MINUTES (Unconfirmed) IEEE 802 LMSC
EXECUTIVE COMMITTEE MEETING, Revision 1

Prepared by John D'Ambrosia, Recording Secretary

Friday, March 22, 2013 – 1:00 p.m.
All times Eastern Daylight Time (EDT)

Orlando, FL, USA

EC members present:
Paul Nikolich –   Chair, IEEE 802 LAN/MAN Standards Committee
Pat Thaler –   Vice Chair, IEEE 802 LAN/MAN Standards Committee
James Gilb –   Vice Chair, IEEE 802 LAN/MAN Standards Committee,
                             Chair, IEEE 802.24 Smart Grid TAG
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
Roger Marks –   Chair, 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
Max Riegel-   Chair, OmniRAN EC Study Group

Nonvoting EC members present:
Geoff Thompson –   Member Emeritus (nonvoting)
Radhakrishna Canchi – Chair, IEEE 802.20 – Mobile Broadband Wireless Access Working Group

EC members absent:
Clint Chaplin –   Treasurer, IEEE 802 LAN/MAN Standards Committee

Nonvoting EC members absent:
John Lemon –   Chair, IEEE 802.17 – Resilient Packet Ring Working Group

v02		**DRAFT AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING**			
		Friday 1:00PM-6:00PM			
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**	**1**	**01:00 PM**

Meeting called to order at 1:00pm

2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	15	01:01 PM

Agenda URL: https://mentor.ieee.org/802-ec/dcn/13/ec-13-0004-02-00EC-mar-2013-closing-agenda.xlsx

Recording Secretary explained new item number ordering of agenda.

Discussion regarding Agenda:
- 4.03 – Change Myles to Rosdahl
- 4.04 –
  - Change Myles to Kraemer
  - Change 11-13-1454r7 to 11-12-1454r8

Modified Agenda URL: https://mentor.ieee.org/802-ec/dcn/13/ec-13-0004-03-00EC-mar-2013-closing-agenda.xlsx

Motion #1:	Move to approve modified agenda
Moved	Das
Second	Jeffree
Results	13 – 0 -0
Motion	Passes

Approved Agenda

v03		DRAFT AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING			
		Friday 1:00PM-6:00PM			
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	1	01:00 PM
2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	15	01:01 PM
3.00	II	Announcements from the Chair	Nikolich	2	01:16 PM
3.01	MI	WG Officer Confirmation (802.22 Vice Chair, Dr. Chang-Woo Pyo)	Mody	2	01:18 PM
4.00		LMSC Internal business			01:18 PM
4.01	DT	IEEE-SA Standard Board Draft Sharing Ad-Hoc	Diab	10	01:18 PM
4.02	ME	JTC1 ad-hoc report	Myles	5	01:28 PM

4.03	**ME***	**Motion to approve Bruce Kraemer as HoD** **The IEEE 802 EC appoints Bruce Kraemer as HoD of the IEEE 802 delegation to the SC6 meeting in June 2013 and authorises him to:** **1. Appoint the IEEE 802 delegation** **2. Approve any necessary submissions** **3. Call any necessary preparation teleconferences**	**Rosdahl**	**0**	**01:33 PM**
4.04	**ME***	**Motion to approve IEEE 802/SC6 collaboration process** **The IEEE 802 EC approves 11-12-1454r8 as a response to the ISO/IEC JTC1/SC6 requests that IEEE 802:** **1. Establish a mechanism that allows SC6 NBs to contribute to the revision process in IEEE 802.1/3/11** **2. Exchange information with SC6 about new work items that are within the scope of SC6 and the respective IEEE 802 WG for information and potential coordination"**	**Kraemer**	**0**	**01:33 PM**
4.05		Exec Secretary Report			01:33 PM
4.051	MI	Future Venues	Rosdahl	20	01:33 PM
4.052	II	Meeting Manager Expectations	Rosdahl	15	01:53 PM
4.06	DT	802 Overview and Architecture report	Gilb	15	02:08 PM
4.07	**MI***	**Treasurer's report**	**Chaplin**	**0**	**02:23 PM**
4.08	DT	OM and WG P&P	Gilb	10	02:23 PM
4.09	MI	Approve OM and WG P&P changes, per ec-13-0008-03	Gilb	10	02:33 PM
4.10	**MI***	**Approve new Chair's guideline (with editorial changes), document IEEE_802_Chairs_guidelines_v13.pdf. Motion: The EC approves IEEE_802_Chairs_guidelines_v13 as the IEEE 802 LMSC Chair's guidelines with editorial change**	**Gilb**	**0**	**02:43 PM**
4.11	MI	Proposed Changes to OM	Gilb	30	02:43 PM
		Break		10	03:13 PM
5.00		**IEEE Standards Board and Sponsor Ballot Items**			03:23 PM
5.01		IEEE 802.15,			03:23 PM
5.011	ME	IEEE P802.15.4p PAR Title Change to NesCom	Heile	5	03:23 PM
5.012	ME	IEEE P802.15.4k to RevCom (conditional)	Heile	5	03:28 PM
~~5.02~~	~~-~~	~~IEEE 802.16~~	~~-~~	~~-~~	~~03:33 PM~~
~~5.03~~	~~-~~	~~IEEE 802.18~~	~~-~~	~~-~~	~~03:33 PM~~
~~5.04~~	~~-~~	~~IEEE 802.19~~	~~-~~	~~-~~	~~03:33 PM~~
5.05	ME	IEEE 802.21C : Optimized Single Radio Handovers PAR Extension to NesCom	Das	5	03:33 PM
5.06	ME	IEEE P802.22a MIBs and Managememt Plane Procedures to Sponsor Ballot (conditional)	Mody	5	03:38 PM
5.07		IEEE 802.1			03:43 PM
5.071	ME	IEEE 802.1AC Revision PAR to NesCom	Jeffree	4	03:43 PM
5.072	ME	IEEE 802.1CB PAR to NesCom	Jeffree	4	03:47 PM
5.073	ME	IEEE 802.1AB Cor-1 to RevCom (conditional)	Jeffree	4	03:51 PM

5.08		**IEEE 802.3**			**03:55 PM**
5.081	**ME**	**IEEE P802.3bm 40 Gb/s and 100 Gb/s Operation Over Fiber Optic Cables PAR modification to NesCom**	**Law**	**4**	**03:55 PM**
5.082	**ME**	**IEEE P802.3bq 40GBASE-T PAR to NesCom**	**Law**	**4**	**03:59 PM**
5.083	**ME**	**IEEE P802.3bk Extended EPON to Sponsor Ballot(conditional)**	**Law**	**4**	**04:03 PM**
5.084	**ME**	**IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs revision to RevCom (conditional)**	**Law**	**4**	**04:07 PM**
5.09	**ME**	**IEEE 802.11ac,Very High Throughput <6Ghz, to Sponsor Ballot (conditional)**	**Kraemer**	**5**	**04:11 PM**
6.00		**Executive Committee Study Groups, Working Groups, TAGs**			**04:16 PM**
6.01	-	~~IEEE 802.15,~~	-	-	~~04:16 PM~~
6.02	-	~~IEEE 802.16~~	-	-	~~04:16 PM~~
6.03	-	~~IEEE 802.18~~	-	-	~~04:16 PM~~
6.04	-	~~IEEE 802.19~~	-	-	~~04:16 PM~~
6.05	-	~~IEEE 802.21~~	-	-	~~04:16 PM~~
6.06	-	~~IEEE 802.22~~	-	-	~~04:16 PM~~
6.07	**ME**	**IEEE 802.24, Endorse 24-12-0033-03 as 802 Package of Smart Grid Standards**	**Gilb**	**10**	**04:16 PM**
6.08	**MI**	**IEEE OmniRAN EC Study Group (1st Extension)**	**Riegel**	**20**	**04:26 PM**
6.09	-	~~IEEE 802.1~~	-	-	~~04:46 PM~~
6.10		**IEEE 802.3**			**04:46 PM**
6.101	**MI**	**IEEE 802.3 Next Generation BASE-T Study Group (2nd extension)**	**Law**	**3**	**05:01 PM**
6.102	**MI***	**IEEE 802.3 IEEE 802.3 Distinguished Minimum Latency Traffic Study Group (1st extension)**	**Law**	**0**	**05:04 PM**
6.103	**MI**	**IEEE 802.3 400 Gb/s Ethernet**	**Law**	**5**	**04:46 PM**
6.104	**ME**	**IEEE 802.3, Higher Speed Ethernet Consensus Industry Connections Activity, Motion to Disband**	**Law / D'Ambrosia**	**5**	**04:51 PM**
6.105	**MI**	**IEEE 802.3 4-pair Power over Ethernet**	**Law**	**5**	**04:56 PM**
6.11	**MI**	**IEEE 802.11, High Efficiency WLAN**	**Kraemer**	**5**	**05:04 PM**
7.00		**LMSC Liaisons and External Interface**			**05:09 PM**
7.01	-	~~IEEE 802.15,~~	-	-	~~05:09 PM~~
7.02	-	~~IEEE 802.16~~	-	-	~~05:09 PM~~
7.03		**IEEE 802.18**			**05:09 PM**
7.031	**ME***	**IEEE 802.18, Proposed LS to ITU-R WP 5D: Update toward Rec. ITU-R M.1457-12 (Meeting X Notification) (18-13/034r1) per OM 8.2.2**	**Lynch**	**0**	**05:09 PM**
7.032	**ME***	**IEEE P802.18, Proposed Cont. to ITU-R WP 5D- Update of WirelessMAN-Advanced RIT of Rec. ITU-R M.2012 (Meeting Y+2) (18-13/035r2) per OM 8.2.2**	**Lynch**	**0**	**05:09 PM**
7.033	**ME***	**IEEE P802.18, Proposed Statement to IETF LMAP on IEEE P802.16.3 Activity (18-13/036r0) per OM 8.2.2**	**Lynch**	**0**	**05:09 PM**

7.034	ME*	IEEE P802.18, Proposed statement to BBF: Response to liaison of 8 March on Performance Measurements Architecture (18-13/037r1) per OM 8.2.2	Lynch	0	05:09 PM
7.035	ME*	IEEE P802.18, - IEEE 802 Input to WP5A on 5 GHz (18-13/038r3) per OM 8.2.2	Lynch	0	05:09 PM
7.04	-	IEEE 802.19	-	-	05:09 PM
7.05	-	IEEE 802.21	-	-	05:09 PM
7.06	-	IEEE 802.22	-	-	05:09 PM
7.07	-	IEEE 802.24	-	-	05:09 PM
7.08		IEEE 802.1			05:09 PM
7.081	ME	IEEE 802.1, IEEE 802.1AS, 802.1AB, 802.1AR to ISO/IEC JTC1 SC6 under the PSDO agreement	Jeffree	5	05:09 PM
7.082	II*	IEEE 802.1 802.1 liaison response to MEF on CFM vendor specific PDUs	Jeffree	0	05:14 PM
7.09		IEEE 802.3			05:14 PM
7.091	II*	IEEE 802.3, Liaison letter to ITU-T SG5: Ethernet port isolation	Law	0	05:14 PM
7.092	II*	IEEE 802.3, Liaison letter to ITU-T SG9: High performance network over coax	Law	0	05:14 PM
7.093	II*	IEEE 802.3, *: Liaison letter to ITU-T SG15: Access Network Technologies (ANT) Standardization Work Plan	Law	0	05:14 PM
7.094	II*	IEEE 802.3, Liaison letter to ITU-T SG15: Optical Transport Network Technologies (OTNT) Standardization Work Plan	Law	0	05:14 PM
7.095	ME	Submission of IEEE Std 802.3-2012 for adoption by ISO/IEC JTC1 SC6	Law	4	05:14 PM
7.096	ME	IEEE 802.3 400Gb/s Ethernet Study Group formation press release	Law	2	05:18 PM
7.097	ME	IEEE 802.3 Ethernet Technology Summit Press Release	Law	2	05:20 PM
7.098	ME	IEEE 802.3 4-pair Power Over Ethernet Study Group formation press release	Law	10	05:22 PM
7.10	-	IEEE 802.11	-	-	05:32 PM
8.00		IEEE SA items			05:32 PM
8.01	DT	IoT-SA Call for Submissions	Kraemer	5	05:32 PM
8.02	DT	Consideration of formation of an 802 "ITU Collaboration" Subcommittee	Nikolich	5	05:37 PM
8.03	DT	ITU Workshop Status / Global Activities Update	Haasz	5	05:42 PM
8.04	DT	SA E-Tools Update	Boyce	5	05:47 PM
8.05	DT	SA Staff Support Update	McCabe / Gerdon	5	05:52 PM
9.00		Information Items			05:57 PM
9.01	II	JTC1 ad-hoc report	Myles	-	05:57 PM
9.02	II	Regulatory report	Lynch	2	05:57 PM
9.03	II	Executive secretary report	Rosdahl	-	05:59 PM

9.04	II	Recording Secretary Report		D'Ambrosia	1	05:59 PM
9.05	II*	Appeals report -No items to report		D'Ambrosia	0	06:00 PM
9.06	II	Network Services report		Alfvin	2	06:00 PM
9.07						06:02 PM
10.00		ADJOURN SEC MEETING		Nikolich		06:00 PM

3.00	II	Announcements from the Chair		Nikolich	2	01:16 PM

Chair congratulated Lisa Ronmark & husband on birth of new child. Card is available for signature.
The name of the new child is Alistair Kenneth Anton Ogilvie Ronmark

3.01	MI	WG Officer Confirmation (802.22 Vice Chair, Dr. Chang-Woo Pyo)		Mody	2	01:18 PM

Mody presented the following slides.

