## MINUTES (Unconfirmed) IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING, R0

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

Thursday, May 28, 2020

All times Eastern Daylight Time (EDT)

#### EC Voting members (or their representatives) present:

Paul Nikolich – Chair, IEEE 802 LAN/MAN Standards Committee

James Gilb – 1<sup>st</sup> Vice Chair, IEEE 802 LAN/MAN Standards Committee Roger Marks - 2<sup>nd</sup> 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

John D'Ambrosia – Executive Secretary, IEEE 802 LAN/MAN Standards Committee

Recording Secretary, IEEE 802 LAN/MAN Standards Committee

Chair, Public Visibility Standing Committee

Glenn Parsons - Chair, 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 Specialty Networks Working Group
Jay Holcomb - Chair, IEEE 802.18 – Regulatory TAG (arrived 1:03pm)
Steve Shellhammer Chair, IEEE 802.19 – Wireless Coexistence 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

Subir Das – Chair, IEEE 802.21 – Media Independent Handover Working Group (Hibernating)

#### EC Voting members absent:

#### **EC Nonvoting members absent:**

Apurva Mody - Chair, IEEE 802,22 - Wireless Regional Area Networks Working Group (Hibernating)

#### Standing Committee Chairs (Non EC members) not present:

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

#### Other (Non EC Members) Present

Guido Hiertz 802 Ombudsman

#### Other Attendees

Bahn, Christy IEEE STAFF

Canchi, Radhakrishna Kyocera International Inc

Goldberg, Jonathan IEEE

Grow, Robert RMG Consulting

Haasz, Jodi IEEE

Jones, Chad Cisco Systems, Inc. Kerry, Stuart CommScope

Orlando, Christian IEEE Standards Association (IEEE-SA)

Riegel, Maximilian Nokia Santulli, Jennifer IEEE-SA

Wang, Lei Futurewei Technologies

# Agenda - <a href="https://mentor.ieee.org/802-ec/dcn/20/ec-20-0078-01-00EC-may-28-2020-ec-teleconfernce-agenda.xlsx">https://mentor.ieee.org/802-ec/dcn/20/ec-20-0078-01-00EC-may-28-2020-ec-teleconfernce-agenda.xlsx</a>

R1	AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING			
	Tuesday 1:00PM-3:00PM 28 May 2020			
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	5	01:00 PM

Meeting called to order at 1:01 pm

Chair requested Recording Secretary do roll call of meeting attendees.

2.00 PH MIROUE OR MODILI INCLUDIT	2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	3	01:05 PM
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Time 1:07pm

#### Discussion -

• Change time of Special Orders (Item 9.00) to 3:00pm

Reference	2.00
Motion	Passes
Results	Approved by voice vote without objections
Second	Rosdahl
Moved	D'Ambrosia
* Motion #1	Move to approve the modified agenda (R2)

R2		AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING			
		Tuesday 1:00PM-3:00PM 28 May 2020			
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	5	01.00 DM
					01:00 PM
2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	3	01:05 PM
3.00	II	Announcements from the Chair	Nikolich	5	01:08 PM
					01:13 PM
4.00		LMSC Internal Business			01:13 PM
4.01	MI	Suspension of Rules regarding PAR Approvals	Gilb	10	01:13 PM
					01:23 PM
5.00		IEEE Standards Board and Sponsor Ballot Items			01:23 PM
5.01		IEEE 802.1			01:23 PM
5.011	ME	To NesCom, IEEE P802.1ASdm Amendment: Hot Standby	Parsons	5	01:23 PM
5.02		IEEE 802.3			01:28 PM
5.021	ME	To NesCom, IEEE P802.3cy Amendment: Greater than 10 Gb/s Automotive Ethernet Electrical PHYs	Law	5	01:28 PM
5.022	ME	To NesCom, IEEE P802.3cz Amendment: Multi-Gigabit Automotive Optical PHYs	Law	5	01:33 PM
5.023	ME	To NesCom, IEEE P802.3da Amendment: 10Mb/s Single Pair Ethernet Multidrop Enhancements	Law	5	01:38 PM
5.024	ME	To NesCom, IEEE P802.3db Amendment: 100 Gb/s Wavelength Short Reach PHYs	Law	5	01:43 PM
5.03		IEEE 802.11	Stanley		01:48 PM
5.04		IEEE 802.15			01:48 PM
5.041	ME	To NesCom, IEEE P802.15.7a - Amendment - Defining High Data Rate Optical Camera Communications (OCC)	Heile	5	01:48 PM
5.05		IEEE 802.19	Shellhammer		01:53 PM
					01:53 PM
6.00	DT	Other Business			01:53 PM
0.00		ADJOUDN CEC MEETING	Nilroliah		02.00
9.00		ADJOURN SEC MEETING	Nikolich	0	03:00 PM

