MINUTES (Unconfirmed) - IEEE 802 LMSC
EXECUTIVE COMMITTEE MEETING, Revision 3

Friday, July 22, 2011 – 1:00 p.m.
All times Pacific Daylight Time (PDT)

San Francisco, California

EC members present:
Paul Nikolich – Chair, IEEE 802 LAN / MAN Standards Committee
Pat Thaler – Vice Chair, IEEE 802 LAN / MAN Standards Committee
Mat Sherman – Vice Chair, IEEE 802 LAN / MAN Standards Committee
James Gilb – Recording Secretary, IEEE 802 LAN / MAN Standards Committee
Jon Rosdahl – Executive Secretary, IEEE 802 LAN / MAN Standards Committee
Bob Grow – Treasurer, IEEE 802 LAN/MAN Standards Committee
Tony Jeffree – Chair, IEEE 802.1 – HILI Working Group
David Law – Chair, IEEE 802.3 – CSMA/CD Working Group
Bruce Kraemer – Chair, IEEE 802.11 – Wireless LANs 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
Geoff Thompson – Chair, IEEE 802.23 Emergency Services Working Group

Non-voting members present:
Buzz Rigsbee – Meeting Planner, Member Emeritus

EC members absent:
John Lemon – Chair (non-voting), IEEE 802.17 – Resilient Packet Ring Working Group
Mark Klerer – Chair (non-voting), IEEE 802.20 – Mobile Broadband Wireless Access 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 1:00 pm

2.00	MI	**APPROVE OR MODIFY AGENDA**	**Nikolich**	**9**	**01:01 PM**

Proposed agenda is ec-11-0009-02-00EC-July-2011-closing-agenda.ods. No modifications were proposed

Motion is to approve the agenda, moved by Lynch, seconded by Simply Rosdahl

No discussion on the agenda
Vote is 14/0/0, agenda is approved.