Motion

Move to Confirm Dr. Chang-woo Pyo as the 802.22 Working Group Vice Chair
CONSENT AGENDA

Motion

12 People in the room not including Dr. Pyo

Move to unanimously elect Dr. Chang-woo Pyo as the IEEE 802.22 WG Vice Chair with Acclamation
Discussions: None
Move: Apurva Mody
Second: Peter Flynn
For: 9
Against: 0
Abstain: 0
Motion is Approved. Dr. Chang-woo Pyo has been elected as the Vice Chair of the 802.22 Working Group pending confirmation from the IEEE 802 EC.

EC Motion to Confirm Dr. Chang-woo Pyo as 802.22 WG Vice Chair – CONSENT AGENDA

Move to confirm Dr. Chang-woo Pyo as the 802.22 Working Group Vice Chair

Move: Apurva Mody
Second:
For:
Against:
Abstain:
Motion Passes / Fails

Recording Secretary confirmed that endorsement / affiliation papers had been received.

Motion #2:	Move to confirm Dr. Chang-woo Pyo as the 802.22 Working Group Vice Chair
Move	Mody
Second	Heile
Results	13-0-0
Motion	Passes

4.01	DT	IEEE-SA Standard Board Draft Sharing Ad-Hoc	Diab	10	01:18 PM

Diab presented the following slides.

IEEE-SA Standards Board
Draft Sharing Ad-Hoc

Update to IEEE 802 EC

Wael William Diab
wdiab@broadcom.com

March 21st, 2013

Background and Update

- Background
  - Created by SASB out of August series
  - Charter
    - Review the IEEE-SA procedures and suggest appropriate changes, if needed, to clarify how to address sharing draft standards between entity-based WG and individual-based WG
  - Example
    - Liaison request from an individual group interested in the work of an entity group for a copy of the draft standard in development
  - Scope
    - Charter for *draft* and not published/completed standards
    - Mechanisms for joint work exist. E.g. JSA, joint balloting
- Progress since last update
  - Developed FAQ based on consensus principles which were reviewed by SASB in December
  - FAQ approved by IEEE-SASB and ad-hoc work complete

SASB Action from March Series

- IEEE-SA Standards Board agenda item and motion for March 2013 SASB
  - 9.1 Information Exchange (Draft Sharing) Ad Hoc Report
    - Wael Diab, Information Exchange (Draft Sharing) Ad Hoc Chair, reported.
  - There was a motion:
    - Approve FAQ Format B with editorial license to staff.
    - The motion was approved.
  - *AI – Mary Lynne Nielsen to editorially update the presented FAQ.*
- Location: http://standards.ieee.org/faqs/index.html

Sharing of Drafts by IEEE Standards Working Groups

- *Can I share IEEE standards drafts within my IEEE standards working group?*

Yes. Sharing of IEEE standards drafts within a particular IEEE standards project may be done. See *IEEE SA Standards Board Operations Manual,* section 6.1.3.1, "Draft copyright statements." {LINK}

- *Can I share IEEE standards drafts between different IEEE standards working groups?*

Sharing of IEEE standards drafts between different IEEE standards working groups is desirable. You can initiate a request via a Joint Sponsorship Agreement {LINK} (for joint sponsorship) or a communication (e.g., by a liaison) between both working groups. Contact the IEEE Standards Department at stds-ipr@ieee.org for further information.

- *What are some of the issues that might arise sharing a draft standard between working groups?*

Issues related to sharing IEEE standards drafts between IEEE standards working groups need to be addressed by the IEEE standards working group that is developing the draft, including:

- Level of maturity of the draft standard
- Mutual understanding on access and redistribution e.g., draft placed behind a password protection and availability
- Recommendation on whether to make it available free of charge or not

The judgment on these issues rests with the working group that is developing the draft in consultation with IEEE-SA staff.

- *Is there a price associated with sharing an IEEE draft standard?*

Sharing of drafts within the particular IEEE standards project that is developing the draft may be done without charge. Any other pricing related to sharing IEEE draft standards is determined by IEEE-SA staff {LINK to ipr email address as given above} in consultation with the working group that is developing the draft.

Additional Mechanisms for Cooperation

- This effort was focused on draft sharing
- While unrelated, there are additional methods of cooperation between groups that have been developed over the past year
  - Joint sponsorship: Joint Sponsorship and associated agreement (JSA) developed last year
  - Parallel balloting between entity and individual methods (e.g. P1904.1 and 802.3): ProCom ad-hoc concluded and changes undergoing SASB letter ballot

REFERENCE MATERIAL: REPORT TO IEEE SASB 0313

Ad-Hoc Members

Thanks to the ad-hoc members for their effort and participation

- Matt Ceglia [4]
- Wael William Diab [1 2 3 4], Chair
- Jean-Philippe Faure [2 3]
- Tricia Gerdon [1 2 4]
- Paul Houzé
- Jim Hughes [1 2 4]
- Noelle Humenick [1]
- Bruce Kramer* [2 3 4]
- John Kulick [1 2 3 4]
- David Law [1 2 3 4]
- Mary Lynne Nielsen [1 2 3 4]
- Ted Olsen [1 2 4]
- Dave Ringle [1 2 3 4]
- Jon Rosdahl [1 2 4]

Calls: 1=attended first 2=attended second 3=attended third 4=attended fourth *=added by SASB chair after 1st call

Diab believed that FAQ and work had been closed. Diab point of contact to take feedback back.

<mark>Action Item - Chair directed individuals with concerns to provide their feedback to Mr. Diab to take back.</mark>

Additional slides in submitted presentation, but not presented, shown below.

Background and Progress

- Background
  - Created by SASB out of August series
  - Charter
    - Review the IEEE-SA procedures and suggest appropriate changes, if needed, to clarify how to address sharing draft standards between entity-based WG and individual-based WG
  - Example
    - Liaison request from an individual group interested in the work of an entity group for a copy of the draft standard in development
- Progress
  - Held 4 teleconferences
    - One since December series
  - Developed consensus principles which were reviewed by SASB in December
    - Presented to IEEE-SA CAG and IEEE-SA BOG at Nov / Dec meeting series
  - Agreed to capture the consensus ideas as a FAQ in SASB area
    - Developed FAQ
  - Consensus to start with a FAQ for now. Revisit if P&P changes needed
- "Scope"
  - Charter for *draft* and not published/completed standards
  - Mechanisms for joint work exist. E.g. JSA, joint balloting

Proposed FAQ Location and Title

- Ad-hoc consensus on FAQ text and location below
- Location: http://standards.ieee.org/faqs/index.html
- Proposed FAQ title: "Sharing of drafts"
- Since we are in editing mode...two proposed formats for your consideration
  - Note we are approving content

Proposed FAQ Format A

- FAQ question
  - "How can I share a draft between two working groups?"
- FAQ Response
  - Sharing of drafts within a particular IEEE standards project may be done without charge see IEEE SASB Operations Manual section 6.1.3.1 "Draft copyright statements".
  - Sharing of drafts between WGs is desirable. The following guidance is recommended when considering sharing of drafts between WGs
    - Request initiated via a JSA (for joint sponsorship) or a communication (e.g. liaison) between both WGs
    - Issues related to sharing need to be addressed by the WG that is developing the draft
      - Level of maturity
      - Mutual understanding on access and redistribution e.g. draft placed behind a password protection and availability
      - Recommendation on whether to make it available free of charge or not
    - The judgment on the above rests with the WG that is developing the draft in consultation with IEEE-SA staff
    - Any pricing of the draft is determined by IEEE-SA staff in consultation with the WG that is developing the draft

Proposed FAQ Format B

- Question 1
  - "Can I share drafts within my IEEE standards working group?"

    Sharing of drafts within a particular IEEE standards project may be done without charge. See IEEE SASB Operations Manual section 6.1.3.1 "Draft copyright statements".
- Question 2
  - What about sharing IEEE standards drafts between different IEEE standards working groups?

    Sharing of drafts between WGs is desirable. Request initiated via a JSA (for joint sponsorship) or a communication (e.g. liaison) between both WGs
- Question 3
  - What if the review of the standards draft identifies any issues?

    Issues related to sharing need to be addressed by the WG that is developing the draft
    - Level of maturity
    - Mutual understanding on access and redistribution e.g. draft placed behind a password protection and availability
    - Recommendation on whether to make it available free of charge or not

    The judgment on the above rests with the WG that is developing the draft in consultation with IEEE-SA staff
- Question 4
  - Is there a price associated with getting an IEEE draft standard?

    Any pricing of the draft is determined by IEEE-SA staff in consultation with the WG that is developing the draft

Proposed Next Steps

- Report progress to SASB at Mar meeting
  - Approval of FAQ by SASB
  - Discussion if more (e.g. P&P) is needed or revisit if needed after FAQ in place
- Based on above
  - Request to disband (if we are done) or re-charter ad-hoc (if more needed)

BACKUP

Consensus Principles

- No objection to sharing a draft
- Issues related to sharing need to be addressed
  - Recommendation on whether to make it available free of charge or not
  - Level of maturity
  - Mutual understanding on access and redistribution e.g. draft placed behind a password protection and availability
- The judgment on the above rests with the WG (e.g. level of maturity, recommendation on whether or not to charge etc.) in consultation with staff
- Request initiated via a JSA (for joint sponsorship) or a communication (e.g. liaison) between both WGs

Informational Ref Sec 6.1.3.1

- An IEEE draft standard may be distributed without charge to the participants for that IEEE standards development project. Other persons seeking permission to reproduce the document, in whole or in part, must obtain permission from the IEEE Standards Activities Department.

Thank You!

Myles presented the following Slides.

IEEE 802 JTC1 SC closing report (Mar 13)

Date: 2013-3-22

Authors:

Name	Company	email
Andrew Myles	Cisco	andrew.myles@cisco.con

Abstract

Closing report for IEEE 802 JTC1 SC for March13 in Orlando

JTC1 SC focused on reporting on status updates & prep'ing for next SC6 meeting

- **Reviewed latest liaisons to SC6**
  - 802.11ac D5.0 liaised
  - Responses to comments on 802.11-2012 liaised
- **Reviewed status of PSDO activity**
  - Pre-ballots in SC6 on 802.1X & 802.1AE passed
    - 5 month ballot delayed until comments resolved
    - 11-13-336r5 on 802.1X, 11-13- 337r4 on 802.1AE will be considered by EC
  - Pre-ballots in SC6 on 802.11aa/ad/ae are still open
    - Close on 7 April
  - 802.3 WG will submit 802.3-2012 under PSDO
  - 802.1 WG will submit 802.1AS, 802.1AB, 802.1AR under PSDO

JTC1 SC focused on reporting on status updates & prep'ing for next SC6 meeting

- **Reviewed status of various China NB proposals in SC6**
  - No known changes to status for :
    - WAPI
    - TEPA-AC
    - TLSec
    - TAAA
  - IETF are now tracking TISec and may send representative to next SC6 meeting
  - Nufront will present on EUHT and coexistence with 802.11 in May in Hawaii; possibly in SC?

