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

Prepared by John D'Ambrosia, Recording Secretary

Friday, Jul 29, 2016 – 1p.m. All times PDT

Grand Hyatt San Diego, CA, USA

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

Paul Nikolich	Chair, IEEE 802 LAN/MAN Standards Committee
Pat Thaler	1 <sup>st</sup> Vice Chair, IEEE 802 LAN/MAN Standards Committee
	Chair, IEEE 802 / IETF Standing Committee
James Gilb	2 <sup>nd</sup> Vice Chair, IEEE 802 LAN/MAN Standards Committee
Clint Chaplin	Treasurer, IEEE 802 LAN/MAN Standards Committee
Jon Rosdahl	Executive Secretary, IEEE 802 LAN/MAN Standards Committee
John D'Ambrosia	Recording Secretary, IEEE 802 LAN/MAN Standards Committee
Glenn Parsons	Chair, IEEE 802.1 – HILI Working Group
	Chair, IEEE 802 EC / ITU Standing Committee
	Chair, IEEE 802 5G/IMT-2020 Standing Committee
David Law	Chair, IEEE 802.3 – Ethernet Working Group
Adrian Stephens	Chair, IEEE 802.11 – Wireless LAN Working Group
Bob Heile	Chair, IEEE 802.15 – Wireless PAN Working Group
	Chair, IEEE 802 Wireless Chairs Standing Committee
Roger Marks	Chair, IEEE 802.16 – Broadband Wireless Access Working Group
Rich Kennedy	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
Tim Godfrey	Chair, IEEE 802.24 - Vertical Applications TAG
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#### EC Nonvoting members present:

Geoff Thompson Member Emeritus Radhakrishna Canchi Chair, IEEE 802.20 – Mobile Broadband Wireless Access Working Group

#### EC Voting members absent:

Apurva Mody Chair, IEEE 802.22 – Wireless RANs Working Group

#### EC Nonvoting members absent:

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

#### Standing Committee Chairs (Non EC members)

Andrew Myles Chair, IEEE 802 JTC1 Standing Committee

Agenda URL: https://mentor.ieee.org/802-ec/dcn/16/ec-16-0091-03-00EC-802-ec-july-2016-closing-agenda.xlsx

1.00	MEETING CALLED TO ORDER	Nikolich	15	01:00 PM
	Category (* = consent agenda)			
	Special Orders			
Key:	ME - Motion, External, MI - Motion, Internal, DT- Discussion Topic, II - Information Item			
	Friday 1:00PM-6:00PM, 29 Jul 2016			
R3	AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING			

#### Meeting called to order @ 1pm

2.00 MI APPROVE OR MODIFY AGENDA	Nikolich	10	01:15 PM
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Nikolich showed agenda. Asked for feedback.

- Ref 5.083 Mr. Law indicated that the draft has not been modified since the last balloted version.
- Requested by Stephens Add agenda item for 8.0451 an 802 EC Motion template file, DT, 5min
- Add 5.022 Next Steps to Disband 802.17, DT

* Motion #1	Move to approve the modified agenda
Moved	DAmbrosia
Second	Das
Results	14-0-0
Motion	Passes
Reference	Agenda Item #2.00

R4		AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING			
		Friday 1:00PM-6:00PM, 29 Jul 2016			
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	Π	Announcements from the Chair	Nikolich	5	01:25 PM
					01:30 PM
4.00		LMSC Internal business			01:30 PM
4.01	MI	Rules Changes	Gilb	15	01:30 PM
4.02	MI	Future Venue Update	Rosdahl	5	01:45 PM
					01:50 PM
5.00		IEEE Standards Board and Sponsor Ballot Items			01:50 PM
5.01		IEEE 802.15			01:50 PM
5.011	ME*	To Sponsor Ballot (unconditional) - 802.15.3e High Rate Close Proximity	Heile	0	01:50 PM
5.012	ME*	To Sponsor Ballot (conditional) - 802.15.4t Higher Rate PHY	Heile	0	01:50 PM
5.013	ME*	To RevCom (conditional) - 802.15.4u India SubGHz Band	Heile	0	01:50 PM
5.014	ME*	To NesCom (PAR Modification) - 802.15.7 title change	Heile	0	01:50 PM
5.015	ME*	To NescCom (PAR Extension) - One Year PAR Extension	Heile	0	01:50 PM
<del>5.02</del>	-	<del>IEEE 802.16</del>	Marks	-	01:50 PM
5.02		IEEE 802.17			01:50 PM
5.021	ME*	To RevCom (Transfer to inactive status) - IEEE 802.17:2011	Law	0	01:50 PM
5.022	DT	Next Steps to Disband IEEE 802.17	Gilb	6	
<del>5.03</del>	ME	IEEE 802.18	Kennedy	-	01:50 PM

<del>5.0</del> 4	ME	IEEE 802.19	<b>Shellhammer</b>	-	01:50 PM
5.05		IEEE 802.21			01:50 PM
5.051	ME	To Sponsor Ballot: IEEE P802.21-revision	Das	3	01:50 PM
5.052	ME	To Sponsor Ballot: IEEE P802.21.1 and approve the CSD (http://www.ieee802.org/21/802_21_1_5C.pdf)	Das	3	01:53 PM
<del>5.06</del>	ME	<del>IEEE 802.22</del>	Mody	-	01:56 PM
5.07		IEEE 802.1			01:56 PM
5.071	ME	To NesCom – 802.1Q-Rev "Bridges and Bridged Networks"	Parsons	3	01:56 PM
5.072	ME	To Sponsor Ballot - IEEE 802.1AEcg – MAC Security Amendment: Ethernet Data Encryption Devices	Parsons	3	01:59 PM
5.073	ME	To Sponsor Ballot (conditional) - IEEE 802.1Qci - Per-Stream Filtering and Policing	Parsons	3	02:02 PM
5.074	ME	To Sponsor Ballot (conditional)- IEEE 802d - Allocation of Uniform Resource Name (URN)	Parsons	3	02:05 PM
5.075	ME	To Sponsor Ballot (conditional)- IEEE 802.1CB - Frame Replication and Elimination for Reliability	Parsons	3	02:08 PM
5.076	ME	To RevCom (conditional) - IEEE 802.1AC-Rev – MAC Services Definition	Parsons	3	02:11 PM
5.08	ME	IEEE 802.3			02:14 PM
5.081	ME*	PAR (Modification) to NesCom IEEE P802.3cb 2.5 Gb/s and 5 Gb/s Operation over Backplane and Copper Cables	Law	0	02:14 PM
5.082	ME*	PAR to NesCom - IEEE P802.3.2 (IEEE 802.3cf) Ethernet YANG data model definitions	Law	0	02:14 PM
5.083	ME*	To RevCom - IEEE P802.3bn EPON Protocol over Coax (EpoC) – Draft has not changed since last Balloted version	Law	0	02:14 PM
5.084	ME	To RevCom - IEEE P802.3bz 2.5G/5GBASE-T (conditional)	Law	0	02:14 PM
5.085	ME	To Sponsor Ballot: IEEE P802.3bv Gigabit Ethernet Over Plastic Optical Fiber (PoF)	Law	3	02:14 PM
5.09	ME	IEEE 802.11	Stephens		02:17 PM
5.091	MI*	To NesCom (PAR Extension) - TGmc • Approve sending the PAR extension information for P802.11REVmc cited below to NesCom. – PAR document: https://mentor.ieee.org/802.11/dcn/16/11-16-0978-01- 000m-tgmc-par-extension-document.docx – CSD document: Revision/not applicable	Stephens	0	02:17 PM
5.092	MI*	To NesCom (PAR Extension) - TGah Approve sending the PAR extension information for P802.11ah cited below to NesCom. - PAR document: https://mentor.ieee.org/802.11/dcn/16/11-16-0863-01- 00ah-tgah-par-extension.docx - CSD document: https://mentor.ieee.org/802.11/dcn/14/11-14-0591-00- 00ah-tgah-revised-csd.docx	Stephens	0	02:17 PM

