121st IEEE 802 LMSC PLENARY SESSION Mar 2019 – Vancouver, BC, Canada MINUTES (Unconfirmed) EXECUTIVE COMMITTEE OPENING MEETING, R0

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

Friday, Mar 15, 2019 - 1:00 p.m. PDT All times PDT

Hyatt Regency Vancouver Vancouver, BC, Canada

EC Voting members (or their representatives) present:

| Paul Nikolich – | Chair, IEEE 802 LAN/MAN Standards Committee |
|-------------------|---|
| James Gilb – | 1 st Vice Chair, IEEE 802 LAN/MAN Standards Committee |
| Roger Marks - | 2 nd 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 |
| John Messenger - | Acting Chair, IEEE 802.1 – HILI Working Group (arrived approximately 1:32pm |
| 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 |
| | Chair, Wireless Chairs Standing Committee |
| Jay Holcomb - | 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 Regional Area Networks Working Group |
| Tim Godfrey - | Chair, IEEE 802.24 - Vertical Applications TAG |

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:

Standing Committee Chairs (Non EC members) present:

| Andrew Myles | Chair, IEEE 802 / I | ISO / JTC1 / | SC6 Standing Committee | (arrived approximately 1:25pm) |
|--------------|---------------------|--------------|------------------------|--------------------------------|
| | | | | |

Other Attendees

| Last Name | First Name | Employer | Affiliations |
|--------------|-------------|-------------------------|---------------------------------------|
| Anbersdotter | Amelie | Article 19 | Article 19 |
| Anslow | Peter | Ciena | Ciena |
| Baggett | Tim | Microchip Technology | Microchip Technology |
| Beruto | Piergiogrio | Canova Tech | Canova Tech |
| Bims | Harry | Bims Laboratories | Bims Laboratories |
| Brandt | David | Rockwell Automation | Rockwell Automation |
| Chen | Evelyn | Ericsson | Ericsson |
| Haasz | Jodi | IEEE | IEEE |
| Hamilton | Mark | Ruckus / Arris | Ruckus Networks |
| Healey | Adam | Broadcom Inc | Broadcom Inc |
| Hiertz | Guido | Ericsson | Ericsson |
| Jones | Peter | Cisco Systems | Cisco Systems |
| Laubach | Mark | Broadcom Inc | Broadcom Inc |
| Lee | Hyeong Ho | Netvision Telecom | Netvision Telecom |
| Levy | Joseph | Interdigital Inc | Interdigital Inc |
| Max | Sebastian | Ericsson | Ericsson |
| MCCann | Stephen | Blackberry | Blackberry |
| Rolfe | Ben | Blind Creek Associates | Blind Creek Associates, MERL, UWBA |
| Sand | Stephen | German Aerospace Center | German Aerospace Center |
| Seo | Dillon | Voler Creative | Voler Creative |

| Standard | s Project Authorization |
|--|---|
| | Project No 825 |
| 1 August 25, 1979 Date of Mequest | Appendie 3/13/80 |
| 2 [X] New Standard | Fer Standards Committee Use Only |
| Sundard No | [] Withdrawall of |
| 3 Project Tale: Local network for Compu- | |
| | proposed standard will apply to Data Processing |
| of the proposed standard is to pr manufacture so that the bardware data communication is minimized o | and the second |
| 5. Sponsor Computer Standards | Computer Society |
| Technical Committee | Society |
| 5a Proposed ANSI Committee | ANSI Poett =: |
| 6. Proposed Coordination | Method of Coordination |
| IEC Committees will be undertaken will be mailed to ANSI x 3 Secret. 7. Name of Group that will Write the Standard | |
| | |
| Microprocessor Standards | Local Network |
| Ricroprocessor Standards Subcommittee | Local Network Working Group |
| | |
| Subcommittee 8: Estimated Final Builot Date | Working Group |
| Subcommitter | |
| Subcommetter 8 Estimated Final Sation Date: December: 1982 To Technical Committee | Warking Group March: 1983 To Standards Board |
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| Subcommeter 8 Estimated Final Sales Dave | Working Group March 1983 To Standards Board Conduct Lisson with Inservice Bodes: 5 58-188 77 (503) 664-0161 Ext. 6234 |
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March 2019 IEEE 802 LMSC 121th Plenary Session

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DCN ec-19-0027-02-EC

Agenda URL: https://mentor.ieee.org/802-ec/dcn/19/ec-19-0011-03-00EC-802-ec-mar-2019-closing-agenda.xlsx

| r3 | AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING IEEE 802 LMSC 121st Plenary Session | | | |
|------|--|----------|----|----------|
| | Friday 1:00PM-6:00PM 15 Nov 2018Mar 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.

IEEE 802 Mar 2019 Plenary ec-19-0013-00-00EC

| 2.00 | MI | APPROVE OR MODIFY AGENDA | Nikolich | 10 | 01:15 PM |
|------|-----|--------------------------|----------|----|----------|
| T | ~ ~ | | | | |

Time: 1:01

Discussion:

- Move LMSC OM from 4.021 to 4.022
- Modify 5.071 to II and change time to 2 min
- Stanley requested Item 4.05 be changed from MI to DT and time be reduced to 5 min

| * Motion #1 | Move to approve the modified agenda |
|-------------|-------------------------------------|
| Moved | D'Ambrosia |
| Second | Rosdahl |
| Results | 13-0-0 |
| Motion | Passes |
| Reference | Agenda Item #2.00 |

Updated Agenda URL: https://mentor.ieee.org/802-ec/dcn/19/ec-19-0011-04-00EC-802-ec-mar-2019-closing-agenda.xlsx

| r4 | | AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING IEEE 802 LMSC 121st Plenary Session | | | |
|-------|----|---|-------------|----|----------|
| | | Friday 1:00PM-6:00PM 15 Nov 2018Mar 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 |
| | | | | 1 | 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 | MI | Future Venues | Rosdahl | 15 | 01:30 PM |
| 4.02 | | Rules Changes | | | 01:45 PM |
| 4.021 | ME | External Rules - LMSC P&P | Gilb | 15 | 01:45 PM |
| 4.022 | MI | Internal Rules - WG P&P, LMSC OM | Gilb | 5 | 02:00 PM |
| 4.03 | II | 802 Coexistence Process Discussion in 802.19 WG. Reference: https://mentor.ieee.org/802.19/dcn/19/19-19-0017-00-0000-march- coexistence-discussion.pptx | Shellhammer | 5 | 02:05 PM |
| 4.04 | MI | 2020 Electronic Media | D'Ambrosia | 5 | 02:10 PM |