3.00	II	Announcements from the Chair	Nikolich	5	01:08 PM

Chair displayed IEEE SA Participant Policy from attached presentation, ec-20-0092-00-00EC-28-may-2020-802-chair-opening-

#### deck.pdf

4.00		LMSC Internal Business			01:13 PM
4.01	MI	Suspension of Rules regarding PAR Approvals	Gilb	10	01:13 PM

Time: 1:04pm

\* Motion #2 Due to the cancellation of the March Plenary Session due to

COVID-19 travel restrictions, suspend, from 1 May 2020 until 3 June 2020, the following rules/procedures in the IEEE 802 LMSC Operations Manual:

In Subclause 9.2, first paragraph

A complete proposed PAR and, if applicable, the criteria for standards development (CSD) statement, as described in Clause 14, shall be submitted to the IEEE 802 LMSC via the IEEE 802 LMSC email reflector for review no less than 30 days prior to the day of the opening IEEE 802 LMSC meeting of an IEEE 802 LMSC plenary session. The submittal message should include Internet links to the required submittal documents.

Presence of the submittal message in the reflector archive (with time stamp) is evidence of delivery.

Subclause 9.3 Plenary Review

and be replaced with:

For PARs that had been submitted for the March 2020 Plenary Session 30 days in advance, in order to be considered for approval at the 28 May 2020 LMSC electronic meeting, the proposed PARs shall pass through the following process:

Working Groups, other than the proposing Working Group, shall express concerns to the proposing Working Group as soon as possible and shall submit comments to the proposing Working Group and the IEEE 802 LMSC by e-mail not later than May 14, 2020, AoE.

The proposing Working Group shall post a response to commenting Working Group and to the IEEE 802 LMSC together with a Final PAR on a public website and circulate the relevant URL on the IEEE 802 LMSC reflector not later than May 21, 2020, AoE.

Moved Gilb Second D'Ambrosia

Results Passed by voice vote without objection

Motion Passes Reference 4.01

5.00		IEEE Standards Board and Sponsor Ballot Items			01:23 PM
5.01		IEEE 802.1			01:23 PM
5.011	ME	To NesCom, IEEE P802.1ASdm Amendment: Hot Standby	Parsons	5	01:23 PM

Time: 1:10pm

Parsons presented attached presentation, ec-20-0086-00-00EC-802-1-agenda-items-may-2020.pdf.

* Motion #3	<ul> <li>Approve forwarding P802.1ASdm PAR documentation in</li> </ul>	
	http://www.ieee802.org/1/files/public/docs2020/dm-PAR0520-v01.pdf to NesCom	
	<ul> <li>Approve CSD documentation in <a href="http://www.ieee802.org/1/files/public/docs2020/dm-CSD0520-">http://www.ieee802.org/1/files/public/docs2020/dm-CSD0520-</a></li> </ul>	
	<u>v01.pdf</u>	
Moved	Parsons	
Second	Marks	
Results	Passed by voice vote without objection	
Motion	Passes	
Reference	5.011	

5.02		IEEE 802.3			01:28 PM
5.021	ME	To NesCom, IEEE P802.3cy Amendment: Greater than 10 Gb/s Automotive Ethernet Electrical PHYs	Law	5	01:28 PM

Law presented slides #2 – 4 from attached presentation, ec-20-0088-00-00EC-ieee-802-3-ethernet-working-group-agenda-items-thursday-28th-may-2020.pdf.