5.093	MI*	<ul> <li>To NesCom (PAR Extension) - TGai</li> <li>Approve sending the PAR extension information for P802.11ai cited below to NesCom.</li> <li>PAR document: https://mentor.ieee.org/802.11/dcn/16/11-16-0991-00-00ai-tgai-par-extension-request.docx</li> <li>5C document: https://mentor.ieee.org/802.11/dcn/10/11-10-1153-00-0fia-fast-initial-link-set-up-5c.doc</li> </ul>	Stephens	0	02:17 PM
5.094	MI*	To NesCom (PAR Extension) - • TGaj Approve sending the PAR extension information for P802.11aj cited below to NesCom. - PAR document: https://mentor.ieee.org/802.11/dcn/16/11-16-0987-01- 00aj-tgaj-par-extension.docx - 5C document: https://mentor.ieee.org/802.11/dcn/12/11-12-0141-07- cmmw-ieee-802-11-cmww-sg-5c.doc	Stephens	0	02:17 PM
5.095	MI*	To NesCom (PAR Extension) - • TGak Approve sending the PAR extension information for P802.11ak cited below to NesCom. - PAR document: https://mentor.ieee.org/802.11/dcn/16/11-16-0983-00- 00ak-tgak-par-extension.docx - 5C document: https://mentor.ieee.org/802.11/dcn/12/11-12-1208-00- 0glk-802-11-glk-draft-5c.docx	Stephens	0	02:17 PM
5.096	MI*	To NesCom (PAR Extension) - • TGaq Approve sending the PAR extension information for P802.11aq cited below to NesCom. - PAR document: https://mentor.ieee.org/802.11/dcn/16/11-16-0975-01- 00aq-par-extension-form.docx - 5C document: https://mentor.ieee.org/802.11/dcn/12/11-12-1137-06- 0pad-draft-5c-proposal.doc	Stephens	0	02:17 PM
5.097	MI	To Sponsor Ballot: P802.11aq (conditional)	Stephens	3	02:17 PM
					02:20 PM
6.00		Executive Committee Study Groups, Working Groups, TAGs			02:20 PM
<del>6.01</del>	MI	IEEE 802.15	Heile	-	02:20 PM
<del>6.02</del>	MI	IEEE 802.16	Marks	-	02:20 PM
<del>6.03</del>	MI	IEEE 802.18	Kennedy	-	<del>02:20 PM</del>
6.04		IEEE 802.19			02:20 PM
6.041	MI*	1st Extension: IEEE 802.19 Wireless Automotive Coexistence Study Group	Shellhammer	0	02:20 PM
<del>6.05</del>	-	I <del>EEE 802.21</del>	Mody	-	02:20 PM
<del>6.06</del>	-	HEEE 802.22	<del>Das</del>	-	02:20 PM
6.07	MI	IEEE 802.24	Godfrey		02:20 PM
<del>6.08</del>	MI	IEEE 802.1	Parsons	-	<del>02:20 PM</del>
6.09		IEEE 802.3			02:20 PM

6.091	MI*	1st extension: IEEE 802.3 Ethernet YANG Data Model(s) Study Group	Law	0	02:20 PM
6.092	MI	SG Formation: IEEE 802.3 10 Mb/s Single Twisted Pair Ethernet Study Group	Law	3	02:20 PM
6.10	MI	IEEE 802.11			02:23 PM
6.101	MI*	1st extension: 802.11 Wake Up Radio Study Group (WUR SG)	Stephens	0	02:23 PM
					02:23 PM
7.00		LMSC Liaisons and External Communications			02:23 PM
<del>7.01</del>	ME	IEEE 802.15	Heile		02:23 PM
<del>7.02</del>	ME	IEEE 802.16	Marks	-	02:23 PM
7.03	ME	IEEE 802.18			02:23 PM
7.031	ME	Approve https://mentor.ieee.org/802.18/dcn/16/18-16-0062-02-0000-itu- r-5-1-liaison-was-rlan-considered-in-57-71-ghz.docx as our liaison to ITU-R WP5A, and forward to the IEEE 802 ITU-R Liaison for final editing and formatting, and transmittal to WP5A.	Kennedy	10	02:23 PM
7.04		IEEE 802.19			02:33 PM
7.041	ME	Liaison to 3GPP on LAA	Shellhammer	5	02:33 PM
7.042	ME	Revision of 3GPP Liaison Approval Process	Shellhammer	5	02:38 PM
<del>7.05</del>	ME	IEEE 802	Nikolich	-	02:43 PM
7.06	ME	IEEE 802.21	Das		02:43 PM
7.061	ME*	Motion Submission of Draft IEEE Std 802.21-revision and Draft IEEE Std 802.21.1 to ISO/IEC JTC1 SC6 for information under the PSDO agreement.	Das	0	02:43 PM
7.07		IEEE 802.22			02:43 PM
7.071	ME	Approval to forward the 802.22a and 802.22 ISO Ballot Comment Resolutions	Heile	3	02:43 PM
<del>7.08</del>	ME	IEEE 802.24		-	<del>02:46 PM</del>
7.09		IEEE 802.1			02:46 PM
7.091	ME	Approve the following to SC6 - IEEE P802.1AEcg, P802.1Qci, P802.1CB, and P802d to SC6 for information under PSDO - FDIS comment responses for IEEE Stds 802.1Qbv-2015, 802.1AB- 2016 and 802.1Qca-2015. to SC6 under PSDO - IEEE 802.1Qcd-2015 to SC6 for adoption under PSDO	Parsons	5	02:46 PM

8.032	Π	802 / ITU SC Report	Parsons	2	03:17 PM
8.031	ME*	802 / JTC1 SC: Motion: the approval of 11-16-0817-01, https://mentor.ieee.org/802.11/dcn/16/11-16-0817-01-0jtc- proposed-lc-to-sc6-wg1.docx, as response to the liaison statement from ISO/IEC JTC1/SC6/WG1 (doc: SC6_WG1_N0046) dated 16 March 2016.	Myles	0	03:17 PM
8.03		Standing Committee Reports			03:17 PM
<del>8.02</del>	Ħ	IEEE SA Staff Reports	-	-	03:17 PM
8.01	II	IEEE 802 / SA Task Force Report	Nikolich	5	03:12 PM
8.00		Information Items			03:12 PM
					03:12 PM
					03:12 PM
		Break		10	03:02 PM
7.112	ME	Liaison of P802.11ah D9.0 and P802.11ai D9.0 to ISO/IEC JTC1/SC6 under the PSDO agreement:	Stephens	3	02:59 PM 03:02 PM
7.111	ME*	Move to liaise the following drafts to ISO/IEC JTC1/SC6 under the PSDO agreement: • P802.11 (revision mc D6.0) • P802.11ah (D8.0) • P802.11ai (D8.0)	Stephens	0	02:59 PM
7.11		IEEE 802.11			02:59 PM
7.102	ME	Liaison letter to ISO/IEC JTC1 SC6 China NB Comments on IEEE Std 802.3-2015 pre-ballot	Law	3	02:56 PM
<del>7.101</del>	-	Submission of IEEE Std 802.3by 2016, IEEE Std 802.3bq 2016, IEEE Std 802.3bp-2016 and IEEE Std 802.3br-2016 for adoption by ISO/IEC JTC1-SC6	<del>Law</del>	-	02:56 PM
7.10	ME	IEEE 802.3			02:56 PM
7.092	п	Liaisons: – - 802.1 to ITU-T SG15 LS 332 on P802.1CM synchronization - 802.1 to ITU-T SG15 LS353 & LS 362 on UML - 802.1 to IEC SC65C WG15 on P802.1CB - 802.1 to IEEE 1914 on P802.1CM - 802.1 to 3GPP RAN3 on P802.1CM - 802.1 to AVnu Alliance on TSN features - 802.1 & 802.24 to IEEE PES PSRC on TSN features - 802.1 to IETF on YANG - 802.1 & 802.15 to WFA on 64bit-48bit bridging - 802.1 to IETF on NV03	Parsons	5	02:51 PM

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8.034	Π	802 / IETF SC Report	Thaler	5	03:34 PM
8.035	II	802 Wireless Chairs SC Report	Heile	5	03:39 PM
8.036	II	Regulatory report	Kennedy	5	03:44 PM
8.04		Officers Reports			03:49 PM
8.041	II	1st Vice Chair Report (Mid week Remote Meeting Participation Ad Hoc Update)	Thaler	5	03:49 PM
8.042	Π	2nd Vice Chair Report	Gilb	5	03:54 PM
8.043	Π	Treasurer's Report	Chaplin	15	03:59 PM
8.044	Π	Executive secretary report	Rosdahl	5	04:14 PM
8.045	Π	Recording Secretary Report (Requesting Agenda Items)	D'Ambrosia	5	04:19 PM
8.0451	DT	Motion Template File	Stephens	6	04:24 PM
8.046	<b>II</b> *	Appeals report -No items to report	D'Ambrosia	0	04:24 PM
8.05	п	Network Services report	Verilan	2	04:24 PM
8.06	II	Announcement of 802 EC Interim Telecon (Tuesday 4 Oct 2016, 1-3pm ET)	Rosdahl	2	04:26 PM
8.07	П*	Call for Tutorials for Nov 2016 Plenary (Monday 07 Nov, 2016)	Rosdahl	0	04:28 PM
					04:28 PM
10.00		ADJOURN SEC MEETING	Nikolich	0	06:00 PM

3.00 II Announcements from the Chair	Nikolich	5	01:25 PM
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#### Time: 1:07pm

Nikolich gave a verbal update. He noted that IEEE 802 is in its 113<sup>th</sup> Session.