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**

#	Type	Item	Presenter	Min	Time
1.00		**MEETING CALLED TO ORDER**	**Nikolich**	1	**01:00 PM**
2.00	MI	**APPROVE OR MODIFY AGENDA**	**Nikolich**	9	**01:01 PM**
3.00	II	**Announcements from the Chair**	**Nikolich**	5	**01:10 PM**
3.01	II	**Recognition of exceptional effort**	**Gilb**	3	**01:15 PM**
3.02					**01:18 PM**
					01:18 PM
4.00		**LMSC Internal business**			**01:18 PM**
4.01	MI	**Meeting planner contract extension**	**Grow/Rigsbee**	5	**01:18 PM**
4.02	II	**Treasurer's report**	**Grow**	5	**01:23 PM**
4.03	MI	**Motion to approve equipment purchases**	**Grow**	10	**01:28 PM**
4.04	DT	**Fees for IEEE 802.3 CFI consensus building meeting attendees**	**Law**	5	**01:38 PM**
4.05	DT	**802 Overview and Architecture report**	**Gilb**	5	**01:43 PM**
4.06	II	**IEEE 802 EC Interim Teleconference**	**Rosdahl**	5	**01:48 PM**
4.07	MI	**Approve incorporation of the revisions to the IEEE 802 LMSC WG P&P**	**Sherman**	5	**01:53 PM**
					01:58 PM
5.00		**IEEE Standards Board and Sponsor Ballot Items**			**01:58 PM**
5.01	MI	**802.21a forward to Sponsor ballot**	**Das**	10	**01:58 PM**
5.02	MI	**802.21b forward to Sponsor ballot**	**Das**	10	**02:08 PM**
5.03					**02:18 PM**
5.04	ME	**802.22 amendment for management and control plane interfaces and procedures and management information base enhancements PAR forward to NesCom**	**Mody**	5	**02:18 PM**
5.05	ME	**802.23 status and future plans, forward PAR withdraw to NesCom**	**Thompson**	10	**02:23 PM**
5.06	ME	**802.1BA forward to RevCom (conditional)**	**Jeffree**	5	**02:33 PM**
5.07	ME	**802.1AEbn forward to RevCom**	**Jeffree**	3	**02:38 PM**
5.08	ME	**802.1Qbf forward to RevCom (conditional)**	**Jeffree**	5	**02:41 PM**
5.09	MI	**802.1aq forward to Sponsor ballot (conditional)**	**Jeffree**	5	**02:46 PM**
5.10	MI	**802.1AXbk forward to Sponsor ballot (conditional)**	**Jeffree**	5	**02:51 PM**
5.11	ME	**802.1Qbh withdraw PAR forward to NesCom**	**Jeffree**	3	**02:56 PM**
5.12	ME	**802.1BR new standard for bridge port extension PAR forward to NesCom**	**Jeffree**	3	**02:59 PM**
5.13	ME	**802.1AXbq amendment for distributed resilient network interconnect PAR forward to NesCom**	**Jeffree**	3	**03:02 PM**
5.14	ME	**802.1aq PAR extension request forward to NesCom**	**Jeffree**	3	**03:05 PM**
5.15	ME	**802 Overview and Architecture PAR extension forward to NesCom**	**Jeffree**	3	**03:08 PM**
5.16	ME	**802.1ASbt amendment for timing and synchronization for time-sensitive applications PAR forward to NesCom**	**Jeffree**	3	**03:11 PM**
5.17	ME	**802.1AS corrigendum PAR forward to NesCom**	**Jeffree**	3	**03:14 PM**
5.18		**Break**		10	**03:17 PM**
5.19	ME	**802.3bj amendment for 100 Gb/s operation over backplanes and copper cables PAR forward to NesCom**	**Law**	5	**03:27 PM**
5.20					**03:32 PM**
5.21	ME	**802.11aa Video Transport Streams Forward to Sponsor Ballot (Conditional)**	**Kraemer**	10	**03:32 PM**
5.22	ME	**802.11ae Prioritization of Manangement Frames Forward to Sponsor Ballot (Conditional)**	**Kraemer**	10	**03:42 PM**
5.23	ME	**802.11s Mesh Networking Forward to RevCom**	**Kraemer**	5	**03:52 PM**
5.24					**03:57 PM**
5.25	ME	**802.15.4m amendment to 802.15.4 for TV white space PHY PAR forward to NesCom**	**Heile**	5	**03:57 PM**

5.26	MI	802.15.4e forward to Sponsor ballot	Heile	5	04:02 PM
5.27	MI	802.15.4f forward to Sponsor ballot	Heile	5	04:07 PM
5.28	MI	802.15.4g forward to Sponsor ballot	Heile	5	04:12 PM
5.29	MI	802.15.6 forward to Sponsor ballot	Heile	5	04:17 PM
5.30	ME	802.15.4h rescind PAR to remain on NesCom agenda	Heile	5	04:22 PM
5.31					04:27 PM
6.00		**Executive Committee Study Groups, Working Groups, TAGs**			04:27 PM
6.01	MI	802.22 TV Whitespace WRAN smart grid and critical infrastructure monitoring (new)	Mody	5	04:27 PM
6.02	MI	802.3 100 Gb/s Ethernet electrial backplane and copper (2nd extension)	Law	5	04:32 PM
6.03	MI	802.3 Next Generation 100Gb/s Ethernet Interfaces for Optical Fiber (new)	Law	5	04:37 PM
6.04	MI	802.3 Extended Ethernet Passive Optical Network (EPON) PMDs (new)	Law	5	04:42 PM
6.05	MI	802.15 Personal space communications (4th extension)	Heile	5	04:47 PM
6.06	MI	802.15 TV whitespace (2nd extension)	Heile	5	04:52 PM
6.07					04:57 PM
7.00		**LMSC Liaisons and External Interface**			04:57 PM
7.01	ME	802.22 press release, document 802.22-2011_press_release.pdf	Mody	5	04:57 PM
7.02	ME*	Liaison letter to ITU-T Study Group 5 Ethernet port isolation liaison request	Law		05:02 PM
7.03	ME*	Approve contribution 18-11-0063-01 to ITU	Lynch		05:02 PM
7.04	ME*	Approve contribution 18-11-0064-01 to ITU	Lynch		05:02 PM
7.05	ME*	Approve contribution 18-11-0067-01 to ITU	Lynch		05:02 PM
7.06	ME*	Approve contribution 18-11-0065-01 to ITU	Lynch		05:02 PM
7.07					05:02 PM
7.08					05:02 PM
7.09					05:02 PM
7.10					05:02 PM
7.11					05:02 PM
7.12					05:02 PM
7.13					05:02 PM
7.14					05:02 PM
7.15					05:02 PM
8.00		**IEEE SA items**			05:02 PM
8.01					05:02 PM
8.02	II	Recap of IEEE Senior Staff participation/engagement	Nikolich/McCabe	10	05:02 PM
8.03					05:12 PM
9.00		**Information Items**			05:12 PM
9.01	II	Plan for conference call on electronic tools	Thaler	5	05:12 PM
9.02	II	Update on upcoming venues – Geneva, July 2013	Rigsbee	5	05:17 PM
9.03	II	JTC1 ad-hoc report	Myles	10	05:22 PM
9.04					05:32 PM
9.05					05:32 PM
9.06	II	Regulatory report	Lynch	10	05:32 PM
9.07					05:42 PM
9.08	II	Executive secretary report	Rosdahl	5	05:42 PM
9.09	II	802 EC November 2011 Workshop update	Kraemer	1	05:47 PM
9.10	II	Appeals report	Gilb	1	05:48 PM
9.11	II	Network Services report	Alfvin	2	05:49 PM
10.00		ADJOURN SEC MEETING	Nikolich		06:00 PM