| 4.05 | DT | Motion: Authorize each WG Chair to spend \$600 per calendar year from the 802 treasury. M: Stanley S: Messenger | Stanley | 5 | 02:15 PM |
|-----------------|-----|--|----------------|----|---------------------|
| | | | | | 02:20 PM |
| 5.00 | | IEEE Standards Board and Sponsor Ballot Items | | | 02:20 PM |
| 5.01 | | IEEE 802.3 | | | 02:20 PM |
| 5.011 | ME* | To NesCom: IEEE P802.3cu 100 Gb/s and 400 Gb/s Operation over Single- Mode Fiber at 100 Gb/s per wavelength PAR. Motion: Approve forwarding IEEE P802.3cu PAR documentation in <https: 19="" 802-ec="" dcn="" ec-19-0006-01-00ec-ieee-p802-3cu-<br="" mentor.ieee.org="">draft-par.pdf> to NesCom. Approve CSD documentation in <https: 19="" 802-ec="" dcn="" ec-19-<br="" mentor.ieee.org="">0005-00-00EC-ieee-p802-3cu-draft-csd.pdf> M: Law S: D'Ambrosia</https:></https:> | Law | 0 | 02:20 PM |
| 5.012 | ME | To Sponsor Ballot (conditional): P802.3cg 10 Mb/s Single Pair Ethernet | Law | 15 | 02:20 PM |
| 5.013 | ME | To RevCom (conditional): P802.3.2 (IEEE 802.3cf) YANG Data Model Definitions | Law | 3 | 02:35 PM |
| 5.02 | | IEEE 802.11 | | | 02:38 PM |
| 5.021 | ME | To NesCom: IEEE P802.11be, EHT, PAR | Stanley | 3 | 02:38 PM |
| 5.03 | | IEEE 802.15 | | | 02:41 PM |
| 5.031 | ME | To RevCom , P802.15.4X-D2 | Heile | 3 | 02:41 PM |
| 5.04 | - | IEEE 802.18 | Holcomb | - | 02:44 PM |
| 5.05 | ME | IEEE 802.19 | Shellhammer | - | 02:44 PM |
| 5.06 | ME | IEEE 802.21 | Das | - | 02:44 PM |
| 5.07 | | IEEE 802.22 | | | 02:44 PM |
| 5.071 | II | To Sponsor Ballot (conditional): 802.22 Revision | Mody | 2 | 02:44 PM |
| 5.08 | | IEEE 802.1 | | | 02:46 PM |
| 5.081 | ME* | To NesCom: P802.1AE-2018/Cor 1 PAR - Media Access Control (MAC) Security - Corrigendum 1: Tag Control Information Figure | Messenger | 0 | 02:46 PM |
| 5.082 | ME* | To ICCOM: IEEE 802 Nendica ICAID | Messenger | 0 | 02:46 PM |
| 5.083 | ME* | To Sponsor Ballot: P802.1AX-Rev: Link Aggregation revision | Messenger | 0 | 02:46 PM |
| | | | | | 02:46 PM |
| 5.99 | | Break | | 15 | 02:46 PM |
| | | | | | 03:01 PM |
| 6.00 | | Executive Committee Study Groups, Working Groups, TAGs, Industry Connections | | | 03:01 PM |
| 6.01 | | IEEE 802.3 | | | 03:01 PM |
| 6.011 | MI* | IEEE 802.3 100 Gb/s per lane optical PHYs Study Group first rechartering Motion: Grant the first rechartering of the IEEE 802.3 100 Gb/s per lane optical PHYs Study Group M: Law S: D'Ambrosia | Law | 0 | 03:01 PM |
| 6.012 | MI | Formation Study Group - IEEE 802.3 Automotive Ethernet beyond 10 Gb/s Electrical PHYs Study Group formation | Law | 3 | 03:01 PM |

| 6.02 | ĺ | IEEE 802.11 | | | 03:04 PM |
|------------------|-----|---|-------------|----|---------------------|
| 6.021 | MI | 802.11 EHT (IEEE P802.11TGbd) Study Group, 2nd Rechartering | Stanley | 3 | 03:04 PM |
| 6.03 | - | IEEE 802.15 | Heile | - | 03:07 PM |
| 6.04 | | IEEE 802.18 | Holcomb | - | 03:07 PM |
| 6.05 | MI | IEEE 802.19 | Shellhammer | - | 03:07 PM |
| 6.06 | | IEEE 802.21 | | | 03:07 PM |
| 6.061 | MI | IEEE 802.21 Study Group 'Network Enablers for Seamless HMD-based VR (Virtual Reality) Content Service, 1st Rechartering | Das | 15 | 03:07 PM |
| 6.07 | - | IEEE 802.22 | Mody | - | 03:22 PM |
| 6.08 | - | IEEE 802.24 | Godfrey | - | 03:22 PM |
| 6.09 | | IEEE 802.1 | Messenger | | 03:22 PM |
| 6.091 | II | IEEE 802 Nendica Report | Marks | 5 | 03:22 PM |
| | | | | | 03:27 PM |
| 7.00 | | LMSC Liaisons and External Communications | | | 03:27 PM |
| 7.01 | | IEEE 802.1 | | | 03:27 PM |
| 7.011 | ME* | 802.1Qcp YANG Data Model press release | Messenger | 0 | 03:27 PM |
| 7.012 | ME* | Liaison response to ITU-T SG15 on LS176 | Messenger | 0 | 03:27 PM |
| 7.013 | - | Liaison to ITU-T JCA IMT2020 on IMT2020 Roadmap | Messenger | θ | 03:27 PM |
| 7.014 | ME* | PSDO Comment Responses on 802c-2017 | Messenger | 0 | 03:27 PM |
| 7.015 | II | Liaison to IEEE 1914 on Category A+ | Messenger | 0 | 03:27 PM |
| 7.016 | II | Liaison to CPRI Cooperation on Category A+ | Messenger | 0 | 03:27 PM |
| 7.017 | II | Liaison to IETF LSVR WG on Link State over Ethernet | Messenger | 0 | 03:27 PM |
| 7.018 | II | Liaison response to OPC Foundation | Messenger | 0 | 03:27 PM |
| 7.019 | ME | eBlast on P802.1DG Automotive Profile for TSN | Messenger | 3 | 03:27 PM |
| 7.0191 | ME | PSDO comment responses on 802.1Q-2018 | Messenger | 3 | 03:30 PM |
| 7.0192 | ME | P802.1AX-Rev to JTC1/SC6 for information under PSD0 | Messenger | 3 | 03:33 PM |
| 7.0193 | II | Liaison to IEEE 1722 on MAAP Liaise P802.1AS-Rev to ODVA SIG for Distributed Motion and Time Synchronization. Liaise P802.1AS-Rev to IEEE1588. | Messenger | 3 | 03:36 PM |
| 7.02 | | IEEE 802.3 | | | 03:39 PM |
| 7.021 | ME | Submission of IEEE Std 802.3bt-2018 and IEEE Std 802.3cd-2018 to ISO/IEC JTC1/SC6 for adoption under the PSDO agreement | Law | 3 | 03:39 PM |
| 7.03 | | IEEE 802.11 | | | 03:42 PM |

| 7.031 | ME | P802.11ax D4.0 and P802.11ay D3.0 to ISO/IEC JTC1/SC6 | Stanley | 3 | 03:42 PM |
|------------------|-----|---|----------------|----|---------------------|
| 7.032 | ME | 802.11ah comment responses to ISO/IEC JTC1/SC6 | Stanley | 3 | 03:45 PM |
| 7.033 | ME | 802.11ak comment responses to ISO/IEC JTC1/SC6 | Stanley | 3 | 03:48 PM |
| 7.034 | ME | 802.11aq comment responses to ISO/IEC JTC1/SC6 | Stanley | 3 | 03:51 PM |
| 7.035 | II | Liaison to 3GPP RAN | Stanley | 3 | 03:54 PM |
| 7.036 | II | Liaison to WFA | Stanley | 3 | 03:57 PM |
| 7.037 | II | Liaison to IEEE 1609 | Stanley | 3 | 04:00 PM |
| 7.04 | - | IEEE 802.15 | Heile | - | 04:03 PM |
| 7.05 | - | IEEE 802.18 | Holcomb | - | 04:03 PM |
| 7.06 | - | IEEE 802.19 | Shellhammer | - | 04:03 PM |
| 7.07 | - | IEEE 802.21 | Das | - | 04:03 PM |
| 7.08 | - | IEEE 802.22 | Mody | - | 04:03 PM |
| 7.09 | II | IEEE 802 - Global Public Policy Committee Feedback | Nikolich | 5 | 04:03 PM |
| 7.10 | - | IEEE 802.24 | Godfrey | - | 04:08 PM |
| | | | | | 04:08 PM |
| 8.00 | | Information Items | | | 04:08 PM |
| 8.01 | II | IEEE 802 / SA Task Force Report | Nikolich | 10 | 04:08 PM |
| 8.02 | II | IEEE SA Staff Reports | | | 04:18 PM |
| 8.03 | | Standing Committee Reports | | | 04:18 PM |
| 8.031 | ME | 802 / JTC1 SC Report | Myles | 5 | 04:18 PM |
| 8.032 | - | 802 / ITU SC Report | Parsons | θ | 04:23 PM |
| 8.033 | - | 802 / IETF SC Report | Stanley | 0 | 04:23 PM |
| 8.04 | | Officers Reports | | | 04:23 PM |
| 8.041 | II | 1st Vice Chair Report | Gilb | 5 | 04:23 PM |
| 8.042 | II | 2nd Vice Chair Report | Marks | 5 | 04:28 PM |
| 8.043 | II | Treasurer's Report | Zimmerman | 5 | 04:33 PM |
| 8.044 | II | Executive secretary report | Rosdahl | 0 | 04:38 PM |
| 8.045 | II | Recording Secretary Report | D'Ambrosia | 2 | 04:38 PM |
| 8.046 | II* | Appeals report -No items to report | D'Ambrosia | 0 | 04:40 PM |
| 8.05 | II | Network Services report | Linespeed | 5 | 04:40 PM |
| | | | | | |

| 8.07 | II | No Tutorials for Jul 2019 Plenary | Rosdahl | 1 | 04:48 PM |
|------|----|-----------------------------------|------------|---|-------------|
| 8.08 | DT | 802 Logo Concept | Nikolich | 5 | 04:49 PM |
| 8.99 | II | Action Item Review | D'Ambrosia | 5 | 04:54 PM |
| | | | | | 04:59 PM |
| 9.00 | | ADJOURN SEC MEETING | Nikolich | 0 | 06:00 PM |

| 3.00 II Announcements from the Chair Nikolich 5 01:25 |
|---|
|---|

Time 1:04pm

Chair asked who was attending the IEEE Standards Board Meeting next week. Those individuals planning to attend raised their hand, and the chair felt that there would be good representation of IEEE 802.

