

**MINUTES (Unconfirmed)
IEEE 802 LMSC
EXECUTIVE COMMITTEE MEETING,
Revision 2**

Prepared by John D'Ambrosia, Recording Secretary

Friday, Mar 21, 2014 – 1:00 p.m.
All times China Standard Time (CST)

China World Hotel
Beijing, China

EC members (or their representatives) present:

Paul Nikolich – Chair, IEEE 802 LAN/MAN Standards Committee
Pat Thaler – 1st Vice Chair, IEEE 802 LAN/MAN Standards Committee
James Gilb – 2nd Vice Chair, IEEE 802 LAN/MAN Standards Committee,
Chair, IEEE 802.24 Smart Grid TAG
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
Tony Jeffree – Chair, IEEE 802.1 – HILI Working Group
David Law – Chair, IEEE 802.3 – Ethernet Working Group
Bruce Kraemer – Chair, IEEE 802.11 – Wireless LAN Working Group
Bob Heile – Chair, IEEE 802.15 – Wireless PAN Working Group
Tim Godfrey - Representative, IEEE 802.16 - Broadband Wireless Access Working Group
Mike Lynch – Chair, IEEE 802.18 – Regulatory TAG
Steve Shellhammer – Chair, IEEE 802.19 – Wireless Coexistence Working Group
Subir Das – Chair, IEEE 802.21 – Media Independent Handover Working Group
Apurva Mody – Chair, IEEE 802.22 – Wireless RANs Working Group

Nonvoting EC members present:

Geoff Thompson – Member Emeritus
Max Riegel- Chair, OmniRAN EC Study Group
Radhakrishna Canchi – Chair, IEEE 802.20 – Mobile Broadband Wireless Access Working Group

EC members absent:

Roger Marks – Chair, IEEE 802.16 – Broadband Wireless Access Working Group

Nonvoting EC members absent:

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

Agenda URL: <https://mentor.ieee.org/802-ec/dcn/14/ec-14-0010-03-00EC-mar-2014-closing-agenda.xlsx>

v03		DRAFT AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING			
		Friday 1:00PM-6:00PM, 21-Mar-2014			
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 / Dambrosia	10	01:00 PM

Recording Secretary performed roll call.

2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	10	01:10 PM
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Meeting agenda was presented.

Discussion regarding agenda –

- None

* Motion #1	Move to approve agenda.
Moved	Thaler
Second	Kraemer
Results	13-0-0
Motion	Passes
Reference	Agenda Item #2.00

Updated Agenda: <https://mentor.ieee.org/802-ec/dcn/14/ec-14-0010-03-00EC-mar-2014-closing-agenda.xlsx>

v03		DRAFT AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING			
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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 / Dambrosia	10	01:00 PM
2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	10	01:10 PM
3.00	II	Announcements from the Chair	Nikolich	1	01:20 PM
3.001	DT	IEEE 802.16 Status Report	Godfrey	15	01:21 PM
3.01	MI	WG and TAG Officer Confirmations	Nikolich	15	01:36 PM
3.02	MI	EC Chair Election	Thaler	5	01:51 PM
3.03	MI	Confirmation of EC Appointed Positions	Nikolich	15	01:56 PM
3.04	II	Recognition of Outgoing EC Members	Nikolich	2	02:11 PM
3.05	II	Recognition of Meeting Sponsors	Nikolich	5	02:13 PM
4.00		LMSC Internal business			02:18 PM
4.01	MI	Future Venue Approval / Contract Approval	Rosdahl	20	02:18 PM
4.02	MI	Treasurer's Request for Funding Allocations	Chaplin	15	02:38 PM
4.03	ME	Updates to IEEE LMSC P&P	Gilb	15	02:53 PM
4.04	MI	Updates to IEEE LMSC OM, WG P&P and Chair's Guidelines	Gilb	10	03:08 PM
4.05	MI	Deletion of "Member(s) Emeritus" from the 802 rules documents	Jeffree	10	03:18 PM
4.06	MI*	Add Reflector Policy, per Thaler Email to SEC Reflector (http://www.ieee802.org/secmail/msg17299.html), to Chair's Guidelines.	Thaler	0	03:28 PM
5.00		IEEE Standards Board and Sponsor Ballot Items			03:28 PM
5.01		IEEE 802.19	Shellhammer		03:28 PM
5.011	ME	IEEE 802.19.1 to RevCom	Shellhammer	3	03:28 PM
5.02		IEEE 802.21	Das		03:31 PM
5.021	ME	IEEE 802.21c to RevCom	Das	3	03:31 PM
5.03		IEEE 802.22	Mody		03:34 PM
5.031	ME	IEEE 802.22 Revision PAR to NesCom	Mody	3	03:34 PM
5.04		IEEE 802.1	Jeffree		03:37 PM
5.041	ME	IEEE P802 to RevCom (Conditional)	Jeffree	3	03:37 PM
5.042	ME	P802.1AX-REV to Sponsor ballot (unconditional)	Jeffree	3	03:40 PM
5.043	ME	P802.1Qcd to Sponsor Ballot (unconditional)	Jeffree	3	03:43 PM
5.044	ME	P802.1 Qcd PAR modification to NesCom	Jeffree	3	03:46 PM
5.05		IEEE 802.3	Law		03:49 PM
5.051	ME	IEEE 802.3bj to RevCom (Conditional)	Law	3	03:49 PM
5.052	ME	IEEE 802.3bm to Sponsor Ballot (Conditional)	Law	3	03:52 PM
5.053	ME	IEEE 802.3bp PAR Modification to NesCom	Law	3	03:55 PM

5.054	ME	IEEE 802.3bs 400 Gb/s Ethernet PAR to NesCom	Law	3	03:58 PM
5.06		IEEE 802.11	Kraemer		04:01 PM
5.061	ME	IEEE 802.11 HEW PAR to NesCom	Kraemer	5	04:01 PM
5.07		IEEE 802.15	Heile		04:06 PM
5.071	ME	IEEE 802.15.3d 100Gbps wireless switched point-to-point physical layer PAR to NesCom	Heile	15	04:06 PM
5.072	ME	IEEE 802.15.4r Radio Based DMT to NesCom	Heile	5	04:21 PM
5.08	-	IEEE 802.16	Marks	-	04:26 PM
5.09	ME	IEEE 802.18	Lynch	-	04:26 PM
					04:26 PM
		Break	Nikolich	5	04:26 PM
					04:31 PM
6.00		Study Group and Project (EC, WG, TAG) action/status			04:31 PM
6.01	-	IEEE 802.19	Shellhammer	-	04:31 PM
6.02	-	IEEE 802.21	Das	-	04:31 PM
6.03		IEEE 802.22	Mody		04:31 PM
6.031		IEEE 802.22 Spectrum Occupancy Sensing (SOS) Study Group (1st Extension)	Mody	0	04:31 PM
6.04	MI	IEEE 802.24	Gilb		04:31 PM
6.041	II	IEEE 802.24 Scope Change	Gilb	10	04:31 PM
6.05		IEEE OmniRAN EC Study Group	Riegel		04:41 PM
6.051	MI	IEEE 802 OmniRAN EC Study Group 3rd Extension	Riegel	3	04:41 PM
6.06		IEEE 802.1	Jeffree		04:44 PM
6.061	DT	802 Overview and Architecture report	Gilb	0	04:44 PM
6.062	II	OmniRAN Task Group Formation	Jeffree	1	04:44 PM
6.07		IEEE 802.3	Law		04:45 PM
6.071	MI	IEEE 802.3 400 Gb/s Ethernet Study Group (3rd Extension)	Law	2	04:45 PM
6.072	MI	IEEE 802.3 Gigabit POF Study Group Formation	Law	3	04:47 PM
6.073	MI	IEEE 802.3 100 Mb/s operation over a single twisted pair Study Group	Law	3	04:50 PM
6.08		IEEE 802.11	Kraemer		04:53 PM
6.081	MI	IEEE 802.11 HEW Study Group (3rd Extension)	Kraemer	3	04:53 PM
6.082	II	Update to 802.11 Operations Manual (Doc 11-13-0001-03)	Kraemer	3	04:56 PM
6.09		IEEE 802.15	Heile		04:59 PM
6.091	MI*	IEEE 802.15.7 Optical Camera Communications(OCC) Study Group (1st Extension)	Heile	0	04:59 PM
6.092	MI*	IEEE 802.15.4r Distance Measurement Technology (DMT) Study Group (1st Extension)	Heile	0	04:59 PM
6.093	MI	IEEE 802.15 SG on Beam Switchable Wireless Links (100G) (2nd Extension)	Heile	3	04:59 PM
6.094	MI	IEEE 802.15 Spectrum Resource Utilization (SRU) Study Group (2nd Extension)	Heile	3	05:02 PM
6.10	MI	IEEE 802.16	Marks	-	05:05 PM
6.11	MI	IEEE 802.18	Lynch	-	05:05 PM
					05:05 PM
7.00	ME	LMSC Liaisons and External Interface			05:05 PM
7.01	ME	IEEE 802.19	Shellhammer	-	05:05 PM
7.02	ME	IEEE 802.21	Das	-	05:05 PM
7.03	ME	IEEE 802.22	Mody	-	05:05 PM
7.04	ME	IEEE 802.24	Gilb	-	05:05 PM
7.05		IEEE 802.1	Jeffree		05:05 PM
7.051	ME	Ballot responses (5 documents) to ISO/IEC JTC1 SC6	Jeffree	3	05:05 PM
7.052	ME	Forward P802 to ISO/IEC JTC1 SC6 under PSDO agreement	Jeffree	3	05:08 PM
7.053	II	Liaisons to the IETF regarding 802.1Qca	Jeffree	0	05:11 PM
7.054	II	Paper "Software Defined Networking supported by IEEE 802.1Q" to MEF and CEF	Jeffree	0	05:11 PM
7.06		IEEE 802.3	Law		05:11 PM
7.061	ME	Appointment of liaison officer from IEEE 802.3 to ITU-T SG15	Law	3	05:11 PM
7.062	II*	Liaison letter to ITU-T SG15: Optical Transport Network Technologies (OTNT) Standardization Work Plan	Law	0	05:14 PM
7.063	II*	Liaison letter response to ISO/IEC JTC 1/SC 25: Power over Ethernet	Law	0	05:14 PM
7.07	ME	IEEE 802.11	Kraemer		05:14 PM
7.071	ME	Doc 11-14-0368-01 slide 6 to IETF OPSAWG	Kraemer	3	05:14 PM
7.072	ME	Liaison of Doc 11-14-256-00 in relation to "WLAN Virtual Network" to ISO/IEC JTC1/SC6/WG7	Kraemer	3	05:17 PM
7.08	ME	IEEE 802.15	Heile	-	05:20 PM
7.09	ME	IEEE 802.16	Marks	-	05:20 PM
7.10	ME	IEEE 802.18	Lynch		05:20 PM
7.101	ME	Regulatory Liaisons / Report	Lynch	0	05:20 PM
7.102	ME*	IEEE 802.16 to ITU-R WP5D RE: IMT Recommendation M.1457 REF: https://mentor.ieee.org/802.18/dcn/14/18-14-0016-00-0000-proposed-ls-to-itu-r-wp-5d-update-of-section-5-6-toward-revision-12-of-recommendation-itu-r-m-1457-meeting-x-2b-notification.docx	Lynch	0	05:20 PM
7.103	ME	Liaison Request to 3GPP	Lynch	10	05:20 PM
7.11	ME	Standing Committee Reports			05:30 PM
7.111	ME	JTC1 Standing Committee Report	Myles	5	05:30 PM
7.112	II	802 EC / ITU Standing Committee Report	Parsons	5	05:35 PM
7.113	ME	IEEE 802 / IETF Standing Committee Establishment	Thaler	5	05:40 PM

7.114	ME	Endorse revision of RFC 4441 (Final draft - http://www.ietf.org/id/draft-iab-rfc4441rev)	Thaler	2	05:45 PM
7.12	ME	IEEE 802	Nikolich		05:47 PM
8.00	II	Information Items			05:47 PM
8.01	II*	IEEE 802 / SA Task Force Report	Nikolich	0	05:47 PM
8.02	II	IEEE SA Staff Reports			05:47 PM
8.03	II	Officers Reports			05:47 PM
8.031	II	1st Vice Chair Report	Thaler	1	05:47 PM
8.032	H	2nd Vice Chair Report	Gilb	0	05:48 PM
8.033	II	Treasurer's Report	Chaplin	5	05:48 PM
8.034	II	Executive secretary report	Rosdahl	5	05:53 PM
8.035	II	Recording Secretary Report	D'Ambrosia	0	05:58 PM
8.036	II*	Appeals report -No items to report	D'Ambrosia	0	05:58 PM
8.04	II	Network Services report	Alfin	1	05:58 PM
8.05	DT	802 Plenary Organizers Report	Slykhouse	1	05:59 PM
8.06	II*	Announcement of 802 EC Interim Telecon, Tuesday 3 June 2014 1-3pm ET	Rosdahl	0	06:00 PM
8.07	II*	Call for Tutorials for July 2014 Plenary (Monday, July 14, 2014)	Rosdahl	0	06:00 PM
8.08	II*	Call for Submissions for July 2014 Plenary Emerging Applications BoF (Wed, July 16, 2014)	Thaler	0	06:00 PM
10.00		ADJOURN SEC MEETING	Nikolich		06:00 PM

3.00	II	Announcements from the Chair	Nikolich	1	01:20 PM
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No announcements

3.001	DT	IEEE 802.16 Status Report	Godfrey	15	01:21 PM
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Godfrey presented material shown below from 16-14-0034-02-Gdoc-responses-to-questions-for-the-802-16-wg-from-james-gilb. (Note – V02 was shown, but did not include the spreadsheet shown below. Godfrey indicated he would provide V03 to include the spreadsheet, which has been entered into the minutes.)

Discussion –

- Thaler would like to see the technical contributions per each meeting
- Gilb noted that during conversation, it was indicated that there were no plans for completion.
- Gilb asked for clarification of the “linkage” described in the sentence below–
- Due to the topic of the PAR, the project has a linkage with the upcoming P802.1CF OmniRAN Project and is likely to develop over time in parallel with future development of the P802.1CF Network Reference Model.
- Regarding Plans for Future Meetings
 - Meetings for 2014 are Jan, July, Nov
- Gilb recommended future vigilance, and requested that 802.16 report to the EC with detailed schedule for each of the projects, which shall be posted 1 week prior to the July 2014 Opening EC Meeting. The goal is to show that the projects are viable.
- Action Item: Marks to provide 802.16 report to the EC with detailed schedule for each of the projects, which shall be posted 1 week prior to the July 2014 Opening EC Meeting.
- It was requested that provisions stating meetings be face-to-face be added back into the 802 P&P.
- Action Item: Thompson to supply draft language for a rules change regarding criteria for the confirmation of market relevance and vitality of WGs, their projects, potential re-assignment of projects and hibernation
- Concern was expressed that it appears that EC is considering ending work of 802.16, while some individuals are still performing work.

Responses to Questions for the 802.16 WG from James Gilb

Date: Mon, 17 Mar 2014 12:25:48 -0700

From: "James P. K. Gilb" gilb@ieee.org

To: stds-802-sec@ieee.org

All

During our closing meeting during the plenary session we will be voting to confirm WG Chairs and WG Vice Chairs.

Prior to the confirmation vote for the 802.16 WG Chair and Vice Chair, I am going to ask that the 802.16 WG provide questions to the following questions:

- 1) Provide attendance numbers for the WG over last 2 years.
- 2) For each of the active PARs
 - a) What is the participation and contribution level (individuals and companies)?
 - b) Briefly describe the progress that the project made in the last year.
 - c) briefly state the future plan to complete the project.
- 3) What are the plans for future meetings? Will the WG meet only during plenaries?

I am not bringing this up as a negative regarding past or future leadership of 802.16, but rather to give the EC some insight into the group's future.

James Gilb

Responses:

- 1) Provide attendance numbers for the WG over last 2 years.

Please see <http://wirelessman.org/meetings/reports.html> for the attendance at previous 802.16 WG sessions.

- 2) For each of the active PARs
 - a) What is the participation and contribution level (individuals and companies)?
 - b) Briefly describe the progress that the project made in the last year.
 - c) briefly state the future plan to complete the project.

(1) The P802.16q PAR was approved in August 2012 and has been discussed at the subsequent eight WG sessions. A System Requirements Document was developed, followed by preparation of a draft standard. The WG has agreed to incorporate comment resolutions, adopt the draft, and forward it for WG Letter Ballot, to conclude in time for comment resolution in July 2014. The project is targeted for completion by March 2015. The document archive includes 143 documents indicated for P802.16q, from participants with affiliations including ETRI and KAIST IT Convergence.

(2) The P802.16r PAR was approved in December 2012 and has been discussed at the subsequent six WG sessions. An Architecture and Requirements document is in development.

The schedule predicted in the PAR has not been met. The document archive includes 79 documents indicated for P802.16r, from participants with affiliations including Airspan, BLiNQ Networks, EthAirNet Associates, ITRI, and NEC. Due to the topic of the PAR, the project has a linkage with the upcoming P802.1CF OmniRAN Project and is likely to develop over time in parallel with future development of the P802.1CF Network Reference Model.

(3) The P802.16.3 PAR was approved in December 2012 and has been discussed at the subsequent six WG sessions. On 29 July 2013, the WG (through IEEE-SA) issued a Call for Participation announcing an electronic-based process allowing participation without travel. An Architecture and Requirements document is in development. The schedule predicted in the PAR has not been met. The document archive includes 47 documents indicated for P802.16.3, from participants with affiliations including Bims Laboratories, Consensii LLC, Mobile Pulse, Inc., and Tektronix Communications.

3) What are the plans for future meetings? Will the WG meet only during plenaries?

For the remainder of 2014, the WG plans to meet face-to-face only at 802 Plenaries and to hold teleconferences in lieu of interim sessions.

