda Item #5.084

* Motion #20	Approve the formation of an IEEE 802.3 Automotive optical Multi-Gig Study Group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for Multi Gigabit Automotive Optical PHY
Moved	Law
Second	D'Ambrosia
Results	Approved by voice vote without opposition
Motion	Passes
Reference	Agenda Item #6.092

* Motion #21	Approve the formation of an IEEE 802.3 Improving Precision Time Protocol (PTP) Timestamping Accuracy on Ethernet Interfaces Study Group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses to address high accuracy time transport for IEEE 802.3 Ethernet
Moved	D'Ambrosia
Second	Law
Results	Approved by voice vote without opposition
Motion	Passes
Reference	Agenda Item #6.093

* Motion #22	Approve the formation of an IEEE 802.3 10 Mb/s Single Pair Ethernet Multidrop Enhancements study group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for 10 Mb/s Single Pair Ethernet Multidrop Enhancements.
Moved	Law
Second	D'Ambrosia
Results	Approved by voice vote without opposition
Motion	Passes
Reference	Agenda Item #6.094

* Motion #23	**Approve https://mentor.ieee.org/802.11/dcn/19/11-19-1177-01-0jtc-ls-to-sc6-wrt-ieee-802-11aj.docx to be liaised to ISO/IEC JTC1/SC6 as a response to the comment received during the 60-day ballot on IEEE Std 802.11aj-2018, conducted according to the PSDO process**
Moved	Stanley
Second	Rosdahl
Results	Approved by voice vote without opposition
Motion	Passes
Reference	Agenda Item #7.023

* Motion #24	• Move to approve 3 documents: • working party 1: agenda items 1.12 and 1.15: https://mentor.ieee.org/802.18/dcn/19/18-19-0094-04-0000-apt-wp1-wrc-19-ais-1-12-1-15-ieee-802-views.docx • working party 2: agenda items 1.13, 1.16 and 9.1.5: https://mentor.ieee.org/802.18/dcn/19/18-19-0095-04-0000-apt-wp2-wrc-19-ais-1-13-1-16-9-1-5-ieee-802-views.docx • working party 6: agenda item 10: https://mentor.ieee.org/802.18/dcn/19/18-19-0096-04-0000-apt-wp6-wrc-19-ais-10-ieee-802-views.docx on IEEE 802's view points on WRC-19 appropriate Agenda Items for APT (Asia- Pacific Telecommunity) consideration. With the chair of 802.18 to have editorial privileges and send to the identified APT Working Parties by 23 July 2019.
Moved	Holcomb
Second	Godfrey
Results	Approved by voice vote without opposition
Motion	Passes
Reference	Agenda Item #7.041

* Motion #25	• Approve submission of the following draft(s) to ISO/IEC JTC1/SC6 for information under the PSDO agreement – P802.1X-Rev – P802.1Qcx conditional on the draft entering SA ballot.
Moved	Rouyer
Second	Law
Results	Approved by voice vote without opposition
Motion	Passes
Reference	Agenda Item #7.107

* Motion #26	• Approve liaison of the following comment responses to ISO/IEC JTC1/SC6 under the PSDO agreement:
	    • IEEE 802.1AE-2018
	        • http://ieee802.org/1/files/public/docs2019/maint-randall-SC6CommentResp1AE-0719-v03.pdf
	    • IEEE 802.1Xck-2018
	        • http://ieee802.org/1/files/public/docs2019/maint-randall-SC6CommentResponse1Xck-0719-v01.pdf

Moved	Rouyer
Second	Law
Results	Approved by voice vote without opposition
Motion	Passes
Reference	Agenda Item #7.108

* Motion #27	Motion to reconsider #7.072
Moved	Gilb
Second	Law
Results	5-2-7
Motion	Passes
Reference	Agenda Item #7.072

* Motion #28	• Approve submission of the following project(s) to ISO/IEC JTC1/SC6 for adoption under the PSDO agreement • P802.22 Revision • conditional on publication of approved standard
Moved	Mody
Second	Heile
Results	Approved by voice vote without opposition
Motion	Passes
Reference	Agenda Item #7.072