Chair acknowledged all of the efforts put forward on behalf of IEEE 802 by the IEEE 802 Executive Secretary, Jon Rosdahl. Rosdahl acknowledged personnel from Vancouver Hyatt for all of their efforts for this meeting. These individuals were given a round of applause. Rosdahl also acknowledged Face-to-Face for all their support.

| 4.00 | | LMSC Internal business | | | 01:30 PM |
|------|----|------------------------|---------|----|----------|
| 4.01 | MI | Future Venues | Rosdahl | 15 | 01:30 PM |

Time: 1:10pm

Gilb announced attendance book and Chair reminded individuals of the availability of IMAT to register their attendance.

Rosdahl presented slides #26 - 33 of attached presentation – ec-19-0032-03-00EC-executive-secretary-agendaitems-march-2019-plenary-vancouver.pdf

Straw polls:

| _ | Would you like to return to this venue? | Y: 10 | N: 4 |
|---|---|-------|------|
| _ | Did you enjoy the social? | Y: 14 | N:0 |
| _ | Attend the Social? | Y:11 | N:0 |

| * Motion #2 | Move to select the Hyatt Regency Vancouver as the location for the 802 Plenary in |
|-------------|---|
| | November 2021. |
| Moved | Rosdahl |
| Second | Stanley |
| Results | No objections to approval of motion |
| Motion | Passes |
| Reference | Agenda Item #4.01 |

Discussion: It was confirmed that there was availability for the meeting

| * Motion #3 | Move to select Hawaiian Village as the location for the 802 Plenary in Nov 2023 and Nov 2027. |
|-------------|---|
| Moved | Rosdahl |
| Second | Heile |
| Results | 9-2-2 |
| Motion | Passes |
| Reference | Agenda Item #4.01 |

Discussion: Rosdahl explained that passage of the motion would permit him to pursue the contracts. There were questions regarding the meeting details. Proposed budgets will be available for review at subsequent EC meetings (conference calls and in person).

Rosdahl noted and discussed Vienna venue size and time-of-day constraints. He will provide an update at the EC June Teleconference. It was noted that catering was expensive.

| 4.02 | | Rules Changes | | | 01:45 PM |
|-------|----|---------------------------|------|----|----------|
| 4.021 | ME | External Rules - LMSC P&P | Gilb | 15 | 01:45 PM |

Time: 1:45pm

Gilb presented slides 1 - 10 from attached presentation: ec-19-0050-01-00EC-march-2019-rules-motions.pdf.

Note: rules change motions require >2/3 majority to pass (>10 approves). Relevant LMSC P&P documents -

- Proposed: ec-18-0102-08-0PNP-proposed-Imsc-p-p-2018.doc (attached document)
- Comparison of proposal and current version: ec-18-0129-03-0PNP-802-p-p-update-comparison.docx (attached document)

| * Motion #4 | Approve document ec-18-0102-08 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 | Motion Passes |
| Reference | Agenda Item #4.021 |

NOTE: The immediate result of the motion does not bring into effect a change in the approved IEEE 802 LMSC P&P, but may cause the change if SASB approves the unmodified document.

| 4.022 | MI | Internal Rules - WG P&P, LMSC OM | Gilb | 5 | 02:00 PM |
|---------|-------|----------------------------------|------|---|----------|
| Time: 1 | :57pm | | | | |

Gllb presented Slides 11 - 17 from attached presentation: ec-19-0050-01-00EC-march-2019-rules-motions.pdf

Relevant LMSC OM documents

- Proposed: ec-19-0047-01-00EC-proposed-802-operations-manual-2019.pdf (attached document)
- With change tracking: ec-19-0049-01-00EC-proposed-802-operations-manual-2019with-changes.pdf (attached document)

Gilb decided not to pursue a motion on the LMSC OM at this time.

Action Gilb Hold conference calls to resolve LMSC OM changes. Item

| 4.03 | II | 802 Coexistence Process Discussion in 802.19 WG. Reference: | Shellhammer | 5 | 02:05 PM |
|------|----|---|-------------|---|----------|
| | | https://mentor.ieee.org/802.19/dcn/19/19-19-0017-00-0000-march- | | | |
| | | coexistence-discussion.pptx | | | |

Shellhammer presented attached presentation, 19-19-0017-00-0000-march-coexistence-discussion.pdf. There was discussion regarding the presentation. Concerns were raised regarding the text "Economic collaboration on Slide #5, that it should be replaced with "market relevance" to accurately reflect the discussion. The document will be revised to R.01.

| <mark>Action</mark> | <mark>Shellhammer</mark> | Revise 19-19-0017-00-0000-march-coexistence-discussion.pdf. |
|---------------------|--------------------------|---|
| <mark>ltem</mark> | | |

| 4.04 | MI | 2020 Electronic Media | D'Ambrosia | 5 | 02:10 PM |
|------|----|--|------------|---|----------|
| | | uses at a latter thank and a manufaction and 10,0045,00,0056, 2020, all at | | | |

D'Ambrosia presented attached presentation, ec-19-0045-00-00EC-2020-electronic-media.pdf

Strawpoll: Is LMSC ok with moving away from physical media? Results: Yes - 10

Strawpoll: Should we provide unique ID's for people to download rather than blanket User ID / Password? Results - 5

| 4.05 | DT | Motion: Authorize each WG Chair to spend \$600 per calendar year from the 802 | Stanley | 5 | 02:15 PM |
|------|----|---|---------|---|----------|
| | | treasury. | | | |
| | | M: Stanley S: Messenger | | | |

Stanley reviewed LMSC Operations Manual, Section 15.1, Item D \$200.

| Action Item | <mark>Stanley</mark> | Prepare rules changes governing WG Chain | <mark>r expendi</mark> | iture authorizat | <mark>tions.</mark> | |
|----------------|----------------------|--|------------------------|------------------|---------------------|----------|
| 5.00 | IEEE Stand | ards Poard and Sponsor Pallot Itoms | | | | 02.20 DM |

| 5.00 | IEEE Standards Board and Sponsor Ballot Items | | 02:20 PM |
|------|---|--|----------|
| 5.01 | IEEE 802.3 | | 02:20 PM |

| 5.011 | ME* | To NesCom: IEEE P802.3cu 100 Gb/s and 400 Gb/s Operation over Single- | Law | 0 | 02:20 PM |
|-------|-----|--|-----|---|----------|
| | | Mode Fiber at 100 Gb/s per wavelength PAR. | | | |
| | | Motion: Approve forwarding IEEE P802.3cu PAR documentation in | | | |
| | | <https: 19="" 802-ec="" dcn="" ec-19-0006-01-00ec-ieee-p802-3cu-<="" mentor.ieee.org="" td=""><td></td><td></td><td></td></https:> | | | |
| | | draft-par.pdf> to NesCom. | | | |
| | | Approve CSD documentation in https://mentor.ieee.org/802-ec/dcn/19/ec-19- | | | |
| | | 0005-00-00EC-ieee-p802-3cu-draft-csd.pdf> | | | |
| | | M: Law S: D'Ambrosia | | | |
| | | | | | |

See slides #2-4 of attached presentation, ec-19-0019-02-00EC-ieee-802-3-ethernet-working-group-consentagenda-items-friday-15th-march-2019.pdf.