| 3.00 | II | Announcements from the Chair | Nikolich | 5 | 01:04 PM |

There were no announcements from the chair.

| 3.01 | II | Recognition of exceptional effort | Gilb | 3 | 01:05 PM |

Gilb indicated that this item was copied from the March agenda during which Rigsbee and Face to Face events were recognized for their outstanding efforts in arranging the meeting in Singapore.

Gilb said that we should still recognize Rigsbee for his efforts in making meeting logistics a success.

There was applause from the EC and the audience for Rigsbee.

| 4.00 | **LMSC Internal business** | | | | 01:18 PM |

| 4.01 | MI | Meeting planner contract extension | Grow/Rigsbee | 5 | 01:05 PM |

Rigsbee gave an update on the contract extension issues. We are going to issue a full RFP for network services. It should all be wrapped up before the end of the year.

Grow said that the IEEE has promised us that we will have continuity of operation, we can have the contracts extended if need be so we can continue to operate.

| 4.02 | II | Treasurer's report | Grow | 5 | 01:08 PM |

Grow presented the closing treasurer's report, 2011_07 TreasClosing.pdf. We should have a surplus for the March plenary meeting of about $30,000.

IEEE Project 802
Estimated Statement of Operations
Mar 2011 Plenary Session
Singapore
As of Jul 20, 2011