IEEE 802.16 Session Reports

Reports of Previous Sessions of the IEEE 802.16 Working Group on Broadband Wireless Access Standards

See also [Future Sessions](#)

Session		Start Date	Site	Attendance	Participation	Host
# 89	Report	20-23 January 2014	Los Angeles, CA, USA	10	7	IEEE 802 Wireless Interim
# 88	Report	11-14 Nov 2013	Dallas, TX, USA	9	7	IEEE 802
# 87	Cancelled	Sept 2013	-	-	-	-
# 86	Report	15-18 July 2013	Geneva, Switzerland	13	10	IEEE 802
# 85	Report	13-16 May 2013	Waikoloa, HI, USA	9	6	IEEE 802 Wireless Interim
# 84	Report	18-21 March 2013	Orlando, FL, USA	7	6	IEEE 802
# 83	Report	14-17 Jan 2013	Vancouver, BC, Canada	16	9	IEEE 802 Wireless Interim
# 82	Report	12 November 2012	San Antonio, CA, USA	24	12	IEEE 802
# 81	Report	17 September 2012	Indian Wells, CA, USA	25	13	IEEE 802 Wireless Interim
# 80	Report	16 July 2012	San Diego, CA, USA	32	20	IEEE 802
# 79	Report	14 May 2012	Atlanta, Georgia, USA	26	19	IEEE 802 Wireless Interim
# 78	Report	12 March 2012	Waikoloa, Hawaii, USA	35	25	IEEE 802
# 77	Report	16 January 2012	Jacksonville, Florida, USA	40	30	IEEE 802 Wireless Interim
# 76	Report	7 November 2011	Atlanta, GA, USA	71	61	IEEE 802
# 75	Report	19 September 2011	Bangkok, Thailand	55	53	National Electronics and Computer Technology Center (NECTEC)
# 74	Report	18 July 2011	San Francisco,	82	55	IEEE 802

			CA, USA			
# 73	Report	16 May 2011	Lake Louise, AB, Canada	76	72	Ron Murias
# 72	Report	14 March 2011	Singapore	95	80	IEEE 802
# 71	Report	10 January 2011	Taipei, Taiwan	111	106	Ching-Tarnq Hsieh (ITRI); MediaTek; Global Mobile
# 70	Report	8 November 2010	Dallas, Texas, USA	130	113	IEEE 802
# 69	Report	13 September 2010	St. Petersburg, Russia	108	108	Alexander Maltsev (Intel Russia); Yota
# 68.5	Report	16 August 2010	Calgary, Alberta, Canada	84	82	Ron Murias
# 68	Report	11 July 2010	San Diego, California, USA	164	150	IEEE 802
# 67	Report	10 May 2010	Bangalore, India	136	136	J. Klutto Milleth and Kiran Kuchi (CEWIT)
# 66	Report	15 March 2010	Orlando, Florida, USA	209	177	IEEE 802
# 65	Report	11 January 2010	La Jolla, San Diego, CA, USA	216	181	IEEE 802
# 64	Report	16 November 2009	Atlanta, Georgia, USA	246	208	802 Plenary
# 63.5	Report	21 September 2009	Waikoloa, Hawaii, USA	148	139	802.11 & 802.15 WGs
# 63	Report	31 Aug 2009	Jeju, Korea	257	216	Hokyu Choi (Samsung Electronics)
# 62	Report	13 July 2009	San Francisco, California, USA	281	246	802 Plenary
# 61	Report	4 May 2009	Cairo, Egypt	210	206	Fadel Digham, Ahmed Shalash, and Mohamed Khairy (National Telecom Regulatory Authority of Egypt [NTRA] and Cairo University)

# 60	Report	9 March 2009	Vancouver, BC, Canada	311	291	802 Plenary
# 59	Report	12 Jan 2009	La Jolla, CA, USA	310	297	Lei Wang (NextWave Wireless)
# 58	Report	10 Nov 2008	Dallas, TX, USA	394	361	802 Plenary
# 57	Report	16 September 2008	Kobe, Japan	415	371	Mitsuo Nohara, KDDI
# 56	Report	14 July 2008	Denver, CO, USA	456	412	802 Plenary
# 55	Report	12 May 2008	Macao, P.R. China	402	378	Jianmin Lu, Huawei (China Mobile, Huawei, ZTE, and CATR)
# 54	Report	17 Mar 2008	Orlando, FL, USA	430	406	802 Plenary
# 53	Report	21 Jan 2008	Levi, Finland	303	302	Carl Eklund (Nokia and Nokia Siemens Networks)
# 52	Report	12 Nov 2007	Atlanta, GA, USA	443	417	802 Plenary
# 51	Report	17 Sep 2007	Malaga, Spain	288	275	Gordon Antonello (AT4 wireless)
# 50	Report	16 Jul 2007	San Francisco, CA, USA	462	400	802 Plenary
# 49	Report	07 May 2007	Portland, OR, USA	303	289	Jose Puthenkulam (Intel Corp.)
# 48	Report	12 Mar 2007	Orlando, FL, USA	360	329	802 Plenary
# 47	Report	15 Jan 2007	London, UK	274	227	IEEE 802
# 46	Report	13 Nov 2006	Dallas, TX, USA	322	290	802 Plenary
# 45	Report	25 Sep 2006	Mont Tremblant, PQ, Canada	191	182	Frank Draper (Wavesat Inc., along with InterDigital Communications & Redline Communications)
# 44	Report	17 Jul 2006	San Diego, CA, USA	309	278	802 Plenary
# 43	Report	08 May 2006	Tel Aviv, Israel	122	111	Naftali Chayat (Alvarion)
# 42	Report	06 Mar 2006	Denver, CO, USA	218	174	802 Plenary

# 41	Report	09 Jan 2006	New Delhi, India	111	99	Aditya Agrawal (Beceem Communications)
# 40	Report	14 Nov 2005	Vancouver, BC, Canada	192	126	802 Plenary
# 39	Report	12 Sep 2005	Taipei	225	175	Arthur Wang and Stanley Wang (ITRI; co-hosted by CyberTAN Technology)
# 38	Report	18 Jul 2005	San Francisco, CA, USA	341	287	802 Plenary
# 37	Report	02 May 2005	Sorrento, Italy	218	206	Giulio Cavalli and Magda Salodini (Siemens Communications)
# 36	Report	14 Mar 2005	Atlanta, GA, USA	340	285	802 Plenary
# 35	Report	24 Jan 2005	Sanya, Hainan, China	313	301	Lucy Chen and Kathy Woo (Huawei Technologies Co.)
# 34	Report	15 Nov 2004	San Antonio, TX, USA	367	299	802 Plenary
# 33	Report	30 Aug 2004	Seoul, Korea	288	237	Panyuh Joo and Changhoi Koo (Samsung Corporation)
# 32	Report	12 Jul 2004	Portland, OR, USA	333	272	802 Plenary
# 31	Report	17 May 2004	Shenzhen, China	228	188	Rajesh Bhalla (ZTE Corporation)
# 30	Report	15 Mar 2004	Orlando, FL, USA	222	179	802 Plenary
# 29	Report	12 Jan 2004	Vancouver, BC, Canada	131	105	IEEE 802
# 28	Report	10 Nov 2003	Albuquerque, NM, USA	116	86	802 Plenary
# 27	Report	08 Sep 2003	Denver, CO, USA	54	44	Roger Marks (IEEE Microwave Theory and Techniques Society)
# 26	Report	21 Jul 2003	San Francisco, CA, USA	82	53	802 Plenary
# 25	Report	12 May 2003	Dallas, TX, USA	60	44	IEEE 802

# 24	Report	10 Mar 2003	Dallas, TX, USA	78	30	802 Plenary
# 23	Report	13 Jan 2003	San Jose, CA, USA	74	62	Dean Chang (Aperto Networks), with WCA
# 22	Report	11 Nov 2002	Koloa, Kauai, HI, USA	84	57	802 Plenary
# 21	Report	22 Sep 2002	Jeju, Korea	64	54	Panyuh Joo (Samsung Electronics Co.)
# 20	Report	08 Jul 2002	Vancouver, BC, Canada	97	77	802 Plenary
# 19	Report	20 May 2002	Calgary, AB, Canada	97	74	Shawn Taylor (Wi-LAN Inc.)
# 18	Report	11 Mar 2002	St. Louis, MO, USA	90	73	802 Plenary
# 17	Report	21 Jan 2002	Levi, Finland	54	54	Carl Eklund (Nokia)
# 16	Report	12 Nov 2001	Austin, TX, USA	107	88	802 Plenary
# 15	Report	10 Sep 2001	Denver, CO, USA	97	97	Roger Marks (IEEE Microwave Theory and Techniques Society)
# 14	Report	09 Jul 2001	Portland, OR, USA	142	126	802 Plenary
# 13	Report	14 May 2001	Orlando, FL, USA	150	127	802.11/802.15
# 12	Report	12 Mar 2001	Hilton Head, SC, USA	179	165	802 Plenary
# 11	Report	22 Jan 2001	Ottawa, ON, Canada	168	150	JosZ Costa (Nortel)
# 10	Report	06 Nov 2000	Tampa, FL, USA	212	174	802 Plenary
# 9	Report	11 Sep 2000	Denver, CO, USA	144	126	Roger Marks (IEEE Radio and Wireless Conference)
# 8	Report	10 Jul 2000	La Jolla, CA, USA	166	128	802 Plenary
# 7		01 May 2000	Gaithersburg, MD, USA	158	116	Yunsang Park (Hughes Network Systems)
# 6		06 Mar 2000	Albuquerque, NM, USA	107	107	802 Plenary
# 5		10 Jan 2000	Richardson, TX, USA	92	92	Leland Langston (Crosspan)
# 4		08 Nov 1999	Kauai, HI, USA	107	90	802 Plenary

#3		13 Sep 1999	Boulder, CO, USA	36	36	Roger Marks (IEEE Microwave Theory and Techniques Society)
#2		04 Aug 1999	Denver, CO, USA	25	25	Roger Marks (IEEE Microwave Theory and Techniques Society)
#1		06 Jul 1999	Montreal, PQ, Canada	130	106	802 Plenary
#0		10 May 1999	Boulder, CO, USA	49	49	Roger Marks (IEEE Microwave Theory and Techniques Society)
SG2		09 Mar 1999	Austin, TX, USA			802 Plenary 802 Study Group on Broadband Wireless Access, Second Session
SG1		13 Jan 1999	Orlando, FL, USA	54	54	Al Petrick (IEEE 802.11 Working Group) 802 Study Group on Broadband Wireless Access, First Session
N-WEST #2		09 Nov 1998	Albuquerque, NM, USA			802 Plenary Second N-WEST Meeting
N-WEST#1		09 Aug 1998	Colorado Springs, CO, USA			Roger Marks (IEEE Radio and Wireless Conference) First N-WEST Meeting

- [N-WEST Newsletter Archive](#) (previous newsletter)

Return to [IEEE 802.16 Page](#)

Radhakrishna Canchi showed up approximately 1:30pm.

3.01	MI	WG and TAG Officer Confirmations	Nikolich	15	01:36 PM
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Nikolich showed following slides. Motions were made as noted regarding confirmations. Recording Secretary noted that endorsement / affiliation letters had been received for all individuals except Richard Kennedy (802.18 Vice Chair position) and the 802.21 Vice chair position. Thompson's Letter of Endorsement / Affiliation had been accepted. Rules need to be revisited for affiliation / endorsement letters.

Action Item 3.1 Gilb / D'Ambrosia Review rules for affiliation / endorsement letters.

802 EC officer confirmations

March 2014

1

WG/TAG officer confirmations 3.01

- 802.17 (Hibernating)<
 - Chair: John Lemon
 - EC Vote: Yes: 13 No:0 Abs:0
- 802.20 (Hibernating)<
 - Chair: Radhakrishna Canchi
 - EC Vote: Yes:13 No:0 Abs:0

2

* Motion #2	Motion to confirm John Lemon as 802.17 (Hibernating) WG Chair
Moved	DAmbrosia
Second	Lynch
Results	13 – 0 – 0
Motion	Passes
Reference	3.01

* Motion #3	Motion to confirm Radhakrishna Canchi as 802.20 (Hibernating) WG Chair
Moved	Das
Second	Gilb
Results	13-0-0
Motion	Passes
Reference	3.01

WG/TAG officer confirmations 3.01

- 802.18<
 - Chair: Mike Lynch 4-0-0, unopposed
EC Vote--Yes:13 No:0 Abs:0
 - Vice Chair: Rich Kennedy 3-0-0, unopposed
temporary appointment pending receipt of endorsement/affiliation letters and confirmation via EC email ballot
- 802.21<
 - Chair: Subir Das 08-0-1, unopposed
EC Vote-- Yes:12 No:0 Abs:0
 - Vice Chair: Charlie Perkins
temporary appointment pending receipt of endorsement/affiliation letters election at July 2014 plenary session
- 802.19<
 - Chair: Steve Shellhammer 9-0-1, unopposed
 - Vice Chair: Ivan Reede 10-0-0, unopposed
EC Vote-- Yes:13 No:0 Abs:0

3

* Motion #4	Motion to confirm Lynch as 802.18 TAG Chair
Moved	Shellhammer
Second	Mody
Results	13-0-0
Motion	Passes
Reference	3.01

* Motion #5	Motion to confirm Das as 802.21 WG Chair
Moved	Mody
Second	Rosdahl
Results	12-0-0
Motion	passes
Reference	3.01

The 802 Chair is temporarily appointing Charlie Perkins as 802.21 Vice Chair. The 802 Chair is temporarily appointing Rich Kennedy as 802.18 TAG Vice Chair.

Rules need to be visited regarding endorsement / affiliation letter requirements for temporary appointments.

Action Item 3.1 Gilb Review rules regarding endorsement / affiliation letter requirements for temporary appointments.

* Motion #6	Motion to confirm Shellhammer as 802.19 WG Chair and Reede as 802.19 WG Vice Chair
Moved	Kraemer
Second	Chaplin
Results	13-0-0
Motion	Passes
Reference	3.01

WG/TAG officer confirmations 3.01

- 802.15<
 - Chair: Bob Heile 28-0-0, unopposed
 - Vice Chair: Rick Alfvín 33-0-0, unopposed
 - Vice Chair: Pat Kinney 26-0-0, unopposed
 - EC Vote--Yes:13 No:0 Abs:0
- 802.16<
 - Chair: Roger Marks 2, Other: none
 - Vice Chair: Harry Bims 2, Other: none
 - EC Vote—postponed to July2014 plenary session
- 802.3<
 - Chair: David Law 88-0, unopposed
 - Vice Chair: Adam Healey 89-0, unopposed
 - EC Vote--Yes:13 No:0 Abs:0

4

* Motion #7	Motion to confirm Heile as 802.15 WG Chair, Alfvín as 802.15 WG Vice-Chair, and Kinney as 802.15 WG Vice-Chair
Moved	Das
Second	Mody
Results	13-0-0
Motion	0
Reference	3.01

* Motion #8	Motion to confirm Marks as 802.16 WG Chair and Bims as 802.16 WG Vice Chair.
Moved	Lynch
Second	Kraemer
Results	Postponed until July 2014 Plenary, per Motion #9
Motion	
Reference	3.01

* Motion #9	Motion to postpone confirmation of 802.16 officers until July 2014 Plenary
Moved	Gilb
Second	Jeffree
Results	8 – 4 – 1
Motion	Passes
Reference	3.01

Discussion:

If motion carries, Chair stated he would confirm Marks / Bims in respective positions. Gilb noted that the purpose of the motion is to express the concern of the EC regarding 802.16. It was noted that failure to confirm would leave existing officers in place until the next time meeting is possible.

* Motion #10	Motion to confirm Law as 802.3 WG Chair and Healey as 802.3 WG Vice Chair
Moved	Das
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	3.01

WG/TAG officer confirmations 3.01

- 802.11<
 - Chair: Glenn Parsons 20-0-0, unopposed
 - Vice Chair: John Messenger 21-0-0, unopposed
 - EC Vote--Yes:13 No:0 Abs:0
- 802.11<
 - Chair: Adrian Stephens 101; Jon Rosdahl 78
 - Vice Chairs: Dorothy Stanley, Jon Rosdahl 165/0/0, no other candidates
 - EC Vote--Yes:12 No:0 Abs:0
- 802.22<
 - Chair: Apurva Mody 11/0/0, unopposed
 - Vice Chair: Chang-woo Pyo 11/0/0, unopposed
 - EC Vote--Yes:13 No:0 Abs:0
- 802.24<
 - Chair: James Gilb 4/0/0, unopposed
 - Vice Chair: Tim Godfrey 4/0/0, unopposed
 - EC Vote--Yes:12 No:1 (Gilb) Abs:0
- EC Omni RAN Study Group
 - Chair: Max Riegel, Vice Chair Juan-Carlos Zuniga
 - EC Vote--Yes: 13 No:0 Abs:0

* Motion #11	Motion to confirm Parsons as 802.1 WG Chair, and Messenger as 802.1 WG Vice Chair
Moved	Rosdahl
Second	Lynch
Results	13-0-0
Motion	Passes
Reference	3.01

* Motion #12	Motion to confirm Stephens as 802.11 WG Chair, Stanley and Rosdahl as 802.11 WG Vice-Chairs
Moved	Lynch
Second	Das
Results	12 – 0 – 0
Motion	Passes
Reference	3.01

Discussion

Stanley and Stephens introduced themselves to the 802 EC. Stephens declared Stanley 802 EC Designate in his absence.

Rosdahl recused himself from this vote.

* Motion #13	Motion to confirm Mody as 802.22 WG Chair, and Chang as 802.22 WG Chair
Moved	Das
Second	Gilb
Results	13-0-0
Motion	Passes
Reference	3.01

* Motion #14	Motion to confirm Gilb as 802.24 TAG Chair and Godfrey as 802.24 TAG Vice Chair
Moved	Mody
Second	Shellhammer
Results	12 – 1 – 0
Motion	Passes
Reference	3.01

* Motion #15	Motion to confirm Riegel as EC Omni RAN SG Chair and Juan-Carlos Zuniga as EC Omni RAN SG Vice-Chair
Moved	Rosdahl
Second	Jeffree
Results	13-0-0
Motion	Passes
Reference	3.01

3.02	MI	EC Chair Election	Thaler	5	01:51 PM
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Thaler ran 802 EC Chair election, and showed material below. Chair was asked to leave the room. After approximately 5 minutes of discussion, the chair was invited back into the room. Personal note – the 802 Chair was curious of the discussion that occurred while out of the room, as all members of the EC had unusual grins on their faces.

802 EC Chair election 3.02

- Paul Nikolich
 - Approve: 12
 - Disapprove: 0
 - Abstain: 0

6

	Election of Paul Nikolich as 802 EC Chair
Yes	12
No	0
Abstain	0
Results	12-0-0
	Paul Nikolich elected 802 EC Chair
Reference	3.02

3.03	MI	Confirmation of EC Appointed Positions	Nikolich	15	01:56 PM
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Nikolich appointed following individuals to EC Officer positions.

Appointed EC officer confirmations 3.03

- 1st Vice Chair
 - Patricia Thaler
- 2nd Vice Chair
 - James Gilb
- Treasurer
 - Clint Chaplin
- Executive Secretary
 - Jon Rosdahl
- Recording Secretary
 - John D'Ambrosia
- Member Emeritus
 - Geoff Thompson

¶ Motion to confirm entire slate of above 6 appointed officers
 – EC Vote--Yes:13 No:0 Abs:0

7

Member Emeritus, 802 Advisor

ADVISOR, MEMBER EMERITUS RESPONSIBILITIES

- 1) Provide advice and guidance to the EC chair and all EC members on all matters before the EC
 (especially on controversial and difficult topics)
- 2) Fulfill assignments from the EC chair based on need covering a wide scope of activities: LMSC items, the IEEE SA Staff, Standards Board and Board of Governor's items; and international standards development items.
- 3) Act as a mentor to WG/TAG members and leaders, especially for new Groups
- 4) Note this is a non-voting EC position

8

Time 2:05pm

* Motion #16	Motion to confirm all appointed officers noted.
Moved	Rosdahl
Second	Mody
Results	13-0-0
Motion	Passes
Reference	3.03

Discussion

- No objection to voting the slate of candidates.
- Parsons introduced himself to the 802 EC.
- Messenger introduced himself to the 802 EC.