Approved with approval of agenda.

| | 5.012 | ME | To Sponsor Ballot (conditional): P802.3cg 10 Mb/s Single Pair Ethernet | Law | 15 | 02:20 PM |
|--|-------|----|--|-----|----|----------|
|--|-------|----|--|-----|----|----------|

Time: approximately 2:34pm

It was noted that Agenda Item 5.012 should be unconditional. Law presented slides 2-8 from attached presentation, ec-19-0018-01-00EC-ieee-802-3-ethernet-working-group-agenda-items-friday-15th-march-2019.pdf.

| * Motion #5 | Approve sending IEEE P802.3cg 10 Mb/s Single Pair Ethernet to Standards Association ballot. Approve CSD documentation in <https: 18="" 802-ec="" dcn="" ec-18-0079-00-acsd-<br="" mentor.ieee.org="">802-3cg.pdf></https:> |
|-------------|--|
| Moved | Law |
| Second | D'Ambrosia |
| Results | 10-1-1 |
| Motion | Passes |
| Reference | Agenda Item #5.012 |

Discussion: There was discussion regarding the motion. Thompson objected to approval of the motion and noted that a file summarizing the reasons for his objection has been uploaded to Mentor. Thompson noted that there was no conflict with the processing of the comments by the ballot review group.

David Law reviewed 6 TR comments submitted by one individual against D2.4.

- Comment #1 withdrawn
- Comment #2 does not apply to substantial changes out of scope
- Comment #3 does not apply to substantial changes out of scope
- Comment #4 In relation to CSD restatement of existing comment and had been previously recirculated
- Comment #5 does not apply to substantial changes out of scope
- Comment #6. restatement of existing comment, and did not apply to substantial changes out of scope

It was noted that the individual who submitted the comments was present at the time of their review by the comment review group and was aware of the group's consideration.

| 5.99 | | Break | | 15 | 02:46 PM |
|---------|-----------------------|-------|--|----|----------|
| Meeting | Meeting break: 3:00pm | | | | |

Meeting reconvened at 3:14pm

| 5.013 | ME | To RevCom (conditional): P802.3.2 (IEEE 802.3cf) YANG Data Model Definitions | Law | 3 | 02:35 PM | | |
|---|----|--|-----|---|----------|--|--|
| It was noted that 5.013 should be unconditional. Law presented slides 9 - 12 of attached presentation, ec-19- | | | | | | | |
| 0018-01-00EC-ieee-802-3-ethernet-working-group-agenda-items-friday-15th-march-2019.pdf. | | | | | | | |

| * Motion #6 | Approve sending IEEE P802.3.2 (IEEE 802.3cf) YANG Data Model Definitions to RevCom. Approve CSD documentation in http://www.ieee802.org/3/cf/ec-16-0142-00-ACSD-802-3cf.pdf >. |
|-------------|---|
| | CSD documentation in <nttp: ci="" ec-16-0142-00-acsd-802-sci.pu="" s="" www.ieee802.0ig=""></nttp:> . |
| Moved | Law |
| Second | D'Ambrosia |
| Results | APproved by voice vote with no objections |
| Motion | passes |
| Reference | Agenda Item #5.013 |

| 5.02 | | IEEE 802.11 | | | 02:38 PM |
|-------|----|-------------------------------------|---------|---|----------|
| 5.021 | ME | To NesCom: IEEE P802.11be, EHT, PAR | Stanley | 3 | 02:38 PM |

Time: 3:20pm

Stanley presented Slide 27 of attached presentation, 11-19-0256-07-0000-march-2019-wg-motions.pdf Noted project should be IEEE P802.11TGbe

| * Motion #7 | Approve forwarding P802.11be PAR documentation in https://mentor.ieee.org/802.11/dcn/18/11- |
|-------------|---|
| | 18-1231-06-0eht-eht-draft-proposed-par.docxto NesCom |
| | Approve CSD modification documentation in https://mentor.ieee.org/802.11/dcn/18/11-18-1233- |
| | 06-0eht-eht-draft-proposed-csd.docx with the following modification: |
| | Change the initial phrase in 1.2.4 from "IEEE Std. 802.11 is a mature technology which has a wide variety of legacy devices" to "IEEE Std. 802.11 technology is very mature and has a wide variety of |
| | legacy devices" |
| Moved | Stanley |
| Second | Rosdahl |
| Results | 9-2-3 |
| Motion | Passes |
| Reference | Agenda Item #5.021 |

| 5.03 | | IEEE 802.15 | | | 02:41 PM |
|-------|----|---------------------------|-------|---|----------|
| 5.031 | ME | To RevCom , P802.15.4X-D2 | Heile | 3 | 02:41 PM |

Time: 3:29pm

Heile presented attached presentation, 15-19-0144-01-0000_802.15 EC Motion Package-March-2019.pdf.

| * Motion #8 | Approve sending P802 15 4x-D2 to RevCom. |
|-------------|--|
| | Approve CSD documentation in https://mentor.ieee.org/802-ec/dcn/18/ec-18-0083-00-ACSD-802- |
| | 15-4x.docx |
| Moved | Heile |
| Second | Gilb |
| Results | Approved by voice without objection |
| Motion | Passes |
| Reference | Agenda Item #5.031 |

| 5.04 | - | IEEE 802.18 | Holcomb | - | 02:44 PM |
|-----------------|----|--|----------------|---|---------------------|
| 5.05 | ME | IEEE 802.19 | Shellhammer | - | 02:44 PM |
| 5.06 | ME | IEEE 802.21 | Das | - | 02:44 PM |
| 5.07 | | IEEE 802.22 | | | 02:44 PM |
| 5.071 | II | To Sponsor Ballot (conditional): 802.22 Revision | Mody | 2 | 02:44 PM |

Mody noted the requirements to obtain conditional Sponsor Ballot due to process errors were discovered, and that he would be bringing the item back to the LMSC for consideration in July as unconditional. During discussion, it was noted that more details regarding the Sponsor Ballot should be provided.

| <mark>Action</mark> | <mark>Mody /</mark> | Provide adequate information on Mentor to obtain conditional Sponsor |
|---------------------|---------------------|--|
| <mark>ltem</mark> | <mark>Marks</mark> | Ballot approval for 802.22. |

| 5.08 | | IEEE 802.1 | | | 02:46 PM |
|-------|-----|---|-----------|---|----------|
| 5.081 | ME* | To NesCom: P802.1AE-2018/Cor 1 PAR - Media Access Control (MAC) Security - Corrigendum 1: Tag Control Information Figure | Messenger | 0 | 02:46 PM |

See Slide #5 of attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-Imsc-closing.pdf. Approved with approval of agenda.

 5.082
 ME*
 To ICCOM: IEEE 802 Nendica ICAID
 Messenger
 0
 02:46 PM

 See Slides #6-7 of attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-Imsc-closing.pdf.
 Approved with approval of agenda.

| 5.083 | ME* | To Sponsor Ballot: P802.1AX-Rev: Link Aggregation revision | Messenger | 0 | 02:46 PM |
|-------|-----|--|-----------|---|----------|
| | | | | | |

See Slide #9 of attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-lmsc-closing.pdf. Approved with approval of agenda.

| 6.00 | | Executive Committee Study Groups, Working Groups, TAGs, Industry Connections | | | 03:01 PM |
|-------|-----|--|-----|---|----------|
| 6.01 | | IEEE 802.3 | | | 03:01 PM |
| 6.011 | MI* | IEEE 802.3 100 Gb/s per lane optical PHYs Study Group first rechartering Motion: Grant the first rechartering of the IEEE 802.3 100 Gb/s per lane optical PHYs Study Group M: Law S: D'Ambrosia | Law | 0 | 03:01 PM |

See slide #6 of attached presentation, ec-19-0019-02-00EC-ieee-802-3-ethernet-working-group-consent-agendaitems-friday-15th-march-2019.pdf.

| ſ | 6.012 | MI | Formation Study Group - IEEE 802.3 Automotive Ethernet beyond 10 Gb/s | Law | 3 | 03:01 PM |
|---|-------|----|---|-----|---|----------|
| | | | Electrical PHYs Study Group formation | | | |
| | | | | | | |

Law presented slides 13 - 14 of attached presentation, ec-19-0018-01-00EC-ieee-802-3-ethernet-working-groupagenda-items-friday-15th-march-2019.pdf.