JTC1 SC focused on reporting on status updates & prep'ing for next SC6 meeting

- **Prepared for next SC6 meeting in June in Korea**
  - Reviewed agenda
  - Empowered Bruce Kraemer as HoD
  - Completed contribution process for SC6 NBs to "participate" in development & maintenance of 802 standards
    - 11-12-1454r8 will be considered by EC
    - Also discussed in 802.1 WG & 802.3 WG
  - Discussed a Swiss NB "explanatory report" on the SC6 resolutions from Graz
    - Further discussion and any action will occur in Hawaii
  - Discussed a response to Swiss NB comparison of 802.1X and TEPA-AC
    - Will be completed in Hawaii

JTC1 SC have plans for May 13 in Hawaii focused on prep for SC6 meeting

- **Review status of liaisons to SC6**
- **Review status of pre-ballots/ballots in SC6**
  - 802.11aa/ad/ae, 802.1X/AE/AS/AB/AR, 802.3
- **Prepare for SC6 meeting in June**
  - Review final agenda
  - Consider response to Swiss NB "explanatory report"
  - Complete response comparison of 802.1X &TEPA-AC
  - Update table of status of IEEE 802 contributed ISO/IEC documents
  - Develop status information about 802.1/3/11 for SC6
  - Liaise with IETF on TISec
- **Possibly host Nufront presentation on EUHT**

Motion #3:	The IEEE 802 EC approves the responses in 11-13-336r5 to the comments from the China NB in the pre-ballot in ISO/IEC JTC1/SC6 on IEEE 802.1X approves their liaising to ISO/IEC JTC1/SC6
Moved	Jeffree
Second	Thaler
Results	13-0-0
Motion	Passes

Motion #4:	The IEEE 802 EC approves the responses in 11-13-337r4 to the comments from the China NB in the pre-ballot in ISO/IEC JTC1/SC6 on IEEE 802.1AE approves their liaising to ISO/IEC JTC1/SC6
Moved	Jeffree
Second	Kraemer
Results	13-0-0
Motion	Passes

4.03	ME*	**Motion to approve Bruce Kraemer as HoD** **The IEEE 802 EC appoints Bruce Kraemer as HoD of the IEEE 802 delegation to the SC6 meeting in June 2013 and authorises him to:** **1. Appoint the IEEE 802 delegation** **2. Approve any necessary submissions** **3. Call any necessary preparation teleconferences**	**Rosdahl**	**0**	**01:33 PM**
4.04	ME*	**Motion to approve IEEE 802/SC6 collaboration process** **The IEEE 802 EC approves 11-12-1454r8 as a response to the ISO/IEC JTC1/SC6 requests that IEEE 802:** **1. Establish a mechanism that allows SC6 NBs to contribute to the revision process in IEEE 802.1/3/11** **2. Exchange information with SC6 about new work items that are within the scope of SC6 and the respective IEEE 802 WG for information and potential coordination"**	**Kraemer**	**0**	**01:33 PM**

Approved with approval of agenda.

4.05		**Exec Secretary Report**			**01:33 PM**
4.051	MI	**Future Venues**	**Rosdahl**	**20**	**01:33 PM**

Rosdahl presented following slides. Original slides from ec-13-0012-02 were updated during presentation of slides. File was revised to ec-13-0012-03

4.05 II 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

4.051 MI Future Venues
1. **Motion to approve March 2014**
2. **Venue Priorities**
3. **Motion to approve Priorities**

Motion for March 2013 Plenary

Motion to approve the selection of China World Hotel, Beijing, China for the venue for the March 2014 Plenary.

Moved: Jon Rosdahl

2nd: Roger Marks

Results: 13-0-0

Motion #5:	**Motion to approve the selection of China World Hotel, Beijing, China for the venue for the March 2014 Plenary.**
Moved	Rosdahl
Second	Marks
Results	13-0-0
Motion	passes

Venue Priorities

Proposed Priorities

Non-North American Venues:

2015 March - 1 Barcelona / 2 Rome / 3 Berlin

2016 March – 1 Macau / 2 Shanghai / 3 Yokahoma

2017 July   -- 1 Copenhagen / 2 Gothenberg / 2 Vienna

North American Venue:

2017 March - 1 New Orleans / 2 Florida

Priorities: Even years = Asia

Odd Years = Europe

2018 and 2019 -

fill in with new venues and choice not filled in

Motion to Approve Priorities

Move to approve the priorities for Non-North American venues as follows:

2015 March - 1 Barcelona / 2 Rome / 3 Berlin

2016 March – 1 Macau / 2 Shanghai / 3 Yokahoma

2017 July   - 1 Copenhagen / 2 Gothenberg / 3 Vienna

and for a North American Venue:

2017 March - 1. New Orleans / 2. Florida

Moved: Jon Rosdahl

2nd: Mike Lynch

Results: 13-0-0

Motion #6	**Move to approve the priorities for Non-North American venues as follows:**
	2015 March - 1 Barcelona / 2 Rome / 3 Berlin
	2016 March – 1 Macau / 2 Shanghai / 3 Yokahoma
	2017 July - 1 Copenhagen / 2 Gothenberg / 3 Vienna
	and for a North American Venue:
	2017 March - 1. New Orleans / 2. Florida
Moved	Rosdahl
Second	Lynch
Results	13-0-0
Motion	passes

4.052	II	**Meeting Manager Expectations**	**Rosdahl**	**15**	**01:53 PM**

Rosdahl presented following slide.

4.052 Meeting Manager Expectations

- **Current Status:**
  - A Proposed Contract will be offered for Meeting Manager Services
- **Negotiations and finalization to continue according to following schedule:**
  - Finalize next draft contract (R7) via executive e-mail exchange by 27 March and present to SP
  - ExSec/SP present any counter proposal (R8) to EC by 2 April
  - EC consider and ExSec prepare draft contract (R9) for SP by 10 April
  - Hold a 10-Day E-mail Ballot on Final Contract 15 April to 25 April

4.06	DT	802 Overview and Architecture report		Gilb	15	02:08 PM

Gilb gave verbal report, ballot to close today. Documents will be reviewed offline, joint conference call between 802.1 and wireless interims to finalize responses to go back to recirculation. Gilb sent out an email to EC reflector indicating that file had been posted, which indicated action items had been sent to individuals.

It was suggested that a date be assigned to hold a tele-conference call to resolve comments.

Action Item: Gilb - Major changes will be summarized to the EC reflector. Calls will be cc'd to the EC reflectors.

4.07	MI*	Treasurer's report		Chaplin	0	02:23 PM

Approved with approval of agenda.

4.08	DT	OM and WG P&P		Gilb	10	02:23 PM

Gilb presented https://mentor.ieee.org/802-ec/dcn/13/ec-13-0016-01-00EC-march-2013-rules-motions.pdf

IEEE 802 motions for rules changes
March 2013

802 EC Rules   James Gilb (Tensorcom)

Introduction

- Voting members
  - 6 officers
  - 8 WG chairs (1, 3, 11, 15, 16, 19, 21, 22)
  - 2 TAG chairs (18, 24)
  - 15 voting members (16 - 1 overlapping)
- "at least two thirds of all voting members of the Sponsor" = 10 affirmative votes

WG P&P: Voting rights

- Which duly constituted interims count?
- Change the first paragraph of "7.2.1.Establishment" as shown:
  - one duly constituted <u>recent</u> interim WG or Task Group session may be substituted for one of the two plenary sessions required to establish membership. <u>A recent interim is any of the interims after the first of the four most recent plenaries.</u>
- Add the same sentence to the end of the paragraph in "7.2.2 Retention" and change to "duly constituted <u>recent</u> interim"

OM and WG 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-13-0016-00, slide 3, IEEE 802 LMSC Working Group Policies and Procedures
  - Moved: Gilb
  - Second:
  - Vote:

CG updates

- This motion is proposed using the EC's normal process to take action.

- Motion: The EC approves ec-13-0010-01-00EC-Proposed_Chairs_guidelines.pdf as the IEEE 802 LMSC Chair's guidelines with editorial changes allowed.
  - Moved: Gilb
  - Second:
  - Vote:

Plan for 5C/CSD update

- In November, there was a plan to circulate changes well in advance of the March plenary
- This did not happen
  - While we could make some changes today, best may be to see complete text at one time
- New plan
  - Review proposed changes today
  - Gather feedback
  - Present to each WG in May/July for discussion

Comments on 5C

Request for clarification

Gilb presented https://mentor.ieee.org/802-ec/dcn/13/ec-13-0009-04-00EC-proposed-5c.pdf
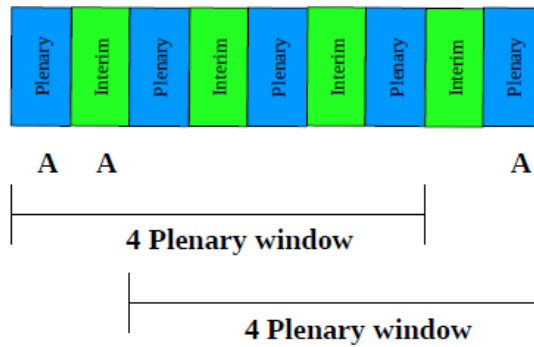
Background

While the 5C is used at PAR approval, it is also supposed to be reviewed and updated periodically. From the IEEE 802 LMSC Working Group Policies and Procedures:

"5.WG responsibilities

...

The WG shall periodically review and confirm that the response to the five criteria, refer to the criteria for standards development subclause in the IEEE 802 LMSC Operations Manual [4], used to approve its PAR(s) still reflect the state of the project(s) to which they relate. Should a WG need to modify the responses to the five criteria during a projects' development in order to accurately reflect the state of the project, the modified responses shall be submitted to the Sponsor for approval."

We currently have 5 criteria, a requirement to develop managed objects (or a plan for a project that does them) and a requirement, if necessary, to participate in the coexistence assurance (CA) document process.

The goals of the changes are:

- Maintain the value of the 5C brand (people are used to it, no need to confuse them).
- Allow 802 to create a logical separation of requirements for approving and progressing projects.
- Formalize the 5C review process and make it a part of ballot approval, in a manner similar to the PAR.
- Clearly explain the purpose and use of the CSD/5C

Hence the following changes are suggested:

- Add the managed objects requirement to the CSD reporting. Thus it will be evaluated not only at the beginning of the project, but also during its development phase (as is done with the CA document).
- The CA and managed objects are an ongoing process as opposed to criteria to be met (e.g., a bar to pass). So these are put in a separate subclause
- The 5C is a new subclause (part of the overall CSD), that now is not the "five criteria," but rather is simply "5C" (in case we want to do more or fewer critieria in the future).

Some clause 10 rule changes will also be required.

Change subcluase 10.2 as follows:

10.2 IEEE 802 LMSC approval

A complete proposed PAR and, if applicable, responses to the ~~five criteria~~ criteria for standards development (CSD), as described in ~~10.5 below~~ Clause 14, shall be submitted to the Sponsor via the Sponsor email reflector for review no less than 30 days prior to the day of the opening Sponsor meeting of an IEEE 802 LMSC plenary session. The submittal message should include Internet links to the required submittal documents. Presence of the submittal message in the reflector archive (with time stamp) is evidence of delivery.

Approval of the PAR by the EC is contingent on inclusion of accepted responses describing how the proposed PAR meets the ~~five criteria~~ CSD. PARs which introduce no new functionality are exempt from the requirement to provide responses to the ~~five Criteria~~ CSD. Examples of such PARs are: Protocol Implementation Conformance Statements (PICS), Managed Object Conformance Statements (MOCS), PARs to correct errors, and PARs to consolidate documents.

...

The CSD shall be reviewed and approved by each balloter, WG and the Sponsor as part of the approval process for the following:

- Forwarding the PAR to NesCom
- Forwarding the draft to Sponsor ballot
- Forwarding the draft to RevCom

Sponsor approval of changes to the CSD after its initial approval may occur at plenary sessions or by electronic ballot between sessions.

Replace 10.5 Criteria for Standards Development (Five Criteria) with the following as Clause 14. No changes are shown in this version, just the new clause.

14. IEEE 802 criteria for standards development (CSD) and 5C

The CSD documents an agreement between the WG and the Sponsor that provides a description of the project and the Sponsor's requirements more detailed than required in the PAR.