* Motion #4	Approve forwarding IEEE P802.3cy PAR documentation in <a href="https://mentor.ieee.org/802ec/dcn/20/ec-20-">https://mentor.ieee.org/802ec/dcn/20/ec-20-</a>	
	0008-07-00EC-ieee-p802-3cy-draft-par-response.pdf to NesCom	
	Approve CSD documentation in <a href="https://mentor.ieee.org/802-ec/dcn/20/ec-20-0009-04-00ECieee-p802-">https://mentor.ieee.org/802-ec/dcn/20/ec-20-0009-04-00ECieee-p802-</a>	
	<u>3cy-draft-csd-response.pdf</u>	
Moved	Law	
Second	D'Ambrosia	
Results	Passed by voice vote without objection	
Motion	Passes	
Reference	5.021	

5.022	ME	To NesCom, IEEE P802.3cz Amendment: Multi-Gigabit Automotive Optical PHYs	Law	5	01:33 PM

Law presented slides #5 – 7 from attached presentation, ec-20-0088-00-00EC-ieee-802-3-ethernet-working-group-agenda-items-thursday-28th-may-2020.pdf.

* Motion #5	Approve forwarding IEEE P802.3cz PAR documentation in <a href="https://mentor.ieee.org/802ec/dcn/20/ec-20-">https://mentor.ieee.org/802ec/dcn/20/ec-20-</a>	
	<u>0010-01-00EC-ieee-p802-3cz-draft-par-response.pdf</u> to NesCom	
	Approve CSD documentation in <a href="https://mentor.ieee.org/802-ec/dcn/20/ec-20-0011-02-00ECieee-p802-">https://mentor.ieee.org/802-ec/dcn/20/ec-20-0011-02-00ECieee-p802-</a>	
	<u>3cz-draft-csd-response.pdf</u>	
Moved	Law	
Second	D'Ambrosia	
Results	Passed by voice vote without objection	
Motion	Passes	
Reference	5.022	

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Ī	5.023	ME	To NesCom, IEEE P802.3da Amendment: 10Mb/s Single Pair Ethernet Multidrop	Law	5	01:38 PM
			Enhancements			

Law presented slides #8 – 10 from attached presentation, ec-20-0088-00-00EC-ieee-802-3-ethernet-working-group-agenda-items-thursday-28th-may-2020.pdf.

* Motion #6	Approve forwarding IEEE P802.3da PAR documentation in <a href="https://mentor.ieee.org/802ec/dcn/20/ec-20-">https://mentor.ieee.org/802ec/dcn/20/ec-20-</a>
	0012-06-00EC-ieee-p802-3da-draft-par-response.pdf to NesCom
	Approve CSD documentation in <a href="https://mentor.ieee.org/802-ec/dcn/20/ec-20-0013-02-00ECieee-p802-">https://mentor.ieee.org/802-ec/dcn/20/ec-20-0013-02-00ECieee-p802-</a>
3da-draft-csd-response.pdf	
Moved	Law
Second	D'Ambrosia
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.023

5.024	ME	To NesCom, IEEE P802.3db Amendment: 100 Gb/s Wavelength Short Reach PHYs	Law	5	01:43 PM

Law presented slides #11 – 13 from attached presentation, ec-20-0088-00-00EC-ieee-802-3-ethernet-working-group-agenda-items-thursday-28th-may-2020.pdf.