| * Motion #9 | Approve the formation of IEEE 802.3 Automotive Ethernet beyond 10 Gb/s Electrical PHYs study group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for Automotive Ethernet beyond 10 Gb/s Electrical PHYs. |
|-------------|--|
| Moved | Law |
| Second | D'Ambrosia |
| Results | Approved by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #6.012 |

| 6.02 | | IEEE 802.11 | | | 03:04 PM |
|-------|----|---|---------|---|----------|
| 6.021 | MI | 802.11 EHT (IEEE P802.11TGbd) Study Group, 2nd Rechartering | Stanley | 3 | 03:04 PM |

Stanley presented Slide 28 of attached presentation, 11-19-0256-07-0000-march-2019-wg-motions.pdf Noted project should be IEEE P802.11TGbe

| * Motion #10 | Grant the second Study Group recharter of the 802.11 Extremely High Throughput (EHT) Study |
|--------------|--|
| | Group. |
| Moved | Stanley |
| Second | Rosdahl |
| Results | Approved by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #6.021 |

| 6.03 | - | IEEE 802.15 | Heile | - | 03:07 PM |
|-----------------|----|--|-------------|----|---------------------|
| 6.04 | | IEEE 802.18 | Holcomb | - | 03:07 PM |
| 6.05 | MI | IEEE 802.19 | Shellhammer | - | 03:07 PM |
| 6.06 | | IEEE 802.21 | | | 03:07 PM |
| 6.061 | MI | IEEE 802.21 Study Group 'Network Enablers for Seamless HMD-based VR (Virtual Reality) Content Service, 1st Rechartering | Das | 15 | 03:07 PM |

Das presented attached presentation, 21-19-0029-00-0000-sg-ist-rechartering-motion.pdf Discussion regarding the proper organizational placement of a project within the IEEE that may result from the Study Group since it is out of scope for the 802.21 WG – possibly 802.1 WG, and 802 EC Study Group, an Industry Connections Activity such as NENDICA, a separate Industry Connections Activity, or within some other suitable IEEE Society or Council.

| * Motion #11 | Grant the first re-chartering of the IEEE 802.21 study group on Network Enablers for Seamless HMD-based VR (Virtual Reality) Content Service |
|--------------|--|
| Moved | Das |
| Second | Shellhammer |
| Results | approved by voice vote without objections |
| Motion | Passes |
| Reference | Agenda Item #6.061 |

| 6.07 | - | IEEE 802.22 | Mody | - | 03:22 PM |
|-----------------|----|-------------------------|-----------|---|---------------------|
| 6.08 | - | IEEE 802.24 | Godfrey | - | 03:22 PM |
| 6.09 | | IEEE 802.1 | Messenger | | 03:22 PM |
| 6.091 | II | IEEE 802 Nendica Report | Marks | 5 | 03:22 PM |

Time: 3:54

Marks presented attached file, 1-19-0023-01.pdf

| 7.00 | | LMSC Liaisons and External Communications | | | 03:27 PM |
|-------|-----|---|-----------|---|----------|
| 7.01 | | IEEE 802.1 | | | 03:27 PM |
| 7.011 | ME* | 802.1Qcp YANG Data Model press release | Messenger | 0 | 03:27 PM |

See Slide #14 of attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-Imsc-closing.pdf. Approved with approval of agenda.

| 7.012 ME* Liaison response to ITU-T SG15 on LS176 Messenger 0 03:1 |
|--|
|--|

See Slide #15 of attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-Imsc-closing.pdf. Approved with approval of agenda.

| 7.013 | - | Liaison to ITU-T JCA IMT2020 on IMT2020 Roadmap | Messenger | θ | 03:27 PM |
|------------------|-----|---|-----------|---|----------|
| 7.014 | ME* | PSDO Comment Responses on 802c-2017 | Messenger | 0 | 03:27 PM |

See Slide #17 of attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-Imsc-closing.pdf. Approved with approval of agenda.

| 7.015 | II | Liaison to IEEE 1914 on Category A+ | | Messeng | ger | 0 | 03:27 PM |
|---|----|---|---------|---------|-----|-------|----------|
| See Slide #18 of attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-Imsc-closing.pdf. | | | | | | | |
| 7.016 | II | Liaison to CPRI Cooperation on Category A+ | Messeng | er | 0 | 03:27 | РМ |
| See Slide #19 of attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-Imsc-closing.pdf. | | | | | | | |
| 7.017 | II | Liaison to IETF LSVR WG on Link State over Ethernet | | Messeng | ger | 0 | 03:27 PM |
| See Slide #20 of attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-Imsc-closing.pdf. | | | | | | | |
| 7.018 | II | Liaison response to OPC Foundation | | Messeng | ger | 0 | 03:27 PM |
| See Slide #21 of attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-Imsc-closing.pdf. | | | | | | | |

| 7.019 | ME | eBlast on P802.1DG Automotive Profile for TSN | Messenger | 3 | 03:27 PM |
|-------|----|---|-----------|---|----------|
| | | | | | |

Time: 4:03pm

Messenger presented slide#4 of attached presentation, ec-19-0048-01-00EC-802-1-regular-agenda-items-Imscclosing-plenary.pdf.

| * Motion #12 | Approve the eblast on the P802.1DG project in http://www.ieee802.org/1/files/public/docs2019/dg-draft-cfp-0319-v01.pdf, to be released with editorial changes as deemed necessary |
|--------------|---|
| Moved | Messenger |
| Second | Law |
| Results | Approved by voice vote without opposition |
| Motion | passes |
| Reference | Agenda Item #7.019 |

| 7.0191 | ME | PSDO comment responses on 802.1Q-2018 | Messenger | 3 | 03:30 PM |
|--------|----|---------------------------------------|-----------|---|----------|
| | | | | | |

Messenger presented slide# 5 of attached presentation, ec-19-0048-01-00EC-802-1-regular-agenda-items-Imscclosing-plenary.pdf.

| * Motion #13 | Approve liaison of the following comment responses to ISO/IEC JTC1/SC6 under the PSDO agreement: |
|--|--|
| | CN.1 on IEEE 802.1Q-2018 (revision to ISO/IEC/IEEE 8802-1Q:2016) |
| <u>http://www.ieee802.org/1/files/public/docs2019/maint-randall-</u> | |
| | SC6Ballotresponse1Q2018-0319-v01.pdf |
| Moved | Messenger |
| Second | Law |
| Results | approved by voice vote without objections |
| Motion | passes |
| Reference | Agenda Item #7.0191 |

| 7.0192 | ME | P802.1AX-Rev to JTC1/SC6 for information under PSD0 | Messenger | 3 | 03:33 PM | |
|--------|----|---|-----------|---|----------|--|
|--------|----|---|-----------|---|----------|--|

4:07pm

Messenger presented Slide #6 of attached presentation, ec-19-0048-01-00EC-802-1-regular-agenda-items-Imscclosing-plenary.pdf.

| * Motion #14 | Approve liaison of the following draft(s) to ISO/IEC JTC1/SC6 for information under the PSDO agreement: |
|--------------|---|
| | • P802.1AX-Rev D2.0 |
| Moved | Messenger |
| Second | Law |
| Results | approved by voice vote without objections |
| Motion | passes |
| Reference | Agenda Item #7.0192 |

| 7.0193 | II | Liaison to IEEE 1722 on MAAP | Messenger | 3 | 03:36 PM |
|--------|----|---|-----------|---|----------|
| | | Liaise P802.1AS-Rev to ODVA SIG for Distributed Motion and Time | | | |
| | | Synchronization. | | | |
| | | Liaise P802.1AS-Rev to IEEE1588. | | | |
| | | | | | |

Messenger presented Slides #7 - 10 of attached presentation, ec-19-0048-01-00EC-802-1-regular-agenda-items-Imsc-closing-plenary.pdf.

| 7.02 | | IEEE 802.3 | | | 03:39 PM |
|-------|----|---|-----|---|----------|
| 7.021 | ME | Submission of IEEE Std 802.3bt-2018 and IEEE Std 802.3cd-2018 to ISO/IEC JTC1/SC6 for adoption under the PSDO agreement | Law | 3 | 03:39 PM |

Time: 4:12pm

Law presented Slides 15 - 16 of of attached presentation, ec-19-0018-01-00EC-ieee-802-3-ethernet-workinggroup-agenda-items-friday-15th-march-2019.pdf.