14.1 Project process requirements

14.1.1 Managed objects

Describe the plan for developing a definition of managed objects. The plan shall specify one of the following:

a) The definitions will be part of this project.
b) The definitions will be part of a different project and provide details of that project.
c) The definitions will not be developed and explain why such definitions are not needed.

14.1.2 Coexistence

A WG proposing a wireless project is required to demonstrate coexistence through the preparation of a Coexistence Assurance (CA) document unless it is not applicable.

a) Will the WG create a CA document as part of the WG balloting process? (yes/no)
b) If not, explain why the CA document is not applicable.

14.2 5C requirements

14.2.1 Broad market potential

Indicate why this project has broad market potential. At a minimum, address the following areas:

a) Broad sets of applicability.
b) Multiple vendors and numerous users.

14.2.2 Compatibility

All IEEE 802 standards should be in conformance with IEEE Std 802, IEEE 802.1D, and IEEE 802.1Q. If any variances in conformance emerge, they shall be thoroughly disclosed and reviewed with IEEE 802.1 Working Group prior to submitting a PAR to the Sponsor.

    a) Will the proposed standard comply with IEEE Std 802, IEEE Std 802.1D and IEEE Std 802.1Q?

    b) If the answer to a) is no, supply the response from the IEEE 802.1 Working Group.

In the case of an amendment or revision to an existing standard for which it has previously determined that compliance with the above 802.1 standards is not possible or is otherwise has been accepted, the review and response above is not required and it shall be so noted when submitting the PAR to the sponsor.

14.2.3 Distinct Identity

Each IEEE 802 LMSC standard shall have a distinct identity. Identify standards and standards projects with similar scopes and for each one describe why the proposed project is substantially different.

14.2.4 Technical Feasibility

At a minimum, address the following items to demonstrate technical feasibility:

    a) Demonstrated system feasibility.

    b) Proven similar technology via testing, modeling, simulation, etc.

14.2.5 Economic Feasibility

Demonstrate, as far as can reasonably be estimated, the economic feasibility of the proposed project for its intended applications. Among the areas that may be addressed in the cost for performance analysis are the following:

    a) Balanced costs (infrastructure versus attached stations).

    b) Known cost factors.

    c) Consideration of installation costs.

    d) Other areas, as appropriate.

Gilb asked for feedback on the approach being presented.

Comments on 5C

- CSD approval only at Plenary?
- Grandfather clause (existing projects)
- Protect existing projects and work in progress, i.e. 5C in force when project is approved is the one to which they answer throughout the project?
- Provide template for content
- CSD is filed.
- 5C during balloting? When is it applicable
- Is maintaining "5C" term valuable, hold email straw poll.
- How are comments processed? How is it done in the balloting process WG and sponsor.
- How is the agreement agreed to? "A CSD" or "The CSD"
- PARs are not approved during telecom, should CSD update be allowed during telecom?
- Set of web based tools with formality. Submit through a form. Can we get a NesCom like tool?
- 5C in front matter of WG ballot?
- Table of what needs to be submitted at each step (Chair's guideline)
- Discussion of co-existence – mixed opinions. Opinions in support of both

4.09	MI	Approve OM and WG P&P changes, per ec-13-0008-03	Gilb	10	02:33 PM

Gilb presented the following slides

Changes to OM
January 2013

OM 10.2 and 10.3

- In anticipation of changes to the 5C:
  - change the first occurrence and in the title of the previous 5C to be "IEEE 802 criteria for standards development (CSD) and 5C".
  - At all other occurrences of five criteria, 5C, 5 criteria, etc. change them to be "CSD"
  - Move "10.5 IEEE 802 criteria for standards development (CSD) and 5C" to become Clause 14
  - Fix all cross references to 10.5 to point to Clause 14
  - Move old 10.5.4.1 Coexistence (would be 14.4.1) to become 14.5 Coexistence

OM MIB requirement

- Delete the following from the second paragraph of 10.2
  - "and a work plan for the development of managed object definitions, either as part of the PAR or as a part of an additional PAR"
- Add a new subclause to the current 10.5, titled "Managed objects".
  - Describe the plan for developing a definition of managed objects. The plan shall specify one of the following:
    - The definitions will be part of this project.
    - The definitions will be part of a different project and provide details of that project.
    - The definitions will not be developed and explain why such definitions are not needed.

OM CSD mission statement

- Add the following to the new Clause 14:

The CSD documents an agreement between the WG and the Sponsor that provides a description of the project and the Sponsor's requirements more detailed than required in the PAR. (note, spell out PAR if not already in the acronym.)

WG P&P: Voting rights

- Which duly constituted interims count?
- Change the first paragraph of "7.2.1.Establishment" as shown:
  - one duly constituted <u>recent</u> interim WG or Task Group session may be substituted for one of the two plenary sessions required to establish membership. <u>A recent interim is any of the interims after the first of the four most recent plenaries.</u>
- Add the same sentence to the end of the paragraph in "7.2.2 Retention" and change to "duly constituted <u>recent</u> interim"

Motion #7:	The EC approves the changes described in document ec-13-0016-02, slide 3, IEEE 802 LMSC Working Group Policies and Procedures allowed.
Moved	Gilb
Second	Jeffree
Results	13-0-0
Motion	Passes

Discussion of Motion-

- Clarification regarding the intended plenaries.

| 4.10 | MI* | Approve new Chair's guideline (with editorial changes), document IEEE_802_Chairs_guidelines_v13.pdf. Motion: The EC approves IEEE_802_Chairs_guidelines_v13 as the IEEE 802 LMSC Chair's guidelines with editorial change | Gilb | 0 | 02:43 PM |

Approved with approval of agenda.

| 4.11 | MI | Proposed Changes to OM | Gilb | 30 | 02:43 PM |

Covered during 4.08
Action Item: Gilb to send out an update 30 days prior to July plenary.

Meeting break @ 2:42pm

Meeting re-convened at 2:52pm

Motion #8	Move to amend the agenda to undelete 9.03 and call it Exec Secretary Part 2, 7 minutes
Moved	Rosdahl
Second	D'Ambrosia
Results	13-0-0
Motion	Passes

5.01		IEEE 802.15,			03:23 PM
5.011	ME	IEEE P802.15.4p PAR Title Change to NesCom	Heile	5	03:23 PM

Heile presented the following slides.

802.15.4p Title Change PAR to NesCom

802.15.4p Title Change PAR

One comment received from 802.11:

•*[PAR Item] 8.1 should only include a statement of what is being changed. i.e. 2.1 Change Title to better communicate what features are in the standard .
Or something similar.*

802.15 Response:

•Accepted--we will add to 8.1 the sentence: *Title is being changed to more clearly reflect and communicate the intended use of the standard.*

EC motion for 802.15.4p PAR

802.15 requests EC approval to submit the P802.15.4p Title change PAR to Nescom
WG vote (26, 0, 0)

- – Moved Heile, Seconded Gilb
- – Yes: , No:, Abstain:

Motion #9	802.15 requests EC approval to submit the P802.15.4p Title change PAR to Nescom
Moved	Heile
Second	Gilb
Results	13-0-0
Motion	passes

5.012	ME	IEEE P802.15.4k to RevCom (conditional)	Heile	5	03:28 PM

Heile presented the following slides.

802.15.4k Ballot History

- Sponsor Ballot (P802.15.4k-D03) closed 13 January 2013
- Vote results (pool of 138 voters)
  - 111 responses (80% response ratio)
  - 92 yes, 7 no (92% approval ratio)
  - 11 abstain (10% abstain ratio)
  - Ballot passes
- 260 comments from 9 commenters
  - 123 marked as "Must be Satisfied"

802.15.4k Ballot History

- Sponsor Ballot Recirculation 1 (P802.15.4k-D04) closed 25 February 2013
- Cumulative vote results (pool of 138 voters)
  - 116 responses (84% response ratio)
  - 100 yes, 3 no (97% approval ratio)
  - 13 abstain (11% abstain ratio)
- 39 comments from 7 commenters
  - 4 marked as "Must be Satisfied"

Note: Resulting from comment resolution, two "No" voters have changed their votes to "Yes" leaving only one "No" voter

15.4k Comments supporting no votes

No voter (Gilb, 3 unsatisfied Sponsor Ballot comments part of no vote, 0 unsatisfied Recirc-1 comments part of no vote):

Comment	Proposed Change	Rationale for Reject
The table only discusses the minimum number of PCA allocations, not the number that are actually allocated.	Change "The number of PCA allocations" to be "The minimum number of PCA allocations"	text refers to table 00s
Does this transmission occur always at this exact time or it is allowed to start later?	Change "shall commence phyLECIMDSSSPPDUTxAt" to be "shall commence no earlier than phyLECIMDSSSPPDUTxAt"	this is not an exact time since it is defined in symbols
This seems to be a useless optimization. I don't see that it provides any measurable improvement.	Delete the paragraph "Devices in a DSME-enabled ... the next higher layer."	The optimization is appropriate for large networks as described in slide 13 of 15-12-0141-01,

Documented in comment resolution database worksheet:
https://mentor.ieee.org/802.15/dcn/13/15-13-0032-11-004k-sponsor-ballot-comments.xlsx

Schedule for upcoming recirculation ballot(s) and resolution meeting(s)

Activity	Start	Complete
Recirculation II	2 April 2013	12 April 2013
Comment resolution	13 April 2013	17 April 2013
BRC conference call	17 April	
P802.15.4k-D06 drafting	15 April 2013	19 April 2013
Recirculation III	20 April 2013	30 April 2013
BRC conference call	1 May 2013	
Submit 802.15.4k package to RevCom	2 May 2013	

EC motion for 802.15.4k

802.15 requests conditional approval from the EC to submit the P802.15.4k draft amendment to RevCom.

WG vote (28, 0, 0)

- EC vote
  - Moved Heile, Seconded Gilb
  - Yes: , No:, Abstain:

Motion #10	802.15 requests conditional approval from the EC to submit the P802.15.4k draft amendment to RevCom.
Moved	Heile
Second	Gilb
Results	13-0-0
Motion	passes

Das presented following slides.

21-13-0060-00-0000-EC-Closing_Plenary_Motion.ppt

IEEE 802.21 Motion in March, 2013 Plenary

DCN: 21-13-0060-00-0000

Title: Report and Request for EC Approval

Date Submitted: March 22, 2013

Presented at EC Closing Plenary, March 22, 2013

Authors or Source(s):

Subir Das, Applied Communication Sciences

Abstract: This document contains IEEE P802.21c extension PAR comment summary and motion for EC approval to forward the IEEE P802.21c extension to the IEEE SA NesCom

Subir Das, Chair IEEE 802.21

21-13-0060-00-0000-EC-Closing_Plenary_Motion.ppt

Summary

- Received comments from 802.11 WG
  - Section 2. Change "The draft has now 61% approval." to "The draft is now 61% stable"….if it has not had 75% approval, then you are not able to do a recirculation ballot, but would be still trying to pass a Sponsor Letter Ballot.

- Comment was addressed and updated version is circulated on March 19, 2013
  - http://www.ieee802.org/secmail/msg16004.html

- Also available at:
  - https://mentor.ieee.org/802.21/dcn/13/21-13-0050-01-0000-802-21c-par-extension.pdf

Slide 2   Subir Das, Chair IEEE 802.21

P802.21 WG Motion

Move to authorize the 802.21 WG Chair to make a motion to the IEEE 802 Executive Committee for approval to forward the IEEE P802.21c Extension PAR to the IEEE-SA NeSCom

Move: Lily Chen
Second: Charlie E. Perkins

For: 09
Against: 0
Abstain: 0

Motion Passes

Slide 3 — Subir Das, Chair, IEEE 802.21

EC Motion

EC Approval to forward the IEEE P802.21c extension PAR to the IEEE SA NesCom

Move: Subir Das
Second: Bob Heile

For:
Against:
Abstain:

Motion

Slide 4 — Subir Das, Chair IEEE 802.21

Motion #11	EC Approval to forward the IEEE P802.21c extension PAR to the IEEE SA NesCom.
Moved	Das
Second	Heile
Results	13-0-0
Motion	passes

| 5.06 | ME | IEEE P802.22a MIBs and Managememt Plane Procedures to Sponsor Ballot (conditional) | Mody | 5 | 03:38 PM |

Mody presented following slides.