* Motion #2	To declare the July 2016 802 Plenary Session as the 113 <sup>th</sup> Session
Moved	Marks
Second	Heile
Results	5-8-1
Motion	Fails
Reference	Agenda Item #3.00

Discussion regarding this declaration

Action Item – Thompson and Rosdahl to research the 802 historical record to determine if the July 2016 Session is indeed the 113<sup>th</sup> Session as the Chart asserted.

Thompson called for the Orders of the Day.

					01:30 PM
4.00		LMSC Internal business			01:30 PM
4.01	MI	Rules Changes	Gilb	15	01:30 PM

#### Time:1:13 pm

Gilb presented slides 10 – 12, ec-16-0116-03-00EC-july-2016-rules-changes.pdf. Gilb showed the two documents that these changes would impact. Errors were noted, and Gilb will update the appropriate files , ec-16-0116-04-00EC-july-2016-rules-changes.pdf (attached)

	This motion is brought under the process described in the subclause "Revision of the IEEE
	802 LMSC Working Group Policies and Procedures" of the IEEE 802 LMSC Working
* Mation #2	Group Policies and Procedures.
* Motion #3	<ul> <li>IEEE 802 EC approves IEEE_802_WG_PandP_v18.3.doc (to be renumbered as v19) with the</li> </ul>
	word "scheduled" changed to "announced" in subclause 6.6 as the new IEEE 802 LMSC Working
	Group Policies and Procedures
Moved	Gilb
Second	DAmbrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.01

* Motion #4	<ul> <li>This motion is brought under the process described in the subclause "Revision of the IEEE 802 LMSC OM" of the IEEE 802 LMSC Operation Manual.</li> <li>IEEE 802 EC approves IEEE_802_OM_v18.2.pdf (to be renumbered as v19) as the new IEEE 802 LMSC Operations Manual</li> </ul>
Moved	Gilb
Second	DAmbrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.01

#### Action item – Stanley to bring text noted on Monday (policy language for Chair's Guidelines, regarding submission of documents that will be considered by the EC, including location on Mentor) to Oct Teleconference

4.02	MI	Future Venue Update	Rosdahl	5	01:45 PM
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Time:1:29pm

Rosdahl gave verbal update of slide 17. ec-16-0117-02-00EC-executive-secretary-agenda-items-july-2016-plenary (attached).

Recording Secretary noted that Mr. Rosdahl kept to his agenda item time allocation. The Chair was noticeably quiet at this announcement. Mr. Rosdahl did a victory lap around the tables.

5.00		IEEE Standards Board and Sponsor Ballot Items			01:50 PM
5.01		IEEE 802.15			01:50 PM
5.011	ME*	To Sponsor Ballot (unconditional) - 802.15.3e High Rate Close Proximity	Heile	0	01:50 PM

#### See Slides 3 – 8 of 15-16-0544-02-0000-802.15 July 29 EC Package.pdf (attached)

5.012	ME*	To Sponsor Ballot (conditional) - 802.15.4t Higher Rate PHY	Heile	0	01:50 PM
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Approved with approval of agenda.

See Slides 9 – 13 of 15-16-0544-02-0000-802.15 July 29 EC Package.pdf (attached)

5.013	ME*	To RevCom (conditional) - 802.15.4u India SubGHz Band	Heile	0	01:50 PM
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Approved with approval of agenda.

#### See Slides 14 – 17 of 15-16-0544-02-0000-802.15 July 29 EC Package.pdf (attached)

5.014	ME*	To NesCom (PAR Modification) - 802.15.7 title change	Heile	0	01:50 PM	
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Approved with approval of agenda.

#### See Slide 19 of 15-16-0544-02-0000-802.15 July 29 EC Package.pdf (attached)

5.015	ME*	To NescCom (PAR Extension) - One Year PAR Extension	Heile	0	01:50 PM
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Approved with approval of agenda.

See Slide 20 of 15-16-0544-02-0000-802.15 July 29 EC Package.pdf (attached)

<del>5.02</del>	-	IEEE 802.16	Marks	-	01:50 PM
5.02		IEEE 802.17			01:50 PM
5.021	ME*	To RevCom (Transfer to inactive status) - IEEE 802.17:2011	Law	0	01:50 PM

Approved with approval of agenda.

5.022 DT Next Steps to Disband IEEE 802.17	Gilb	6		
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Gilb gave update regarding the disbanding of 802.17. It was noted that 802.17 is hibernated, and has no active PARs. Procedural issues regarding disbanding were discussed.

Action – Nikolich – add 802.17 standards to be put on the next IEEE SASB/RevCom agenda for "transfer to inactive status"

<del>5.03</del>	ME	IEEE 802.18	Kennedy	-	01:50 PM
<del>5.04</del>	ME	IEEE 802.19	<b>Shellhammer</b>	-	01:50 PM
5.05		IEEE 802.21			01:50 PM
5.051	ME	To Sponsor Ballot: IEEE P802.21-revision	Das	3	01:50 PM

Time: 1:37pm

Das showed slides 2-9 rom 21-16-0094-00-0000-July-EC-meeting\_Package\_for\_IEEE802.21.pdf (attached).

* Motion #5	Forward IEEE P802.21-revision for Sponsor Ballot
Moved	Das
Second	Shellhammer
Results	Passed by voice vote without ojbection
Motion	Passes
Reference	5.051

5.052METo Sponsor Ballot: IEEE P802.21.1 and approve the CSD (http://www.ieee802.org/21/802_21_1_5C.pdf)	Das	3	01:53 PM
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Das showed slides 10-16 from 21-16-0094-00-0000-July-EC-meeting\_Package\_for\_IEEE802.21.pdf (attached).

* Motion #6	Approve the CSD (http://www.ieee802.org/21/802_21_1_5C.pdf) and forward IEEE P802.21.1 for Sponsor Ballot
Moved	Das
Second	Shellhamer
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.051

<del>5.06</del>	ME	IEEE 802.22	Mody	-	01:56 PM
5.07		IEEE 802.1			01:56 PM
5.071	ME	To NesCom – 802.1Q-Rev "Bridges and Bridged Networks"	Parsons	3	01:56 PM

Time: 1:41

#### Parsons showed slides 5 – 6 from ec-16-0134-00-00EC-802-1-ec-motions(attached).

* Motion #7	<ul> <li>n EC approves to forward the maintenance PAR for 802.1Q-Rev (Bridges and Bridged Networks) to NesCom</li> <li>n PAR: <u>http://www.ieee802.org/1/files/public/docs2016/q-messenger-draft-revision-par-0716-v01.pdf</u></li> </ul>
Moved	Parsons
Second	Thaler
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.071

The audio amplification system failed, therefore'the EC then spoke loudly with their "big boy/girl" voices and carried small microphones.

5.072     ME     To Sponsor Ballot - IEEE 802.1AEcg – MAC Security Amendment: Ethernet Data Encryption Devices	Parsons	3	01:59 PM	
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#### Time: 1:43

#### Parsons showed slides 8 – 9 from ec-16-0134-00-00EC-802-1-ec-motions (attached).

	EC confirms the PAR and CSD
* Motion #8	n http://www.ieee802.org/1/files/public/docs2014/cg-draft-aecg-csd-0714-v3.pdf
	And forwards P802.1AEcg to Sponsor ballot.
Moved	Parsons
Second	Thaler
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.072

5.073 ME To Sponsor Ballot (conditional) - IEEE 802.1Qci - Per-Stream Filtering and Policing Pa	Parsons 3	02:02 PM
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#### Time: 1:45pm

#### Parsons showed slides 10 –11 from ec-16-0134-00-00EC-802-1-ec-motions (attached).

* Motion #9	<ul> <li>n EC confirms the PAR and CSD and conditionally approves to forward P802.1Qci, Per- Stream Filtering and Policing, to Sponsor Ballot.</li> <li>PAR: <u>https://development.standards.ieee.org/get- file/P802.1Qci.pdf?t=86069100003</u></li> <li>CSD: <u>http://www.ieee802.org/1/files/public/docs2015/new-nfinn-input-gates-csd- 0115-v03.pdf</u></li> </ul>
Moved	Parsons
Second	Thaler
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.073

5.074 ME To Sponsor Ballot (conditional)- IEEE 802d - Allocation of Uniform Resource Name (URN)	Parsons	3	02:05 PM	
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#### Parsons showed slides 12 –13 from ec-16-0134-00-00EC-802-1-ec-motions (attached).