Income					Actual						Budget				Var
Paid Registration Summary (dB)	Fee	Cxl	LCxl	Gross	Cxl	LCxl	Net	Net Amt	%	Gross	Cxl	Net	Net Amount	%	
Pre-registration	$ 800	$ (800)	$ (750)	18	0	0	18	$ 14,400	3%	36				4%	
Pre-registration (with discount)	$ 500	$ (500)	$ (450)	494	26	13	455	$ 228,150	65%	630				70%	
Web-registration	$ 1,000	$ (1,000)	$ (950)	8	1	0	7	$ 7,000	1%	27				3%	
Web-registration (with discount)	$ 700	$ (700)	$ (650)	165	6	0	159	$ 111,300	23%	135				15%	
Onsite-registration	$ 1,200	$ (1,200)	$ (1,150)	20	0	0	20	$ 24,000	3%	18				2%	
Onsite-registration (with discount)	$ 900	$ (900)	$ (850)	36	0	0	36	$ 32,400	5%	54				6%	
Student-registration	$ 150			0	0	0	0	$ -	0%	0				0%	
Total Registration				741	33	13	695	$ 417,250	100%	900	27	873	$519,435	100%	($102,185)
								$ 417,250	63%					66%	
Non-registration Income															
Deadbeat collections								$ -	0%				$ -	0%	$0
Bank interest								$ 1,016	0%				$ 300	0%	$716
Comps & Commissions								$ 73,693	11%				$ 92,285	12%	($18,592)
Other: Singapore Sponsorship **								$ 170,313	0.2572				$ 170,313	22%	$0
Total Session Income								$ 662,271	100%				$ 782,333	100%	($120,062)
Expenses															
Audio Visual								$ 794	0%				pkg		
Audit**								$ 6,000	1%				$ 6,000	1%	$0
Bank Charges								$ 46	0%				$ 350	0%	($305)
Copying								$ 36	0%				$ 4,500	1%	($4,464)
Credit Card Discounts & Fees								$ 17,879	3%				$ 25,972	3%	($8,093)
Equipment Expenses								$ -	0%				$ -	0%	$0
Get IEEE 802 Conttribution								$ 52,125	8%				$ 65,475	9%	($13,350)
Insurance								$ -	0%				$ -	0%	$0
Meeting Administration								$ 81,714	13%				$ 103,881	14%	($22,168)
Misc Expenses*								$ 4,572	1%				$ 4,500	1%	$72
Networking								$ 86,377	14%				$ 120,000	16%	($33,623)
Other Expenses - Site Survey								$ 17,221	3%				$ -	0%	$17,221
Phone & Electrical								$ -	0%				$ 500	0%	($500)
Convention & Fees								$ -	0%				pkg		
Shipping								$ 20,042	3%				$ 25,000	3%	($4,958)
Workshop F&B								$ 1,241							
Social								$ 60,313	10%				$ 62,500	8%	($2,188)
Singapore Package (a/v,breaks, breakfast, lunch)								$ 284,365					$ 324,316		($39,951)
Supplies								$ -	0%				$ 1,500	0%	($1,500)
Total Session Expense								$ 632,723	55%				$ 744,494	56%	($113,806)

* reg counters, grats, CDs **Singapore estimate not yet final

| **Net Session Surplus/(Loss)** | | | | | | | | $ 29,547 | | | | | $ 37,838 | | |

IEEE Project 802
Estimated Statement of Operations
July 2011 Plenary Session
San Francisco

As of Jul 22, 2011

Income	Fee	Estimate			Budget			Var	Var %
Paid Registration Summary (dB)		**Net**	**Net Amt**	**%**	**Net**	**Net Amt**	**%**		
Pre-registration	$ 700	38	$ 26,600	7%	42	$29,400	5%		
Pre-registration (with discount)	$ 400	545	$ 218,000	57%	586	$234,400	69%		
Web-registration	$ 800	23	$ 18,400	5%	42	$33,600	5%		
Web-registration (with discount)	$ 500	134	$ 67,000	17%	110	$55,000	13%		
Onsite-registration	$ 900	28	$ 25,200	7%	17	$15,300	2%		
Onsite-registration (with discount)	$ 600	47	$ 28,200	7%	51	$30,600	6%		
Student-registration	$ 100	3	$ 300	0%	0	$0	0%		
Cancellations	$ 50	11	$ 550	0%	-26	($1,300)	-3%		
NC Cancellations	$ -	13	$ -	0%	0	$0	0%		
		842	$ 384,250	100%	822	$397,000	97%	($12,750)	-3%
			$ 384,250	100%		$ 397,000	87%		
Non-registration Income									
Deadbeat collections		$	-	0%	$	-	0%	$0	
Bank interest		$	-	0%	$	700	0%	($700)	
Comps, Commissions & Discounts		$	-	0%	$	60,000	13%	($60,000)	
Other		$	-	0	$	-	0	$0	
Total Session Income		**$**	**384,250**	100%	**$**	**457,700**	100%	($73,450)	-16%
Expenses									
Audio Visual		$	12,500	3%	$	20,000	4%		
Bank Charges		$	-	0%	$	300	0%	($300)	
Credit Card Discounts & Fees		$	-	0%	$	19,850	4%	($19,850)	
Equipment Expenses		$	-	0%	$	-	0%	$0	
Get IEEE 802 Conttribution (Net paid attendees * $75.00)		$	-	0%	$	61,650	13%	($61,650)	
Infrastructure				0%	$	4,250	1%	($4,250)	
Meeting Administration		$	68,800	17%	$	73,938	16%	($5,138)	
Misc Meeting Expenses		$	2,825	1%	$	8,300	2%	($5,475)	
Networking		$	89,400	22%	$	87,050	19%	$2,350	
Shipping		$	8,600	2%	$	10,000	2%	($1,400)	
Social		$	98,000	24%	$	69,870	15%	$28,130	
Food & Beverage		$	126,000	31%	$	106,860	23%	$19,140	
Total Session Expense		**$**	**406,125**	100%	**$**	**462,068**	100%	($50,443)	
Net Session Surplus/(Loss)		**$**	**(21,875)**		**$**	**(4,368)**			