Motion

Motion for a Conditional Approval to forward the IEEE P802.22a to the Sponsor Ballot

Motion for a Conditional Approval to forward the IEEE P802.22a to the IEEE Sponsor Ballot

Rules

Motions requesting conditional approval to forward when the prior ballot has closed shall be accompanied by:

• Date the ballot closed
• Vote tally including Approve, Disapprove and Abstain votes:
• Comments that support the remaining disapprove votes and Working Group responses.
• Schedule for confirmation ballot and resolution meeting.

Motion for a Conditional Approval to forward the IEEE P802.22a to the IEEE Sponsor Ballot

- Date the last ballot closed: March 18th 2013, WG Re-circulation Ballot #1
- Vote tally including Approve, Disapprove and Abstain votes:
  Ballot Pool = 29, Response = 27 (93%), # of comments = 7
  Number of Approves = 24
  Number of Disapproves = 0
  Number of Abstains = 3
  Approval Ratio = 100%
- Comments that support the remaining disapprove votes and Working Group responses – N/A
- Schedule for confirmation ballot and resolution meeting – We resolved the remaining comments this week and we are planning to launch the WG Re-circ #2 before April 15th 2013.

IEEE P802.22a Draft History and Statistics

IEEE WG Letter Ballot	Launch Date	# of Comments Received	Comment Resolution Status	Response Ratio	Approval Ratio	Draft Status
WG LB #1 (P802.22 Draft v1.0)	April 2012	43 (17 Must be Satisfied)	Comments were addressed and Resolved	85%	80%	P802.22 Draft v2.0 Prepared
WG LB #2 (P802.22 Draft v2.0)	September 2012	19 (11 Must be Satisfied)	Comments were addressed and Resolved	89%	95%	P802.22 Draft v3.0 Prepared
WG Re-circ #1 (P802.22 Draft v3.0)	March 2013	5	Comments were addressed and Resolved	93%	100%	P802.22 Draft v4.0 Prepared

P802.22 is ON TRACK to reach the Sponsor Ballot by December 2010

P802.22a Comment Database – 22-13-0055 Rev0:
https://mentor.ieee.org/802.22/dcn/13/22-13-0055-00-0mib-tga-sb1-comment-database.xls

Motion for a Conditional Approval to forward the IEEE P802.22a Draft Standard to the IEEE SA RevCom

Time-line for the Launch of P802.22a WG Re-circ #2 and Sponsor Ballot #1

- The Sponsor Ballot Pool formation will be started soon.
- April. 15th 2013 - Issue IEEE P802.22a Draft 4.0
- April 30th 2013 – Re-circulation #2 is completed.
- May. 15th 2013 – Address and Resolve Comments if any.
- May 30th 2013 – Launch Sponsor Ballot #1

WG Motion

P802.22a WG Motion 2 – Document –
https://mentor.ieee.org/802.22/dcn/13/22-13-0043-00-0000-march-plenary-working-group-motions.doc

Move to authorize the 802.22 WG Chair to make a motion to the IEEE 802 Executive Committee Meeting for a (conditional) approval to forward the P802.22a Draft Amendment Standard on MIBs and Management Plane Procedures to the Sponsor Ballot and to launch the Sponsor Ballot based on the latest P802.22a Draft that has met all the conditions as stated in the IEEE 802 Operations Manual

Move: Apurva Mody
Second: Jerry Kalke
Discussion: None
For: 10
Against: 0
Abstain: 0
Motion Passes Unanimously

EC Motion for a Conditional Approval to forward the IEEE P802.22a Draft Standard to the Sponsor Ballot

Motion to grant conditional approval as per the IEEE 802 Operations Manual to forward IEEE P802.22a to the Sponsor Ballot.

Move: Apurva N. Mody,

Second: _____

For: _____

Against: _____

Abstain: _____

Motion Passes / Fails

Motion #12	**Motion to grant conditional approval as per the IEEE 802 Operations Manual to forward IEEE P802.22a to the Sponsor Ballot.**
Moved	Mody
Second	Heile
Results	13-0-0
Motion	passes

5.07		IEEE 802.1			03:43 PM
5.071	ME	IEEE 802.1AC Revision PAR to NesCom	Jeffree	4	03:43 PM

Jeffree presented following slides

Motion

- 802.1 requests EC approval to forward the P802.1AC revision PAR to NESCOM
- Proposed: Haddock
- Second: Messenger
- For 32 Against 0 Abstain 0

- EC proposed: Jeffree   Second: Thaler
- For____Against___Abstain____

P802.1AC revision PAR – supporting material

- Revision PAR circulated to the EC Wednesday AM
- No changes to the text of the PAR since then
- PAR located here:

http://www.ieee802.org/1/files/public/docs 2013/new-802-1ac-revision-par-text-0313.pdf

Motion #13	802.1 requests EC approval to forward the P802.1AC revision PAR to NESCOM
Moved	Jeffree
Second	Thaler
Results	13-0-0
Motion	passes

Jeffree presented the following slides.

Motion

- 802.1 requests EC approval to forward the P802.1CB "Seamless failover via frame replication and duplicate frame elimination for scheduled traffic" PAR to NESCOM
- Proposed: Johas Teener
- Second: Garner
- For 21 Against 1 Abstain 8

- EC proposed: Jeffree   Second: Thaler
- For_____Against____Abstain_____

P802.1CB PAR – supporting material

- PAR precirculated to the EC as per P&P
- Comments from 802.11 on PAR/5C addressed and incorporated
- PAR re-cast as a stand-alone standard, not an amendment to Q. Revised text circulated as per P&P
- No changes to the text of the PAR since then
- PAR/5C located here:

http://www.ieee802.org/1/files/public/docs2013/new-p802-1CB-draft-par-0313.pdf

http://www.ieee802.org/1/files/public/docs2013/new-p802-1CB-draft-5c-0313.pdf

Motion #14	802.1 requests EC approval to forward the P802.1CB "Seamless failover via frame replication and duplicate frame elimination for scheduled traffic" PAR to NESCOM
Moved	Jeffree
Second	Thaler
Results	13-0-0
Motion	passes

Jeffree presented the following slides.

MOTION

- 802.1 requests EC conditional approval for forwarding P802.1AB-Cor1 to RevCom.
- Proposed: Parsons
- Second: Gray
- For: 29   Against: 0   Abstain: 1

- EC proposed: Jeffree   Second: Thaler
- For_____Against___Abstain_____

P802.1AB Cor-1 supporting material

- BALLOT OPEN DATE: 17-Jan-2013 BALLOT CLOSE DATE: 16-Feb-2013
- TYPE: New DRAFT #: D2.0 COMMENTS: 6
- RESPONSE RATE
- This ballot has met the 75% returned ballot requirement.
- 70 eligible people in this ballot group.
- 59   affirmative votes
- 0   negative votes with comments
- 0   negative votes without comments
- 1   abstention votes: (Lack of time: 1)
- 60   votes received = 85% returned
-                 1% abstention
- APPROVAL RATE
- The 75% affirmation requirement is being met.
- 59   affirmative votes
- 0   negative votes with comments
- 59   votes = 100% affirmative

- No outstanding disapproves/comments
- One recirc needed to clear a small number of editorials; this will be started by the end of March.

Motion #15	802.1 requests EC conditional approval for forwarding P802.1AB-Cor1 to RevCom
Moved	Jeffree
Second	Thaler
Results	13-0-0
Motion	passes

5.08		IEEE 802.3			03:55 PM
5.081	ME	IEEE P802.3bm 40 Gb/s and 100 Gb/s Operation Over Fiber Optic Cables PAR modification to NesCom	Law	4	03:55 PM

Law presented the following slides.

ME: PAR modification request : IEEE P802.3bm 40 Gb/s and 100 Gb/s Operation Over Fiber Optic Cables

IEEE P802.3bm PAR and Five Criteria

Title

Standard for Ethernet Amendment: Physical Layer Specifications and Management Parameters for 40 Gb/s and 100 Gb/s Operation Over Fiber Optic Cables

Summary of modification request

This PAR modification adds Energy-efficient Ethernet support for both 40 Gb/s and 100 Gb/s operation over fiber optic cables to the scope of this project.

Draft PAR modification request

http://www.ieee802.org/3/bm/P802_3bm_PAR_0313.pdf

Draft modified 5C

http://www.ieee802.org/3/bm/P8023bm_5Criteria_1112.pdf

IEEE P802.3bm PAR and Five Criteria

Motion

The IEEE 802 Executive Committee approves the modified IEEE P802.3bm Five Criteria and forwards the IEEE P802.3bm PAR modification to NesCom

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

Working Group vote:
Y: 103, N: 0, A: 1

Motion #16	The IEEE 802 Executive Committee approves the modified IEEE P802.3bm Five Criteria and forwards the IEEE P802.3bm PAR modification to NesCom
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	passes

Law presented the following slides.

ME: New PAR: IEEE P802.3bq 40GBASE-T

IEEE P802.3bq PAR and Five Criteria

Title

Standard for Ethernet Amendment: Physical Layer and Management Parameters for 40 Gb/s Operation, Type 40GBASE-T

Scope of the project

Specify a Physical Layer (PHY) for operation at 40 Gb/s on balanced twisted-pair copper cabling, using existing Media Access Control, and with extensions to the appropriate physical layer management parameters.

IEEE P802.3bq PAR and Five Criteria

Need

With continued growth of server capabilities, network and Internet traffic, datacenters continue to require higher data rates for equipment interconnections. The IEEE 802.3 BASE-T family of technologies allows for seamless upgrade between older rates and newer rates. Currently, IEEE Std 802.3 does not support 40 Gb/s BASE-T operation. There is a market need for a low cost 40 Gb/s BASE-T solution with auto-negotiation capability for datacenter applications.

Draft PAR

http://www.ieee802.org/3/NGBASET/P802_3bq_PAR_Detail_20_03_2013.pdf

Draft 5C

http://www.ieee802.org/3/NGBASET/5C_020813_NGBT.pdf

IEEE P802.3bq PAR and Five Criteria

Motion

The IEEE 802 Executive Committee approves the IEEE P802.3bq Five Criteria and forwards the IEEE P802.3bq PAR to NesCom

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

Working Group votes on approval of individual items:

Project Authorization Request:	Y: 93,	N: 0,	A: 1
Broad Market Potential criterion:	Y: 92,	N: 0,	A: 1
Compatibility criterion:	Y: 94,	N: 0,	A: 0
Distinct Identity criterion:	Y: 90,	N: 1,	A: 0
Technical Feasibility criterion:	Y: 91,	N: 1,	A: 1
Economic Feasibility criterion:	Y: 92,	N: 1,	A: 1

Motion #17	The IEEE 802 Executive Committee approves the IEEE P802.3bq Five Criteria and forwards the IEEE P802.3bq PAR to NesCom
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	passes

Law to send a corrected file with project names on Slides / URLs corrected (to be used in minutes).

Law presented the following slides.