* Motion #10	<ul> <li>n EC confirms the PAR and CSD and conditionally approves to forward P802d, Allocation of Uniform Resource Name (URN) values in IEEE 802 standards, to Sponsor Ballot.</li> <li>PAR: <u>http://www.ieee802.org/1/files/public/docs2015/new-parsons-URN-Namespace-PAR-1115-v01.pdf</u></li> <li>CSD: <u>http://www.ieee802.org/1/files/public/docs2015/new-parsons-URN-Namespace-CSD-1115.pdf</u></li> </ul>		
Moved	Parsons		
Second	Thaler		
Results	Passed by voice vote without objection		
Motion	Passes		
Reference	5.074		

5.075	ME	To Sponsor Ballot (conditional)- IEEE 802.1CB - Frame Replication and Elimination for Reliability	Parsons	3	02:08 PM	
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Time: 1:47

# Parsons showed slides 14 –15 from ec-16-0134-00-00EC-802-1-ec-motions (attached).

* Motion #11	<ul> <li>n EC confirms the PAR and 5C and conditionally approval to forward P802.1CB, Frame Replication and Elimination for Reliability, to Sponsor Ballot.</li> <li>PAR: <u>https://development.standards.ieee.org/P828000033/par</u></li> <li>5C: <u>http://www.ieee802.org/1/files/private/cb-drafts/d2/802-1CB-d2-5.pdf</u></li> </ul>
Moved	Parsons
Second	Thaler
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.075

5.076     ME     To RevCom (conditional) - IEEE 802.1AC-Rev – MAC Services Definition	Parsons	3	02:11 PM
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Time: 1:48

#### Parsons showed slides 17–19 from ec-16-0134-00-00EC-802-1-ec-motions (attached).

* Motion #12	EC confirms the PAR and conditionally approves to forward P802.1AC-Rev to RevCom:
Moved	Parsons
Second	Thaler
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.076

5.08	ME	IEEE 802.3			02:14 PM
5.081	ME*	PAR (Modification) to NesCom IEEE P802.3cb 2.5 Gb/s and 5 Gb/s Operation over Backplane and Copper Cables	Law	0	02:14 PM

Approved with approval of agenda.

# See slides 6 – 8 of 802d3\_0716\_closing\_EC\_consent.pdf (attached).

5.082     ME*     PAR to NesCom - IEEE P802.3.2 (IEEE 802.3cf) Ethernet YANG data model definitions	Law	0	02:14 PM
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Approved with approval of agenda.

See slides 9 – 11 of 802d3\_0716\_closing\_EC\_consent.pdf (attached).

:	5.083	ME*	To RevCom - IEEE P802.3bn EPON Protocol over Coax (EPoC)	Law	0	02:14 PM
A	pproved	with a	ipproval of agenda.			

See slides 2 – 5 of 802d3\_0716\_closing\_EC\_consent.pdf (attached).

	5.084	ME	To RevCom - IEEE P802.3bz 2.5G/5GBASE-T (conditional)	Law	0	02:14 PM
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Time: 1:50

Law presented slides 6 – 9 of 802d3\_0716\_closing\_EC.pdf (attached).

	The IEEE 802 LMSC Executive Committee confirms the IEEE P802.3bz 2.5G/5GBASE-T PHY
* Motion #13	CSD responses available at the URL
101011 #13	<http: 3="" 802d3_ngeabt_csd_802.3_wg_approved_12-march-15.pdf="" bz="" ieee802.org=""> and</http:>
	grants conditional approval to forward IEEE P802.3bz to RevCom
Moved	Law
Second	DAmbrosia
Results	Passes by voice vote without objection
Motion	Passes
Reference	5.084

5.085	To Sponsor Ballot: IEEE P802.3bv Gigabit Ethernet Over Plastic Optical Fiber (PoF)	Law	3	02:14 PM	
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Law presented slides 2 – 5 of 802d3\_0716\_closing\_EC.pdf (attached).

* Motion #14	The IEEE 802 LMSC Executive Committee confirms the IEEE P802.3bv Gigabit Ethernet Over Plastic Optical Fiber CSD responses available at the URL < <u>http://ieee802.org/3/bv/CSD_GEPOF_1114.pdf</u> > and grants approval to forward IEEE P802.3bv to Sponsor ballot
Moved	Law
Second	DAmbrosia
Results	Passes by voice vote without objection
Motion	Passes
Reference	5.085

5.09	ME	IEEE 802.11	Stephens		02:17 PM
5.091	MI*	To NesCom (PAR Extension) - TGmc • Approve sending the PAR extension information for P802.11REVmc cited below to NesCom. – PAR document: https://mentor.ieee.org/802.11/dcn/16/11-16-0978-01-000m- tgmc-par-extension-document.docx – CSD document: Revision/not applicable	Stephens	0	02:17 PM

Approved with approval of agenda.

See Slides 33 and 34 of 11-16-0788-04-0000-july-2016-wg-motions (attached).

5.092 MI*	5.092
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#### See Slides 35 and 36 of 11-16-0788-04-0000-july-2016-wg-motions (attached).

5.093	To NesCom (PAR Extension) - TGai         Approve sending the PAR extension information for P802.11ai cited below to         NesCom.         • PAR document: https://mentor.ieee.org/802.11/dcn/16/11-16-0991-00-00ai-tgai-         par-extension-request.docx         • 5C document: https://mentor.ieee.org/802.11/dcn/10/11-10-1153-00-0fia-fast-         initial-link-set-up-5c.doc	Stephens	0	02:17 PM
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Approved with approval of agenda.

See Slides 37 and 38 of 11-16-0788-04-0000-july-2016-wg-motions (attached).

5.094 M	To NesCom (PAR Extension) - • TGaj         Approve sending the PAR extension information for P802.11aj cited below to         NesCom.         MI*       - PAR document: https://mentor.ieee.org/802.11/dcn/16/11-16-0987-01-00aj-tgaj-         par-extension.docx       - 5C document: https://mentor.ieee.org/802.11/dcn/12/11-12-0141-07-cmmw-ieee-         802-11-cmww-sg-5c.doc       Stephene	5 0	02:17 PM
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Approved with approval of agenda.

#### See Slides 39 and 40 of 11-16-0788-04-0000-july-2016-wg-motions (attached).

5.095	MI*	To NesCom (PAR Extension) - • TGak Approve sending the PAR extension information for P802.11ak cited below to NesCom. - PAR document: https://mentor.ieee.org/802.11/dcn/16/11-16-0983-00-00ak-tgak- par-extension.docx - 5C document: https://mentor.ieee.org/802.11/dcn/12/11-12-1208-00-0glk-802-11- glk-draft-5c.docx	Stephens	0	02:17 PM
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Approved with approval of agenda.

#### See Slides 41 and 42 of 11-16-0788-04-0000-july-2016-wg-motions (attached).

5.096	To NesCom (PAR Extension) - • TGaq Approve sending the PAR extension information for P802.11aq cited below to NesCom. MI* - PAR document: https://mentor.ieee.org/802.11/dcn/16/11-16-0975-01-00aq-par- extension-form.docx - 5C document: https://mentor.ieee.org/802.11/dcn/12/11-12-1137-06-0pad-draft-5c- proposal.doc	Stephens	0	02:17 PM
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Approved with approval of agenda.

See Slides 43 and 44 of 11-16-0788-04-0000-july-2016-wg-motions (attached).

5.097

3

Time: 1:58pm

MI

Stephens presented Slide 47 of 11-16-0788-04-0000-july-2016-wg-motions (attached).

Stephens presented slides from 11-16-1026-01-00aq-report-to-ec-on-conditional-approval-for-sponsor-ballot 6 – 16/1026r1.pdf (attached).

* Motion #15	Grant conditional approval to forward P802.11aq to Sponsor Ballot.
Moved	Stephens
Second	Rosdahl
Results	Approved by voice voite without objection
Motion	Passes
Reference	5.097

6.00		Executive Committee Study Groups, Working Groups, TAGs			02:20 PM
<del>6.01</del>	<del>MI</del>	IEEE 802.15	Heile	-	02:20 PM
<del>6.02</del>	<del>MI</del>	IEEE 802.16	Marks	-	02:20 PM
<del>6.03</del>	<del>MI</del>	IEEE 802.18	Kennedy	-	<del>02:20 PM</del>
6.04		IEEE 802.19			02:20 PM
6.041	MI*	1st Extension: IEEE 802.19 Wireless Automotive Coexistence Study Group	Shellhammer	0	02:20 PM

Approved with approval of agenda.