Grow presented EC Closing - 4.3 Equipment.pdf

Motion is that the EC approves purchase of two laptops and three servers to support EEE 802 plenary meeting. Expense not to exceed $18k.

Moved by Grow, seconded by Jeffree

Law said that due to conflict of interest, he is reusing himself from the discussion and vote.

Kraemer asked if we will be transferring the new laptops and servers to VeriLAN.

Grow said that we will retain the laptops and the server.

Thompson said that the amount looks like it is excessive by a factor of two. He is speaking against the motion.

Thaler said that we are going for business quality, not consumer quality, but still the price seems to high.

Shellhammer asked what the laptops are used for.

Rigsbee said that we use the laptops for maintaining the database on the servers and the Face to Face items.

Sherman asked if we should get estimates.

Grow said that they are based on estimates.

Rigsbee said that we are getting warranties on the servers and laptops. The laptops are high end because we want to use them for 5 years.

Marks asked who is specifying this?

Rigsbee said that this is to replace our existing serves.

Alfvin (VeriLAN) said that murphy is a dedicated box for attendance. It is important that this is an independent server. The other two boxes are virtual machines. One is used for document synchronization to the east coast, the other (newton) is for network support, i.e., dhcp, etc. Two are used because if one dies, we can run both services on one machine, which did happen this week.

Kraemer spoke in favor of the motion. He said that there is confusion on who we are authorizing to specify the system.

Rigsbee said that we have requested that VeriLAN provide a specification for the servers.

Grow said that he will provide a list of the equipment.

No further discussion.

Vote is 12/2/0, motion passes. There was one recusal as well (Law).

Equipment Purchase

Bob Grow

Treasurer, IEEE 802 LMSC

- Servers
  - Three servers, one dead, all old
  - Used to support local services
  - Recommend replacing all
- Laptops
  - Two laptops, all old
  - Used to maintain databases and manage registration during meetings
  - Recommend replacing all

Motion – Equipment

The EC approves purchase of two laptops and three servers to support IEEE 802 plenary meetings. Expense not to exceed $18k.

M: Grow, S: Jeffree

4.04 DT Fees for IEEE 802.3 CFI consensus building meeting attendees Law 5 01:21 PM

Law began a discussion to determine if a meeting fee needs to be paid for attending a CFI. Law is in favor of charging a lower meeting fee with a different color badge and no voting rights. Law would like to put the proposal in writing and circulate it on the EC reflector. He would also like an agenda item for this in the EC interim meeting. He would like this resolved before November.

Thompson made a motion to defer consideration of this action and any potential motions rising therefrom until the Workshop in Atlanta.

Seconded by Heile

Law said that this motion would prevent discussion.

Thaler said that this is out of order.

Nikolich ruled the motion out of order and continued the discussion.

Grow said that when we come up with a solution it should be 802 wide. It should cover everyone's pre-study group activity. It would need to be bounded so that it covered both a person attending a single meeting versus someone attending multiple days.