ME: IEEE P802.3bk Extended Ethernet Passive Optical Networks (EPON) forward to Sponsor ballot

IEEE P802.3bk Extended Ethernet Passive Optical Networks (EPON) Working Group ballot results

- 1st Working Group recirculation ballot – draft D2.1
  - Ballot opened 11th February, closed 25th February 2013
  - 100% approval, 22 comments received

Comments received: 22*	Initial Draft D2.0			1st Recirculation Draft D2.1			Req %
	#	%	Status	#	%	Status	
Abstain	29	23	PASS	29	23	PASS	< 30
Disapprove with comment	8	-	-	0	-	-	-
Disapprove without comment	0	-	-	0	-	-	-
Approve	88	91	PASS	99	100	PASS	≥ 75
Ballots returned	125	53	PASS	128	55	PASS	≥ 50
Voters	232	-	-	232	-	-	-

* 3 comments were withdrawn

IEEE P802.3bk Extended Ethernet Passive Optical Networks (EPON) forward to Sponsor ballot

Motion

The IEEE 802 Executive Committee grants approval to submit IEEE P802.3bk Extended Ethernet Passive Optical Networks (EPON) to Sponsor ballot

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

Working Group vote:
Y: 88, N: 0, A: 0

Motion #18	The IEEE 802 Executive Committee grants approval to submit IEEE P802.3bk Extended Ethernet Passive Optical Networks (EPON) to Sponsor ballot
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	passes

Law presented the following slides. 11-14

ME: IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision) forward to RevCom (conditional)

IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision) conditional to RevCom

- Item 1 - Date the ballot closed:
  - The 1st Sponsor recirculation ballot on IEEE P802.3.1 draft D2.1 closed on March 7th at 11:59 PM ET 2013
- Item 2 - Vote tally:

Comments received: 3	Initial Draft D2.0			1st Recirculation Draft D2.1			Req %
	#	%	Status	#	%	Status	
Abstain	5	6	PASS	4	5	PASS	< 30
Disapprove with comment	1	-	-	0	-	-	-
Disapprove without comment	0	-	-	0	-	-	-
Approve	69	98	PASS	74	100	PASS	≥ 75
Ballots returned	75	78	PASS	78	81	PASS	≥ 75
Voters	96	-	-	96	-	-	-

IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision) conditional to RevCom

- Item 3 - Comments that support the remaining disapprove votes and WG responses
  - No unresolved negative comments

- Item 4 - Schedule for recirculation ballot and resolution meeting
  - Recirculation ballot open date April 8th 2013
  - Recirculation ballot close date April 22nd 2013
  - Interim meeting date (if required) week of May 13th 2013

IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision) conditional to RevCom

The IEEE 802 Executive Committee grants conditional approval for RevCom submittal of IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision)

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

Working Group vote:
Y: 63, N: 0, A: 1

Motion #19	The IEEE 802 Executive Committee grants conditional approval for RevCom submittal of IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision)
Moved	Law
Second	D'Ambrosia
Results	13-0-0
Motion	passes

| 5.09 | ME | IEEE 802.11ac, Very High Throughput <6Ghz, to Sponsor Ballot (conditional) | Kraemer | 5 | 04:11 PM |

Kraemer presented the following slides from:

https://mentor.ieee.org/802.11/dcn/13/11-13-0216-01-0000-march-2013-ec-motions-from-802-11.pptx

Friday EC Agenda Item 5.09

Motion – P802.11ac to sponsor ballot

- **Grant conditional approval to forward P802.11ac to sponsor ballot.**
- **Moved: Bruce Kraemer**
- **Seconded: Jon Rosdahl**

- **In the WG: Result: 149,0,1 - passes**

Report in support of this request is:
https://mentor.ieee.org/802.11/dcn/13/11-13-0320-02-00ac-p802-11ac-report-to-ec-on-conditional-approval-to-go-to-sponsor-ballot.pptx

Submission   Slide 12   Osama Aboul-Magd (Huawei Technologies)

Description of 802.11ac
Conditional Sponsor Ballot Request

- **From our voter pool of 300 we currently have 96% approval.**
- **Of the 2888 comments received during WG balloting 15 remain unsatisfied.**
- **A final WG letter ballot with an unchanged draft is underway.**

- **The sponsor ballot pool formation closed March 15 with 211 members.**

Submission   Slide 13   Bruce Kraemer, Marvell

Kraemer also presented slides from :
https://mentor.ieee.org/802.11/dcn/13/11-13-0320-02-00ac-p802-11ac-report-to-ec-on-conditional-approval-to-go-to-sponsor-ballot.pptx

802.11 WG Letter Ballot Results – P802.11ac

Ballot ID	Ballot Close Date	Title	Ballot Type	Pool	Return	%Return	Abstain	%Abstain	Approve	Disapprove	%Approve
187	18 Feb 2012	Technical Letter Ballot for TGac Draft 2.0	Technical	300	271	90	19	7	223	28	89
188	25 June 2012	First Recirculation Ballot for TGac draft 3.0	Recirculation	300	273	91	14	5	233	24	91
190	01 Nov 2012	Second Recirculation Ballot for TGac draft 4.0	Recirculation	300	273	91	14	5	242	15	94
191	01 Feb 2013	Third Recirculation Ballot for TGac draft 5.0	Recirculation	300	273	91	10	4	249	12	95
191.1		LB 191 Post-Ballot vote change		300	273	91	10	4	251	10	96

802.11 WG Letter Ballot Comments – P802.11ac

Ballot ID	Ballot Close Date	Title	Total Number of Comments received (Yes and No votes)
187	18 Feb 2012	Technical Letter Ballot for TGac draft 2.0	1492 (837 T, 655 E)
188	25 June 2012	First Recirculation Ballot for TGac draft 3.0	855 (594 T, 261 E)
190	01 Nov 2012	Second Recirculation Ballot for TGac draft 4.0	400 (250 T, 150 E)
191	01 Feb 2013	Third Recirculation Ballot for TGac draft 5.0	141 (85 T, 56 E)

Unsatisfied Technical comments by commenter

Voter	LB187	LB188	LB190	LB191	Total
CHAMBELIN, Philipe (Deceased)	1	0	0	0	1
Fischer, Matthew (Broadcom)	0	0	0	0	0
Lei, Zhongding (I2R)	1	0	0	0	1
Liu, Siyang	1	0	0	0	1
Masour, Avi (Lantiq)	1	0	0	0	1
Rison, Mark (Samsung)	2	2	4	0	8
Shi, Wei (samsung)	0	0	0	0	0
Wang, Haiguang (I2R)	1	0	0	0	1
Wu, Zhanji (BUPT)	1	0	0	0	1
Zhao, Qiang (China TTL)	1	0	0	0	1
Total	9	2	4	0	15

Unsatisfied Technical Comments – Topics

Topic	PHY	MAC (frame formats)	MAC (Others)	Total
CHAMBELIN, Philipe (Deceased)	1			1
Fischer, Matthew (Broadcom)				
Lei, Zhongding (I2R)			1	1
Liu, Siyang	1			1
Masour, Avi (Lantiq)	1			1
Rison, Mark (Samsung)	3	5		8
Shi, Wei (samsung)				
Wang, Haiguang (I2R)			1	1
Wu, Zhanji (BUPT)	1			1
Zhao, Qiang (China TTL)	1			1
Total	8	5	2	15

Unsatisfied comments

- **The composite of all unsatisfied comments and the resolutions approved by the comment resolution committee received during working group ballot may be found in the embedded document on the right:**
  - Double click on the icon to the right to open this.

Microsoft Office
Excel Worksheet
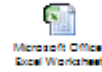
- **A copy of this same data presented using MyBallot access database report format is attached.**
  - Double click on the icon to the right to open this.

Adobe Acrobat
Document

Motion #20	Grant conditional approval to forward P802.11ac to sponsor ballot.
Moved	Kraemer
Second	Rosdahl
Results	13-0-0
Motion	passes

6.00		**Executive Committee Study Groups, Working Groups, TAGs**			04:16 PM
6.07	ME	**IEEE 802.24, Endorse 24-12-0033-03 as 802 Package of Smart Grid Standards**	Gilb	10	04:16 PM

Gilb presented the following slides from https://mentor.ieee.org/802.24/dcn/13/24-13-0017-01-0000-closing-plenary-motions.pdf

802.24 motions for closing plenary

P&P rules, public communication

- 9.3 Public statements for standards
    - All Sponsor public communications shall comply with the policies of the IEEE-SA Standards Board Operations Manual.
    - Sponsor public statements shall not be released without prior approval of the Sponsor. Sponsor public statements shall be identified in the first paragraph of the public statement as being specifically the position of the Sponsor. These statements shall be issued by the Sponsor Chair. Such statements shall not bear the IEEE, or the IEEE-SA logos.

SA OM

- In the SA OM, we have the following requirements:
  - Each statement shall clearly identify the group creating this statement in its opening paragraph, and shall include in that paragraph, or a footnote thereto, the exact sentence that "this document solely represents the views of name of group and does not necessarily represent a position of either the IEEE or the IEEE Standards Association." If the public statement addresses safety, that statement shall be reviewed and approved in writing by IEEE legal counsel prior to issuance.
  - Upon issuance of all such public statements, electronic copies shall be sent to the Secretary of the IEEE-SA Standards Board and to the Secretary of the IEEE-SA BOG.

Smart Grid package of standards

- This motion is being proposed using the process for public statements for standards in the IEEE 802 Policies & Procedures (subclause 9.3)
- Moved: The IEEE 802 EC endorses document 24-12-0033-03 adding the title and scope of IEEE Std 802.22.2-2012 as a group of standards for Smart Grid network applications to be forwarded to IEEE-SA for posting on the appropriate IEEE Smart Grid web site, with editorial corrections as necessary.
- TAG Vote 9/0/0 (Y/N/A)
- Moved by James Gilb
- Second by John D'Ambrosia
- Vote is / /

Motion #21	The IEEE 802 EC endorses document 24-12-0033-03 adding the title and scope of IEEE Std 802.22.2-2012 as a group of standards for Smart Grid network applications to be forwarded to IEEE-SA for posting on the appropriate IEEE Smart Grid web site, with editorial corrections as necessary.
Moved	Gilb
Second	D'Ambrosia
Results	13/0/0
Motion	Passes

Riegel presented the following slides from https://mentor.ieee.org/omniran/dcn/13/omniran-13-0026-00-ecsg-ec-closing-report.pptx

omniran-13-0026-00-ecsg

OmniRAN EC SG
March 2013 Closing Report

Chair:
Max Riegel, NSN

1

omniran-13-0026-00-ecsg

OmniRAN ECSG Status

- OmniRAN:
  'Open mobile network interface for omni Range Area Networks'
  – It's about end-station attachment control
- Officers:
  – Chair: Max Riegel, NSN
  – Vice chair: Juan Carlos Zuniga, Interdigital
- Activities during the week
  – 4 meetings:
    • Tue, AM2, PM1; Wed, PM1; Thur, PM1
  – Presentation to IEEE 802.1 on Monday
    • Alignment discussion w/IEEE 802.21 took place in Wed PM1 meeting
- Participation:
  – About 45 people signed in (20 – 35 per meeting slot)
  – Biggest group from 802.11
    • considerable participation from 802.16 and 802.21

2

Motion #22	Request EC to extend OmniRAN EC Study Group until July 19th, 2013 (end of next plenary session).
Moved	Kraemer
Second	Rosdahl
Results	5 / 4 / 5 (Note – Chair voted "yes")
Motion	Passes

<u>Discussion</u>

802.1 considers OmniRAN EC Study Group to be outside the scope of 802. 802.1 Chair was given a directed motion to vote against the extension of the OmniRAN EC Study Group. The vote in the 802.1WG was (y/n/a) 23-1-3. Others expressed concerns as well. Some were voting in favor, but issues need to be addressed by the other WGs before they would vote in favor of a July extension or PAR.

Other concerned expressed over what is being done in other groups and what should 802 be doing.

Considerable discussion regarding the effort and the proposed plan to have a PAR by the July Plenary.

Jeffree was given a brief amount of time to work on a motion that would provide clearer direction of scope to the OmniRAN ECSG.

6.10		IEEE 802.3			04:46 PM
6.101	MI	IEEE 802.3 Next Generation BASE-T Study Group (2nd extension)	Law	3	05:01 PM

Law presented the following slides.

MI: IEEE 802.3 Next Generation
BASE-T Study Group
(2nd extension)

IEEE 802.3 IEEE 802.3 Next Generation BASE-T Study Group (2nd extension)

Motion:

The IEEE 802 Executive Committee grants an extension to the IEEE 802.3 Next Generation BASE-T Study Group

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

Working Group vote:
Y: 93, N: 0, A: 0

Motion #23	The IEEE 802 Executive Committee grants an extension to the IEEE 802.3 Next Generation BASE-T Study Group
Moved	Law
Second	D'Ambrosia
Results	12/0/0
Motion	Passes

6.102	MI*	IEEE 802.3 IEEE 802.3 Distinguished Minimum Latency Traffic Study Group (1st extension)	Law	0	05:04 PM

Approved with approval of agenda.

Law presented the following slides.

MI: IEEE 802.3 400Gb/s Ethernet Study Group formation

IEEE 802.3 400Gb/s Ethernet Study Group formation

Motion

The IEEE 802 Executive Committee grants approval for the formation of the IEEE 802.3 400Gb/s Ethernet Study Group within IEEE 802.3

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

132 CFI attendees, 94 interested in participating

Working Group vote:
Y: 87 N: 0 A: 4

Motion #24	The IEEE 802 Executive Committee grants approval for the formation of the IEEE 802.3 400 Gb/s Ethernet Study Group within IEEE 802.3
Moved	Law
Second	D'Ambrosia
Results	12/0/0
Motion	Passes

6.104	ME	IEEE 802.3, Higher Speed Ethernet Consensus Industry Connections Activity, Motion to Disband	Law / D'Ambrosia	5	04:51 PM

Law presented the following slides. D'Ambrosia, who chaired 2 industry connections efforts related to the formation of the IEEE 802.3 400 Gb/s Study Group, commented positively on the use of Industry Connections for this effort.