Time 2:06pm

3.04	II	Recognition of Outgoing EC Members	Nikolich	2	02:11 PM
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The 802 EC recognized the efforts and contribution of Tony Jeffree and Bruce Kraemer and presented gifts of appreciation. Kind (and sarcastic) words were shared by all.

Time: 2:22pm

3.05	II	Recognition of Meeting Sponsors	Nikolich	5	02:13 PM
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Chair recognized and thanked Huawei and WSN for their financial and logistical support

Time: 2:23pm

4.00		LMSC Internal business			02:18 PM
4.01	MI	Future Venue Approval / Contract Approval	Rosdahl	20	02:18 PM

Rosdahl presented the following material

[doc.: IEEE EC-13/0022r1](#)

**IEEE 802 Plenary November 2013 – Dallas, TX –
Friday Closing EC Plenary**

AGENDA ITEMS: 4.01,

4.01 Future venues items

- **Future Venues File posted:**
 - <https://mentor.ieee.org/802-ec/dcn/12/ec-12-0040-05-00EC-802-plenary-future-venue-contract-status.xlsx>
- **Future Venues Report**
 - Meeting on Wednesday 8-10am – Function 3A
- **Meeting Space allocation –**
 - Do not plan on more than 5 rooms in parallel without confirmation
 - Rule of thumb Size: 100% -75% -50% -25% ~20 people
 - WG/TAGs less than 30 get only one room

MI 4.01 Future Venue Meeting output

Choice of Future Venues:

Straw poll indicated that for 2015 Mar and 2017 July we should pursue Estril Hotel in Berlin, Germany.

Review of Macau Contract – some issues need to be addressed prior to execution and invoice payment.

Need for Site Visits:

Initial Site visit planned for current prospect list from 7 sites in Asia (2 in Bangkok, 2 in K-L, and 3 in Singapore)

NA sites -

Motion to Approve Venue for 802 Plenary session March 2015

**Approve Estrel Hotel and Convention Center in Berlin,
Germany as site for the IEEE 802 Plenary Session
March 8-13, 2015, and authorize the IEEE 802 Exec
Secretary to complete the contract preparation and
IEEE contract execution.**

**Moved: Jon Rosdahl 2nd: James Gilb
Result: 13-0-0**

* Motion #17	Approve Estrel Hotel and Convention Center in Berlin, Germany as site for the IEEE 802 Plenary Session March 8-13, 2015, and authorize the IEEE 802 Exec Secretary to complete the contract preparation and IEEE contract execution.
Moved	Rosdahl
Second	Gilb
Results	13-0-0
Motion	Passes
Reference	4.01

Motion to Approve Venue for 802 Plenary session July 2017

Approve Estrel Hotel and Convention Center in Berlin, Germany as site for the IEEE 802 Plenary Session July 9-14, 2017, and authorize the IEEE 802 Exec Secretary to complete the contract preparation and IEEE contract execution, with James Gilb as the 802 Exec Committee designee.

Moved: Jon Rosdahl 2nd: James Gilb

Results: 12-1-0

Submission

Slide 16

Jon Rosdahl, CSR

* Motion #18	Approve Estrel Hotel and Convention Center in Berlin, Germany as site for the IEEE 802 Plenary Session July 9-14, 2017, and authorize the IEEE 802 Exec Secretary to complete the contract preparation and IEEE contract execution, with James Gilb as the 802 Exec Committee designee.
Moved	Rosdahl
Second	Gilb
Results	12-1-0
Motion	Passes
Reference	4.01

Time 2:43

4.02	MI	Treasurer's Request for Funding Allocations	Chaplin	15	02:38 PM
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Chaplin withdrew this agenda item.

Time 2:44

4.03	ME	Updates to IEEE LMSC P&P	Gilb	15	02:53 PM
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Gilb presented the following slides (See changes email)

Proposed rule changes for March 2014

Guidelines for IEEE-SA Meetings

- **All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.**
- **Don't discuss the interpretation, validity, or essentiality of patents/patent claims.**
- **Don't discuss specific license rates, terms, or conditions.**
 - Relative costs, including licensing costs of essential patent claims, of different technical approaches may be discussed in standards development meetings.
 - Technical considerations remain primary focus
- **Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.**
- **Don't discuss the status or substance of ongoing or threatened litigation.**
- **Don't be silent if inappropriate topics are discussed... do formally object.**

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <http://standards.ieee.org/about/sasb/patcom/index.html>

See *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and "Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy" for more details.

This slide set is available
at <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt>

10.0 Revision of Sponsor P&P

- Revisions to these P&P shall be submitted to the Sponsor no less than 30 days in advance of a motion (or conclusion of an electronic ballot) to approve them. Amendments in response to comments on the P&P are permitted. Insufficient time to consider complex amendments is a valid reason to vote disapprove. A motion to revise the Sponsor P&P shall require a vote of approve by at least two thirds of all voting members of the Sponsor.
- We have 6 officers, 10 voting WG/TAG chairs (one overlap)
 - 15 voting members, 2/3 approval is 10 affirmative votes

4.1.5 Revision of OM and WG P&P

- Revisions to these documents shall be submitted by a Sponsor member to the Sponsor no less than 30 day in advance of a Sponsor Vote to approve them. The Sponsor member proposing the revision may modify the proposed revision during the 30 days prior to a Sponsor Vote (in response to comments). Insufficient time to consider complex modifications is a valid reason to vote disapprove. A motion to revise these documents shall require a vote of approve by at least two thirds of all voting members of the Sponsor. Votes to approve revisions shall be taken at a plenary session. If approved, revisions become effective at the end of the plenary session where the votes were taken.
- We have 6 officers, 10 voting WG/TAG chairs (one overlap)
 - 15 voting members, 2/3 approval is 10 affirmative votes

Proposed P&P changes

Editorial

- Issue: Some instances of “802” with out preceding “IEEE”
- Proposed Resolution: Search and replace all “802” with “IEEE 802” when the preceding acronym is not present
 - For example, see 5.2, fourth paragraph.

Hibernating WG Chairs

- In 5.2.1, change as shown:
 - Hibernating WG Chairs become Non-Voting Members of the Sponsor after their WG enters hibernation. The Sponsor Chair may appoint new **non-voting** hibernating WG Chairs to replace vacancies as soon as practical, subject to confirmation by the Sponsor at the next plenary meeting. A **non-voting** hibernating WG Chair of the Sponsor shall be recognized as a full member of the Sponsor, having all rights and meeting privileges except the right of voting on Sponsor motions.

Voting membership clarification

- Pointed out in July 2013 (rewrite?)
- 4.1 Voting membership
 - “Members of the Sponsor that are entitled by their office to have voting rights, obtain voting rights at the end of the plenary session where they are first confirmed or elected by the Sponsor. If election/appointment and confirmation by the Sponsor occur outside a plenary session, that member receives voting rights immediately upon Confirmation.”

Election of Sponsor Chair

- Change 3.1 to be:
 - The Sponsor Chair is elected by the WG Chairs and TAG Chairs who are Voting Members ~~members~~ of the Sponsor and is confirmed by the Standards Activities Board.

Removal of non-voting members

- Add to the end of 4.0
 - A Non-Voting Member may be removed by a two-thirds vote of the Voting Members of the Sponsor. Grounds for removal shall be included in any motion to remove a Non-Voting Member. The Non-Voting Member suggested for removal shall be given an opportunity to make a rebuttal prior to the vote on the motion for removal.

WG P&P proposed changes

Remove term limits

- Delete from 6.2
 - An officer who wishes to run for election who has held the office for five (5) or more full or partial terms shall seek permission from the WG. Any full or partial terms for that office count towards this requirement even if not held consecutively. Permission to run shall be sought at the plenary session prior to the session when the election will be held.

Maintaining credit

- Add new subclause to “7.2 WG membership status” titled “Maintaining credit”
 - To encourage attendance in certain target WGs whose subject matter is of significance to a WG, the WG Chair may designate other WGs as target groups.
 - A home group is a WG or TAG in which a person is a member (i.e., has voting rights). A target group is a WG or TAG in which the person is attending and the WG Chair of the home group has approved as target group. Maintaining credit is meeting participation credit that is registered in the home group while the person is attending a meeting in the target group.

Maintaining credit (cont)

- Continuing with a new paragraph
 - The Chair of the home group shall determine if maintaining credit will be allowed for that home group while attending a target group. A person registering attendance in a target group shall obtain attendance credit in the persons home group and the target group. If the person has more than one home group for which the Chair of the home group has allowed maintaining credit, then the person shall select which home group for which they will be given credit.

WG Chair session credit

- Change the following line in 7.2.1 as shown:
 - Membership may be declared at the discretion of the WG Chair (e.g., for contributors by correspondence or other significant contributions to the WG). The WG Chair may authorize meeting attendance credit for individuals while on activities approved by the WG Chair.

Ex-officio members

- Add to 7.2 “Ex-officio members are allowed to vote on any WG motion or ballot, but are not counted towards quorum requirements or ballot return requirements if they don't vote.”

Changes to Chair's Guidelines

Relax commercialization restrictions

- Add to the end of 2.6 in IEEE 802 LMSC CG
- The Sponsor Chair may allow any of the following for a company that provides financial sponsorship for an IEEE 802 session:
 - Logos on meeting website, badges and signage, Host can provide additional signage i.e. banners)
 - Logos on t-shirts and lanyards (provided by Host)
 - Public acknowledgement by the IEEE 802 at the Plenary
 - Limited number of complimentary registrations for the meeting and an earlier meeting for Host personnel to aid in preparation.
 - Limited product exhibition space
 - Table for literature and pop-up banner, outside meeting rooms only.
 - Social media promotion
 - Speaking opportunity at reception, plenary or tutorial, but not a product pitch
 - Joint press release

Proposed rule changes for March 2014

10.0 Revision of Sponsor P&P

- Revisions to these P&P shall be submitted to the Sponsor no less than 30 days in advance of a motion (or conclusion of an electronic ballot) to approve them. Amendments in response to comments on the P&P are permitted. Insufficient time to consider complex amendments is a valid reason to vote disapprove. A motion to revise the Sponsor P&P shall require a vote of approve by at least two thirds of all voting members of the Sponsor.
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- Revisions to these documents shall be submitted by a Sponsor member to the Sponsor no less than 30 day in advance of a Sponsor Vote to approve them. The Sponsor member proposing the revision may modify the proposed revision during the 30 days prior to a Sponsor Vote (in response to comments). Insufficient time to consider complex modifications is a valid reason to vote disapprove. A motion to revise these documents shall require a vote of approve by at least two thirds of all voting members of the Sponsor. Votes to approve revisions shall be taken at a plenary session. If approved, revisions become effective at the end of the plenary session where the votes were taken.
- We have 6 officers, 10 voting WG/TAG chairs (one overlap)
 - 15 voting members, 2/3 approval is 10 affirmative votes

IEEE LMSC P&P motions

- This motion is brought under Clause 10.0 “Revision of Sponsor P&P” of the IEEE 802 LMSC P&P.
- Moved: Approve the changes in ec-14-0011-03-00EC, slide 6-10.
 - Moved: Gilb
 - Second: D'Ambrosia
 - Vote:

* Motion #19	Approve the changes in ec-14-0011-04-00EC, slide 6-10.
Moved	Gilb
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	4.03

Action Item 4.03 Thaler develop a process to capture EC approved CSDs and make publicly available for easy review

Appointment of Members Emeritus

- This motion is brought under Clause 10.0 “Revision of Sponsor P&P” of the IEEE 802 LMSC P&P.
- Moved: Add as the penultimate paragraph of 4.0 in the IEEE 802 LMSC P&P
 - “Members Emeritus are appointed by the Sponsor Chair and are confirmed by the Sponsor”
- Moved: Remove Members Emeritus and all references to it from the IEEE 802 LMSC P&P, IEEE 802 LMSC OM and IEEE 802 LMSC CG

* Motion #20	Remove Members Emeritus and all references to it from the IEEE 802 LMSC P&P, IEEE 802 LMSCOM and IEEE 802 LMSC CG
Moved	Jeffree
Second	Thaler
Results	2-3-8
Motion	Motion Fails
Reference	4.03

* Motion #21	“Members Emeritus are appointed by the Sponsor Chair and are confirmed by the Sponsor”
Moved	Gilb
Second	D’Ambrosia
Results	11-1-1
Motion	Motion passes
Reference	4.03

4.04	MI	Updates to IEEE LMSC OM, WG P&P and Chair's Guidelines	Gilb	10	03:08 PM
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Gilb presented the following slides

March 2014

ec-14-0026-01-00EC

WG P&P updates

- This motion is brought under the process described in the subclause “Revision of the IEEE 802 LMSC OM and IEEE 802 LMSC WG P&P” of the IEEE 802 LMSC OM.
- Motion: The EC approves the changes described in document ec-14-0011-03, slides 12-16, to the IEEE 802 LMSC Working Group Policies & Procedures
 - Moved: Gilb
 - Second: D'Ambrosia
 - Vote:

IEEE 802 LMSC EC

Slide 6

James Gilb (Tensorcom)

* Motion #22	The EC approves the changes described in document ec-14-0011-04, slides 12-16, to the IEEE 802 LMSC Working Group Policies & Procedures
Moved	Gilb
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	4.03

CG updates

- This motion is brought under the normal process of approving actions of the Sponsor.
- Motion: The EC approves the changes described in document ec-13-0011-03, slide 18, to the IEEE 802 LMSC Chair's Guidelines
 - Moved: Gilb
 - Second: D'Ambrosia
 - Vote:

* Motion #23	The EC approves the changes described in document ec-13-0011-04, slide 18, to the IEEE 802 LMSC Chair's Guidelines
Moved	Gilb
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	4.03

Time 3:03pm

Gilb requested that the noted break be moved to now. There were no objections.

Time 3:10pm – meeting reconvened.

4.05	MI	Deletion of "Member(s) Emeritus" from the 802 rules documents	Jeffree	10	03:18 PM
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Group agreed to hear motion out of order (Refer to Agenda Item 4.03)

4.06	MI*	Add Reflector Policy, per Thaler Email to SEC Reflector (http://www.ieee802.org/secmail/msg17299.html), to Chair's Guidelines.	Thaler	0	03:28 PM
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Approved with approval of agenda.

5.00		IEEE Standards Board and Sponsor Ballot Items			03:28 PM
5.01		IEEE 802.19	Shellhammer		03:28 PM
5.011	ME	IEEE 802.19.1 to RevCom	Shellhammer	3	03:28 PM

March 2014 EC Motions

Date: 2014-03-20

Authors:

Name	Company	Address	Phone	E-mail
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WG Motion to Reconfirm 802.19.1 5C

- **Move to reaffirm the IEEE P802.19.1 5C in document 802.19-09-0081r1**
- **Moved: Stanislav Filin**
- **Second: Hyunduk Kang**
- **Yes: 6**
- **No: 0**
- **Abstain: 0**

EC Motion to Reconfirm 5C

- **Move to reaffirm the IEEE P802.19.1 5C in document 802.19-09-0081r1**
- **Move: Steve Shellhammer**
- **Second:**
- **Yes**
- **No**
- **Abstain**

Sponsor Ballot Results

	Sponsor Ballot	Recirc#1	Recirc#2	Recirc#3
Draft Number	D3.06	D4.0	D5.0	D5.0
Ballot Closed	12/27/2013	2/7/2014	3/1/2014	3/15/2014
Ballot Group	110	110	110	110
Returned Ballots	94	96	97	98
Yes	75	82	88	89
No with Comments	7	6	1	1
No without Comments	3	0	0	0
Abstain	9	8	8	8
Comments Received	102	20	0	0
Must be Satisfied Comments	25	7	0	0
Return Rate	85% \geq 75%	87% \geq 75%	88% \geq 75%	89% \geq 75%
Abstain Rate	8% $<$ 30%	7% $<$ 30%	7% $<$ 30%	7% $<$ 30%
Approval Rate	91% \geq 75%	93% \geq 75%	99% \geq 75%	99% \geq 75%

Outstanding No Voter

Outstanding No Voter	Number of Technical Comments
Ivan Reede	1

- **Sponsor Ballot Comment Resolution Spreadsheet**
- <https://mentor.ieee.org/802.19/dcn/14/19-14-0029-00-0000-sponsor-ballot-comments-summary.xlsx>

WG RevCom Motion

- **Motion: Request IEEE 802 Executive Committee approval to submit the IEEE P802.19.1 D5.0 to RevCom**
- **Moved: Hyunduk Kang**
- **Seconded: Stanislav Filin**
- **Yes: 9**
- **No: 0**
- **Abstain: 0**

Motion for RevCom Submission

- **Request unconditional Executive Committee approval to submit the P802.19.1 D5.0 to RevCom**
- **Move: Steve Shellhammer**
- **Second:**
- **Yes:**
- **No:**
- **Abstain:**

* Motion #24	Move to reaffirm the IEEE P802.19.1 5C in document 802.19-09-0081r1
Moved	Shellhammer
Second	Das
Results	13-0-0
Motion	Passes
Reference	5.011

* Motion #25	Request unconditional Executive Committee approval to submit the P802.19.1 D5.0 to RevCom
Moved	Shellhammer
Second	Lynch
Results	13-0-0
Motion	Passes
Reference	5.011

5.02		IEEE 802.21	Das		03:31 PM
5.021	ME	IEEE 802.21c to RevCom	Das	3	03:31 PM

Das presented the following material.

doc.: 21-14-0069-00-0000

IEEE 802.21 Motions in March Plenary

DCN: 21-14-0069-00-0000

Title: Request for EC Unconditional Approval

Date Submitted: March 21, 2014

Presented at EC Closing Plenary, March 2014

Authors or Source(s):

Subir Das, Applied Communication Sciences

Abstract: This document contains Sponsor Ballots summary and motions for EC unconditional approval to forward the IEEE P802.21c Draft to the IEEE SA RevCom

Sponsor Ballot Statistics

Number of People in the Sponsor Ballot Pool = 75

IEEE Sponsor / Re-circ Ballot	Response Ratio	Approval Ratio	Negative Votes	Number of Negative Comments Received	Comment Resolution Status	Draft Status
Sponsor Ballot #1 Open Oct 14, 2013, Closed Nov 13 2013	84% (6% Abstain)	93%	4 negative votes with comments, 0 negative vote without comment	46	Comments on P802.21c/D06 addressed, resolved and incorporated into P802.21c/D07	P802.21c/D06 prepared and circulated
Sponsor Ballot Re-circ #1 Open Dec 13, 2013, Closed Dec 28, 2013	86% (4% Abstain)	98%	1 negative vote (from the voter who did not resubmit vote during recir)	0 new comments	No new comments to resolve	P802.21c/D07

Submission

Slide 2

Subir Das, Chair IEEE 802.21

Voters with Negative Votes

Commenter	Number of TR/ ER/GR Comments during SB #1 and SB Re-circ #1 from the commenter	Status After Sponsor Ballot Re-circ #1
Byrd, William (PRIVACOM VENTURES, INC.)	SB#1: 0/0/1 SB Re-circ#1: 0/0/1	Did not change vote.