* Motion #7	Approve forwarding IEEE P802.3db PAR documentation in <a href="https://mentor.ieee.org/802ec/dcn/20/ec-20-">https://mentor.ieee.org/802ec/dcn/20/ec-20-</a>
	0014-01-00EC-ieee-p802-3db-draft-par-response.pdf to NesCom
	Approve CSD documentation in <a href="https://mentor.ieee.org/802-ec/dcn/20/ec-20-0015-00-00ECieee-p802-">https://mentor.ieee.org/802-ec/dcn/20/ec-20-0015-00-00ECieee-p802-</a>
	3db-draft-csd-response.pdf
Moved	Law
Second	D'Ambrosia
Results	Passed by voice vote without objection
Motion Passes	
Reference	5.024

5.04		IEEE 802.15			01:48 PM
5.041	ME	To NesCom, IEEE P802.15.7a - Amendment - Defining High Data Rate Optical Camera Communications (OCC)	Heile	5	01:48 PM

Heile presented attached presentation, 15-20-0136-06-0vat-comment-resolutions-on-ieee-802-15-7a-par-and-csd.pdf.

* Motion #8	<ul> <li>Approve forwarding 802.15.7a PAR documentation in <a href="https://mentor.ieee.org/802.15/dcn/19/15-19-0296-03-0vat-par-for-high-rate-occ-task-group.docx">https://mentor.ieee.org/802.15/dcn/19/15-19-0297-03-0vat-csd-group.docx</a></li> <li>Approve CSD documentation in <a href="https://mentor.ieee.org/802.15/dcn/19/15-19-0297-03-0vat-csd-for-high-rate-occ-task-group.docx">https://mentor.ieee.org/802.15/dcn/19/15-19-0297-03-0vat-csd-for-high-rate-occ-task-group.docx</a></li> </ul>
Moved	Heile
Second	Holcomb
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.041

6.00	DT	Other Business		01:53 PM

There was discussion about how things would proceed for the July Plenary.

Proposal for dates for July PAR submission in <a href="https://mentor.ieee.org/802-ec/dcn/20/ec-20-0082-00-00EC-may-rule-changes.odp">https://mentor.ieee.org/802-ec/dcn/20/ec-20-0082-00-00EC-may-rule-changes.odp</a>.

Recording Secretary requested members of EC review the June 2 EC Teleconference.

9.00	ADJOURN SEC MEETING	Nikolich	0	03:00
	,			PM

Meeting adjourned @ 1:35pm.

### **Motions**

* Motion #1	Move to approve the modified agenda (R2)
Moved	D'Ambrosia
Second	Rosdahl
Results	Approved by voice vote without objections
Motion	Passes
Reference	2.00

	D 7 (1110) 0010
Second	Rosdahl
Results	Approved by voice vote without objections
Motion	Passes
Reference	2.00
* Motion #2	Due to the cancellation of the March Plenary Session due to
	COVID-19 travel restrictions, suspend, from 1 May 2020 until 3 June 2020, the following rules/procedures in the IEEE 802 LMSC Operations Manual:
	In Subclause 9.2, first paragraph
	A complete proposed PAR and, if applicable, the criteria for standards development (CSD) statement, as described in Clause 14, shall be submitted to the IEEE 802 LMSC via the IEEE 802 LMSC email reflector for
	review no less than 30 days prior to the day of the opening IEEE 802 LMSC meeting of an IEEE 802 LMSC plenary session. The submittal message should include Internet links to the required submittal documents.
	Presence of the submittal message in the reflector archive (with time stamp) is evidence of delivery.
	Subclause 9.3 Plenary Review
	and be replaced with:
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	Working Groups, other than the proposing Working Group, shall express concerns to the proposing Working Group as soon as possible and shall submit comments to the proposing Working Group and the IEEE 802 LMSC by e-mail not later than May 14, 2020, AoE.
	The proposing Working Group shall post a response to commenting Working Group and to the IEEE 802 LMSC together with a Final PAR on a public website and circulate the relevant URL on the IEEE 802 LMSC reflector not later than May 21, 2020, AoE.
Moved	Gilb
Second	D'Ambrosia
Results	Passed by voice vote without objection
Mation	Dassas

Moved	Gilb
Second	D'Ambrosia
Results	Passed by voice vote without objection
Motion	Passes
Reference	4.01