# See Slide #2 of ec-16-0130-00-00EC-802-19-ec-motions.pdf (attached).

<del>6.05</del>	_	IEEE 802.21	Mody	-	02:20 PM
<del>6.06</del>	-	IEEE 802.22	<del>Das</del>	-	02:20 PM
6.07	MI	IEEE 802.24	Godfrey		02:20 PM

Error in agenda – there was no agenda item.

<del>6.08</del>	<del>MI</del>	IEEE 802.1	Parsons	-	<del>02:20 PM</del>
6.09		IEEE 802.3			02:20 PM
6.091	MI*	1st extension: IEEE 802.3 Ethernet YANG Data Model(s) Study Group	Law	0	02:20 PM

Approved with approval of agenda.

# See Slide #12 and 13 802d3\_0716\_closing\_EC\_consent.pdf (attached).

6.092	MI	SG Formation: IEEE 802.3 10 Mb/s Single Twisted Pair Ethernet Study Group	Law	3	02:20 PM			
Timo 2.02	Time 2:02nm							

Time 2:02pm

Law presented Slide 10 and 11, 802d3\_0716\_closing\_EC.pdf (attached).

* Motion #16	The IEEE 802 LMSC Executive Committee grants approval for the formation a Study Group to develop a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for 10Mb/s Single Twisted Pair Ethernet including optional power within IEEE 802.3.
Moved	Law
Second	DAmbrosia
Results	Approved by voice vote without objection
Motion	Passes
Reference	6.092

6.10	MI	IEEE 802.11			02:23 PM
6.101	MI*	1st extension: 802.11 Wake Up Radio Study Group (WUR SG)	Stephens	0	02:23 PM

Approved with approval of agenda.

#### See slides 45 and 46 of 11-16-0788-04-0000-july-2016-wg-motions.pdf (attached).

7.00		LMSC Liaisons and External Communications			02:23 PM
<del>7.01</del>	ME	IEEE 802.15	Heile		02:23 PM
<del>7.02</del>	ME	<del>IEEE 802.16</del>	<del>Marks</del>	-	02:23 PM
7.03	ME	IEEE 802.18			02:23 PM
7.031	ME	Approve https://mentor.ieee.org/802.18/dcn/16/18-16-0062-02-0000-itu-r-5-1- liaison-was-rlan-considered-in-57-71-ghz.docx as our liaison to ITU-R WP5A, and forward to the IEEE 802 ITU-R Liaison for final editing and formatting, and transmittal to WP5A.	Kennedy	10	02:23 PM

Time: 2:06pm

It was noted by the recording secretary that these item had been on the consent agenda, and had been requested by Marks that it be taken off the consent agenda.

Kennedy showed letter 18-16-0062-02-0000-itu-r-5-1-liaison-was-rlan-considered-in-57-71-ghz.pdf (attached).

Marks noted that there is no rush to submit this letter, and wished to see the response further reviewed. It was noted that the TAG vote to approve it was 8-0-0. Others noted that a response was not time critical, and indicated their preference to carefully review the response further.

* Motion #17	Approve https://mentor.ieee.org/802.18/dcn/16/18-16-0062-02-0000-itu-r-5-1-liaison-was-rlan- considered-in-57-71-ghz.docx as our liaison to ITU-R WP5A, and forward to the IEEE 802 ITU-R Liaison for final editing and formatting, and transmittal to WP5A.
Moved	Kennedy
Second	Rosdahl
Results	0-11-3
Motion	Fails
Reference	7.031

Kennedy indicated he understood the concerns and asked for the support of those individuals who expressed their concern.

#### Action item – Interested EC Members to help Kennedy revise proposed liaison letter

7.04		IEEE 802.19			02:33 PM
7.041	ME	Liaison to 3GPP on LAA	Shellhammer	5	02:33 PM

Time: 2:21pm

Shellhammer presented Slides 3 - 4 from ec-16-0130-00-00EC-802-19-ec-motions.pdf (attached).

It was noted that there was renegade "A's" in the document

#### Action Item – Parsons to provide editorial support for liaison.

* Motion #18	Move that liaison document IEEE 802.19-16/109r8, with appropriate editorial changes, be send to 3GPP RAN/RAN1 as a Liaison Statement
Moved	Shellhammer
Second	Das
Results	Passed by voice vote without objection
Motion	passes
Reference	7.041

	7.042	ME	Revision of 3GPP Liaison Approval Process	Shellhammer	5	02:38 PM
Shellhammer presented slides 5, 6 , 7 from ec-16-0130-00-00EC-802-19-ec-motions.pdf (attached).						

Shellhammer presented slides from 19-14-0089-02-0000-liaison-approval-process.pdf (attached).

Discussion regarding the rules on liaison letters. Gilb indicated that there are no rules regarding liaisons, but there are regarding public statements, to government bodies. Reference 802 P&P 8.3.2.

Further discussion on the topic continued.

Action Item – Gilb – determine in Chair's Guideline how to resolve how to progress documents, including liaisons, from subgroups of the sponsor and the sponsor.

* Motion #19	Move to approve document IEEE 802.19-14/89r2 as the process for approving liaisons to 3GPP on LAA
Moved	Shellhammer
Second	Das
Results	2-11-1
Motion	Fails
Reference	7.042

<del>7.05</del>	ME	IEEE 802	Nikolich	-	02:43 PM
7.06	ME	IEEE 802.21	Das		02:43 PM
7.061	ME*	Motion Submission of Draft IEEE Std 802.21-revision and Draft IEEE Std 802.21.1 to ISO/IEC JTC1 SC6 for information under the PSDO agreement.	Das	0	02:43 PM

See slides 17 – 19 from 21-16-0094-00-0000-July-EC-meeting\_Package\_for\_IEEE802.21.pdf (attached).

Chair called for a 10 min break @ 2:44pm.

Reconvened at 2:57pm

7.07			IEEE 802.22			02:43 PM
7.071	N	ME	Approval to forward the 802.22a and 802.22 ISO Ballot Comment Resolutions	Heile	3	02:43 PM

Time: 2:57pm

Heile showed slide 2 from 22-16-0020-00-0000-802-22-July-Plenary-EC-Closing-Motions.pdf (attached)

Myles showed slides from 11-16-0761-03-0jtc-ieee-802-jtc1-sc-agenda-for-july-2016 (attached). Proposed comments - 65, 68, 69, 71, Proposed responses 73, 74, 76, and 78. The 802.22 WG met via Telecon 7/22, vote was 6-0-1.

It was noted that a WG cannot meet electronically, as well as not meeting at the July 2016 Plenary. There was debate whether the response should be held up on procedural issues, but it was noted that there was no urgent need. There was concern expressed over the behavior of the 802.22 WG. It was asked whether 802.22 would be meeting in November, but it was unclear. The website notes that the 802.22 WG was supposed to be meeting at the July Plenary

* Motion #20	EC Approves forwarding of the IEEE Std. 802.22a-2014 and IEEE Std. 802.22b-2015 Comment Resolutions Responses for the FDIS 60 Day Ballots as contained in Document: <u>11-16-0761-03-</u> <u>Ojtc-ieee-802-jtc1-sc-agenda-for-july-2016.pptx</u> , on Slides 65, 68, 69, 71, 73, 74, 76, and 78 to ISO/IEC/JTC1
Moved	Heile
Second	Das
Results	3-9-1
Motion	Fails
Reference	7.071

Chair asked EC what guidance should be provided to 802.22 to resolve this issue.

#### Action Item – IEEE 802 Chair to resolve the perception of poor working group management of 802.22WG with the WG Chair..

Mr. Thompson acknowledged his success as being the only chair to navigate a downward spiral of a WG.

<del>7.08</del>	ME	IEEE 802.24	-	<del>02:46 PM</del>
7.09		IEEE 802.1		02:46 PM

7.091	ME	Approve the following to SC6 - IEEE P802.1AEcg, P802.1Qci, P802.1CB, and P802d to SC6 for information under PSDO - FDIS comment responses for IEEE Stds 802.1Qbv-2015, 802.1AB-2016 and 802.1Qca-2015. to SC6 under PSDO - IEEE 802.1Qcd-2015 to SC6 for adoption under PSDO	Parsons	5	02:46 PM
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Time: 3:19pm

Parsons showed slides 20 – 21 from ec-16-0134-00-00EC-802-1-ec-motions (attached).