Submission

Slide 3

Subir Das, Chair IEEE 802.21

Links to Sponsor Ballot Comments and Resolutions

- **SB #1:** <https://mentor.ieee.org/802.21/dcn/13/21-13-0219-03-srho-sb-comments-and-resolution.csv>
- **SB re-circ #1:** no new comments to resolve

Negative Comments and Resolution Details (SB Re-Circ#1)(1/2)

Commenter:**Comment:**

I can not approve a standard with only 2 participants. I will be happy to review this vote once I am presented with the complete working group membership.

Suggested remedy: Participant list is added to the list

Resolution Status: Accepted

Disposition Details: Confirmed with IEEE that the list are usually added prior to submitting to SA so they are **added after ballot**. Yet it does not hurt to list the WG members now. Participant list is added.

Note: D07 contains the participant list but the voter did not change his vote. WG Chair sent mail but no response from the voter so far.



P802.21 WG Motion

Approve document number DCN: 14/21-14-0023-00-srho-802-21c-csd.docx as the CSD for IEEE 802.21c and authorize the WG Chair to request the EC to forward draft D07 to IEEE SA RevCom.

Moved by: H Anthony Chan
Seconded by : Hyunho Park

For: 08
Against: 00
Abstain: 00

Motion passes



EC Motion

Approve the CSD for IEEE 802.21c in document number DCN: 14/21-14-0023-00-srho-802-21c-csd.docx

Moved by: Subir Das
Seconded by : Bob Heile

For:
Against:
Abstain:

Motion

EC Motion to forward the IEEE P802.21c to the IEEE SA RevCom

IEEE 802 Executive Committee authorizes to forward P802.21c/D7.0 to IEEE SA RevCom.

Move: Subir Das

Second:

For:

Against:

Abstain:

Motion

* Motion #26	Approve the CSD for IEEE 802.21c in document number DCN: 14/21-14-0023-00-srho-802-21c-csd.docx.
Moved	Das
Second	Heile
Results	13-0-0
Motion	Passes
Reference	5.021

Discussion – Das indicated that no changes to the CSD have been made.

* Motion #27	IEEE 802 Executive Committee authorizes to forward P802.21c/D7.0 to IEEE SA RevCom.
Moved	Das
Second	Heile
Results	13-0-0
Motion	Passes
Reference	5.021

Time: 3:40pm

5.03		IEEE 802.22	Mody		03:34 PM
5.031	ME	IEEE 802.22 Revision PAR to NesCom	Mody	3	03:34 PM

Mody showed the following material.

March 2014

doc.: IEEE 22-14/0059r0

Motion to Approve the 802.22 Revision PAR

Comments received AFTER the November 2013 Plenary Meeting

Comments from 802.16

Comment from the 802.16 Working Group

From: Roger Marks [mailto:r.b.marks@gmail.com]

Sent: Thursday, January 23, 2014 5:16 PM

To: Mody, Apurva (US SSA)

Cc: harrybims@me.com

Subject: Re: Some further comments: 802.22 Revision PAR - How should we move forward

Apurva,

The 802.16 Closing Plenary discussed the specific language you mentioned and still has difficulties with it. We believe that the intent would be better reflected by wording such as: **“bands in which communication devices may opportunistically operate in the spectrum of a Primary Service.”**

Roger

Comments from 802.16

802.22 Response:

We accept this comment – The new title reads as follows:

Standard for Information technology-- Local and metropolitan area networks-- Specific requirements-- Part 22: Cognitive Radio Wireless Regional Area Networks (WRAN) Medium Access Control (MAC) and Physical Layer (PHY) specifications: Policies and procedures for operation in the ~~TV~~~~Bands that Allow Spectrum Sharing where the between Primary Services and Opportunistic Communications Devices may Opportunistically Operate in the Spectrum of a Primary Service.~~

6. 802.22 Revision PAR for 802.22-2011, PAR and CSD

- **Comment from the 802.11 Working Group: General** – This seems to be a word document that does not capture the correct PAR format. Please put into myProject and allow it to generate the proper output file to give the correct change bars and edit changes.
- **802.22 Response:** Accept. Although this PAR Form was generated using MyProject. But it reflects changes made as a result of the comments that have been received over last couple of months. However, if you wish to see the final PAR form which reflects the changes between the approved PAR (2006) and the proposed revision PAR, we can provide it.

6. 802.22 Revision PAR for 802.22-2011, PAR and CSD

- **Comment from the 802.11 Working Group:** 2.1 Title – dropping the TV from the “TV bands” leaves the title without bound of the frequencies being used. Suggest add “bands between 1300 MHz to 1750 MHz, 2700 MHz to 3700 MHz and 54 MHz to 862 MHz. “ to the title to ensure people know what this standard is covering.
- **802.22 Response:** 802.22 WG Rejects this comment. We believe that we have provided the frequency range in Section 5.2, the Scope. Also as required by the NESCOM convention, the Title is within the Scope. As such, this standard is going to be used in the Bands that Allow Spectrum Sharing in which Communications Devices may Opportunistically Operate in the Spectrum of a Primary Service. This bounds the scope for this project.
- **Comment from the 802.11 Working Group:** 7.1 802.11af should be lower-case. **802.22 Response:** Accept.

802.22 Revision PAR (Cont)

- **Comment from the 802.11 Working Group:** 8.1 the text there does not belong – it does not indicate which section it is giving extra explanation to. Delete all the text in 8.1 – consider adding to CSD or to section 5.5 Need for project.
- **802.22 Response:** Accept

802.22 Revision PAR (Cont)

- **Comment from the 802.11 Working Group:** Use approved CSD form:
 - CSD 1.2.2 – missing template or question...not from the approved template?
 - CSD 1.2.4 missing template or question...not from the approved template?
- **802.22 Response:** Comment Resolution - The Approved CSD Form was used. Just that the Questions were not repeated for Sections 1.2.2 and 1.2.4. The questions have been included in the revision ([Link](#)) for your reference.
- CSD 802.11af should be lowercase letters. Change all instances.
- **802.22 Response:** Accept
- CSD 1.2.4 last sentence does not parse correctly . Look at how this “802.22 (Wi-Far)” is described.
- **802.22 Response:** Sentence modified to read “Industry consortia such as the WhiteSpace Alliance are working on 802.22 (Wi-FAR™) inter-operability, compliance, testing and certification procedures.”

802.22 Working Group Motion Authorizing the 802.22 Revision PAR Form

Move to approve the contents of the document: [22-14-0057Rev0](#) as the contents of the P802.22 Revision PAR, and the contents of the document: [22-13-0156Rev5](#) as the contents of the P802.22 Revision PAR Criteria for Standard Development (CSD), to be forwarded to the IEEE 802 EC. To allow the Chair to make a motion during the Closing EC Meeting seeking approval to submit the PAR form to IEEE SANESCOM. To allow the Chair to make subsequent submission of the PAR form to the IEEE SANESCOM upon its approval from the EC. To allow the Chair to make any necessary changes to the PAR form based on the comments from IEEE 802 EC or the IEEE SANESCOM members and submit the revised PAR to the NESCOM.

Move: Chang-woo Pyo
 Second: Apurva Mody
 For: 11
 Against: 0
 Abstain: 0
 Motion Passes.

EC Motion Authorizing the 802.22 Revision PAR Form to be Forwarded to NESCOM

EC Approves the 802.22 Revision PAR Form as contained in Document [22-14-0057 Rev0](#), and allows the PAR Form to be forwarded to the IEEE SA NESCOM

Move: Apurva N. Mody

Second:

For:

Against:

Abstain:

Motion passes/ Fails

The Chair noted that Mody was an invalid second, however, but 1st Vice Chair indicated that under Robert's Rules, a defect in the second doesn't impact the validity of the motion once discussion / voting has commenced..

* Motion #28	EC Approves the 802.22 Revision PAR Form as contained in Document 22-14-0057 Rev0, and the contents of the document 22-13-0156Rev5 as the CSD and allows the PAR Form to be forwarded to the IEEE SA NESCOM
Moved	Mody
Second	Heile
Results	12-1-0
Motion	passes
Reference	5.031

Time: 3:50pm

5.04		IEEE 802.1	Jeffree		03:37 PM
5.041	ME	IEEE P802 to RevCom (Conditional)	Jeffree	3	03:37 PM

The EC began its final entry into the legendary, mythical, have-to-be-seen-for-yourself “Jeffree time” as Jeffree presented the following material.

Motion

- 802.1 requests EC conditional approval to submit P802 REV to RevCom.
- Proposed: Gilb
- Second: Gray
- For ___19___ Against ___0___ Abstain ___1___
- EC proposed: Second:
- For ___ Against ___ Abstain ___

P802 REV - Last ballot statistics

- Ballot Open Date: 27-Feb-2014, Ballot Close Date: 14-Mar-2014
- Comments: 41, Must Be Satisfied Comments: 40

- RESPONSE RATE: This ballot has met the 75% returned ballot requirement.
- 174 eligible people in this ballot group.
- 145 affirmative votes
- 5 negative votes with comments
- 0 negative votes without comments
- 7 abstention votes: (Lack of expertise: 3, Lack of time: 4)
- 158 votes received = 90% returned, 4% abstention

- APPROVAL RATE: The 75% affirmation requirement is being met.
- 146 affirmative votes
- 5 negative votes with comments
- 151 votes = 96% affirmative

- The comments are at:

<https://mentor.ieee.org/802-ec/dcn/14/ec-14-0019-02-00EC-802-sb3-comments.ods>

Slide 5

Unsatisfied no voters

- Roger Marks – 1 comment in SB3
- Geoff Thompson – 5 comments in SB2
- Bob Grow – 34 comments in SB2
- Mark Hamilton – 38 comments in SB3
- David Hunter – 25 comments in SB2
- Unsatisfied comments found at:
 - <https://mentor.ieee.org/802-ec/dcn/14/ec-14-0019-02-00EC-802-sb3-comments.ods>

Slide 6

Ballot schedule

- Next recirculation, starting 25 March 2014, 15 day ballot
- Conference call to resolve comments
– 16 April, 2014, 8 am PDT
- Follow-on recirculation starting 25 April 2014, 15 day ballot
- Submit either for June RevCom or intermediate meeting.

Slide 7

* Motion #29	802.1 requests EC conditional approval to submit P802 REV to RevCom.
Moved	Gilb
Second	Thaler
Results	13-0-0
Motion	Passes
Reference	5.041

Time: 3:53PM

5.042	ME	P802.1AX-REV to Sponsor ballot (unconditional)	Jeffree	3	03:40 PM
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Jeffree presented the following material.

Motion

- 802.1 requests EC approval to submit P802.1AX-REV to Sponsor Ballot.
- Proposed: Haddock
- Second: Saltsidis
- For __18__ Against __0__ Abstain __0__
- EC : Approve the CSD for P802.1AX-REV and approve submission of the project to Sponsor ballot
- <http://www.ieee802.org/1/files/public/docs2012/new-ax-rev-draft-5c-0112.pdf>
- proposed: Jeffree Second: Thaler
- For ___ Against ___ Abstain ___

P802.1AX-REV ballot stats

- Yes 16 (100%)
- No 0 (0%)
- Voting Yes or No 16 (46,0%)
- Abs. Time 6 (16,2%)
- Abs. Expertise 12 (32,4%)
- Abs. Other 2 (5,4%)
- Respondents 37 (100%)
- Voters 34 (57%)

Motion

- 802.1 confirms the CSD for P802.1AX
- <http://www.ieee802.org/1/files/public/docs2012/new-ax-rev-draft-5c-0112.pdf>

- Proposed: Thaler
- Second: Gray
- For __18__ Against __0__ Abstain __0__

* Motion #30	<ul style="list-style-type: none">• Approve the CSD for P802.1AX-REV and approve submission of the project to sponsor ballot• http://www.ieee802.org/1/files/public/docs2012/new-ax-rev-draft-5c-0112.pdf
Moved	Jeffree
Second	Thaler
Results	13-0-0
Motion	Passes
Reference	5.042

5.043	ME	P802.1Qcd to Sponsor Ballot (unconditional)	Jeffree	3	03:43 PM
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Jeffree presented the following material.

Motion

- 802.1 requests EC approval to begin Sponsor ballot of 802.1Qcd

Ballot group formation to occur after the PAR modification is approved

- Proposed: Thaler
- Second: Gray

For 18 Against 0 Abstain 2

- EC : Approve the CSD for P802.1Qcd and approve submission of the project to Sponsor ballot
- <http://www.ieee802.org/1/files/public/docs2013/new-p802-1qcd-draft-5c-0513-v01.pdf>
- proposed: Jeffree Second: Thaler
- For___Against___Abstain_____

P802.1Qcd ballot stats

- Results of the WG recirculation
- Voters: 55
-
- Yes: 19
- No: 0
- Abstain: 13
- Total responses: 32 = 58%
- Approval % = 100%
-

Motion

- 802.1 confirms the CSD for P802.1Qcd
- <http://www.ieee802.org/1/files/public/docs2013/new-p802-1qcd-draft-5c-0513-v01.pdf>

- Proposed: Thaler
- Second: Gray
- For 17 Against 0 Abstain 3

* Motion #31	<ul style="list-style-type: none">• Approve the CSD for P802.1Qcd and approve submission of the project to Sponsor ballot• http://www.ieee802.org/1/files/public/docs2013/new-p802-1qcd-draft-5c-0513-v01.pdf
Moved	Jeffree
Second	Thaler
Results	12-0-0
Motion	Passes
Reference	5.043

5.044	ME	P802.1 Qcd PAR modification to NesCom	Jeffree	3	03:46 PM
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Jeffree presented the following material.

MOTION

- 802.1 requests EC approval to forward the IEEE 802.1Qcd PAR modification to NesCom
<http://www.ieee802.org/1/files/public/docs2014/cd-thaler-Qcd-PAR-mod-0314-v02.pdf>
 - Proposed: thaler
 - Second: Gray
- For 19 Against 0 Abstain 2
- EC proposed: Jeffree Second: Thaler
 - For ___ Against ___ Abstain ___

Qcd PAR modification – supporting info

- PAR modification circulated to EC as per P&P
- Comments from 802.11 were received and answered
- Updated PAR modification was posted

* Motion #32	<ul style="list-style-type: none"> • Approve submission of the IEEE 802.1Qcd PAR modification to NesCom • http://www.ieee802.org/1/files/public/docs2014/cd-thaler-Qcd-PAR-mod-0314-v02.pdf
Moved	Jeffrey
Second	Thaler
Results	13-0-0
Motion	Passes
Reference	5.044

Time: 3:58pm

5.05		IEEE 802.3	Law		03:49 PM
5.051	ME	IEEE 802.3bj to RevCom (Conditional)	Law	3	03:49 PM

Law presented following material.



ME: IEEE P802.3bj 100 Gb/s Backplane and Copper Cable to RevCom (conditional)

IEEE P802.3bj 100 Gb/s Backplane and Copper Cable to RevCom (conditional)

Item 1: Date the ballot closed

The 1st Sponsor recirculation ballot on IEEE P802.3bj draft D3.1 closed on 28th February 2014 at 23:59 ET

Item 2: Vote tally (as of Friday 20th March 01:27 UCT)

	Initial Draft D3.0			1 st Recirculation Draft D3.1			Req %
	#	%	Status	#	%	Status	
Abstain	3	4	PASS	3	3	PASS	< 30
Disapprove with comment	10	-	-	3	-	-	-
Disapprove w/o comment	0	-	-	0	-	-	-
Approve	70	87	PASS	82	96	PASS	≥ 75
Ballots returned	83	76	PASS	88	80	PASS	≥ 75
Voters	109	-	-	109	-	-	-
Comments	218	-	-	62	-	-	-

IEEE P802.3bj 100 Gb/s Backplane and Copper Cable to RevCom (conditional)

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

No unresolved negative comments

Two disapprove voters have no comments marked MBS

One has indicated all comments have been satisfied

Item 4: Recirculation ballot and resolution meeting schedule

2nd Sponsor recirculation ballot open date 15th April 2014

2nd Sponsor recirculation ballot close date 30th April 2014

Comment resolution meeting week of 12th May 2014

CSD (grandfathered 5 Criteria responses) URL:

http://www.ieee802.org/3/bj/5C_1112.pdf

IEEE P802.3bj 100 Gb/s Backplane and Copper Cable to RevCom (conditional)

Motion

The IEEE 802 LMSC Executive Committee grants conditional approval to forward IEEE P802.3bj to RevCom and approves the IEEE P802.3bj CSD (grandfathered 5 Criteria responses) responses

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

Working Group vote

Conditional approval: Y: 72, N: 0, A: 2
CSD approval: Y: 73, N: 0, A: 0

* Motion #33	The IEEE 802 LMSC Executive Committee grants conditional approval to forward IEEE P802.3bj to RevCom and approves the IEEE P802.3bj CSD (grandfathered 5 Criteria responses) responses
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	5.051

Time: 4:00pm

5.052	ME	IEEE 802.3bm to Sponsor Ballot (Conditional)	Law	3	03:52 PM
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Law presented the following material

ME: IEEE P802.3bm 40 Gb/s and 100 Gb/s Fibre Optic to Sponsor ballot (conditional)

IEEE P802.3bm 40 Gb/s and 100 Gb/s Fibre Optic to Sponsor ballot (conditional)

Item 1: Date the ballot closed

The 1st Working Group recirculation ballot on IEEE P802.3bm draft D2.1 closed on 28th February 2014 at 23:59 AoE

Item 2: Vote tally (as of Friday 20th March 01:51 UCT)

	Initial Draft D3.0			1 st Recirculation Draft D3.1			Req %
	#	%	Status	#	%	Status	
Abstain	29	22	PASS	30	22	PASS	< 30
Disapprove with comment	15	-	-	8	-	-	-
Disapprove w/o comment	1	-	-	1	-	-	-
Approve	87	85	PASS	98	92	PASS	≥ 75
Ballots returned	132	52	PASS	137	54	PASS	> 50
Voters	251	-	-	251	-	-	-
Comments	183	-	-	113	-	-	-

IEEE P802.3bm 40 Gb/s and 100 Gb/s Fibre Optic to Sponsor ballot (conditional)

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

4 unresolved negative comments from 1 commenter

See attached file 'P802d3bm_D2p1_unsatisfied_ID.pdf'

Item 4: Schedule for recirculation ballot and resolution meeting

2nd Working Group recirculation ballot open date 7th April 2014

2nd Working Group recirculation ballot close date 25th April 2014

Comment resolution meeting week of 12th May 2014

CSD (grandfathered 5 Criteria responses) URL:

http://www.ieee802.org/3/bm/P8023bm_5Criteria_1113.pdf

IEEE P802.3bm 40 Gb/s and 100 Gb/s Fibre Optic to Sponsor ballot (conditional)

Motion

The IEEE 802 LMSC Executive Committee grants conditional approval to forward IEEE P802.3bm to Sponsor ballot and approves the IEEE P802.3bm CSD (grandfathered 5 Criteria responses) responses

M: Law S: D'Ambrosia

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

Working Group votes

Conditional approval: Y: 89, N: 0, A: 0

CSD approval: Y: 88, N: 0, A: 4

* Motion #34	The IEEE 802 LMSC Executive Committee grants conditional approval to forward IEEE P802.3bm to Sponsor ballot and approves the IEEE P802.3bm CSD (grandfathered 5 Criteria responses) responses
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	passes
Reference	5.052

Time: 4:04pm

5.053	ME	IEEE 802.3bp PAR Modification to NesCom	Law	3	03:55 PM
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Law presented the following material



ME: PAR modification request: IEEE P802.3bp Reduced Twisted Pair Gigabit Ethernet PHY

IEEE P802.3bp Reduced Twisted Pair Gigabit Ethernet PHY PAR modification request and CSD responses

Title

Standard for Ethernet Amendment Physical Layer Specifications and Management Parameters for 1 Gb/s Operation over a Single Twisted Pair Copper Cable

Summary of modification request

The IEEE P802.3bp project has decided to support only single pair operation. Based on this, in PAR item 2.2 'Amendment title', item 5.2B 'Scope of project' and item 5.5 'Need for the project', fewer than three twisted pairs has been changed to a single twisted pair. In addition PAR item 4.2 'Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot' and item 4.3 'Projected Completion Date for Submittal to RevCom' the dates were corrected.