| * Motion #15 | Approve submission of IEEE 802.3bt-2018 IEEE Standard for Ethernet Amendment 2: Physical Layer and Management Parameters for Power over Ethernet over 4 pairs and IEEE 802.3cd-2018 IEEE Standard for Ethernet -Amendment 3: Media Access Control Parameters for 50 Gb/s and Physical Layers and Management Parameters for 50 Gb/s, 100 Gb/s, and 200 Gb/s Operation for adoption under the PSDO agreement |
|--------------|--|
| Moved | Law |
| Second | D'Ambrosia |
| Results | Approved by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #7.021 |

| 7.03 | | IEEE 802.11 | | | 03:42 PM |
|-------|----|---|---------|---|----------|
| 7.031 | ME | P802.11ax D4.0 and P802.11ay D3.0 to ISO/IEC JTC1/SC6 | Stanley | 3 | 03:42 PM |

Time: 4:14pm

Stanley presented Slide #29 of attached presentation, 11-19-0256-07-0000-march-2019-wg-motions.pdf

| * Motion #16 | Approve forwarding of P802.11ax D4.0 and P802.11ay D3.0 to ISO/IEC JTC1/SC6 for information under the PSDO agreement |
|--------------|--|
| Moved | Stanley |
| Second | Rosdahl |
| Results | Motion passes by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item # 7.031 |

|--|

Time 4:16pm

Stanley presented Slide #30 of attached presentation, 11-19-0256-07-0000-march-2019-wg-motions.pdf

| * Motion #17 | Approve forwarding the comment responses in \ |
|--------------|---|
| | https://mentor.ieee.org/802.11/dcn/19/11-19-0266-03-0jtc-resolution-of-comments-received- |
| | from-china-nb-during-fdis-ballot-on-ieee-802-11ah.docx |
| | to ISO/IEC JTC1/SC6. |
| Moved | Stanley |
| Second | Rosdahl |
| Results | Motion passes by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #7.032 |

| 7.033 | ME | 802.11ak comment responses to ISO/IEC JTC1/SC6 | Stanley | 3 | 03:48 PM |
|-------|----|--|---------|---|----------|
| | | | | | |

Stanley presented Slide #31 of attached presentation, 11-19-0256-07-0000-march-2019-wg-motions.pdf

| * Motion #18 | Approve forwarding the comment responses in <u>https://mentor.ieee.org/802.11/dcn/19/11-19-</u> 0278-02-0jtc-resolution-of-comments-received-from-china-nb-during-fdis-ballot-on-ieee-802- |
|--------------|--|
| | 11ak.docx |
| | to ISO/IEC JTC1/SC6. |
| Moved | Stanley |
| Second | Rosdahl |
| Results | Motion passes by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #7.033 |

| 7.034 | ME | 802.11aq comment responses to ISO/IEC JTC1/SC6 | Stanley | 3 | 03:51 PM |
|-------|----|--|---------|---|----------|
|-------|----|--|---------|---|----------|

Stanley presented Slide #32 of attached presentation, 11-19-0256-07-0000-march-2019-wg-motions.pdf

| * Motion #19 | Approve forwarding the comment responses in <u>https://mentor.ieee.org/802.11/dcn/19/11-19-0279-01-0jtc-resolution-of-comments-received-</u> <u>from-china-nb-during-fdis-ballot-on-ieee-802-11aq.docx</u> to ISO/IEC JTC1/SC6. |
|--------------|--|
| Moved | Stanley |
| | |
| Second | Rosdahl |
| Results | Motion passes by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #7.034 |

| 7.035 | II | Liaison to 3GPP RAN | Stanley | 3 | 03:54 PM | |
|--|----|---------------------|---------|---|----------|--|
| Stanley presented Slide #33 of attached presentation, 11-19-0256-07-0000-march-2019-wg-motions.pdf | | | | | | |

| - | | | | | | |
|---|-------|----|----------------|---------|---|----------|
| | 7.036 | II | Liaison to WFA | Stanley | 3 | 03:57 PM |
| | | | | | | 1 |

Stanley presented Slide #34 of attached presentation, 11-19-0256-07-0000-march-2019-wg-motions.pdf

| 7.037 | II | Liaison to IEEE 1609 | Stanley | 3 | 04:00 PM |
|-------|----|----------------------|---------|---|----------|
| | | | | | |

Stanley presented Slide #35 of attached presentation, 11-19-0256-07-0000-march-2019-wg-motions.pdf

| 7.04 | - | IEEE 802.15 | Heile | - | 04:03 PM |
|-----------------|----|--|----------------|---|---------------------|
| 7.05 | - | IEEE 802.18 | Holcomb | - | 04:03 PM |
| 7.06 | - | IEEE 802.19 | Shellhammer | - | 04:03 PM |
| 7.07 | - | IEEE 802.21 | Das | - | 04:03 PM |
| 7.08 | - | IEEE 802.22 | Mody | - | 04:03 PM |
| 7.09 | II | IEEE 802 - Global Public Policy Committee Feedback | Nikolich | 5 | 04:03 PM |

Time: 4:21pm

Nikolich gave verbal summary of communication with Gordon Day, who heads IEEE Global Public Policy Committee. Challenge is that documents arrive with little or no advanced notice, which is common.

| <mark>Action</mark> | <mark>Nikolich /</mark> | Work offline to send informal request to | DEPPC requesting access to |
|---------------------|-------------------------|--|----------------------------|
| <mark>ltem</mark> | <mark>Law</mark> | developing positions. | |

| 7.10 | - | IEEE 802.24 | Godfrey | - | 04:08 PM |
|------|----|---------------------------------|----------|----|---------------------|
| 8.00 | | Information Items | | | 04:08 PM |
| 8.01 | II | IEEE 802 / SA Task Force Report | Nikolich | 10 | 04:08 PM |

Time: 4:26pm

Nikolich presented ec-19-0044-00-00EC

| Action Item | Nikolich | Provide details for meeting for announcement for 802 Task Force Meetings. |
|-------------|------------|---|
| Action Item | D'Ambrosia | Set up webpage announcing 802 Task Force Meetings |

First call is May 28th 2019, 11am- noon ET.

Rosdahl gave summary of myProject update from Audcom Feb 2019 Telecom Minutes

| 8.02 | II | IEEE SA Staff Reports | | | 04:18 PM | | |
|---------|------------|-----------------------|--|--|----------|--|--|
| No rope | No reports | | | | | | |

No reports.

| 8.03 | | Standing Committee Reports | | | 04:18 PM |
|-------|----|----------------------------|-------|---|----------|
| 8.031 | ME | 802 / JTC1 SC Report | Myles | 5 | 04:18 PM |

Time: 4:38pm

Myles presented attached presentation, 11-19-0525-00-0jtc-closing-report-vancouver-mar-2019.pdf

| * Motion #20 | Authorize the Chair & Vice Chair of IEEE 802 JTC1 SC to develop a status report on behalf of IEEE 802, based on the status pages in 11-19-0233, for consideration by ISO/IEC JTC1/SC6 at their meeting in April 2019 |
|--------------|--|
| Moved | Rosdahl |
| Second | D'Ambrosia |
| Results | |
| Motion | |
| Reference | Agenda Item #8.031 |

| | Motion to Amend Motion #23 Modify Motion #23 text to - |
|--------------|--|
| * Motion #21 | Move to modify Authorize the Chair & Vice Chair of IEEE 802 JTC1 SC to develop a status report, in conformance with Subclause 7.1.1 of the Operations Manual, on behalf of IEEE 802, based on the status pages in 11-19-0233, for consideration by ISO/IEC JTC1/SC6 at their meeting in April 2019 |
| Moved | Marks |
| Second | Mody |
| Results | Approved by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #8.031 |

| * Motion #20 | Authorize the Chair & Vice Chair of IEEE 802 JTC1 SC to develop a status report, in conformance |
|--------------|--|
| Amended | with Subclause 7.1.1 of the Operations Manual, on behalf of IEEE 802, based on the status pages in |
| | 11-19-0233, for consideration by ISO/IEC JTC1/SC6 at their meeting in April 2019 |
| Moved | Rosdahl |
| Second | D'Ambrosia |
| Results | Approved by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #8.031 |

| 8.032 | - | 802 / ITU SC Report | Parsons | 0 | 04:23 PM |
|------------------|----|-----------------------|--------------------|---|---------------------|
| 8.033 | - | 802 / IETF SC Report | Stanley | 0 | 04:23 PM |
| 8.04 | | Officers Reports | | | 04:23 PM |
| 8.041 | II | 1st Vice Chair Report | Gilb | 5 | 04:23 PM |

Nothing to report.

| 8.042 II | 2nd Vice Chair Report | Marks | 5 | 04:28 PM |
|----------|-----------------------|-------|---|----------|
|----------|-----------------------|-------|---|----------|

Marks presented attached presentation, ec-19-0053-00-00EC.pdf

D'Ambrosia stepped out for a minute, and so the more qualified, but out of practice and shape, former Recording Secretary took over recording.