ME: IEEE 802.3 Higher Speed Ethernet consensus industry connection activity

IEEE 802.3 Higher Speed Ethernet consensus industry connection activity

Motion:

The IEEE 802 Executive Committee authorizes the IEEE 802.3 Chair to request the IEEE-SA Standards Board terminate the IEEE 802.3 Higher Speed Ethernet consensus industry connection activity

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

Working Group vote:
Y: 91 N: 0 A: 0

Motion #25	The IEEE 802 Executive Committee authorizes the IEEE 802.3 Chair to request the IEEE-SA Standards Board terminate the IEEE 802.3 Higher Speed Ethernet consensus industry connection activity
Moved	Law
Second	D'Ambrosia
Results	13/0/0
Motion	Passes

Law presented the following slides.

MI: IEEE 802.3 4-Pair Power over Ethernet Study Group formation

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IEEE 802.3 4-Pair Power over Ethernet Study Group formation

Motion

The IEEE 802 Executive Committee grants approval for the formation of the IEEE 802.3 4-Pair Power over Ethernet Study Group within IEEE 802.3

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

57 CFI attendees, 42 interested in participating

Working Group vote:
Y: 85 N: 0 A: 1

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Motion #26	The IEEE 802 Executive Committee grants approval for the formation of the IEEE 802.3 4-Pair Power over Ethernet Study Group within IEEE 802.3
Moved	Law
Second	D'Ambrosia
Results	13/0/0
Motion	Passes

Kraemer presented slides 13 – 14 - 15

https://mentor.ieee.org/802.11/dcn/13/11-13-0216-01-0000-march-2013-ec-motions-from-802-11.pptx

March 2013   doc.: IEEE 802.11-13/0216r1

Friday EC Agenda Item 6.11

802.11 High Efficiency WLAN (HEW) Study Group - Rationale

- The study group will focus on:
  - Improving spectrum efficiency and area throughput
  - Improving real world performance in indoor and outdoor deployments
    - in the presence of interfering sources, dense heterogeneous networks
    - in moderate to heavy user loaded APs

Chair-pro tem: Laurent Cariou, Orange

Submission   Slide 14   Laurent Cariou, Orange

March 2013   doc.: IEEE 802.11-13/0216r1

Motion – 802.11 Study Group

- **Approve the formation of an 802.11 Study Group to consider High-efficiency WLAN with the intent of creating a PAR and five criteria.**
- **Moved: Bruce Kraemer**
- **Seconded:**

- In the WG: Result: 130,0,15 – passes

References:

https://mentor.ieee.org/802.11/dcn/13/11-13-0331-05-0wng-high-efficiency-wifi.ppt

https://mentor.ieee.org/802.11/dcn/13/11-13-0339-10-0wng-high-efficiency-wlan-straw-poll.ppt

Submission   Slide 15   Bruce Kraemer, Marvell

Kraemer showed slides from https://mentor.ieee.org/802.11/dcn/13/11-13-0331-05-0wng-high-efficiency-wlan.ppt.

Summary

- **"High-efficiency WLAN" aims to achieve a very substantial increase in the real-world throughput achieved by each user in such scenarios**
  - Creating an instantly recognizable improvement in Quality of Experience of the major use cases
  - Generating spatial capacity increase (area throughput)

- **PHY-MAC enhancements for carrier-oriented Wi-Fi are also applicable to broad market segments (residential, enterprise, retail, …)**
  - We propose a single SG to integrate these requirements in the overall evolution of 802.11
    - avoid interdependencies between SGs; timelines may not be much different in practice

- **We believe such evolution will create a broad market appeal for multiple market segments and ecosystem players**
  - Consumers, enterprise, operators, Wi-Fi Direct service providers, device vendors, TV/video, medical, …

Proposal and timeline

- We propose to start a new study group to add new PHY and MAC enhancements focused on "High-efficiency WLAN"
  - The scope and duration should be kept focused
  - Focus on the primary spectrum of 802.11 in 2.4 and 5GHz, preserving backward compatibility

- Main objectives of the study group will be:
  - Prepare use case documents, detail the list of problems and requirements
  - Develop performance metrics to address use cases and quantify objectives
  - Prepare PAR & 5C documents

Motion to create a Study Group

- Request approval by IEEE 802 LMSC to form an 802.11 Study Group to consider High-efficiency WLAN [as described in doc 11-13-xxxx] with the intent of creating a PAR and five criteria.

- Moved: <name>, Seconded: <name>, Result: y-n-a

Motion #27	Approve the formation of an 802.11 Study Group to consider High-efficiency WLAN with the intent of creating a PAR and five criteria.
Moved	Kraemer
Second	Rosdahl
Results	13 / 0 / 0
Motion	Passes

Chair invited Mr. Jeffree back to show suggested text regarding OmniRAN ECSG. (See Item 6.08)

Motion #28	The EC considers that the primary tasks of the OmniRAN ECSG, to be completed by the close of the July Plenary, are: - To perform a gap analysis that shows what pieces of work that are relevant to 802 (standards and standards under development) are not covered by existing external SDOs (IETF, 3GPP,...) and internal, and socialize that analysis with those SDOs; - Having performed that gap analysis, define a crisp scope of the ECSG (target 15 words or less); - Define what piece(s) of work within that scope (a) fall legitimately within 802's remit and (b) are achievable within an 802 activity.
Moved	Jeffree
Second	Thaler
Results	8 / 2 / 3
Motion	Passes

7.00		LMSC Liaisons and External Interface			05:09 PM
7.03		**IEEE 802.18**			05:09 PM
7.031	**ME***	**IEEE 802.18, Proposed LS to ITU-R WP 5D: Update toward Rec. ITU-R M.1457-12 (Meeting X Notification) (18-13/034r1) per OM 8.2.2**	**Lynch**	**0**	**05:09 PM**
7.032	**ME***	**IEEE P802.18, Proposed Cont. to ITU-R WP 5D- Update of WirelessMAN-Advanced RIT of Rec. ITU-R M.2012 (Meeting Y+2) (18-13/035r2) per OM 8.2.2**	**Lynch**	**0**	**05:09 PM**
7.033	**ME***	**IEEE P802.18, Proposed Statement to IETF LMAP on IEEE P802.16.3 Activity (18-13/036r0) per OM 8.2.2**	**Lynch**	**0**	**05:09 PM**
7.034	**ME***	**IEEE P802.18, Proposed statement to BBF: Response to liaison of 8 March on Performance Measurements Architecture (18-13/037r1) per OM 8.2.2**	**Lynch**	**0**	**05:09 PM**
7.035	**ME***	**IEEE P802.18, - IEEE 802 Input to WP5A on 5 GHz (18-13/038r3) per OM 8.2.2**	**Lynch**	**0**	**05:09 PM**

Approved with approval of agenda.

7.08		**IEEE 802.1**			05:09 PM
7.081	**ME**	**IEEE 802.1, IEEE 802.1AS, 802.1AB, 802.1AR to ISO/IEC JTC1 SC6 under the PSDO agreement**	**Jeffree**	**5**	**05:09 PM**

Jeffree showed the following slide.

MOTION

- Authorize the chair to progress with the submission to ISO/IEC JTC1 SC6, through the PSDO process, the following IEEE Standards so that they can become ISO/IEC/IEEE Standards:
  - 802.1AS (Time synch)
  - 802.1AB (LLDP)
  - 802.1AR (Secure device ID)

- Proposed: Parsons
- Second: Gray
- For: 27 Against: 0 Abstain: 0

- EC proposed: Jeffree   Second: Thaler
- For____Against___Abstain__

Motion #29	Authorize the chair to progress with the submission to ISO/IEC JTC1 SC6, through the PSDO process, the following IEEE Standards so that they can become ISO/IEC/IEEE Standards: - 802.1AS (Time synch) - 802.1AB (LLDP) - 802.1AR (Secure device ID)
Moved	Jeffree
Second	Thaler
Results	12 / 0 / 0
Motion	Passes

7.082	II*	IEEE 802.1 802.1 liaison response to MEF on CFM vendor specific PDUs	Jeffree	0	05:14 PM

Approved with approval of agenda.

7.09		IEEE 802.3			05:14 PM
7.091	II*	IEEE 802.3, Liaison letter to ITU-T SG5: Ethernet port isolation	Law	0	05:14 PM
7.092	II*	IEEE 802.3, Liaison letter to ITU-T SG9: High performance network over coax	Law	0	05:14 PM
7.093	II*	IEEE 802.3, *: Liaison letter to ITU-T SG15: Access Network Technologies (ANT) Standardization Work Plan	Law	0	05:14 PM
7.094	II*	IEEE 802.3, Liaison letter to ITU-T SG15: Optical Transport Network Technologies (OTNT) Standardization Work Plan	Law	0	05:14 PM

Approved with approval of agenda.

7.095	ME	Submission of IEEE Std 802.3-2012 for adoption by ISO/IEC JTC1 SC6	Law	4	05:14 PM

Law presented the following slides.

ME: Submission of
IEEE Std 802.3-2012 for
adoption by ISO/IEC JTC1 SC6

Submission of IEEE Std 802.3-2012 for adoption by ISO/IEC JTC1 SC6

The IEEE 802 Executive Committee approves the submission of IEEE Std 802.3-2012 for adoption by ISO/IEC JTC1 SC6 under the PSDO agreement

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

Working Group vote:
Y: 97, N: 0, A: 0

Motion #30	The IEEE 802 Executive Committee approves the submission of IEEE Std 802.3-2012 for adoption by ISO/IEC JTC1 SC6 under the PSDO agreement
Moved	Law
Second	D'Ambrosia
Results	13 / 0 / 0
Motion	Passes

Law presented the following slides.

ME: IEEE 802.3 400Gb/s Study Group formation press release

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IEEE 802.3 400Gb/s Study Group formation press release

The IEEE 802 Executive Committee supports the IEEE 802.3 400Gb/s Study Group formation press release IEEE-SA_400GbE_SG_press-release_D9.pdf, with editorial license granted to the Chair (or his appointed agent).

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

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Motion #31	The IEEE 802 Executive Committee supports the IEEE 802.3 400Gb/s Study Group formation press release IEEE-SA_400GbE_SG_press-release_D9.pdf, with editorial license granted to the Chair (or his appointed agent).
Moved	Law
Second	D'Ambrosia
Results	13/0/0
Motion	Passes

Law presented the following slides. Slides 35 & 36

ME: Ethernet Technology Summit award to IEEE 802.3 Working Group press release

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Ethernet Technology award to IEEE 802.3 Working Group press release

The IEEE 802 Executive Committee supports the Ethernet Technology Summit award to IEEE 802.3 Working Group press release IEEE-SA_ETSaward_release_v7.pdf, with editorial license granted to the Chair (or his appointed agent).

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

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Motion #32	The IEEE 802 Executive Committee supports the Ethernet Technology Summit award to IEEE 802.3 Working Group press release IEEE-SA_ETSaward_release_v7.pdf, with editorial license granted to the Chair (or his appointed agent).
Moved	Law
Second	D'Ambrosia
Results	13 / 0 / 0
Motion	Passes

Law presented slides.

ME: IEEE 802.3 4-pair Power Over Ethernet Study Group formation press release

IEEE 802.3 4-pair Power Over Ethernet Study Group formation press release

The IEEE 802 Executive Committee supports the IEEE 802.3 4-pair Power Over Ethernet Study Group formation press release IEEE_Press_Release_Formation_8023_PoE_4PAIR_D4.pdf, with editorial license granted to the Chair (or his appointed agent).

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

Chair stepped out and turned meeting over to Thaler

Law showed the press release.