Draft PAR modification request

http://www.ieee802.org/3/bp/P802_3bp_PAR_modification_0114.pdf

Unmodified CSD responses (grandfathered 5 Criteria responses)

<http://www.ieee802.org/3/bp/5Criteria.pdf>

IEEE P802.3bp Reduced Twisted Pair Gigabit Ethernet PHY PAR modification request and CSD responses

Motion

The IEEE 802 LMSC Executive Committee approves the IEEE P802.3bp CSD (grandfathered 5 Criteria responses) responses and forwards the IEEE P802.3bp PAR modification request to NesCom

M: Law S: D'Ambrosia

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

Working Group vote

PAR modification approval: Y: 81, N: 0, A: 3

CSD approval: Y: 88, N: 0, A: 1

* Motion #35	The IEEE 802 LMSC Executive Committee approves the IEEE P802.3bp CSD (grandfathered 5 Criteria responses) responses and forwards the IEEE P802.3bp PAR modification request to NesCom
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	passes
Reference	5.053

5.054	ME	IEEE 802.3bs 400 Gb/s Ethernet PAR to NesCom	Law	3	03:58 PM
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Law presented the following material



ME: New PAR: IEEE P802.3bs 400Gb/s Ethernet

IEEE P802.3bs 400Gb/s Ethernet PAR and CSD responses

Title

Standard for Ethernet Amendment Media Access Control Parameters, Physical Layers and Management Parameters for 400 Gb/s Operation

Scope of project

Define Ethernet Media Access Control (MAC) parameters, physical layer specifications, and management parameters for the transfer of Ethernet format frames at 400 Gb/s.

IEEE P802.3bs 400Gb/s Ethernet PAR and CSD responses

Need

The project is necessary to provide solutions for aggregation & high-bandwidth interconnect in these key application areas: cloud-scale data centers, internet exchanges, co-location services, wireless infrastructure, service provider and operator networks, and video distribution infrastructure.

Draft PAR

http://www.ieee802.org/3/400GSG/project_docs/PAR_400_14_0121.pdf

Draft CSD responses

http://www.ieee802.org/3/400GSG/project_docs/CSD_400_14_0121.pdf

IEEE P802.3bs 400Gb/s Ethernet PAR and CSD responses

Motion

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

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

Working Group votes on approval of individual items:

Project Authorization Request:	Y: 85, N: 0, A: 0
Project process requirements:	Y: 92, N: 0, A: 1
Broad Market Potential criterion:	Y: 88, N: 0, A: 1
Compatibility criterion:	Y: 87, N: 0, A: 1
Distinct Identity criterion:	Y: 83, N: 0, A: 0
Technical Feasibility criterion:	Y: 79, N: 0, A: 3
Economic Feasibility criterion:	Y: 83, N: 0, A: 5

* Motion #36	The IEEE 802 LMSC Executive Committee approves the IEEE P802.3bs CSD responses and forwards the IEEE P802.3bs PAR to NesCom
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	passes
Reference	5.053

5.06		IEEE 802.11	Kraemer		04:01 PM
5.061	ME	IEEE 802.11 HEW PAR to NesCom	Kraemer	5	04:01 PM

Kraemer presented following material

5.061 EC Motion:**Approve submission of the 802.11ax PAR**

<https://mentor.ieee.org/802.11/dcn/14/11-14-0165-01-0hew-802-11-hew-sg-proposed-par.docx>

to NesCom.

Move: Bruce Kraemer

Second: Jon Rosdahl

Submission

Slide 4

Bruce Kraemer, Marvell

March 2014

doc.: IEEE 802.11-13/0256r0

5.061 HEW PAR to NesCom PAR Motion

- **Believing that the PAR contained in the document referenced below meets IEEE-SA guidelines,**
- **Approve the PAR contained in 11-14/0165r1**
(<https://mentor.ieee.org/802.11/dcn/14/11-14-0165-01-0hew-802-11-hew-sg-proposed-par.docx>, CSD in <https://mentor.ieee.org/802.11/dcn/14/11-14-0169-01-0hew-ieee-802-11-hew-sg-proposed-csd.docx>) **be submitted to NesCom.**
- **Moved: Bruce Kraemer**
- **Seconded:**
- **In the WG**
 - Moved by Osama Aboul-Magd on behalf of HEW SG
 - Seconded: Richard Kennedy
 - Result: 171,0,2 - passes

Submission

Slide 5

Osama Aboul-Magd (Huawei Technologies)

* Motion #37	Approve submission of the 802.11ax PAR https://mentor.ieee.org/802.11/dcn/14/11-14-0165-01-0hew-802-11-hew-sg-proposed-par.docx to NesCom.
Moved	Kraemer
Second	Rosdahl
Results	13-0-0
Motion	passes
Reference	5.061

**5.061 EC Motion:
Approve the 802.11ax CSD**

<https://mentor.ieee.org/802.11/dcn/14/11-14-0169-01-0hew-ieee-802-11-hew-sg-proposed-csd.docx>

**Move: Bruce Kraemer
Second: Jon Rosdahl**

* Motion #38	Approve the 802.11ax CSD https://mentor.ieee.org/802.11/dcn/14/11-14-0169-01-0hew-ieee-802-11-hew-sg-proposed-csd.docx
Moved	Kraemer
Second	Rosdahl
Results	12-0-0
Motion	passes
Reference	5.061

Time: 4:08pm

5.07		IEEE 802.15	Heile		04:06 PM
5.071	ME	IEEE 802.15.3d 100Gbps wireless switched point-to-point physical layer PAR to NesCom	Heile	15	04:06 PM

Heile presented the following material.

802.15.3d Draft PAR to NesCom

802.15.3d Draft PAR to NesCom

- Comments were received from
 - 802.11
 - John D'Ambrosia
- Responses to comments were circulated Wednesday afternoon and contained in Doc # 15-14-0186-00 along with the revised draft PAR (15-13-523-06) and revised CSD (15-13-522-05 with change bars 15-13-522-06 with changes accepted)

Results of follow-on meeting with 802.11

Proposed further modification to scope

5.2.b. Scope of the project: This amendment defines a wireless switched point-to-point physical layer to IEEE Std. 802.15.3 operating at a nominal PHY data rates typically in the range of 1 Gbps at the low end, and up to 100 Gbps with fallbacks to lower data rates as needed at the high end. Operation is considered in bands from 60 GHz up to and including optical wireless at ranges as short as a few centimeters and up to several 100m. Additionally, modifications to the Medium Access Control (MAC) layer, needed to support this new physical layer, are defined.

Results of follow-on meeting with 802.11

Proposed further modification to need

5.5 Need for the Project: In data centers wireless links will make frequent reconfiguration easier and more cost-effective. In the case of backhaul and fronthaul, wireless solutions will reduce costs for the case when installing a fiber network is not cost-effective. In the cases of close-proximity kiosk-downloading and intra-device communication, a minimum data rate achievable with high probability, is required, which should be possible because of the operation in a controlled environment. No wireless standard with all these properties, within the whole range of targeted data rates from 1 to operating at a primary data rate of 100 Gbps, with fallbacks to lower data rates as required and suitable for operation in a switched point-to-point-configuration exists today.

EC motion for 802.15.3d

The 802.15 Working Group requests authorization to forward the additionally modified draft PAR (dcn 15-13-523-07) to NesCom for consideration and approval.

WG vote (25, 0,1)

– Moved: Heile, Seconded: Gilb

EC back-up motion for 802.15.3d

The 802.15 Working Group requests authorization to forward the non additionally modified draft PAR (dcn 15-13-523-06) to NesCom for consideration and approval.

WG vote (24, 0,1)

– Moved: Heile, Seconded: Gilb

* Motion #39	The 802.15 Working Group requests authorization to forward the additionally modified draft PAR (dcn 15-13-523-07) to NesCom for consideration and approval and also approve the CSD (dcn15-13-533-06).
Moved	Heile
Second	Gilb
Results	9-0-2
Motion	passes
Reference	5.071

5.072	ME	IEEE 802.15.4r Radio Based DMT to NesCom	Heile	5	04:21 PM
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Heile presented the following material.

March 2014

doc.: IEEE 802.15-14-0210-00-0000

802.15.4r Draft PAR to NesCom

Submission

Slide 8

Bob Heile, ZigBee Alliance

March 2014

doc.: IEEE 802.15-14-0210-00-0000

802.11 Comments on 802.15.4r PAR and CSD

- 5.5 – expand RTLS the first instance it is used.
- CSD – 14.2.3
 - The first sentence does not parse well. Consider rewording
 - This statement does not seem to indicate a distinct identity, but rather a change to the radio being used.
 - “needs of IEEE 802.15.4” - the standard has not the “need” but rather the users of the standard.
 - Could this statement simply be that you are adding ranging to your 802.15.4 radio?

Submission

Bob Heile, ZigBee Alliance

802.11 Comments on 802.15.4r PAR and CSD

- 5.5 – expand RTLS the first instance it is used.
 - Comment accepted
 - The first occurrence of RTLS is replaced with “Real Time Locating System (RTLS)”

Submission

Bob Heile, ZigBee Alliance

March 2014

doc.: IEEE 802.15-14-0210-00-0000

802.11 Comments on 802.15.4r PAR and CSD

- CSD – 14.2.3
 - The first sentence does not parse well. Consider rewording
 - This statement does not seem to indicate a distinct identity, but rather a change to the radio being used.
 - “needs of IEEE 802.15.4” - the standard has not the “need” but rather the users of the standard.
 - Could this statement simply be that you are adding ranging to your 802.15.4 radio?
- Replace existing 14.2.3:
 - Was:
 - This amendment builds on the existing capabilities of IEEE 802.15.4 and extends the PHY and MAC enabling a wider set of interoperable radio based distance measurements techniques. No other IEEE 802 standard addresses the exchange of range information consistent with the needs of IEEE 802.15.4.
 - NEW:
 - This amendment addresses the ranging capabilities of IEEE STD 802.15.4. No other IEEE 802 standard provides all of the unique attributes of 802.15.4.

Submission

Bob Heile, ZigBee Alliance

802.15.4r Draft PAR to NesCom

- These responses were captured in a revised PAR (dcn:15-14-0075-05) and revised CSD (dcn: 15-14-0076-05) and circulated Weds afternoon.

EC motion for 802.15.4r PAR to NesCom

The 802.15 Working Groups requests EC authorization to submit the 802.15.4r draft PAR (dcn: 15-14-0075-05) to NesCom for consideration and approval

WG vote (34, 0, 0)

– Moved: Heile, Seconded: Gilb

* Motion #40	The 802.15 Working Groups requests EC authorization to submit the 802.15.4r draft PAR (dcn: 15-14-0075-05) to NesCom for consideration and approval and approves the CSD (dcn 15-14-0076-05)
Moved	Heile
Second	Gilb
Results	12-1-0
Motion	Passes
Reference	5.072

5.08	-	IEEE 802.16	Marks	-	04:26 PM
5.09	ME	IEEE 802.18	Lynch	-	04:26 PM
					04:26 PM
		Break	Nikolich	5	04:26 PM
					04:31 PM
6.00		Study Group and Project (EC, WG, TAG) action/status			04:31 PM
6.01	-	IEEE 802.19	Shellhammer	-	04:31 PM
6.02	-	IEEE 802.21	Das	-	04:31 PM
6.03		IEEE 802.22	Mody		04:31 PM
6.031		IEEE 802.22 Spectrum Occupancy Sensing (SOS) Study Group (1st Extension)	Mody	0	04:31 PM

6.031 was not marked with MI*, however, it was highlighted to indicate consent agenda. No opposition. Approved with approval of agenda.

Time:4:31pm

6.04	MI	IEEE 802.24	Gilb		04:31 PM
6.041	II	IEEE 802.24 Scope Change	Gilb	10	04:31 PM

Gilb presented the following material

802.24 Operations Manual

Scope

IEEE 802.24 Vertical Applications TAG focuses on application categories that use IEEE 802 technology and are of interest to multiple IEEE 802 WGs. The applications assigned to IEEE 802.24 are:

- Smart Grid
- Internet of Things (is this everything? Should the scope be smaller?)

For those applications, IEEE 802.24:

- Acts as a liaison and point of contact with regulatory agencies, industry organizations, other SDOs, government agencies, IEEE societies, etc., for questions regarding the use of 802 standards in those emerging applications.
- Develops white papers, guidelines, presentations and other documents that do not require a PAR that describe the application of 802 standards to those emerging applications
- Acts as a resource for understanding 802 standards for certification efforts by industry bodies.

NOTE: The horizontal technologies are applied to the vertical applications. We figure out what makes that horizontal technology or what enhancements are required to make them more applicable to a specific vertical application.

Names that did not win: Mother of all PARs (MOAP), Application Focus, Application Coordination

Forming a New Task Group

- 1) Schedule a presentation (or tutorial) that describes the new area. It should be 1) application focused 2) supported by multiple members, and multiple companies.
- 2) Write a scope, purpose, and a shortened CSD. Submit the document following the rules for a PAR for a new project.
- 3) Get a motion in a minimum of three IEEE 802 working groups (not TAGs) that expresses support for adding this area, and that they will be active participants. The WGs should identify areas of interest.
- 4) Designate volunteers for the following positions: TG Chair, TG Vice Chair, TG Secretary, TG Editor
- 5) The EC approves adding the area to 802.24.

Scope document for forming a new Task Group

Prior to forming a new Task Group, TG scope document shall be created that addresses the following areas:

1. Scope – Provide a clear description of the application.
2. Stakeholders – Who is the target audience?
3. Similar groups – What are the liaison opportunities?
4. Broad market applicability – Will there be numerous users of the information? Does the application have broad applicability? Is it supported by multiple vendors?
5. Compatibility – Will this improve compatibility among 802 standards?
6. Distinct identity – Is this area something already being addressed in 802? Does it require cross WG support?
7. Feasibility – The proposed work will serve the identified users. Initial work items have already been identified.

Sub Group Chairs and Vice Chairs

The selection of a TG Chair by the TAG Chair shall be confirmed by a simple majority vote of the TAG. The TG Chair may appoint a TG Vice Chair and should appoint a TG Secretary. The TG Chair may act as the TG Secretary if necessary.

The TG Chair is responsible for preparing and posting an agenda 2 weeks in advance of a TG meeting. The TG Chair runs the TG meeting. The TG Chair may schedule teleconferences to conduct work of the TG.

Elections

Candidates shall announce their intention to run for Chair or Vice Chair by 24 hours in advance of the start of the plenary session in which the election will be held.

The election of officers will be held on the Tuesday meeting slot of the IEEE 802.24 meeting plenary session during which the election is to be held.

If there is more than one candidate for an office, each candidate will have 5 minutes to speak in favor of their candidacy. IEEE 802.24 voting members will have a chance to ask the candidates questions. After the speeches, if any, any, the election will be held by secret ballot.

- In order to be elected, any candidate shall receive a simple majority (over 50%) of the votes cast in the election for the respective position.
- Should no candidate receive a majority in the election, a runoff election shall be held. The process shall be similar to the initial election, except that:
 - New nominations shall not be permitted.
 - In the runoff election, the nominated candidate having received the fewest votes in the previous election round shall not be an eligible candidate (in case a tie prevents this possibility, all the nominated candidates' shall remain eligible).
 - If the process is inconclusive, another runoff election shall be held, as described above.