Jeffree sees merit in the proposal, but agrees with Grow's points.

Law wants to know what happens in November for CFI attendees.

Rosdahl said that Nikolich was not taking speakers in order.

Thaler said that someone who is interested in developing a CFI should be attending the entire meeting anyway. There are other examples of people who attend for very short activities, but pay the entire meeting fee.

Kraemer agreed with Grow's points.

Das wondered why pre-study group discussions cannot be done on the reflector?

Marks is happy to defer the topic. He feels that enabling people to drop in for a CFI for a minimal fee would help to bring in new people to the process. Marks asked for clarification of the 802.3 process. The discussion will take place on the reflector.

Lynch said that 802.18 has had the situation where they wanted a subject matter expert to attend, but would not attend due to the meeting fee.

Sherman is against the concept of having a reduced fee, but was open to the idea of a daily fee.

Rosdahl (tongue firmly planted in his cheek) said we could swipe a credit card at the beginning of the week and bill people for every meeting attended. Alternately, we could charge the entire fee and credit people for meeting attended so that one could work off the meeting fee.

Rosdahl is against the idea of a daily rate due to complexity.

Rigsbee said that until we take an action, the rule remains that registration is required to attend the CFI.

Nikolich said that the action is for Law to stimulate discussion on the EC reflector

4.05 DT 802 Overview and Architecture report Gilb 5 01:43 PM

Gilb gave an overview of the work in progress on the 802 O&A project. There are still about 130 comments left to resolve, most of them are editorials.

Nikolich recognized Gilb's hard work on the 802 Overview and Architecture draft.

Nikolich continues to encourage WGs to support Gilb in completion of the 802 Architecture revision project.

4.06 II IEEE 802 EC Interim Teleconference Rosdahl 5 01:43 PM

Rosdahl presented ec-11-0014-01

Law clarified that item 4 should be for pre-study group activity.

Executive Secretary Agenda Items July 2011

Date: 2011-07-22

Authors:

Name	Affiliations	Address	Phone	email
Jon Rosdahl	CSR	10871 N 5750 W Highland, UT 84003	+1-801-492-4023	jrosdahl@ieee.org

Abstract

Agenda Items:

4.06 – IEEE 802 EC Interim Telecon, June 7, 2011, 1pm ET

9.08 - Executive secretary report

These Agenda Items are to be covered by Executive Secretary.

4.06: IEEE 802 EC Interim Teleconference -- Oct 4, 2011, 1pm ET

- **The tentative agenda for the Telecon is expected to be determined during our closing session.**

- **Current Agenda includes:**
  1. Single Sales Channel Update   -- Paul
  2. Status report on Network RFP -- Rosdahl/Risgbee
  3. Update on November Workshop Agenda – Kraemer
  4. Discussion on Pre-SG Mtg fee -- Law
  5. AOB

9.06 - Executive Secretary report

- **Job description report:**
  - **Oversee the Meeting Manager and assist in LMSC sponsored activities and services.**
    - Have worked with Buzz and assisted in meeting logistics and services contract reviews.
  - **Test, Evaluate and explore tools, methods and means to improve the efficiency of LMSC meetings**.
    - Logistic improvements
      - Ongoing discussion with service providers
    - Technology can solve some but not all problems.
  - **Oversee maintenance of Sponsor Registration Database.**
    - No reported problems.

References

| 4.07 | MI | Approve incorporation of the revisions to the IEEE 802 LMSC WG P&P | Sherman | 5 | 01:44 PM |

Sherman made a motion: To approve incorporation of the revisions to the IEEE 802 LMSC Working Group P&P as described in document EC-11-0006-04.

Moved by Sherman, seconded by Mody.

No discussion.

Vote is 14/0/0, motion passes.

| 5.00 | | **IEEE Standards Board and Sponsor Ballot Items** | | | |

| 5.01 | MI | 802.21a forward to Sponsor ballot | Das | 10 | 01:46 PM |

Das presented 21-11-0129-00

Motion is to forward IEEE P802.21a for Sponsor Ballot

Moved by Das, seconded by Marks

No discussion.