* Motion #21	EC approves forwarding to ISO/IEC JTC1 SC6 under the PSDO agreement: – P802.1AEcg, P802.1Qci, P802.1CB, P802d for information – 60-day ballot responses on 802.1Qbv-2015, 802.1AB-2016 and 802.1Qca-2015 – IEEE Std 802.1Qcd for adoption
Moved	Parsons
Second	Thaler
Results	Approved by voice vote without objection
Motion	Passes
Reference	7.091

7.092	Liaisons: - - 802.1 to ITU-T SG15 LS 332 on P802.1CM synchronization - 802.1 to ITU-T SG15 LS353 & LS 362 on UML - 802.1 to IEC SC65C WG15 on P802.1CB - 802.1 to IEEE 1914 on P802.1CM - 802.1 to 3GPP RAN3 on P802.1CM - 802.1 to AVnu Alliance on TSN features - 802.1 & 802.24 to IEEE PES PSRC on TSN features - 802.1 to IETF on YANG - 802.1 & 802.15 to WFA on 64bit-48bit bridging - 802.1 to IETF on NV03	Parsons	5	02:51 PM	
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Parsons showed slides 25 – 35 from ec-16-0134-00-00EC-802-1-ec-motions (attached).

7.10	ME	IEEE 802.3			02:56 PM
<del>7.101</del>	-	Submission of IEEE Std 802.3by-2016, IEEE Std 802.3bq-2016, IEEE Std 802.3bp-2016 and IEEE Std 802.3br-2016 for adoption by ISO/IEC JTC1 SC6	Law	-	02:56 PM
7.102	ME	Liaison letter to ISO/IEC JTC1 SC6 China NB Comments on IEEE Std 802.3- 2015 pre-ballot	Law	3	02:56 PM

Time: 3:25

Law showed proposed letter, ec-16-0131-00-00EC-liaison-letter-to-iso-iec-jtc1-sc6-china-nb-comment-on-ieee-std-802-3-2015-pre-ballot.pdf. (attached)

Law noted that because this is a letter written under the PSDO agreement, the letter was brought to the EC for approval. Gilb noted that per his earlier action item he would be reviewing the rules regarding liaison / statement approval. Myles noted that under this agreement 802 agreed to respond to comments, and responses could come from the WG Chair. It was questioned that there was precedence for how this was being handled, but the process needed to be reviewed.

* Motion #22	Approve the liaison letter from the IEEE 802.3 working group to ISO/IEC JTC1 SC6 in respect to the China NB comments on the IEEE Std 802.3-2015 pre-ballot that can be found at the URL <a href="https://mentor.ieee.org/802-ec/dcn/16/ec-16-0131-00-00EC-liaisonletter-to-iso-iec-jtc1-sc6-china-nb-comment-on-ieee-std-802-3-2015-pre-ballot.pdf">https://mentor.ieee.org/802-ec/dcn/16/ec-16-0131-00-00EC-liaisonletter-to-iso-iec-jtc1-sc6-china-nb-comment-on-ieee-std-802-3-2015-pre-ballot.pdf</a>
Moved	Law
Second	Dambrosia
Results	Approved by voice vote without objection
Motion	passes
Reference	7.102

7.11		IEEE 802.11			02:59 PM
7.111	ME*	Move to liaise the following drafts to ISO/IEC JTC1/SC6 under the PSDO agreement: • P802.11 (revision mc D6.0) • P802.11ah (D8.0) • P802.11ai (D8.0)	Stephens	0	02:59 PM

#### See slide 48 from 11-16-0788-04-0000-july-2016-wg-motions.pdf (attached).

7.112 ME Liaison of P802.11ah D9.0 and P802.11ai D9.0 to ISO/IEC JTC1/SC6 under the PSDO agreement:	Stephens	3	02:59 PM
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Time: 3:33pm

#### Stephens presented Slide 49 from 11-16-0788-04-0000-july-2016-wg-motions.pdf (attached).

* Motion #23	Move to liaise the following drafts to ISO/IEC JTC1/SC6 under the PSDO agreement, conditional on a passing sponsor ballot recirculation: P802.11ah (D9.0) P802.11ai (D9.0)
Moved	Stephens
Second	Gilb
Results	Passed by voice vote without objections
Motion	Passes
Reference	7.112

8.00		Information Items			03:12 PM
8.01	II	IEEE 802 / SA Task Force Report	Nikolich	5	03:12 PM

Time: 3:38pm

Nikolich gave a verbal update. Due to inclusion of flipcharts, it was asked if there were any objections to taking pictures of the flipcharts. There were no objections. Presentation of chair and flipcharts shown in ec-16-0138-00-00EC-ieee-802-sa-task-force-report.pdf (attached). of the flipchart shown below.

<del>8.02</del>	Ħ	IEEE SA Staff Reports	-	-	03:17 PM
8.03		Standing Committee Reports			03:17 PM
8.031	ME*	802 / JTC1 SC: Motion: the approval of 11-16-0817-01, https://mentor.ieee.org/802.11/dcn/16/11-16-0817-01-0jtc-proposed-lc-to- sc6-wg1.docx, as response to the liaison statement from ISO/IEC JTC1/SC6/WG1 (doc: SC6_WG1_N0046) dated 16 March 2016.	Myles	0	03:17 PM

Question was asked regarding the cancellation of the tutorial session at the July 2016 Plenary on IEEE-SA tools. Jonathan Goldberg provided an update. Rosdahl provided further clarification. The IEEE-SA software upgrade of their on-line tool suite is significantly behind schedule, so the tutorial that was cancelled. A new schedule is being developed and a tutorial will be provided at the Plenary before the tool is rolled at the next Plenary session.

8.032	П	802 / ITU SC Report	Pa	arsons	2	03:17 PM
Time: 3.4	Inm					

Time: 3:41pm

Parsons presented the following slide -

	26
Mentor DCN: EC-16-0120-00-INTL	7/27/2016

# Summary

- 802 has no specific comments on new TSAG process documents
- Added "numbering" to the IEEE 802/IETF collaboration team agenda
- 802 is interested in reviewing IEEE-SA proposed contributions for WTSA
- Future update will include calendar of all upcoming ITU conferences

8.033 MI 802 5G/IMT-2020 SC Report	Parsons	15	03:19 PM
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Time: 3:45pm

Parsons presented slides from ec-16-0132-01-5GSG-5g-sc-closing-status-for-ec.pdf (attached) and ec-16-0119-01-5GSG-report-ieee-802-ec-5g-imt-2020-sc (attached).

'The Chair acknowledged the great job Parsons did leading the Standing Committee, the EC agreed and applauded him for his effort.

* Motion #24	EC accepts the report of the EC 5G/IMT-2020 SC (EC-16-119-01) and endorses its conclusion and recommendation
Moved	Parsons
Second	Marks
Results	12-0-2
Motion	Passes
Reference	8.033

Discussion regarding Motion #21, including discussion regarding industry connections activities.

8.034 II 8027 IETF SC Report Thater 5 03:34 PM	8.034	Π	802 / IETF SC Report	Thaler	5	
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Time: 4:26 pm

Thaler presented slides from IETF-SC-closing-1607.pdf (attached).

## Action Item – Thaler to poll EC to find a better time for 802 / IETF SC Meeting time.

8.035 II 802 Wireless Chairs SC Report	Heile	5	03:39 PM
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No update necessary. It was noted that a closing agenda item to cover this topic in the future is not necessary.

The Chair asked Kennedy if any objections to Thaler addressing Item 8.041 before 8.036. There were no objections.

8.04		Officers Reports			03:49 PM
8.041	II	1st Vice Chair Report (Mid week Remote Meeting Participation Ad Hoc Update)	Thaler	5	03:49 PM

Time: 4:33pm

Thaler presented slides from 1st-vice-chair-report-1607.pdf (attached).

Thaler asked the EC whether further investigation into this concept should be pursued. There was a lot of concern expressed regarding the cost. Thaler felt, based on the feedback, this should not be pursued further.

"Consent Agenda" discussion - this week's experiment showed the need to have more organized approach to submitting requests for trial effort. Recording Secretary indicated that this meeting cycle had been one of the most challenging to prepare as there was general confusion regarding requesting agenda items for the Closing meeting.

#### Action Item – Thaler / DAmbrosia to work offline on submitting agenda item request.

8.036IIRegulatory reportKennedy503:44 PM
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Time: 3:41pm

#### Kennedy gave a verbal update of 18-16-0063-00-0000-july-2016-closing-report.pdf (attached).

8.042	п	2nd Vice Chair Report	Gilb	5	03:54 PM
Time: 5:00	Opm				

Gilb requested that changes to rules should be provided at least 30 days in advance, except changes to the chair's guidelines.