Time: 4:45pm

6.05		IEEE OmniRAN EC Study Group	Riegel		04:41 PM
6.051	MI	IEEE 802 OmniRAN EC Study Group 3rd Extension	Riegel	3	04:41 PM

Riegel presented the following material

omniran-14-0028-01-ecsg

OmniRAN EC SG Report and Motion to the Mar 2014 closing EC meeting

OmniRAN EC SG Chair:
Max Riegel (NSN)

1

omniran-14-0028-01-ecsg

OmniRAN EC SG Status and Outlook

- OmniRAN PAR proposal on IEEE 802.1CF Recommended Practice: 'Network Reference Model and Functional Description of IEEE 802 Access Network' was approved by IEEE 802 EC on November 15th, 2013
 - <https://mentor.ieee.org/omniran/dcn/13/omniran-13-0096-00-ecsg-approved-par-clean.pdf>
- The PAR is on the NesCom agenda for approval on March 26th, 2014
 - IEEE 802.1CF project starts after NesCom approval
- OmniRAN EC SG was extended in November 2013 until March 2014 to take care of the PAR approval by NesCom.
- OmniRAN EC SG will ask for another extension in the EC closing plenary, just for the case that NesCom asks for additional input.
 - *A Study Group is disbanded upon approval of the PAR by the IEEE-SA Standards Board.*

2

Motion

- Extend OmniRAN ECSG until July 2014
 - EC to approve the extension of the OmniRAN EC SG until July 2014 to allow the group to respond to comments of NesCom on the proposed P802.1CF PAR.
 - Moved:
 - Seconded:

3

OmniRAN ECSG Motion

- Provide this report and the motion to extend the OmniRAN EC SG to the closing EC meeting.
 - Moved: Juan Carlos Zuniga
 - Second: Yonggang Fang
 - Vote: 8 yes/0 no/0 abstain

4

* Motion #41	<ul style="list-style-type: none"> • Extend OmniRAN ECSG until July 2014 <ul style="list-style-type: none"> • EC to approve the extension of the OmniRAN EC SG until July 2014 to allow the group to respond to comments of NesCom on the proposed P802.1CF PAR.
Moved	Rosdahl
Second	Mody
Results	12-0-1
Motion	passes
Reference	6.051

Time: 4:47pm

6.06		IEEE 802.1	Jeffree		04:44 PM
6.061	DT	802 Overview and Architecture report	Gilb	0	04:44 PM
6.062	II	OmniRAN Task Group Formation	Jeffree	1	04:44 PM

Jeffree provided the following material –

Motion to IEEE 802.1

- Assign the P802.1CF project to a new Task Group, called the OmniRAN Task Group, to facilitate the appropriate working environment for successful completion of the project.
- Proposed: Riegel Second: Gray
- For 19 Against 0 Abstain 3

Time: 4:45pm

6.07		IEEE 802.3	Law		04:45 PM
6.071	MI	IEEE 802.3 400 Gb/s Ethernet Study Group (3rd Extension)	Law	2	04:45 PM

Law presented the following material

MI: IEEE 802.3 400Gb/s Ethernet Study Group (3rd extension)

IEEE 802.3 400Gb/s Ethernet Study Group (3rd extension)

Motion

The IEEE 802 LMSC Executive Committee approves an extension to the IEEE 802.3 400Gb/s Ethernet Study Group (3rd extension)

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

Working Group vote
Y: 82, N: 0, A: 2

* Motion #42	The IEEE 802 LMSC Executive Committee approves an extension to the IEEE 802.3 400Gb/s Ethernet Study Group (3rd extension)
Moved	Law
Second	D'Ambrosia
Results	11-0-0
Motion	Passes
Reference	6.071

Time: 4:50pm

6.072	MI	IEEE 802.3 Gigabit POF Study Group Formation	Law	3	04:47 PM
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Law presented the following material



MI: IEEE 802.3 Gigabit Plastic Optical Fibre (POF) Study Group

IEEE 802.3 Gigabit Plastic Optical Fibre (POF) Study Group

Motion

The IEEE 802 LMSC Executive Committee grants approval for the formation of the IEEE 802.3 Gigabit Plastic Optical Fibre (POF) Study Group within IEEE 802.3

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

84 CFI attendees, 17 interested in participating

Working Group vote:
Y: 35, N: 17, A: 33

* Motion #43	The IEEE 802 LMSC Executive Committee grants approval for the formation of the IEEE 802.3 Gigabit Plastic Optical Fibre (POF) Study Group within IEEE 802.3
Moved	Law
Second	D'Ambrosia
Results	11-0-1
Motion	Passes
Reference	6.072

The EC agreed that a tutorial on this topic would be very useful if the effort progresses to submitting a PAR.

Time: 4:57pm

6.073	MI	IEEE 802.3 100 Mb/s operation over a single twisted pair Study Group	Law	3	04:50 PM
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Law presented the following material

MI: IEEE 802.3 100 Mb/s operation over a single twisted pair Study Group

IEEE 802.3 100 Mb/s operation over a single twisted pair Study Group

Motion

The IEEE 802 LMSC Executive Committee grants approval for the formation of the IEEE 802.3 100 Mb/s operation over a single twisted pair Study Group within IEEE 802.3

M: Law, S: D'Ambrosia

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

60 CFI attendees, 30 interested in participating

Working Group vote:

Y: 72, N: 0, A: 10

* Motion #44	The IEEE 802 LMSC Executive Committee grants approval for the formation of the IEEE 802.3 100 Mb/s operation over a single twisted pair Study Group within IEEE 802.3
Moved	Law
Second	D'Ambrosia
Results	12-0-0
Motion	Passes
Reference	6.073

6.08		IEEE 802.11	Kraemer		04:53 PM
6.081	MI	IEEE 802.11 HEW Study Group (3rd Extension)	Kraemer	3	04:53 PM

Kraemer presented the following material

March 2014

doc.: IEEE 802.11-13/0256r0

**6.081 EC Motion:
Approve the extension of the 802.11 HEW study
group**

**Third extension of the SG but PAR has been prepared
and awaits SASB approval.**

**Move: Bruce Kraemer
Second: Jon Rosdahl**

Submission

Slide 9

Bruce Kraemer, Marvell

* Motion #45	Approve the extension of the 802.11 HEW study group (3rd extension)
Moved	Kraemer
Second	Rosdahl
Results	12-0-0
Motion	pases
Reference	6.081

6.082	II	Update to 802.11 Operations Manual (Doc 11-13-0001-03)	Kraemer	3	04:56 PM
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Kraemer presented the following material

March 2014 doc.: IEEE 802.11-13/0256r0

**6.092 EC Information Item:
802.11 revised its OM regarding membership
reinstatement in line with other WGs.**

The 802.11 OM can be found at:
<https://mentor.ieee.org/802.11/dcn/13/11-13-0001-03-0000-802-11-operations-manual.docx>

Submission Slide 11 Bruce Kraemer, Marvell

March 2014 doc.: IEEE 802.11-13/0256r0

**6.092 802.11 Operations Manual (OM)
changes – Information Item**

- **Accept document 11-13/0001r3**
(<https://mentor.ieee.org/802.11/dcn/13/11-13-0001-03-0000-802-11-operations-manual.docx>)
as the 802.11 operations manual.
- **Moved: Jon Rosdahl**
- **Seconded: Adrian Stephens**
- **Result: Unanimous (239 in the room)**

- **(Revision 4 will also be uploaded containing tracked changes accepted).**

Submission Slide 12 Adrian Stephens, Intel Corporation

6.09		IEEE 802.15	Heile		04:59 PM
6.091	MI*	IEEE 802.15.7 Optical Camera Communications(OCC) Study Group (1st Extension)	Heile	0	04:59 PM
6.092	MI*	IEEE 802.15.4r Distance Measurement Technology (DMT) Study Group (1st Extension)	Heile	0	04:59 PM

Approved with approval of agenda.

6.093	MI	IEEE 802.15 SG on Beam Switchable Wireless Links (100G) (2nd Extension)	Heile	3	04:59 PM
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Heile presented the following material

March 2014 doc.: IEEE 802.15-14-0210-00-0000

Contingency (2nd) Renewal of the 100G SG

Motion: 802.15 requests the EC renew the 100G SG for another cycle.

(WG Vote: 23,0,0)

Moved: Heile

Second: Gilb

Submission Slide 19 Bob Heile, ZigBee Alliance

* Motion #46	Motion: 802.15 requests the EC renew the 100G SG for another cycle.
Moved	Heile
Second	Gilb
Results	12-0-0
Motion	passes
Reference	6.093

Time:5:08

6.094	MI	IEEE 802.15 Spectrum Resource Utilization (SRU) Study Group (2nd Extension)	Heile	3	05:02 PM
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Heile presented the following material

March 2014

doc: IEEE 802.15-14-0210-00-0000

2nd Renewal of the SRU SG

**Motion: 802.15 requests the EC renew
the SRU Study Group for another cycle.**

(WG Vote: 23,0,0)

Moved: Heile

Second: Gilb

Submission

Slide 20

Bob Heile, ZigBee Alliance

* Motion #47	802.15 requests the EC renew the SRU Study Group for another cycle.
Moved	Heile
Second	Gilb
Results	13-0-0
Motion	passes
Reference	6.093

Time: 5:10pm

6.10	MI	IEEE 802.16	Marks	-	05:05 PM
6.11	MI	IEEE 802.18	Lynch	-	05:05 PM
					05:05 PM
7.00	ME	LMSC Liaisons and External Interface			05:05 PM
7.01	ME	IEEE 802.19	Shellhammer	-	05:05 PM
7.02	ME	IEEE 802.21	Das	-	05:05 PM
7.03	ME	IEEE 802.22	Mody	-	05:05 PM
7.04	ME	IEEE 802.24	Gilb	-	05:05 PM
7.05		IEEE 802.1	Jeffree		05:05 PM
7.051	ME	Ballot responses (5 documents) to ISO/IEC JTC1 SC6	Jeffree	3	05:05 PM

Jeffree presented the following material

Motion

- 802.1 approves the following comment resolutions for submission to ISO/IEC JTC1 SC6:
 - <http://iee802.org/1/files/public/docs2014/liaison-ieee802response-AEbwFDISScmts-0314.pptx>
 - <http://iee802.org/1/files/public/docs2014/liaison-ieee802response-AEbnFDISScmts-0314.pptx>
 - <http://iee802.org/1/files/public/docs2014/liaison-ieee802response-ABFDISScmts-0314-V01.pptx>
 - <http://iee802.org/1/files/public/docs2014/liaison-ieee802response-ARFDISScmts-0314-V01.pptx>
 - <http://iee802.org/1/files/public/docs2014/liaison-ieee802response-ASFDISScmts-0314-V01.pptx>
- Proposed: Parsons
- Second: Grey
- For ___18___ Against ___0___ Abstain ___2___

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

* Motion #48	802 EC approves the following comment resolutions for submission to ISO/IEC JTC1 SC6: http://iee802.org/1/files/public/docs2014/liaison-ieee802response-AEbwFDISScmts-0314.pptx http://iee802.org/1/files/public/docs2014/liaison-ieee802response-AEbnFDISScmts-0314.pptx http://iee802.org/1/files/public/docs2014/liaison-ieee802response-ABFDISScmts-0314-V01.pptx http://iee802.org/1/files/public/docs2014/liaison-ieee802response-ARFDISScmts-0314-V01.pptx http://iee802.org/1/files/public/docs2014/liaison-ieee802response-ASFDISScmts-0314-V01.pptx
Moved	Jeffree
Second	Thaler
Results	13-0-0
Motion	Passes
Reference	7.051

Time: 5:14pm

7.052	ME	Forward P802 to ISO/IEC JTC1 SC6 under PSDO agreement	Jeffree	3	05:08 PM
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Jeffree presented the following material

MOTION

- 802.1 requests EC approval to forward P802 to ISO/IEC JTC1 SC6, for information under the PSDO agreement.
- Proposed: Parsons Second: Gray
- For__19__Against_0__Abstain_2__

- EC proposed: Jeffree Second: Thaler
- For____Against____Abstain_____

* Motion #49	802 EC approves forwarding P802 to ISO/IEC JTC1 SC6, for information under the PSDO agreement
Moved	Jeffree
Second	Thaler
Results	13-0-0
Motion	passes
Reference	7.052

Applause broke out, and Mr. Jeffree was given a standing ovation, as this was his last motion as a member of the 802 EC. The term "Tony-time" will now stand in the annals of 802 history to mean the ability of a chair to spend less time than allocated during presentation time. Best of luck going forward Tony!

Time: 5:16pm

7.053	II	Liaisons to the IETF regarding 802.1Qca	Jeffree	0	05:11 PM
7.054	II	Paper "Software Defined Networking supported by IEEE 802.1Q" to MEF and CEF	Jeffree	0	05:11 PM

Approved with approval of agenda.

7.06		IEEE 802.3	Law		05:11 PM
7.061	ME	Appointment of liaison officer from IEEE 802.3 to ITU-T SG15	Law	3	05:11 PM

Law presented the following material:

IEEE 802.3 Ethernet Working Group Liaison Communication

Source: IEEE 802.3 Working Group¹

Steve Trowbridge, Chairman, ITU-T Study Group 15
(steve.trowbridge@alcatel-lucent.com)

To: Yoshinori Koike, Rapporteur, ITU-T Question 3/15
(koike.yoshinori@lab.ntt.co.jp)

Greg Jones, Counsellor, ITU-T Study Group 15 (greg.jones@itu.int)

Paul Nikolich Chair, IEEE 802 LMSC
(p.nikolich@ieee.org)

Adam Healey Vice-chair, IEEE 802.3 Ethernet Working Group
(adam.healey@lsi.com)

CC: Pete Anslow Secretary, IEEE 802.3 Ethernet Working Group
(panslow@ciena.com)

From: David Law Chair, IEEE 802.3 Ethernet Working Group
(dlaw@hp.com)

Subject: Liaison Reply to ITU-T Study Group 15 from IEEE 802.3 – OTNT
Standardization Work Plan

Approval: Agreed to at IEEE 802.3 Plenary meeting, Beijing, China, 20th, March, 2014

Dear Mr. Trowbridge and members of ITU-T Study Group 15,
The IEEE 802.3 Ethernet Working Group thanks ITU-T Study Group 15 for your liaison and the

¹ This document solely represents the views of the IEEE 802.3 Working Group, and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE 802.

opportunity to review and comment on the "Optical Transport Networks & Technologies Standardization Work Plan" from your July 2013 meeting. We have reviewed the OTNT Plan content in consideration of the standardization activities in progress within the IEEE 802.3 Working Group and have the following comments:

- Clause 5.5.1.2: change 1000BASE-PX10/PX20 to 1000BASE-PX10/PX20/PX30/PX40 and after 10GBASE-PR/PRX add 10/20/30/40, then further on in the sentence "are defined in IEEE Std 802.3-2012 and IEEE Std 802.3bk-2013 ..."
- Clause 5.5.1.10 should be updated to reflect the full set of currently in-force standards and active task forces and study groups within IEEE 802.3 as detailed below.

IEEE802.3 Working Group would like to inform you of the following standards are now published:

- The integrated IEEE Std 802.3-2012 – IEEE Standard for Ethernet
- The IEEE Std 802.3.1-2013 - IEEE Standard for Management Information Base (MIB) Definitions for Ethernet
- The IEEE Std 802.3bk-2013 - IEEE Standard for Ethernet-Amendment 1: Physical Layer Specifications and Management Parameters for Extended Ethernet Passive Optical Networks

The following projects are currently active within the IEEE802.3 Working Group:

- 400Gb/s Ethernet project documentation was approved by the IEEE 802.3 working group and IEEE 802 EC, pending approval by the standards board. If approved, 400Gb/s Ethernet Task Force will be formed
- IEEE P802.3bj (100 Gb/s Backplane and Copper Cable Task Force) has entered the sponsor ballot phase and expected approval in July 2014
- The P802.3bm Next Generation 40 Gb/s and 100 Gb/s Optical Ethernet task force has entered the Working Group Ballot phase.
- The P802.3bn EPON over Coax PHY task force is in the proposal selection phase.
- The P802.3bp Reduced Twisted Pair Gigabit Ethernet (RTPGE) task force is in the proposal selection phase.
- The P802.3bq 40GBASE-T1 task force is in the proposal selection phase.
- The P802.3br Interspersing Express Traffic task force has been formed and is currently in the proposal selection phase
- The P802.3bt DTE power via MDI over 4-Pair task force is in the proposal selection phase
- The P802.3bu 1-Pair Power over Data Lines (PoDL) task force has been formed and is currently in the proposal selection phase
- IEEE 802.3 Industry Connections Next Generation EPON (NG-EPON) Ad Hoc was formed

- A new Gigabit Plastic Optical Fibre (POF) study group has been formed after a successful "Call for Interest" at our March 2014 plenary meeting.
- A new 100 Mb/s operation over a single twisted pair study group has been formed after a successful "Call for Interest" at our March 2014 plenary meeting.

We wish to thank the leadership and members of ITU-T SG15 for the opportunity to coordinate references to our work programs and we look forward to continuing cooperation with ITU-T SG15 in the future.

Sincerely,

David Law

Chair, IEEE 802.3 Ethernet Working Group

DRAFT

* Motion #50	The IEEE 802 LMSC Executive Committee confirms the appointment of Peter Anslow as the IEEE 802.3 liaison officer to ITU-T SG15
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	passes
Reference	7.061

Time: 5:18pm

7.062	II*	Liaison letter to ITU-T SG15: Optical Transport Network Technologies (OTNT) Standardization Work Plan	Law	0	05:14 PM
7.063	II*	Liaison letter response to ISO/IEC JTC 1/SC 25: Power over Ethernet	Law	0	05:14 PM

Approved with approval of agenda.

7.07	ME	IEEE 802.11	Kraemer		05:14 PM
7.071	ME	Doc 11-14-0368-01 slide 6 to IETF OPSAWG	Kraemer	3	05:14 PM

Kraemer showed the following material.

March 2014 doc.: IEEE 802.11-13/0256r0

EC Motion:
Approve liaising the contents of document 11-14/0368r1 slide 6 (<https://mentor.ieee.org/802.11/dcn/14/11-14-0368-01-0000-march-2014-liaison-to-ietf-report.pptx>) to the IETF OPSAWG via the 802.11 WG chair.

(see next slide)

Move: Bruce Kraemer
Second: Jon Rosdahl

Liaison Text

Subject: Alternate Tunnel Encapsulation for Data Frames in CAPWAP

Thank you for the opportunity to review the "Alternate Tunnel Encapsulation for Data Frames in CAPWAP"

<http://www.ietf.org/id/draft-zhang-opsawg-capwap-cds-02.txt> document.

The Alternate Tunnel Encapsulation draft appears to address implementation of the IEEE 802.11 Distribution System (DS). Implementation of the DS is outside the scope of the IEEE 802.11 standard. We will inform IEEE 802.11 members of this work, and welcome further requests from the OPSAWG for information or clarification of the IEEE 802.11 standard.

7.071 – 802.11 Liaison to IETF OPSAWG Information Item

- **Request the IEEE 802.11 WG chair to liaise document 11-14/0368r1 slide 6 (<https://mentor.ieee.org/802.11/dcn/14/11-14-0368-01-0000-march-2014-liaison-to-ietf-report.pptx>) to the IETF OPSAWG**
- **Moved by Mark Hamilton on behalf of the ARC Standing Committee**
- **Seconded: Dorothy Stanley**
- **WG 11 Result: 118,0,1 - passes**

* Motion #51	Approve liaising the contents of document 11-14/0368r1 slide 6 (https://mentor.ieee.org/802.11/dcn/14/11-14-0368-01-0000-march-2014-liaison-to-ietf-report.pptx) to the IETF OPSAWG via the 802.11 WG chair.
Moved	Kraemer
Second	Rosdahl
Results	13-0-0
Motion	passes
Reference	7.071

7.072	ME	Liaison of Doc 11-14-256-00 in relation to "WLAN Virtual Network" to ISO/IEC JTC1/SC6/WG7	Kraemer	3	05:17 PM
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Kraemer presented following material

March 2014 doc.: IEEE 802.11-13/0256r0

EC Motion:

Approve the liaison of the content of 11-14-456r0 (<https://mentor.ieee.org/802.11/dcn/14/11-14-0456-00-0jtc-liasion-to-sc6-wg7-on-virtual-ap.docx>) in relation to "WLAN Virtual Network" to ISO/IEC JTC1/SC6/WG7, granting to the IEEE 802.11 WG chair editorial rights.