Vote is 15/0/0, motion passes.

IEEE 802.21 Motions in July Plenary
DCN: 21-11-0129-00-0000
Title: Request for Sponsor Ballot Approval for IEEE 802.21a
Date Submitted: July 20, 2011
Presented at EC Closing Plenary, July 2011
Authors or Source(s):
Subir Das, Telcordia Technologies Inc
Juan Carlos Zuniga, InterDigital Corporation

Abstract: This document contains WG Letter Ballots summary and motions for Sponsor Ballot approval

Topic

Request for EC Approval to forward the IEEE P802.21a for Sponsor Ballot

IEEE P802.21a WG Ballot Result- Final Round

- **Date the last ballot closed: July 5th, 2011**
- **Vote tally including Approve, Disapprove and Abstain votes:**
  Ballot Pool = 32, Return ratio= 29 (90.63%), # of comments = 17 (T-2, E-15)
  Number of Approves = 29
  Number of Disapproves = 0
  Number of Abstains = 0
  Approval Ratio = 100%
- **Comments that support the remaining disapprove votes and Working Group responses – N/ A**

IEEE P802.21a Draft History and Statistics

IEEE WG Letter Ballot	Launch Date	# of Comments Received	Comment Resolution Status	Return Ratio	Approval Ratio	Draft Status
WG LB #5 (P802.21a Draft v1.0)	November 2010	296 (141T / TR, 155 E / ER)	Comments were addressed and Resolved	81%	<75%	P802.21a Draft v2.0 Prepared
WG LB #5a (P802.21a Draft v2.0)	February 2011	245 (140 T / TR, 105 E / ER)	Comments were addressed and Resolved	90.63%	**81.48%**	P802.21a Draft v3.0 Prepared
WG LB #5b (P802.21a Draft v3.0)	April 2011	135 (53 T / TR, 82 E	Comments were addressed and Resolved	90.63%	**86.2%**	P802.21a Draft v4.0 Prepared
WG LB#5c (P802.21a Draft	June 2		No "must be satisfied" Comments	90.63%	**100%**	P802.21a Draft v4.0

MEC Review is available at :
https://mentor.ieee.org/802.21/dcn/11/21-11-0113-00-0000-802-21a-mec-review.docx

Links to WG Letter Ballot Results

- **WG LB #5:**
  - **https://mentor.ieee.org/802.21/dcn/10/21-10-0258-00-0000-lb-5-result.xlsx**
- **WG LB #5a:**
  - **https://mentor.ieee.org/802.21/dcn/11/21-11-0023-00-0000-lb-5a-vote-summary.xls**
- **WG LB #5b:**
  - **https://mentor.ieee.org/802.21/dcn/11/21-11-0070-00-0000-letter-ballot-5b-results.xls**
- **WG LB #5c:**
  - **https://mentor.ieee.org/802.21/dcn/11/21-11-0107-00-0000-letter-ballot-5c-results.xls**

Links to WG Letter Ballot Comments

- **WG LB #5:**
  - **https://mentor.ieee.org/802.21/dcn/11/21-11-0003-04-0sec-lb5-comments.xls**
- **WG LB #5a:**
  - **https://mentor.ieee.org/802.21/dcn/11/21-11-0024-05-0sec-lb5a-comments.xls**
- **WG LB #5b:**
  - **https://mentor.ieee.org/802.21/dcn/11/21-11-0071-03-0sec-lb5b-comments.xls**
- **WG LB #5c:**
  - **https://mentor.ieee.org/802.21/dcn/11/21-11-0110-00-0sec-lb5c-comments.xls**

Tentative Time-line for P802.21a Sponsor Ballot

- **The Sponsor Ballot Pool formation is currently under way**
- **Aug 2nd, 2011 – Sponsor Ballot #1 Starts**
- **Aug 31st, 2011 – Sponsor Ballot #1 Ends**
- **September 19-22– Address and Resolve Comments**
- **October 2011 – Sponsor Ballot recirculation**
- **November 2011 – Sponsor Ballot recirculation**