D'Ambrosia returned and resumed recording secretarial responsibilities.

Action Item Marks Provide recommendation regarding consistent Working Group Names at July 2019 Plenary.

| 8.043 II | | Zimmerman | 5 | 04:33 PM |
|----------|--|-----------|---|----------|
|----------|--|-----------|---|----------|

Zimmerman presented attached presentation, ec-19-0054-00-00EC-mar-2019-closing-treasurers-report.pdf. In the future, there will be a mini-treasurers report at the opening EC meeting to be followed with a

comprehensive report at the closing EC meeting.

8.043 Zimmerman Send email to individual WG Chairs to forward to reflectors looking for pictures of Nov 2018 (Rosdahl text)

| 8.044 II Executive secretary report | Rosdahl | 0 | 04:38 PM |
|-------------------------------------|---------|---|----------|
|-------------------------------------|---------|---|----------|

Nothing to report.

| 8045 | II | Recording Secretary Report | D'Ambrosia | 2 | 04:38 PM | |
|------|----|----------------------------|------------|---|----------|--|
|------|----|----------------------------|------------|---|----------|--|

D'Ambrosia noted he would be setting up areas in Mentor for incoming and outcoming liaisons, and will provide update at June Teleconference.

| 8.046 | II* | Appeals report -No items to report | D'Ambrosia | 0 | 04:40 PM |
|--------|-------------|------------------------------------|------------|---|----------|
| No app | No appeals. | | | | |

| 8.05 | II | Network Services report | Linespeed | 5 | 04:40 PM | |
|------|----|-------------------------|-----------|---|----------|--|
|------|----|-------------------------|-----------|---|----------|--|

Rick Alfvin gave a verbal summary of attached presentation, ec-19-0056-00-00EC-network-report-march-2019plenary-vancouver.pdf.

| 8.06 | II | Announcement of 802 EC Interim Telecon (Tuesday 4 Jun 2019, 1-3pm ET) | Rosdahl | 3 | 04:45 PM | | |
|------|----|---|---------|---|----------|--|--|
| | | | | | | | |

Rosdahl presented Slide 35 of attached presentation - ec-19-0032-03-00EC-executive-secretary-agenda-itemsmarch-2019.pdf

The following agenda items were requested to be added to the June EC Teleconference:

- Das requested to add extension 802.21 ARVR Study Group
- Law requested to add agenda item "Rechartering versus Extension" 15 min
- Gilb noted to Rosdahl he would be mailing an additional agenda item.

| 8.07 | II | No Tutorials for Jul 2019 Plenary | Rosdahl | 1 | 04:48 PM | | |
|---------|--|-----------------------------------|---------|---|----------|--|--|
| Rosdah | Rosdahl presented Slide 36 of attached presentation - ec-19-0032-03-00EC-executive-secretary-agenda-items- | | | | | | |
| march-2 | 2019.p | <mark>odf.</mark> | | | | | |

| 8.08 | DT | 802 Logo Concept | Nikolich | 5 | 04:49 PM |
|------|----|------------------|----------|---|----------|

Nikolich presented concept below for 802 logo.



| 8.99 II Action Item Review D'Ambrosia 5 04:5 | 8.99 |
|--|------|
|--|------|

Chair and D'Ambrosia will work offline to finalize the action items.

| 9.00 | ADJOURN SEC MEETING | Nikolich | 0 | 06:00 |
|------|---------------------|----------|---|-------|
| | | | | PM |

Meeting adjourned at 5:29pm.

Note – Recording secretary commented quietly on the speed and efficiency with which the meeting was managed.

Action Items

| 4.022 | Gilb | Hold conference calls to resolve LMSC OM changes. |
|-------|-------------------|---|
| 4.03 | Shellhammer | Revise 19-19-0017-00-0000-march-coexistence- discussion.pdf. |
| 4.05 | Stanley | Prepare rules changes governing WG Chair expenditure authorizations. |
| 5.071 | Mody / Marks | Provide adequate information on Mentor to obtain conditional Sponsor Ballot approval for 802.22. |
| 7.09 | Nikolich / Law | Work offline to send informal request to EPPC requesting access to developing positions. |
| 8.01 | Nikolich | Provide details for meeting for announcement for 802 Task Force Meetings. |
| 8.01 | D'Ambrosia | Set up webpage announcing 802 Task Force Meetings |
| 8.042 | Marks | Provide recommendation regarding consistent Working Group Names at July 2019 Plenary. |
| 8.043 | Zimmerman | Send email to individual WG Chairs to forward to reflectors looking for pictures of Nov 2018 (Rosdahl text) |

Motions

Consent Agenda

| 5.011 | ME* | To NesCom: IEEE P802.3cu 100 Gb/s and 400 Gb/s Operation over Single- Mode Fiber at 100 Gb/s per wavelength PAR. Motion: Approve forwarding IEEE P802.3cu PAR documentation in <https: 19="" 802-ec="" dcn="" ec-19-0006-01-00ec-ieee-p802-3cu-<br="" mentor.ieee.org="">draft-par.pdf> to NesCom. Approve CSD documentation in <https: 19="" 802-ec="" dcn="" ec-19-<br="" mentor.ieee.org="">0005-00-00EC-ieee-p802-3cu-draft-csd.pdf> M: Law S: D'Ambrosia</https:></https:> | Law | 0 | 02:20 PM |
|-------|-----|--|-----------|---|----------|
| 5.081 | ME* | To NesCom: P802.1AE-2018/Cor 1 PAR - Media Access Control (MAC) Security - Corrigendum 1: Tag Control Information Figure | Messenger | 0 | 02:46 PM |
| 5.082 | ME* | To ICCOM: IEEE 802 Nendica ICAID | Messenger | 0 | 02:46 PM |
| 5.083 | ME* | To Sponsor Ballot: P802.1AX-Rev: Link Aggregation revision | Messenger | 0 | 02:46 PM |
| 6.011 | MI* | IEEE 802.3 100 Gb/s per lane optical PHYs Study Group first rechartering Motion: Grant the first rechartering of the IEEE 802.3 100 Gb/s per lane optical PHYs Study Group M: Law S: D'Ambrosia | Law | 0 | 03:01 PM |
| 7.011 | ME* | 802.1Qcp YANG Data Model press release | Messenger | 0 | 03:27 PM |
| 7.012 | ME* | Liaison response to ITU-T SG15 on LS176 | Messenger | 0 | 03:27 PM |
| 7.014 | ME* | PSDO Comment Responses on 802c-2017 | Messenger | 0 | 03:27 PM |

| * Motion #1 | Move to approve the modified agenda |
|-------------|-------------------------------------|
| Moved | D'Ambrosia |
| Second | Rosdahl |
| Results | 13-0-0 |
| Motion | Passes |
| Reference | Agenda Item #2.00 |

| * Motion #2 | Move to select the Hyatt Regency Vancouver as the location for the 802 Plenary in November 2021. |
|-------------|--|
| Moved | Rosdahl |
| Second | Stanley |
| Results | No objections to approval of motion |
| Motion | Passes |
| Reference | Agenda Item #4.01 |

| * Motion #3 | Move to select Hawaiian Village as the location for the 802 Plenary in Nov 2023 and Nov 2027. |
|-------------|---|
| Moved | Rosdahl |
| Second | Heile |
| Results | 9-2-2 |
| Motion | Passes |
| Reference | Agenda Item #4.01 |