Move: Bruce Kraemer
Second: Jon Rosdahl

Submission Slide 17 Bruce Kraemer, Marvell

Mar 2014 doc.: IEEE 802.11-13/0256r0

**7.072 – 802.11 Liaison to
ISO/IEC/JTC1/SC6/WG7
Information Item**

- **802.11 Motion:**
 - *The IEEE 802.11 WG approves the liaison of 11-14-456r0 (<https://mentor.ieee.org/802.11/dcn/14/11-14-0456-00-0jtc-liasion-to-sc6-wg7-on-virtual-ap.docx>) in relation to "WLAN Virtual Network" to ISO/IEC JTC1/SC6/WG7, granting to the IEEE 802.11 WG chair editorial rights.*
 - Moved: Myles
 - Seconded: McCann
- **WG 11 Result: 45,0,0 - passes**

Submission Slide 18 Andrew Myles, Cisco

* Motion #52	Approve the liaison of the content of 11-14-456r0 (https://mentor.ieee.org/802.11/dcn/14/11-14-0456-00-0jtc-liasion-to-sc6-wg7-on-virtual-ap.docx) in relation to “WLAN Virtual Network” to ISO/IEC JTC1/SC6/WG7, granting to the IEEE 802.11 WG chair editorial rights.
Moved	Kraemer
Second	Rosdahl
Results	13-0-0
Motion	Passes
Reference	7.072

Applause broke out, and Mr. Kraemer was given a standing ovation, as this was his last motion as a member of the 802 EC. We can only hope he remembers us fondly as he makes his ascension to IEEE-SA President! Best of luck going forward Bruce!

Time: 5:22pm

7.08	ME	IEEE 802.15	Heile	-	05:20 PM
7.09	ME	IEEE 802.16	Marks	-	05:20 PM
7.10	ME	IEEE 802.18	Lynch		05:20 PM
7.101	ME	Regulatory Liaisons / Report	Lynch	0	05:20 PM
7.102	ME*	IEEE 802.16 to ITU-R WP5D RE: IMT Recommendation M.1457	Lynch	0	05:20 PM
		REF: https://mentor.ieee.org/802.18/dcn/14/18-14-0016-00-0000-proposed-ls-to-itu-r-wp-5d-update-of-section-5-6-toward-revision-12-of-recommendation-itu-r-m-1457-meeting-x-2b-notification.docx			

Approved with approval of agenda.

7.103	ME	Liaison Request to 3GPP	Lynch	10	05:20 PM
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Lynch presented following material (18-14/0019 then 20)

RR-TAG March Closing Motion(s)

Date: March 2014

Authors:

Name	Company	Address	Phone	email
Michael Lynch	MJ Lynch & Associates LLC; Silver Spring Networks, Inc.	108 Brentwood Court Allen, TX 75013	1.972.814.4901	mjlynch@mjlallic.com

Notice: This document has been prepared to assist IEEE 802.18. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.

Submission

Slide 1

Michael Lynch, MJ Lynch & Associates LLC

Overview

- To approve Document "18-14-0019-00-0000 IEEE 802 3GPP Liaison Request Letter". This letter is meant to suggest that a working relationship be established between IEEE 802 and 3GPP.
- The letter itself was drafted by members of an ad hoc group established within 802.18 to look at how to establish a working relationship, especially as regards shared spectrum.
- The document was complete during PM2 on March 20th.
- The mover is: Michael Lynch
- The second is: Tony Jeffree
- XX Approve XX Disapprove XX Abstain

Submission

Slide 2

Michael Lynch, MJ Lynch & Associates LLC

IEEE P802.18
Wireless LANs

3GPP liaison Draft**Date:** 2014-03-20**Author(s):**

Name	Affiliation	Address	Phone	email
Michael Lynch	MJ Lynch & Associates LLC	108 Brentwood Court Allen, TX 75013	1.972.814.4901	mjlynch@mjlalc.com

Abstract

By request of the IEEE 802 Chair, a draft liaison request letter from IEEE 802 to 3GPP.

IEEE 802 is increasingly aware that regulators worldwide are looking for more ways to share the Radio Frequency spectrum, and that the future for broadband wireless involves a mix of both licensed and license exempt spectrum. IEEE 802 has its wireless focus primarily in the license exempt bands, while 3GPP has major successes in licensed spectrum technologies. As regulators make important spectrum sharing decisions the interests of both of our groups are related; our futures dependent upon decisions being made that benefit us all.

The IEEE 802 standards that we continue to evolve include:

- 802.11 – Wireless local area networks
- 802.15 – Wireless personal area networks (known as Bluetooth, ZigBee, and others)
- 802.16 – Wireless Metropolitan area networks
- 802.22 – Regional area networks

and are supported by

- 802.18 – Radio Regulatory Technical Advisory Group
- 802.19 – Wireless Coexistence Working Group

The successful simultaneous deployment of billions of Bluetooth devices and Wi-Fi devices demonstrates that coexistence in the 2.4GHz license exempt frequency band, using standards developed by two independent Standards Development Organizations can be achieved.

I suggest that a teleconference be scheduled to review areas of mutual interest and discuss possible steps going forward.

* Motion #53	To approve 18-14-0019-00-0000-ieee-802-3gpp-liaison-request-letter.docx
Moved	Lynch
Second	Jeffrey
Results	11-0-2
Motion	passes
Reference	7.103

Time: 5:33pm

7.11	ME	Standing Committee Reports			05:30 PM
7.111	ME	JTC1 Standing Committee Report	Myles	5	05:30 PM

Myles left. Report is shown below.

Mar 2014

doc.: IEEE 802.11-14/0310r0

IEEE 802 JTC1 Standing Committee formalization proposal

13 Mar 2014

Authors:

Name	Company	Phone	email
Andrew Myles	Clisco	+61 2 84461010 +61 418 656587	amyles@clisco.com

Submission

Slide 1

Andrew Myles, Clisco

It is proposed that the status of the IEEE 802 JTC1 Standing Committee be formalised ...

- The *IEEE 802.11 JTC1 ad hoc* was created many years ago to deal with liaison issues between the IEEE 802.11 WG and ISO/IEC JTC1/SC6
- In about November 2010, as the result of ad hoc discussion by the IEEE 802 ExCom, it expanded its scope to all IEEE 802 matters
- At about that time the ad hoc changed its name to *IEEE 802 JTC1 Standing Committee* at the direction of the IEEE 802 EC Chair
- It is unclear whether this status and name change were ever formalised by the IEEE 802 EC, although both changes were accepted by default
- It is proposed that the status of the Standing Committee now (March 2014) be formalised by a motion by the IEEE 802 EC
- It is proposed that the scope of the Standing Committee remain the same as that decided by the IEEE 802 EC ad hoc in November 2010

... with a scope that is the same as that used since November 2010

Agreed goals from November 2010

- Provides a forum for 802 members to discuss issues relevant to both:
 - IEEE 802
 - ISO/IEC JTC1/SC6
- Recommends positions to ExCom on ISO/IEC JTC1/SC6 actions affecting IEEE 802
 - Note that IEEE 802 LMSC holds the liaison to SC6, not the IEEE 802.11 WG
- Participates in dialog with IEEE staff and 802 ExCom on issues concerning IEEE's relationship with ISO/IEC
- Organises IEEE 802 members to contribute to liaisons and other documents relevant to the ISO/IEC JTC1/SC6 members

The SC document reflector will continue to be hosted by IEEE 802.11 WG

- The SC document reflector has been hosted by the IEEE 802.11 WG on Mentor for many years
- It is proposed the hosting not change, to maintain continuity

7.112	II	802 EC / ITU Standing Committee Report	Parsons	5	05:35 PM
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Parsons presented following material (Note – full report may be found at <https://mentor.ieee.org/802-ec/dcn/14/ec-14-0021-02-INTL-itu-standing-committee-agenda.pdf>)

1

IEEE 802

ITU International Telecommunication Union

IEEE 802 EC ITU standing committee

Glenn Parsons - Ericsson

glenn.parsons@ericsson.com
+1 613 963 8141

March 2014

Mentor DCN: EC-14-0021-02-INTL 3/19/2014

2

Mentor DCN: EC-14-0021-02-INTL 3/19/2014

Agenda for inaugural meeting

- Role of this standing committee
- ITU structure
 - ITU-T, ITU-R, ITU-D
 - IEEE membership
- ITU past conferences - policy & governance
 - ITU-T WTSA & TSAG
 - ITU WCIT
- ITU future conferences - policy & governance
 - TSB Director's IPR adhoc
 - ITU-D WTDC
 - ITU WSIS
 - ITU Plenipotentiary
- IEEE Technology Governance – staff engagement
- IEEE – ITU agreements
- IEEE 802 position

Conclusion

- IEEE-SA “Technology Governance” is a misleading title without explanation of the goals
 - E.g., how is the scope different from IEEE-USA?
- Any new agreement with ITU should be meaningful for IEEE. E.g.,
 - Mutual recognition as peers in regards to standards
 - Agreement after Plenipot
- IEEE 802, through this ITU SC, should lead prep meetings for upcoming ITU events for IEEE
 - Formalize current volunteer engagement
 - Summarize issues to be discussed per ITU event
 - IEEE-SA staff will provide a calendar of targeted ITU events that will be used to guide the agenda
 - Review proposed positions/contributions
 - IEEE-SA staff or volunteers may propose
 - Hold conference calls as needed between plenaries
- Reciprocal rights for 802 WGs – policy per home WG

Time: 5:47pm

7.113	ME	IEEE 802 / IETF Standing Committee Establishment	Thaler	5	05:40 PM
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Thaler gave verbal update.

* Motion #54	Moved to form an IETF standing committee with Pat Thaler as the initial chair
Moved	Thaler
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	7.113

JC Zuinga will be leading Strengthening the Internet discussions within 802 under Thaler's leadership as 802/IETF SC Chair. A tutorial is planned for July plenary session.

Time: 5:49pm

7.114	ME	Endorse revision of RFC 4441 (Final draft - http://www.ietf.org/id/draft-iab-rfc4441rev)	Thaler	2	05:45 PM
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Thaler gave verbal update

* Motion #55	The IEEE 802 EC endorses the revision of RFC 4441 as defined in agenda item
Moved	Thaler
Second	Das
Results	12-0-0
Motion	Passes
Reference	7.114

Time: 5:50pm

7.12	ME	IEEE 802	Nikolich		05:47 PM
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Nikolich had nothing to report.

8.00	II	Information Items			05:47 PM
8.01	II*	IEEE 802 / SA Task Force Report	Nikolich	0	05:47 PM

Approved with approval of agenda.

8.02	II	IEEE SA Staff Reports			05:47 PM
8.03	II	Officers Reports			05:47 PM
8.031	II	1st Vice Chair Report	Thaler	1	05:47 PM

Thaler gave verbal report

- Asked for volunteers to give newcomers presentation. She is looking for volunteers for July / November plenaries. Email her.
- Perpass teleconference (IETF – pervasive monitoring protection) coming up. Thaler will delegate attendee(s).

8.032	II	2nd Vice Chair Report	Gillb	0	05:48 PM
8.033	II	Treasurer's Report	Chaplin	5	05:48 PM

Chaplin presented following material-

Treasurer's Report

2014-03-21

2011

2011 Net Change

2011-03 Meeting	\$15,016.52
2011-07 Meeting	(\$49,166.24)
2011-11 Meeting	(\$8,000.00)
2011 Income Other	\$2,755.07
2011 Expenses Other	(\$31,563.06)
2011 Net Change	(\$49,147.28)

2012

2012 Net Worth Change

2012-03 Meeting	(\$80,777.00)
2012-07 Meeting	\$14,520.49
2012-11 Meeting	(\$1,125.50)
2012 Income Other	\$3,692.02
2012 Expense Other	(\$18,731.03)
Change in Foreign Currency	\$8,771.71
Depreciation	(\$752.00)
2012 Net Worth Change	(\$74,401.31)

2012 Reserve

Reserves	Beginning	Change	End
USD General Reserve	\$1,012,314.53	(\$82,421.02)	\$929,893.51
NNA Reserve	\$0.00	\$0.00	\$0.00
General + NNA Reserve	\$1,012,314.53	(\$82,421.02)	\$929,893.51
Petty Cash	\$2,000.00	\$0.00	\$2,000.00
General + NNA + Petty Cash	\$1,014,314.53	(\$82,421.02)	\$931,893.51
Singapore Funds USD	\$102,481.00	\$73,790.20	\$176,271.20
Total Reserves	\$1,116,795.53	(\$8,630.82)	\$1,108,164.71

2013 T1 (Jan-Apr)

2013 T1 (Jan-Apr) Overview

Meeting Surplus/Loss	(\$22,180.39)
Other Income	\$811.77
Other Expenses	(\$60.20)

Net Change	(\$21,428.82)
General Reserve	\$908,464.69
NNA Venue Reserve	\$72,000.00
Petty Cash	\$2,000.00
Singapore Funds	SGD 215,336.82
Geneva Deposit	CHF 15,000.00
Singapore Funds USD	\$174,777.07
As of 2013-04-30	
Geneva Deposit USD	\$16,131.36
As of 2013-04-30	

2013 T1 General Reserve

General Reserve beginning	\$929,893.51
2013 T1 net	(\$21,428.82)
General Reserve end	\$908,464.69

2013 T1 NNA Reserve

NNA Reserve beginning	\$0.00
Orlando meeting setaside	\$72,000.00
NNA Reserve end	\$72,000.00
Geneva Deposit	(\$16,458.00)

2013 T2 (May-Aug)

2013 T2 (May-Aug) Overview

Meeting Surplus/Loss	\$119,571.18
Other Income	\$740.42
Other Expenses	(\$0.00)

Net Change	\$120,311.60
General Reserve	\$909,205.11
NNA Venue Reserve	\$191,571.18
Petty Cash	\$2,000.00
Singapore Funds	SGD 215,336.82
Beijing Deposit	CNY 1,047,341.28
Singapore Funds USD	\$168,902.22
As of 2013-08-31	
Beijing Deposit USD	\$171,226.52
As of 2013-08-31	

2013 T2 General Reserve

General Reserve beginning	\$908,464.69
2013 T2 Interest	\$740.42
General Reserve end	\$909,205.11

2013 T2 NNA Reserve

NNA Reserve beginning	\$72,000.00
Geneva surplus/loss	\$119,571.18
NNA Reserve end	\$191,571.18

Beijing Deposit 1	(\$170,695.48)
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2013 T3 (Sep-Dec)

2013 T3 (Sep-Dec) Overview

Meeting Surplus/Loss	(\$8,444.58)
NNA Venue Setaside	\$84,900.00
Other Income	\$579.81
Other Expenses	(\$10,549.28)
Other NNA Expenses	(\$7,137.76)
Foreign Currency Gain/Loss	\$5,982.65

Net Change	\$65,330.84

Singapore Funds	SGD 215,337.17
Singapore Funds USD	\$170,581.25
As of 2013-12-31	

2013 T3 Reserve

Reserves	Beginning	Change	End
USD General Reserve	\$909,205.11	(\$18,414.05)	\$890,791.06
NNA Reserve	\$191,131.11	\$82,065.86	\$273,196.97
General + NNA Reserve	\$1,100,336.22	\$63,651.81	\$1,163,988.03
Petty Cash	\$2,000.00	\$0.00	\$2,000.00
General + NNA + Petty Cash	\$1,102,336.22	\$63,651.81	\$1,165,988.03
Singapore Funds USD	\$168,902.22	\$1,679.03	\$170,581.25
Total Reserves	\$1,271,238.44	\$65,330.84	\$1,336,569.28

2013 T3 Committed Reserves

Committed Reserves	
China World Hotel Deposit	-\$350,472.01
Beijing Wire Transfer Fee (2)	-\$40.00
Face to Face Beijing Site Survey	-\$5,516.11
Robert Heile Beijing Site Survey	-\$1,210.86
Verilan Beijing Site Survey	-\$5,086.64
Jon Rosdahl Beijing Site Survey	-\$193.48
Total Committed Reserves	-\$362,519.10

2013

2013 Net Worth Change

2013-03 Meeting	(\$22,180.39)
2013-07 Meeting	\$119,571.18
2013-11 Meeting	(\$8,444.58)
2013 Income Other	\$2,132.00
2013 Expense Other	(\$10,609.48)
2013 NNA Expense Other	(\$7,137.76)
2013 NNA Venue Setaside	\$156,900.00
Change in Foreign Currency	(\$1,826.40)
Depreciation	(\$752.00)

2013 Net Worth Change	\$227,652.57

2013 Reserve

Reserves	Beginning	Change	End
USD General Reserve	\$929,893.51	(\$39,102.45)	\$890,791.06
NNA Reserve	\$0.00	\$273,196.97	\$273,196.97
General + NNA Reserve	\$929,893.51	\$234,094.52	\$1,163,988.03
Petty Cash	\$2,000.00	\$0.00	\$2,000.00
General + NNA + Petty Cash	\$931,893.51	\$234,094.52	\$1,165,988.03
Singapore Funds USD	\$176,271.20	(\$5,689.95)	\$170,581.25
Total Reserves	\$1,108,164.71	\$228,404.57	\$1,336,569.28

2014 T1 (Jan-Apr)

2014 T1 (Jan-Apr) Overview Estimate

Meeting Surplus/Loss	(\$403,000.00)
NNA Venue Setaside	\$0.00
Other Income	\$500.00
Other Expenses	(\$6,000.00)
Other NNA Expenses	(\$29,000.00)
Foreign Currency Gain/Loss	\$0.00

Net Change	(\$437,500.00)
Singapore Funds	SGD 215,337.17
Singapore Funds USD	\$170,280.86
As of 2014-03-16	

2014 T1 Meeting Results Estimate

Meeting Result	
Meeting Income	\$408,450.00
NNA Venue Setaside	\$0.00
Meeting Expense	-\$831,283.24
Meeting Surplus/Loss	-\$422,833.24
Sponsorships	\$20,000.00
Net Meeting Surplus/Loss	-\$402,833.24

2014 T1 Other Income Estimate

Other Income	
Interest	\$500.00
Total Other Income	\$500.00

2014 T1 Other Expenses Estimate

Other Expenses	
2012 Audit	-\$6,000.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
Total Other Expense	-\$6,000.00

2014 T1 Other NNA Expenses Estimate

Other NNA Expenses	
Verilan Site Survey Advance	-\$8,500.00
Face to Face Site Survey Advance	-\$3,972.12
Jon Rosdahl Site Survey Airfare	-\$1,493.65
James Gilb Site Survey Airfare	-\$1,394.60
Verilan Site Survey Final	-\$8,418.44
Face to Face Site Survey Final	-\$4,015.71
James Gilb Site Survey Expenses	-\$566.55
Jon Rosdahl Site Survey Expenses	-\$600.95
Total Other NNA Expense	-\$28,962.02

2014 T1 Reserve Estimate

Reserves	Beginning	Change	End
USD General Reserve	\$890,791.06	(\$5,500.00)	\$885,291.06
NNA Reserve	\$273,196.97	(\$431,795.26)	-\$158,598.29
General + NNA Reserve	\$1,163,988.03	(\$437,295.26)	\$726,692.77
Petty Cash	\$2,000.00	\$0.00	\$2,000.00
General + NNA + Petty Cash	\$1,165,988.03	(\$437,295.26)	\$728,692.77
Singapore Funds USD	\$170,581.25	\$0.00	\$170,581.25
Total Reserves	\$1,336,569.28	(\$437,295.26)	\$899,274.02

2014 T1 Committed Reserves Estimate

Committed Reserves	
Total Committed Reserves	\$0.00

Other

Motion

Motion: Move to change the normal meeting
registration fees to:

\$900 early

\$1000 regular

\$1200 late

\$150 student

\$25 University Outreach

\$300 discount for early/regular/late attendees
if attendee stays at least one night in the
hotel room block or if there is no room block

The additional \$100 is to be used for NNA
meetings

Move: Clint Chaplin

Second:

Estimated loss for week is \$371,000. Hotels have agreed to add together the room usage at both hotels. With that the room block was met.