8.043	п	Treasurer's Report	Chaplin	15	03:59 PM
T:	4				

Time: 5:01pm

Chaplin presented slides from ec-16-0129-01-00EC-2016-07-29-treasurer-report.pdf (attached).

8.044	п	Executive secretary report	Rosdahl	5	04:14 PM			

Time: 3:41pm

Rosdahl presented Slide 20 from ec-16-0117-02-00EC-executive-secretary-agenda-items-july-2016-plenary.pdf (attached).

Rosdahl address agenda item 8.06 and showed slide 21 from ec-16-0117-02-00EC-executive-secretary-agenda-items-july-2016-plenary.pdf (attached).

8.045	п	Recording Secretary Report (Requesting Agenda Items)	D'Ambrosia	5	04:19 PM
Time E.1	lnm				

Time: 5:14pm

#### Addressed during EC 1<sup>st</sup> Vice Chair Report.

8.0451	DT	Motion Template File	Stephens	6	04:24 PM	

Stephens showed an 802.11 template file. General discussion.

Action Item – DAmbrosia / Stephens / Marks / Thaler to develop a motion template file that contains common different motions used in the EC.

8.046 II* Appeals report -No items to report	D'Ambrosia	0	04:24 PM
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8.05     II     Network Services report     Verilan     2     04:24 PM
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Time: 3:41pm

Rosdahl presented network services report, ec-16-0139-00-00EC-network-report-july-2016-plenary-san-diego.pdf (attached).

	8.06	п	Announcement of 802 EC Interim Telecon (Tuesday 4 Oct 2016, 1-3pm ET)	Rosdahl	2	04:26 PM
-	Timo: 2.11	1.0.00				

Time: 3:41pm

#### Presented during earlier report

		8.07	II*	Call for Tutorials for Nov 2016 Plenary (Monday 07 Nov, 2016)	Rosdahl	0	04:28 PM
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See slide 22 from ec-16-0117-02-00EC-executive-secretary-agenda-items-july-2016-plenary.pdf (attached).

#### News from the RAC - 802.1ac got its EtherType

10.00	<b>H</b> *	ADJOURN SEC MEETING	Nikolich	0	06:00 PM
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Meeting adjourned at 5:32pm

## **Action Item Summary**

Item 3.0 - Thompson and Rosdahl to research the 802 historical record to determine if the July 2016 Session is indeed the 113<sup>th</sup> Session as the Chart asserted

Item 4.01 - Stanley to bring text noted on Monday (policy language for Chair's Guidelines, regarding submission of documents that will be considered by the EC, including location on Mentor) to Oct Teleconference

Item 5.022 - Nikolich – add 802.17 standards to be put on the next IEEE SASB/RevCom agenda for "transfer to inactive status"

Item 7.041 – Parsons to provide editorial support for liaison.

Item 7.042 - Gilb – determine in Chair's Guideline how to resolve how to progress documents, including liaisons, from subgroups of the sponsor and the sponsor.

Item 8.034 - Thaler to poll EC to find a better time for 802 / IETF SC Meeting time.

Item 8.041 - Thaler / DAmbrosia to work offline on submitting agenda item request.

Item 8.0451 - DAmbrosia / Stephens / Marks / Thaler to develop a motion template file that contains common different motions used in the EC.

# **Motion Summary**

Consent Agenda

5.011	ME*	To Sponsor Ballot (unconditional) - 802.15.3e High Rate Close	Heile
	ME*	Proximity	Heile
5.012	ME*	To Sponsor Ballot (conditional) - 802.15.4t Higher Rate PHY	Heile
5.013	ME*	To RevCom (conditional) - 802.15.4u India SubGHz Band	Heile
5.014	ME*	To NesCom (PAR Modification) - 802.15.7 title change	Heile
5.015	ME*	To NescCom (PAR Extension) - One Year PAR Extension	Heile
5.021	ME*	To RevCom (Transfer to inactive status) - IEEE 802.17:2011	Law
5.081	ME*	PAR (Modification) to NesCom IEEE P802.3cb 2.5 Gb/s and 5 Gb/s Operation over Backplane and Copper Cables	Law
5.082	ME*	PAR to NesCom - IEEE P802.3.2 (IEEE 802.3cf) Ethernet YANG data model definitions	Law
5.083	ME*	To RevCom - IEEE P802.3bn EPON Protocol over Coax (EpoC) – Draft has not changed since last Balloted version	Law
5.091	MI*	To NesCom (PAR Extension) - TGmc • Approve sending the PAR extension information for P802.11REVmc cited below to NesCom. – PAR document: https://mentor.ieee.org/802.11/dcn/16/11-16-0978-01- 000m-tgmc-par-extension-document.docx – CSD document: Revision/not applicable	Stephens
5.092	MI*	To NesCom (PAR Extension) - TGah Approve sending the PAR extension information for P802.11ah cited below to NesCom. - PAR document: https://mentor.ieee.org/802.11/dcn/16/11-16-0863-01- 00ah-tgah-par-extension.docx - CSD document: https://mentor.ieee.org/802.11/dcn/14/11-14-0591-00- 00ah-tgah-revised-csd.docx	Stephens
5.093	MI*	To NesCom (PAR Extension) - TGai Approve sending the PAR extension information for P802.11ai cited below to NesCom. - PAR document: https://mentor.ieee.org/802.11/dcn/16/11-16-0991-00-00ai- tgai-par-extension-request.docx - 5C document: https://mentor.ieee.org/802.11/dcn/10/11-10-1153-00-0fia- fast-initial-link-set-up-5c.doc	Stephens
5.094	MI*	To NesCom (PAR Extension) - • TGaj Approve sending the PAR extension information for P802.11aj cited below to NesCom. - PAR document: https://mentor.ieee.org/802.11/dcn/16/11-16-0987-01- 00aj-tgaj-par-extension.docx - 5C document: https://mentor.ieee.org/802.11/dcn/12/11-12-0141-07- cmmw-ieee-802-11-cmww-sg-5c.doc	Stephens
5.095	MI*	To NesCom (PAR Extension) - • TGak Approve sending the PAR extension information for P802.11ak cited below to NesCom. - PAR document: https://mentor.ieee.org/802.11/dcn/16/11-16-0983-00- 00ak-tgak-par-extension.docx	Stephens

		- 5C document: https://mentor.ieee.org/802.11/dcn/12/11-12-1208-00-0glk- 802-11-glk-draft-5c.docx	
5.096	MI*	To NesCom (PAR Extension) - • TGaq Approve sending the PAR extension information for P802.11aq cited below to NesCom. - PAR document: https://mentor.ieee.org/802.11/dcn/16/11-16-0975-01- 00aq-par-extension-form.docx - 5C document: https://mentor.ieee.org/802.11/dcn/12/11-12-1137-06-0pad- draft-5c-proposal.doc	Stephens
6.041	MI*	1st Extension: IEEE 802.19 Wireless Automotive Coexistence Study Group	Shellhammer
6.091	MI*	1st extension: IEEE 802.3 Ethernet YANG Data Model(s) Study Group	Law
6.101	MI*	1st extension: 802.11 Wake Up Radio Study Group (WUR SG)	Stephens
7.061	ME*	Motion Submission of Draft IEEE Std 802.21-revision and Draft IEEE Std 802.21.1 to ISO/IEC JTC1 SC6 for information under the PSDO agreement.	Das
7.111	ME*	Move to liaise the following drafts to ISO/IEC JTC1/SC6 under the PSDO agreement: • P802.11 (revision mc D6.0) • P802.11ah (D8.0) • P802.11ai (D8.0)	Stephens
8.031	ME*	802 / JTC1 SC: Motion: the approval of 11-16-0817-01, https://mentor.ieee.org/802.11/dcn/16/11-16-0817-01-0jtc-proposed-lc-to- sc6-wg1.docx, as response to the liaison statement from ISO/IEC JTC1/SC6/WG1 (doc: SC6_WG1_N0046) dated 16 March 2016.	Myles

* Motion #1	Move to approve the modified agenda
Moved	DAmbrosia
Second	Das
Results	14-0-0
Motion	Passes
Reference	Agenda Item #2.00

* Motion #2	To declare the July 2016 802 Plenary Session as the 113 <sup>th</sup> Session
Moved	Marks
Second	Heile
Results	5-8-1
Motion	Fails
Reference	Agenda Item #3.00

* Motion #3	<ul> <li>This motion is brought under the process described in the subclause "Revision of the IEEE 802 LMSC Working Group Policies and Procedures" of the IEEE 802 LMSC Working Group Policies and Procedures.</li> <li>IEEE 802 EC approves IEEE_802_WG_PandP_v18.3.doc (to be renumbered as v19) with the word "scheduled" changed to "announced" in subclause 6.6 as the new IEEE 802 LMSC Working Group Policies and Procedures</li> </ul>
Moved	Gilb
Second	DAmbrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.01