* Motion #3	<ul> <li>* Motion #3</li> <li>Approve forwarding P802.1ASdm PAR documentation in <a href="http://www.ieee802.org/1/files/public/docs2020/dm-PAR0520-v01.pdf">http://www.ieee802.org/1/files/public/docs2020/dm-PAR0520-v01.pdf</a> to NesCom</li> <li>Approve CSD documentation in <a href="http://www.ieee802.org/1/files/public/docs2020/dm-CSD0520-v01.pdf">http://www.ieee802.org/1/files/public/docs2020/dm-CSD0520-v01.pdf</a></li> </ul>	
Moved	Parsons	
Second	Marks	
Results	Passed by voice vote without objection	
Motion	Passes	
Reference	5.011	

* Motion #4	Approve forwarding IEEE DOOD 2011 DAD decumentation in https://menter.icoc.org/202cs/den/20/cs.20
" Motion #4	Approve forwarding IEEE P802.3cy PAR documentation in <a 20="" 802-ec="" dcn="" ec-20-0009-04-00ecieee-p802-3cy-draft-csd-response.pdf"="" href="https://mentor.ieee.org/802ec/dcn/20/ec-20-20-20-20-20-20-20-20-20-20-20-20-20-&lt;/th&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th rowspan=2&gt;&lt;/th&gt;&lt;th&gt;0008-07-00EC-ieee-p802-3cy-draft-par-response.pdf to NesCom&lt;/th&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;Approve CSD documentation in &lt;a href=" https:="" mentor.ieee.org="">https://mentor.ieee.org/802-ec/dcn/20/ec-20-0009-04-00ECieee-p802-3cy-draft-csd-response.pdf</a>
Moved	Law
Second	D'Ambrosia
Results	
Motion	Passed by voice vote without objection
	Passes 5.021
Reference	5.021
* Motion #5	Approve forwarding IEEE P802.3cz PAR documentation in <a href="https://mentor.ieee.org/802ec/dcn/20/ec-20-">https://mentor.ieee.org/802ec/dcn/20/ec-20-</a>
Widtion #3	0010-01-00EC-ieee-p802-3cz-draft-par-response.pdf to NesCom
	Approve CSD documentation in https://mentor.ieee.org/802-ec/dcn/20/ec-20-0011-02-00ECieee-p802-
	3cz-draft-csd-response.pdf
Moved	Law
Second	D'Ambrosia
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.022
Reference	5.022
* Motion #6	Approve forwarding IEEE P802.3da PAR documentation in https://mentor.ieee.org/802ec/dcn/20/ec-20-
	0012-06-00EC-ieee-p802-3da-draft-par-response.pdf to NesCom
	Approve CSD documentation in https://mentor.ieee.org/802-ec/dcn/20/ec-20-0013-02-00ECieee-p802-
	3da-draft-csd-response.pdf
Moved	Law
Second	D'Ambrosia
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.023
* Motion #7	Approve forwarding IEEE P802.3db PAR documentation in https://mentor.ieee.org/802ec/dcn/20/ec-20-
	0014-01-00EC-ieee-p802-3db-draft-par-response.pdf to NesCom
	Approve CSD documentation in <a href="https://mentor.ieee.org/802-ec/dcn/20/ec-20-0015-00-00ECieee-p802-">https://mentor.ieee.org/802-ec/dcn/20/ec-20-0015-00-00ECieee-p802-</a>
	3db-draft-csd-response.pdf
Moved	Law
Second	D'Ambrosia
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.024
* Motion #8	Approve forwarding 802.15.7a PAR documentation in
	https://mentor.ieee.org/802.15/dcn/19/15-19-0296-03-0vat-par-for-high-rate-occ-task-
	group.docx to NesCom
	<ul> <li>Approve CSD documentation in <a href="https://mentor.ieee.org/802.15/dcn/19/15-19-0297-03-0vat-csd-">https://mentor.ieee.org/802.15/dcn/19/15-19-0297-03-0vat-csd-</a></li> </ul>
	for-high-rate-occ-task-group.docx
Moved	Heile
Second	Holcomb
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.041
Reference	J.UT1