| * Motion #4 | Approve document ec-18-0102-08 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 | Motion Passes |
| Reference | Agenda Item #4.021 |

| * Motion #5 | Approve sending IEEE P802.3cg 10 Mb/s Single Pair Ethernet to Standards Association ballot. Approve CSD documentation in https://mentor.ieee.org/802-ec/dcn/18/ec-18-0079-00-ACSD-802-3cg.pdf |
|-------------|---|
| Moved | Law |
| Second | D'Ambrosia |
| Results | 10-1-1 |
| Motion | Passes |
| Reference | Agenda Item #5.012 |

| * Motion #6 | Approve sending IEEE P802.3.2 (IEEE 802.3cf) YANG Data Model Definitions to RevCom. Approve |
|-------------|---|
| | CSD documentation in <http: 3="" cf="" ec-16-0142-00-acsd-802-3cf.pdf="" www.ieee802.org="">.</http:> |
| Moved | Law |
| Second | D'Ambrosia |
| Results | APproved by voice vote with no objections |
| Motion | passes |
| Reference | Agenda Item #5.013 |

| * Motion #7 | Approve forwarding P802.11be PAR documentation in https://mentor.ieee.org/802.11/dcn/18/11- 18-1231-06-0eht-eht-draft-proposed-par.docxto NesCom Approve CSD modification documentation in https://mentor.ieee.org/802.11/dcn/18/11-18-1233- |
|-------------|--|
| | 06-0eht-eht-draft-proposed-csd.docx with the following modification: |
| | Change the initial phrase in 1.2.4 from "IEEE Std. 802.11 is a mature technology which has a wide variety of legacy devices" to "IEEE Std. 802.11 technology is very mature and has a wide variety of |
| | legacy devices" |
| Moved | Stanley |
| Second | Rosdahl |
| Results | 9-2-3 |
| Motion | Passes |
| Reference | Agenda Item #5.021 |

| * Motion #8 | Approve sending P802 15 4x-D2 to RevCom. |
|-------------|--|
| | Approve CSD documentation in https://mentor.ieee.org/802-ec/dcn/18/ec-18-0083-00-ACSD-802- |
| | 15-4x.docx |
| Moved | Heile |
| Second | Gilb |
| Results | Approved by voice without objection |
| Motion | Passes |
| Reference | Agenda Item #5.031 |

| * Motion #9 | Approve the formation of IEEE 802.3 Automotive Ethernet beyond 10 Gb/s Electrical PHYs study group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for Automotive Ethernet beyond 10 Gb/s Electrical PHYs. |
|-------------|--|
| Moved | Law |
| Second | D'Ambrosia |
| Results | Approved by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #6.012 |

| * Motion #10 | Grant the second Study Group recharter of the 802.11 Extremely High Throughput (EHT) Study |
|--------------|--|
| | Group. |
| Moved | Stanley |
| Second | Rosdahl |
| Results | Approved by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #6.021 |

| * Motion #11 | Grant the first re-chartering of the IEEE 802.21 study group on Network Enablers for Seamless HMD-based VR (Virtual Reality) Content Service |
|--------------|---|
| Moved | Das |
| Second | Shellhammer |
| Results | approved by voice vote without objections |
| Motion | Passes |
| Reference | Agenda Item #6.061 |

| * Motion #12 | Approve the eblast on the P802.1DG project in http://www.ieee802.org/1/files/public/docs2019/dg-draft-cfp-0319-v01.pdf, to be released with editorial changes as deemed necessary |
|--------------|---|
| Moved | Messenger |
| Second | Law |
| Results | Approved by voice vote without opposition |
| Motion | passes |
| Reference | Agenda Item #7.019 |

| * Motion #13 | Approve liaison of the following comment responses to ISO/IEC JTC1/SC6 under the PSDO agreement: |
|--------------|--|
| | CN.1 on IEEE 802.1Q-2018 (revision to ISO/IEC/IEEE 8802-1Q:2016) |
| | <u>http://www.ieee802.org/1/files/public/docs2019/maint-randall-</u> |
| | SC6Ballotresponse1Q2018-0319-v01.pdf |
| Moved | Messenger |
| Second | Law |
| Results | approved by voice vote without objections |
| Motion | passes |
| Reference | Agenda Item #7.0191 |

| * Motion #14 | Approve liaison of the following draft(s) to ISO/IEC JTC1/SC6 for information under the PSDO agreement: P802.1AX-Rev D2.0 |
|--------------|--|
| Moved | Messenger |
| Second | Law |
| Results | approved by voice vote without objections |
| Motion | passes |
| Reference | Agenda Item #7.0192 |

| * Motion #15 | Approve submission of IEEE 802.3bt-2018 IEEE Standard for Ethernet Amendment 2: Physical Layer and Management Parameters for Power over Ethernet over 4 pairs and IEEE 802.3cd-2018 IEEE Standard for Ethernet -Amendment 3: Media Access Control Parameters for 50 Gb/s and Physical Layers and Management Parameters for 50 Gb/s, 100 Gb/s, and 200 Gb/s Operation for adoption under the PSDO agreement |
|--------------|--|
| Moved | Law |
| Second | D'Ambrosia |
| Results | Approved by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #7.021 |

| * Motion #16 | Approve forwarding of P802.11ax D4.0 and P802.11ay D3.0 to ISO/IEC JTC1/SC6 for information under the PSDO agreement |
|--------------|--|
| Moved | Stanley |
| Second | Rosdahl |
| Results | Motion passes by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item # 7.031 |

| * Motion #17 | Approve forwarding the comment responses in \ |
|--------------|---|
| | https://mentor.ieee.org/802.11/dcn/19/11-19-0266-03-0jtc-resolution-of-comments-received- |
| | from-china-nb-during-fdis-ballot-on-ieee-802-11ah.docx |
| | to ISO/IEC JTC1/SC6. |
| Moved | Stanley |
| Second | Rosdahl |
| Results | Motion passes by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #7.032 |

| * Motion #18 | Approve forwarding the comment responses in <u>https://mentor.ieee.org/802.11/dcn/19/11-19-</u> 0278-02-0jtc-resolution-of-comments-received-from-china-nb-during-fdis-ballot-on-ieee-802- <u>11ak.docx</u> |
|--------------|---|
| | to ISO/IEC JTC1/SC6. |
| Moved | Stanley |
| Second | Rosdahl |
| Results | Motion passes by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #7.033 |

| * Motion #19 | Approve forwarding the comment responses in |
|--------------|---|
| | https://mentor.ieee.org/802.11/dcn/19/11-19-0279-01-0jtc-resolution-of-comments-received- |
| | from-china-nb-during-fdis-ballot-on-ieee-802-11aq.docx |
| | to ISO/IEC JTC1/SC6. |
| Moved | Stanley |
| Second | Rosdahl |
| Results | Motion passes by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #7.034 |

| * Motion #20 | Authorize the Chair & Vice Chair of IEEE 802 JTC1 SC to develop a status report on behalf of IEEE 802, based on the status pages in 11-19-0233, for consideration by ISO/IEC JTC1/SC6 at their meeting in April 2019 |
|--------------|--|
| Moved | Rosdahl |
| Second | D'Ambrosia |
| Results | |
| Motion | |
| Reference | Agenda Item #8.031 |

| | Motion to Amend Motion #23 |
|--------------|--|
| | Modify Motion #23 text to - |
| * Motion #21 | Move to modify Authorize the Chair & Vice Chair of IEEE 802 JTC1 SC to develop a status report, in conformance with Subclause 7.1.1 of the Operations Manual, on behalf of IEEE 802, based on the status pages in 11-19-0233, for consideration by ISO/IEC JTC1/SC6 at their meeting in April 2019 |
| Moved | Marks |
| Second | Mody |
| Results | Approved by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #8.031 |

| * Motion #20 | Authorize the Chair & Vice Chair of IEEE 802 JTC1 SC to develop a status report, in conformance |
|--------------|---|
| Amended | with Subclause 7.1.1 of the Operations Manual, on behalf of IEEE 802, based on the status pages in 11-19-0233, for consideration by ISO/IEC JTC1/SC6 at their meeting in April 2019 |
| | 11-19-0255, for consideration by 150/1203161/360 at their meeting in April 2015 |
| Moved | Rosdahl |
| Second | D'Ambrosia |
| Results | Approved by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #8.031 |