8.034	II	Executive secretary report	Rosdahl	5	05:53 PM
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Rosdahl presented the following material-

July 2013

doc.: IEEE EC-13/0022r1

II 8.034 Executive secretary report

LMSC 802 – P&P list of major duties:

1. Oversee Venue selection –
2. Present summaries of venue options.
3. Oversee activities related to facilities and services
4. Carry out Duties of Treasurer if Treasurer unavailable

Chairs Guideline list of major duties:

- 1) 802 Meetings: Efficiency Improvement
- 2) 802 Plenary Sessions: Facilities and Services
- 3) IEEE 802 Registration Database
- 4) Assist IEEE 802 Treasurer

Submission

Slide 17

Jon Rosdahl, CSR

8.035	II	Recording Secretary Report	D'Ambrosia	0	05:58 PM
8.036	II*	Appeals report -No items to report	D'Ambrosia	0	05:58 PM
8.04	II	Network Services report	Alfvin	1	05:58 PM

Alfvin gave verbal report. Made strong recommendation when coming back to China to develop relationship with Universities and government officials to improve internet connection.

8.05	DT	802 Plenary Organizers Report	Slykhouse	1	05:59 PM
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Slykhouse not present.

8.06	II*	Announcement of 802 EC Interim Telecon, Tuesday 3 June 2014 1-3pm ET	Rosdahl	0	06:00 PM
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Approved with approval of agenda.

July 2013

doc.: IEEE EC-13/0022r1

**II* 8.06 – 3 June 2014 Interim Telecon -
Agenda for Interim EC meeting
– Tuesday 3 JUN 1-3PM ET**

Initial Proposed Draft Agenda

- | | | |
|--|----------------|--------|
| - 1. Welcome/Intro/Approve Agenda | - Nikolich | 5 min |
| - 2. Report: Nov EC Action Item Summary | - D'Ambrosia | 2 min |
| - 3. Report: July 2014 San Diego Meeting Plan Status | - Rosdahl | 3 min |
| -4. RFP progress report | -Rosdahl | 5 min |
| - 5. WG Meetings online vs F2F | - Gilb/Thomson | 30 min |

Per Chairs Guideline – Confirm during the Closing EC Plenary.

8.07	II*	Call for Tutorials for July 2014 Plenary (Monday, July 14, 2014)	Rosdahl	0	06:00 PM
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Approved with approval of agenda.

March 2014

doc.: IEEE EC-13/0022r1

II* 8.07 Call for Tutorials for the July 2014 Plenary in San Diego, CA

Tutorials to be held Monday, July 14, 2014

Tutorial Request form:

[http://www.ieee802.org/802_tutorials/802_Tutorial Request Form.doc](http://www.ieee802.org/802_tutorials/802_Tutorial_Request_Form.doc)

**As a reminder please refer to Chair's Guidelines section
2.5 Tutorials for the logistics for participating in
sponsoring/presenting a Tutorial.**

All requests for Tutorials must be made by 30 May 2014.

Submission

Slide 19

Jon Rosdahl, CSR

8.08	II*	Call for Submissions for July 2014 Plenary Emerging Applications BoF (Wed, July 16, 2014)	Thaler	0	06:00 PM
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Approved with approval of agenda.

10.00		ADJOURN SEC MEETING	Nikolic		06:00 PM
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Meeting adjourned @ 6:00pm.

Action Items Summary:

Action Item: 3.001	Marks	Marks to provide 802.16 report to the EC with detailed schedule for each of the projects, which shall be posted 1 week prior to the July 2014 Opening EC Meeting.
Action Item: 3.001	Thompson	Thompson to supply draft language for a rules change regarding criteria for the confirmation of market relevance and vitality of WGs, their projects, potential re-assignment of projects and hibernation
Action Item: 3.1	Gilb / D'Ambrosia	Review rules for affiliation / endorsement letters.
Action Item: 3.1	Gilb	Review rules regarding endorsement / affiliation letter requirements for temporary appointments.
Action Item 4.03	Thaler	Develop a process to capture EC approved CSDs and make publicly available for easy review

Motions Summary:

* Motion #1	Move to approve agenda.
Moved	Thaler
Second	Kraemer
Results	13-0-0
Motion	Passes
Reference	Agenda Item #2.00

* Motion #2	Motion to confirm John Lemon as 802.17 (Hibernating) WG Chair
Moved	DAmbrosia
Second	Lynch
Results	13 – 0 – 0
Motion	Passes
Reference	3.01

* Motion #3	Motion to confirm Radhakrishna Canchi as 802.20 (Hibernating) WG Chair
Moved	Das
Second	Gilb
Results	13-0-0
Motion	Passes
Reference	3.01

* Motion #4	Motion to confirm Lynch as 802.18 TAG Chair
Moved	Shellhammer
Second	Mody
Results	13-0-0
Motion	Passes
Reference	3.01

* Motion #5	Motion to confirm Das as 802.21 WG Chair
Moved	Mody
Second	Rosdahl
Results	12-0-0
Motion	passes
Reference	3.01

* Motion #6	Motion to confirm Shellhammer as 802.19 WG Chair and Reede as 802.19 WG Vice Chair
Moved	Kraemer
Second	Chaplin
Results	13-0-0
Motion	Passes
Reference	3.01

* Motion #7	Motion to confirm Heile as 802.15 WG Chair, Alfvn as 802.15 WG Vice-Chair, and Kinney as 802.15 WG Vice-Chair
Moved	Das
Second	Mody
Results	13-0-0
Motion	0
Reference	3.01

* Motion #8	Motion to confirm Marks as 802.16 WG Chair and Bims as 802.16 WG Vice Chair.
Moved	Lynch
Second	Kraemer
Results	Postponed until July 2014 Plenary, per Motion #9
Motion	
Reference	3.01

* Motion #9	Motion to postpone confirmation of 802.16 officers until July 2014 Plenary
Moved	Gilb
Second	Jeffree
Results	8 – 4 – 1
Motion	Passes
Reference	3.01

* Motion #10	Motion to confirm Law as 802.3 WG Chair and Healey as 802.3 WG Vice Chair
Moved	Das
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	3.01

* Motion #11	Motion to confirm Parsons as 802.1 WG Chair, and Messenger as 802.1 WG Vice Chair
Moved	Rosdahl
Second	Lynch
Results	13-0-0
Motion	Passes
Reference	3.01

* Motion #12	Motion to confirm Stephens as 802.11 WG Chair, Stanley and Rosdahl as 802.11 WG Vice-Chairs
Moved	Lynch
Second	Das
Results	12 – 0 – 0
Motion	Passes
Reference	3.01

* Motion #13	Motion to confirm Mody as 802.22 WG Chair, and Chang as 802.22 WG Chair
Moved	Das
Second	Gilb
Results	13-0-0
Motion	Passes
Reference	3.01

* Motion #14	Motion to confirm Gilb as 802.24 TAG Chair and Godfrey as 802.24 TAG Vice Chair
Moved	Mody
Second	Shellhammer
Results	12 -1 - 0
Motion	Passes
Reference	3.01

* Motion #15	Motion to confirm Riegel as EC Omni RAN SG Chair and Juan-Carlos Zuniga as EC Omni RAN SG Vice-Chair
Moved	Rosdahl
Second	Jeffree
Results	13-0-0
Motion	Passes
Reference	3.01

* Motion #16	Motion to confirm all appointed officers noted.
Moved	Rosdahl
Second	Mody
Results	13-0-0
Motion	Passes
Reference	3.03

* Motion #17	Approve Estrel Hotel and Convention Center in Berlin, Germany as site for the IEEE 802 Plenary Session March 8-13, 2015, and authorize the IEEE 802 Exec Secretary to complete the contract preparation and IEEE contract execution.
Moved	Rosdahl
Second	Gilb
Results	13-0-0
Motion	Passes
Reference	4.01

* Motion #18	Approve Estrel Hotel and Convention Center in Berlin, Germany as site for the IEEE 802 Plenary Session July 9-14, 2017, and authorize the IEEE 802 Exec Secretary to complete the contract preparation and IEEE contract execution, with James Gilb as the 802 Exec Committee designee.
Moved	Rosdahl
Second	Gilb
Results	12-1-0
Motion	Passes
Reference	4.01

* Motion #19	Approve the changes in ec-14-0011-04-00EC, slide 6-10.
Moved	Gilb
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	4.03

* Motion #20	Remove Members Emeritus and all references to it from the IEEE 802 LMSC P&P, IEEE 802 LMSCOM and IEEE 802 LMSC CG
Moved	Jeffree
Second	Thaler
Results	2-3-8
Motion	Motion Fails
Reference	4.03

* Motion #21	"Members Emeritus are appointed by the Sponsor Chair and are confirmed by the Sponsor"
Moved	Gilb
Second	D'Ambrosia
Results	11-1-1
Motion	Motion passes
Reference	4.03

* Motion #22	The EC approves the changes described in document ec-14-0011-04, slides 12-16, to the IEEE 802 LMSC Working Group Policies & Procedures
Moved	Gilb
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	4.03

* Motion #23	The EC approves the changes described in document ec-13-0011-04, slide 18, to the IEEE 802 LMSC Chair's Guidelines
Moved	Gilb
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	4.03

* Motion #24	Move to reaffirm the IEEE P802.19.1 5C in document 802.19-09-0081r1
Moved	Shellhammer
Second	Das
Results	13-0-0
Motion	Passes
Reference	5.011

* Motion #25	Request unconditional Executive Committee approval to submit the P802.19.1 D5.0 to RevCom
Moved	Shellhammer
Second	Lynch
Results	13-0-0
Motion	Passes
Reference	5.011

* Motion #26	Approve the CSD for IEEE 802.21c in document number DCN: 14/21-14-0023-00-srho-802-21c-csd.docx.
Moved	Das
Second	Heile
Results	13-0-0
Motion	Passes
Reference	5.021

* Motion #27	IEEE 802 Executive Committee authorizes to forward P802.21c/D7.0 to IEEE SA RevCom.
Moved	Das
Second	Heile
Results	13-0-0
Motion	Passes
Reference	5.021

* Motion #28	EC Approves the 802.22 Revision PAR Form as contained in Document 22-14-0057 Rev0, and the contents of the document 22-13-0156Rev5 as the CSD and allows the PAR Form to be forwarded to the IEEE SA NESCOM
Moved	Mody
Second	Heile
Results	12-1-0
Motion	passes
Reference	5.031

* Motion #29	802.1 requests EC conditional approval to submit P802 REV to RevCom.
Moved	Gilb
Second	Thaler
Results	13-0-0
Motion	Passes
Reference	5.041

* Motion #30	<ul style="list-style-type: none"> Approve the CSD for P802.1AX-REV and approve submission of the project to sponsor ballot http://www.ieee802.org/1/files/public/docs2012/new-ax-rev-draft-5c-0112.pdf
Moved	Jeffree
Second	Thaler
Results	13-0-0
Motion	carries
Reference	5.042

* Motion #31	<ul style="list-style-type: none"> Approve the CSD for P802.1Qcd and approve submission of the project to Sponsor ballot http://www.ieee802.org/1/files/public/docs2013/new-p802-1qcd-draft-5c-0513-v01.pdf
Moved	Jeffree
Second	Thaler
Results	12-0-0
Motion	passes
Reference	5.043

* Motion #32	<ul style="list-style-type: none"> Approve submission of the IEEE 802.1Qcd PAR modification to NesCom http://www.ieee802.org/1/files/public/docs2014/cd-thaler-Qcd-PAR-mod-0314-v02.pdf
Moved	Jeffree
Second	Thaler
Results	13-0-0
Motion	Passes
Reference	5.044

* Motion #33	The IEEE 802 LMSC Executive Committee grants conditional approval to forward IEEE P802.3bj to RevCom and approves the IEEE P802.3bj CSD (grandfathered 5 Criteria responses) responses
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	5.051

* Motion #34	The IEEE 802 LMSC Executive Committee grants conditional approval to forward IEEE P802.3bm to Sponsor ballot and approves the IEEE P802.3bm CSD (grandfathered 5 Criteria responses) responses
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	passes
Reference	5.052

* Motion #35	The IEEE 802 LMSC Executive Committee approves the IEEE P802.3bp CSD (grandfathered 5 Criteria responses) responses and forwards the IEEE P802.3bp PAR modification request to NesCom
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	passes
Reference	5.053

* Motion #36	The IEEE 802 LMSC Executive Committee approves the IEEE P802.3bs CSD responses and forwards the IEEE P802.3bs PAR to NesCom
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	passes
Reference	5.053

* Motion #37	Approve submission of the 802.11ax PAR https://mentor.ieee.org/802.11/dcn/14/11-14-0165-01-0hew-802-11-hew-sg-proposed-par.docx to NesCom.
Moved	Kraemer
Second	Rosdahl
Results	13-0-0
Motion	passes
Reference	5.061

* Motion #38	Approve the 802.11ax CSD https://mentor.ieee.org/802.11/dcn/14/11-14-0169-01-0hew-ieee-802-11-hew-sg-proposed-csd.docx
Moved	Kraemer
Second	Rosdahl
Results	12-0-0
Motion	passes
Reference	5.061

* Motion #39	The 802.15 Working Group requests authorization to forward the additionally modified draft PAR (dcn 15-13-523-07) to NesCom for consideration and approval and also approve the CSD (dcn15-13-533-06).
Moved	Heile
Second	Gilb
Results	9-0-2
Motion	passes
Reference	5.071

* Motion #40	The 802.15 Working Groups requests EC authorization to submit the 802.15.4r draft PAR (dcn: 15-14-0075-05) to NesCom for consideration and approval and approves the CSD (dcn 15-14-0076-05)
Moved	Heile
Second	Gilb
Results	12-1-0
Motion	Passes
Reference	5.072

* Motion #41	<ul style="list-style-type: none"> Extend OmniRAN ECSG until July 2014 <ul style="list-style-type: none"> EC to approve the extension of the OmniRAN EC SG until July 2014 to allow the group to respond to comments of NesCom on the proposed P802.1CF PAR.
Moved	Rosdahl
Second	Mody
Results	12-0-1
Motion	passes
Reference	6.051

* Motion #42	The IEEE 802 LMSC Executive Committee approves an extension to the IEEE 802.3 400Gb/s Ethernet Study Group (3rd extension)
Moved	Law
Second	D'Ambrosia
Results	11-0-0
Motion	Passes
Reference	6.071

* Motion #43	The IEEE 802 LMSC Executive Committee grants approval for the formation of the IEEE 802.3 Gigabit Plastic Optical Fibre (POF) Study Group within IEEE 802.3
Moved	Law
Second	D'Ambrosia
Results	11-0-1
Motion	Passes
Reference	6.072

* Motion #44	The IEEE 802 LMSC Executive Committee grants approval for the formation of the IEEE 802.3 100 Mb/s operation over a single twisted pair Study Group within IEEE 802.3
Moved	Law
Second	D'Ambrosia
Results	12-0-0
Motion	Passes
Reference	6.073

* Motion #45	Approve the extension of the 802.11 HEW study group (3rd extension)
Moved	Kraemer
Second	Rosdahl
Results	12-0-0
Motion	passes
Reference	6.081

* Motion #46	Motion: 802.15 requests the EC renew the 100G SG for another cycle.
Moved	Heile
Second	Gilb
Results	12-0-0
Motion	passes
Reference	6.093

* Motion #47	802.15 requests the EC renew the SRU Study Group for another cycle.
Moved	Heile
Second	Gilb
Results	13-0-0
Motion	passes
Reference	6.093

* Motion #48	802 EC approves the following comment resolutions for submission to ISO/IEC JTC1 SC6: http://iee802.org/1/files/public/docs2014/liaison-ieee802response-AEbwFDISScmts-0314.pptx http://iee802.org/1/files/public/docs2014/liaison-ieee802response-AEbnFDISScmts-0314.pptx http://iee802.org/1/files/public/docs2014/liaison-ieee802response-ABFDIScmts-0314-V01.pptx http://iee802.org/1/files/public/docs2014/liaison-ieee802response-ARFDIScmts-0314-V01.pptx http://iee802.org/1/files/public/docs2014/liaison-ieee802response-ASFDIScmts-0314-V01.pptx
Moved	Jeffree
Second	Thaler
Results	13-0-0
Motion	Passes
Reference	7.051

* Motion #49	802 EC approves forwarding P802 to ISO/IEC JTC1 SC6, for information under the PSDO agreement
Moved	Jeffree
Second	Thaler
Results	13-0-0
Motion	passes
Reference	7.052

* Motion #50	The IEEE 802 LMSC Executive Committee confirms the appointment of Peter Anslow as the IEEE 802.3 liaison officer to ITU-T SG15
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	passes
Reference	7.061

* Motion #51	Approve liaising the contents of document 11-14/0368r1 slide 6 (https://mentor.ieee.org/802.11/dcn/14/11-14-0368-01-0000-march-2014-liaison-to-ietf-report.pptx) to the IETF OPSAWG via the 802.11 WG chair.
Moved	Kraemer
Second	Rosdahl
Results	13-0-0
Motion	passes
Reference	7.071

* Motion #52	Approve the liaison of the content of 11-14-456r0 (https://mentor.ieee.org/802.11/dcn/14/11-14-0456-00-0jtc-liasion-to-sc6-wg7-on-virtual-ap.docx) in relation to “WLAN Virtual Network” to ISO/IEC JTC1/SC6/WG7, granting to the IEEE 802.11 WG chair editorial rights.
Moved	Kraemer
Second	Rosdahl
Results	13-0-0
Motion	Passes
Reference	7.072

* Motion #53	To approve 18-14-0019-00-0000-ieee-802-3gpp-liasion-request-letter.docx
Moved	Lynch
Second	Jeffree
Results	11-0-2
Motion	passes
Reference	7.103

* Motion #54	Moved to form an IETF standing committee with Pat Thaler as the initial chair
Moved	Thaler
Second	D'Ambrosia
Results	13-0-0
Motion	Passes
Reference	7.113

* Motion #55	The IEEE 802 EC endorses the revision of RFC 4441 as defined in agenda item
Moved	Thaler
Second	Das
Results	12-0-0
Motion	Passes
Reference	7.114