NOT FOR IMMEDIATE RELEASE
Draft 4, 21 March 2013

Contact: Shuang Yu, Senior Manager, Solutions Marketing
+1 732-981-3424, shuang.yu@ieee.org

IEEE FORMS 4-PAIR POWER OVER ETHERNET (PoE) STUDY GROUP

New group to explore benefits of more efficient, higher-power PoE solution for networked devices

PISCATAWAY, N.J., USA, <mark>XX Month</mark> 2013 – IEEE, the world's largest professional organization advancing technology for humanity, today announced formation of a new study group to consider initiating a formal project to standardize 4-pair Power over Ethernet (PoE). The IEEE 802.3™ 4-pair Power Over Ethernet Study Group will consider a 4-pair solution's capability to enhance energy efficiency and provide greater than 25.5 Watts of power in improving PoE. POE has become the preferred method to power networked devices, such as IP phones, access points and other network devices.

"The formation of this study group will allow collaboration on a proposal for the development of a 4-pair PoE standard, which would allow support of new PoE applications in the areas of IPTV, industrial Ethernet and more," said David Law, chair of the IEEE 802.3 Ethernet Working Group and distinguished engineer with HP Networking. "A 4-pair approach would result in increased efficiency, since the use of additional pairs results in lower channel resistance."

Individuals interested in the future of PoE standards are invited to contribute to the IEEE 802.3 4-pair Power Over Ethernet Study Group, which is scheduled to meet during the IEEE 802.3 Interim meeting, 14-17 May 2013 in Victoria, British Columbia, Canada.

"PoE has become the dominant powering method in many Ethernet based products (Access Points and IP phones for example), demonstrating that customers will migrate towards convenience," said Chad Jones, manager of hardware engineering with Cisco and chair of the IEEE 802.3 4-pair PoE Study Group. "Enabling applications beyond 25.5 Watts will extend this convenience to other products. An additional benefit is the reduction of power lost in the delivery

channel by at least half. This benefit can be extended to existing powered products by moving from a 2-pair powering system to a new 4-pair powering system."

"A 4-pair PoE standard would result in increased power and increased efficiency for Power over Ethernet applications," Wael William Diab, vice-chair of the IEEE 802.3 Ethernet Working Group and Senior Technical Director, Broadcom. "The group's main purpose is to continue the success of the PoE family of standards, which started with IEEE P802.3af™ DTE Power via MDI Task Force and the IEEE P802.3at™ DTE Power Enhancements Task Force. Both resulting standards are part of the Ethernet family of interfaces and are part of the recent revision of IEEE Std 802.3™-2012 'Standard for Ethernet.'"

Ethernet is celebrating its 40th anniversary this year. Deployment of technology defined by the IEEE 802.3 standard is already globally pervasive, driven by the ever-growing needs of local area, access and metropolitan area networks around the world. Beyond traditional networks, new application areas such as networking for industrial, automotive and other industries are looking to expand their reliance on Ethernet in their networks. To better address the needs of all of these areas, the IEEE 802.3 Ethernet standard is constantly evolving and expanding. The success of the standard-from its inception through today-has been its open and transparent development process, which is an example of the "OpenStand" principles (http://open-stand.org). These principles encapsulate a modern paradigm for global, open standards that can be extended broadly to other technology spaces.

For more information on the IEEE 802.3 4-pair PoE Study Group, please visit http://www.ieee802.org/3/4PPOE.

For more information about the IEEE 802.3 Ethernet Working Group, please visit http://www.ieee802.org/3/index.html.

To learn more about IEEE-SA, visit us on Facebook at http://www.facebook.com/ieeesa, follow us on Twitter at http://www.twitter.com/ieeesa, connect with us on LinkedIn at http://www.linkedin.com/groups?gid=1791118 or on the Standards Insight Blog at http://www.standardsinsight.com.

About the IEEE Standards Association
The IEEE Standards Association, a globally recognized standards-setting body within IEEE, develops consensus standards through an open process that engages industry and brings together a broad stakeholder community. IEEE standards set specifications and best practices based on current scientific and technological knowledge. The IEEE-SA has a portfolio of over 900 active standards and more than 500 standards under development. For more information visit http://standards.ieee.org/.

About IEEE
IEEE, a large, global technical professional organization, is dedicated to advancing technology for the benefit of humanity. Through its highly cited publications, conferences, technology standards, and professional and educational activities, IEEE is the trusted voice on a wide variety of areas ranging from aerospace systems, computers and telecommunications to biomedical engineering, electric power and consumer electronics. Learn more at http://www.ieee.org.

Supporting Quotes

Martin McNarney, Associate Product Line Director, Physical Layer Products, Broadcom: "As higher-power applications become more common and draw attention to the need for energy efficient technologies, the approval for this study group's review of 4-pair Power over Ethernet (PoE) technology is timely. The outcomes of the study group will complement the rich and diverse IEEE 802.3 PoE interfaces in order to address next-generation PoE system requirements."

Francois Crepin, President, International and Strategic Accounts, Akros Silicon: "The increasing demand for higher-power PoE connections will benefit greatly from standardization. The 4-pair PoE, through improved energy efficiency, will enable a broad range of new connected applications such as thin clients, industrial Ethernet, IPTV, building management and lighting control systems, nurse call systems, IP cameras and point-of-sale terminals."

David Tremblay, System Architect, Hewlett-Packard: "The proven success of the IEEE 802.3af and IEEE 802.3at standards has set the stage for a new 4-pair PoE study group. With an increase in higher-power applications along with green and energy efficiency growing in today's Ethernet market, a standard 4-pair PoE alternative is imperative for next-generation PoE systems."

#

Motion #33	The IEEE 802 Executive Committee supports the IEEE 802.3 4-pair Power Over Ethernet Study Group formation press release IEEE_Press_Release_Formation_8023_PoE_4PAIR_D4.pdf, with editorial license granted to the Chair (or his appointed agent).
Moved	Law
Second	D'Ambrosia
Results	11 / 0 / 2
Motion	Passes

Thaler turned chair back to Nikolich

8.00		**IEEE SA items**			05:32 PM
8.01	DT	**IoT-SA Call for Submissions**	**Kraemer**	5	05:32 PM

Kraemer presented following slides.

IoT Committee has been moved under TAG. Heile, Kraemer, Diab volunteered to be providers of information.

8.02	DT	Consideration of formation of an 802 "ITU Collaboration" Subcommittee	Nikolich	5	05:37 PM

Nikolich gave verbal update.

802 SC6 subcommittee interfacing with SC6. Discussion whether something like this would be appropriate with ITU. Mixed opinions.

A new committee was formed this year to focus on coordination with Global SDO's. Initiating a strategy from IEEE-SA level.

Action Item - Nikolich, Marks, Parsons to work together to propose something for later consideration. Draft recommendation due by June Teleconference.

8.03	DT	ITU Workshop Status / Global Activities Update	Haasz	5	05:42 PM

Haasz gave verbal update

Proposed format for workshop – request for comments by next Friday.

Timing synchronization and protection

Chair of ITU-T Study Group 15, focus on wire side.

Glen Parsons will be reviewing the relationships of the liaisons

8.04	DT	SA E-Tools Update	Boyce	5	05:47 PM

Boyce file showed following slides.

IEEE STANDARDS ASSOCIATION   ◈IEEE

Standards Development Solutions & ETools Update

IEEE-SA 802 EC – March 2013 Plenary

DCN:

Status of Tickets as of March 2013

- **Communications Plan (Jon and Christina)**
  - Meet monthly review/clarify/discuss issues & updates. 2 tickets remaining.
  - Mentor Tickets
    - 1 Metadata UI
  - myProject Ticket
    - 2 API Registry
  - No Attendance Tool Tickets

Recent changes

Mentor:

1023 - ePoll Advance Start (Stephens): ePolls that have a start date in the future will not appear in the "open ePolls" section until the start date. Admins/Officers, however, will continue to see ePolls that have not yet begun.

Links that are added to the ePoll question will now be clickable from the "open ePolls" list and the detail page.

Attendance Tool:

1291 – Meeting Planner report in attendance tool (Rosdahl):Added a new report for meeting planners and staff named "meeting planner report". The new report will show the SA pin, name, email, affiliation and home group of those who logged attendance at a particular event. This supplements the "export attendance" report that provides complete detail of all breakouts attended.

myProject

1305 (Nikolich)– Added a "List Size" preferences to the User Account page. This value will be used across myProject/IMAT/Mentor when showing a list to that user. This value replaces this Message Preference "Number of notification per page", and that has been removed from the Message Preferences page.

1283 (Shellhammer)– myProject send notificationto group. The "Officers Only" check-box has been replaced with a drop-down list containing the values "All Users", "Officers Only", and "By Involvement Level". If "By Involvement Level" was selected, then a list of involvement level check-boxes is shown, allowing the user to select one or more.

PAR form won't show a change in title/scope/purpose column if the text change is only made to whitespace (newlines, space or tabs). This enhancement was made in response to PAR submissions that were displaying a changes section when none had been made.

Added text/link to JSA (Joint Sponsor Agreement) on the initial "Submit a PAR" page, and below section 3.3 on the PAR form. This was done in response to new rules requiring submission of JSA when a project is being jointly sponsored.

IEEE STANDARDS ASSOCIATION ♦IEEE

QUESTIONS?

Contact: Christina Boyce (c.boyce@ieee.org)

Submit Issues to : solutions-support@standards.ieee.org

IEEE STANDARDS ASSOCIATION ♦IEEE

Request to see documentation for reciprocal credit should work.

Action Item – Myles resolving reciprocal credit practice.

Discussion of longevity of Mentor – per Boyce – will keep being supported.

8.05	DT	SA Staff Support Update	McCabe / Gerdon	5	05:52 PM

McCabe gave verbal update.
- Team supporting IEEE 802 activities.
- Concern over performance of reflector was highlighted as an issue. Offline discussions to occur.

9.00		**Information Items**			**05:57 PM**
9.02	II	**Regulatory report**	**Lynch**	**2**	**05:57 PM**

Lynch gave verbal update. It was noted that 8082.18 appointed Jay Holcomb, Itron, secretary.

9.03	II	Exec Secretary Part 2	**Rosdahl**	**7**	**05:59 PM**

Rosdahl presented the following slides.

Executive Secretary Agenda Items -

9.03 EXECUTIVE SECRETARY REPORT PART 2

Geneva Plenary

We started a discussion on Monday about the potential for an 802 Opening Plenary Meeting.

During the week we had discussions on the topic.

Proposed Plan:

Hold a one hour Opening Plenary from 11am to noon.

(right after the EC opening Plenary meeting.)

We would invite our hosts to have the opportunity to speak to the full plenary.

Call for Tutorials for the July 2013 Plenary in Geneva, Switzerland

Tutorial Request form:
  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 June 1st, 2013.

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4 June 2013 Interim Telecon -

Agenda for Interim EC meeting
  – Tuesday 04 JUM 2013 1-3PM ET

Initial Draft Agenda
  – 1. Welcome/Intro/Approve Agenda   - Nikolich   5 min
  – 2. Report: 802 EC P&P Status Update   - Gilb   1 min
  – 3. Report: March EC Action Item Summary   - D'Ambrosia   2 min
  – 4. Discussion: EC Leadership workshop action item review – Marks/Shellhammer   15 min
  – 5. Report: July 2013 Geneva Meeting Plan Status   - ???????   3 min
  – 6. Motion: Confirm approval of March 2014 venue contract - Heile   8 min
  – 7. Discussion: Ethernet 40th Anniversary Celebration   - D'Ambrosia   15 min

Per Chairs Guideline – Confirm during the Closing EC Plenary.
Note: Rosdahl will not be able to attend this call.

| 9.04 | II | **Recording Secretary Report** | **D'Ambrosia** | 1 | **05:59 PM** |

Any input on Items 9.04 should be forwarded to the reflector.

| 9.05 | II* | **Appeals report -No items to report** | **D'Ambrosia** | 0 | **06:00 PM** |

Approved with approval of agenda.

9.06	II	Network Services report	Alfvin	2	06:00 PM

Any input on Items 9.06 should be forwarded to the reflector.

10.00		ADJOURN SEC MEETING	Nikolich		06:00 PM

Meeting adjourned at 6:00pm.

Summary – Action Items

Item 4.01 - Chair directed individuals with concerns to provide their feedback to Mr. Diab to take back.

Item 4.06 – Gilb - Major changes will be summarized to the EC reflector. Calls will be cc'd to the EC reflectors.

Item 4.11 Action Item: Gilb to send out an update 30 days prior to July plenary.

Item 8.02 - Nikolich, Marks, Parsons to work together to propose something for later consideration. Draft recommendation due by June Teleconference.

Item 8.04 – Myles reslving reciprocal credit practice.