* Motion #4	<ul> <li>This motion is brought under the process described in the subclause "Revision of the IEEE 802 LMSC OM" of the IEEE 802 LMSC Operation Manual.</li> <li>IEEE 802 EC approves IEEE_802_OM_v18.2.pdf (to be renumbered as v19) as the new IEEE 802 LMSC Operations Manual</li> </ul>
Moved	Gilb
Second	DAmbrosia
Results	14-0-0
Motion	Passes
Reference	Agenda Item #4.01

* Motion #5	Forward IEEE P802.21-revision for Sponsor Ballot
Moved	Das
Second	Shellhammer
Results	Passed by voice vote without ojbection
Motion	Passes
Reference	5.051

* Motion #6	Approve the CSD (http://www.ieee802.org/21/802_21_1_5C.pdf) and forward IEEE P802.21.1 for Sponsor Ballot
Moved	Das
Second	Shellhamer
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.051

* Motion #7	<ul> <li>n EC approves to forward the maintenance PAR for 802.1Q-Rev (Bridges and Bridged Networks) to NesCom</li> <li>n PAR: <u>http://www.ieee802.org/1/files/public/docs2016/q-messenger-draft-revision-par-0716-v01.pdf</u></li> </ul>
Moved	Parsons
Second	Thaler
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.071

	EC confirms the PAR and CSD
* Motion #8	n http://www.ieee802.org/1/files/public/docs2014/cg-draft-aecg-csd-0714-v3.pdf
	And forwards P802.1AEcg to Sponsor ballot.
Moved	Parsons
Second	Thaler
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.072

* Motion #9	<ul> <li>n EC confirms the PAR and CSD and conditionally approves to forward P802.1Qci, Per- Stream Filtering and Policing, to Sponsor Ballot.</li> <li>PAR: <u>https://development.standards.ieee.org/get-</u><u>file/P802.1Qci.pdf?t=86069100003</u></li> <li>CSD: <u>http://www.ieee802.org/1/files/public/docs2015/new-nfinn-input-gates-csd-0115-v03.pdf</u></li> </ul>
Moved	Parsons
Second	Thaler
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.073

* Motion #10	<ul> <li>n EC confirms the PAR and CSD and conditionally approves to forward P802d, Allocation of Uniform Resource Name (URN) values in IEEE 802 standards, to Sponsor Ballot.</li> <li>PAR: <u>http://www.ieee802.org/1/files/public/docs2015/new-parsons-URN-Namespace-PAR-1115-v01.pdf</u></li> <li>CSD: <u>http://www.ieee802.org/1/files/public/docs2015/new-parsons-URN-Namespace-CSD-1115.pdf</u></li> </ul>
Moved	Parsons
Second	Thaler
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.074
* Motion #11	<ul> <li>n EC confirms the PAR and 5C and conditionally approval to forward P802.1CB, Frame Replication and Elimination for Reliability, to Sponsor Ballot.</li> <li>PAR: <u>https://development.standards.ieee.org/P828000033/par</u></li> <li>5C: <u>http://www.ieee802.org/1/files/private/cb-drafts/d2/802-1CB-d2-5.pdf</u></li> </ul>
Moved	Parsons
Second	Thaler
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.075

* Motion #12	EC confirms the PAR and conditionally approves to forward P802.1AC-Rev to RevCom:
Moved	Parsons
Second	Thaler
Results	Passed by voice vote without objection
Motion	Passes
Reference	5.076

* Motion #13	The IEEE 802 LMSC Executive Committee confirms the IEEE P802.3bz 2.5G/5GBASE-T PHY
	CSD responses available at the URL
	<http: 3="" 802d3_ngeabt_csd_802.3_wg_approved_12-march-15.pdf="" bz="" ieee802.org=""> and</http:>
	grants conditional approval to forward IEEE P802.3bz to RevCom
Moved	Law
Second	DAmbrosia
Results	Passes by voice vote without objection
Motion	Passes
Reference	5.084

* Motion #14	The IEEE 802 LMSC Executive Committee confirms the IEEE P802.3bv Gigabit Ethernet Over
	Plastic Optical Fiber CSD responses available at the URL
	< <u>http://ieee802.org/3/bv/CSD_GEPOF_1114.pdf</u> > and grants approval to forward IEEE
	P802.3bv to Sponsor ballot
Moved	Law
Second	DAmbrosia
Results	Passes by voice vote without objection
Motion	Passes
Reference	5.085

* Motion #15	Grant conditional approval to forward P802.11aq to Sponsor Ballot.
Moved	Stephens
Second	Rosdahl
Results	Approved by voice voite without objection
Motion	Passes
Reference	5.097

* Motion #16	The IEEE 802 LMSC Executive Committee grants approval for the
	formation a Study Group to develop a Project Authorization Request (PAR) and Criteria for
	Standards Development (CSD) responses for 10Mb/s Single Twisted Pair Ethernet including
	optional power within IEEE 802.3.
Moved	Law
Second	DAmbrosia
Results	Approved by voice vote without objection
Motion	Passes
Reference	6.092

* Motion #17	Approve https://mentor.ieee.org/802.18/dcn/16/18-16-0062-02-0000-itu-r-5-1-liaison-was-rlan- considered-in-57-71-ghz.docx as our liaison to ITU-R WP5A, and forward to the IEEE 802 ITU-R Liaison for final editing and formatting, and transmittal to WP5A.
Moved	Kennedy
Second	Rosdahl
Results	0-11-3
Motion	Fails
Reference	7.031

* Motion #18	Move that liaison document IEEE 802.19-16/109r8, with appropriate editorial changes, be send to 3GPP RAN/RAN1 as a Liaison Statement
Moved	Shellhammer
Second	Das
Results	Passed by voice vote without objection
Motion	passes
Reference	7.041

* Motion #19	Move to approve document IEEE 802.19-14/89r2 as the process for approving liaisons to 3GPP on LAA
Moved	Shellhammer
Second	Das
Results	2-11-1
Motion	Fails
Reference	7.042

* Motion #20	EC Approves forwarding of the IEEE Std. 802.22a-2014 and IEEE Std. 802.22b-2015 Comment Resolutions Responses for the FDIS 60 Day Ballots as contained in Document: <u>11-16-0761-03-</u> <u>Ojtc-ieee-802-jtc1-sc-agenda-for-july-2016.pptx</u> , on Slides 65, 68, 69, 71, 73, 74, 76, and 78 to ISO/IEC/JTC1
Moved	Heile
Second	Das
Results	3-9-1
Motion	Fails
Reference	7.071

* Motion #21	EC approves forwarding to ISO/IEC JTC1 SC6 under the PSDO agreement: – P802.1AEcg, P802.1Qci, P802.1CB, P802d for information – 60-day ballot responses on 802.1Qbv-2015, 802.1AB-2016 and 802.1Qca-2015 – IEEE Std 802.1Qcd for adoption
Moved	Parsons
Second	Thaler
Results	Approved by voice vote without objection
Motion	Passes
Reference	7.091

* Motion #22	Approve the liaison letter from the IEEE 802.3 working group to ISO/IEC JTC1 SC6 in respect to the China NB comments on the IEEE Std 802.3-2015 pre-ballot that can be found at the URL <a href="https://mentor.ieee.org/802-ec/dcn/16/ec-16-0131-00-00EC-liaisonletter-to-iso-iec-jtc1-sc6-china-nb-comment-on-ieee-std-802-3-2015-pre-ballot.pdf">https://mentor.ieee.org/802-ec/dcn/16/ec-16-0131-00-00EC-liaisonletter-to-iso-iec-jtc1-sc6-china-nb-comment-on-ieee-std-802-3-2015-pre-ballot.pdf</a>
Moved	Law
Second	Dambrosia
Results	Approved by voice vote without objection
Motion	passes
Reference	7.102

* Motion #23	Move to liaise the following drafts to ISO/IEC JTC1/SC6 under the PSDO agreement, conditional on a passing sponsor ballot recirculation: P802.11ah (D9.0) P802.11ai (D9.0)
Moved	Stephens
Second	Gilb
Results	Passed by voice vote without objections
Motion	Passes
Reference	7.112

* Motion #24	EC accepts the report of the EC 5G/IMT-2020 SC (EC-16-119-01) and endorses its conclusion and recommendation
Moved	Parsons
Second	Marks
Results	12-0-2
Motion	Passes
Reference	8.033