P802.21 WG Motion

Move to authorize the P802.21 WG Chair to make a motion to the IEEE 802 Executive Committee for approval to forward the IEEE 802.21a Draft for Sponsor Ballot

Move: Yoshihiro Ohba
Second: Anthony Chan

For: 09
Against: 00
Abstain: 00

Motion   Passes

Motion

Motion: To forward IEEE P802.21a for Sponsor Ballot

Move: Subir Das
Second: Roger Marks

For:
Against:
Abstain:

Motion

Das presented 21-11-0130-00

Motion is to forward IEEE P802.21b for Sponsor Ballot

Moved by Das, seconded by Marks

No discussion.

Vote is 15/0/0, motion passes.

Nikolich noted that there were only 9 voters. He asked what was happening with the group.

Das said that participation is decreasing. They had 13 at this plenary, they usually have around 20.

1

IEEE 802.21 Motions in July Plenary
DCN: 21-11-0130-00-0000
Title: Request for Sponsor Ballot Approval for IEEE 802.21b
Date Submitted: July 20, 2011
Presented at EC Closing Plenary, July 2011
Authors or Source(s):
 Subir Das, Telcordia Technologies Inc
Juan Carlos Zuniga, InterDigital Corporation

Abstract: This document contains WG Letter Ballots summary and the motions for Sponsor Ballot approval

Topic

Request for EC Approval to forward the IEEE P802.21b for Sponsor Ballot

IEEE P802.21b WG Ballot Result- Final Round

- **Date the last ballot closed:** July 5th, 2011
- **Vote tally including Approve, Disapprove and Abstain votes:**
  Ballot Pool = 32, Return ratio= 29 (90.63%), # of comments = 06 (T-2, E-04)
  Number of Approves = 27
  Number of Disapproves = 0
  Number of Abstains = 02
  Approval Ratio = 100%
- **Comments that support the remaining disapprove votes and Working Group responses – N/ A**

IEEE P802.21b Draft History and Statistics

IEEE WG Letter Ballot	Launch Date	# of Comments Received	Comment Resolution Status	Return Ratio	Approval Ratio	Draft Status
WG LB #4 (P802.21b Draft v1.0)	August 2010	87 (38T / TR, 49 E / ER)	Comments were addressed and Resolved	72%	<75%	P802.21b Draft v2.0 Prepared
WG LB #4a (P802.21b Draft v2.0)	November 2010	147(88 T / TR, 59 E / ER)	Comments were addressed and Resolved	81%	<75%	P802.21b Draft v3.0 Prepared
WG LB #4b (P802.21b Draft v3.0)	April 2011	36 (22 T / TR, 14 E	Comments were addressed and Resolved	90.63%	**88.88%**	P802.21b Draft v4.0 Prepared
WG LB#4c (P802.21b Draft v4.0)	June 20__	__R,	No "must be satisfied " Comments	90.63%	**100%**	P802.21b Draft v4.0

MEC Review is available at :
https://mentor.ieee.org/802.21/dcn/11/21-11-0114-00-0000-802-21b-mec-review.docx

Links to WG Letter Ballot Results

- **WG LB #4:**
  - **https://mentor.ieee.org/802.21/dcn/10/21-10-0180-00-0000-lb-4-result.xls**
- **WG LB #4a:**
  - **https://mentor.ieee.org/802.21/dcn/10/21-10-0257-00-0000-lb-4a-result.xlsx**
- **WG LB #4b:**
  - **https://mentor.ieee.org/802.21/dcn/11/21-11-0069-00-0000-letter-ballot-4b-results.xls**
- **WG LB #4c:**
  - **https://mentor.ieee.org/802.21/dcn/11/21-11-0108-00-0000-letter-ballot-4c-results.xls**

Links to WG Letter Ballot Comments

- **WG LB #4:**
  - **https://mentor.ieee.org/802.21/dcn/10/21-10-0192-07-bcst-lb4-comments-v1.xls**
- **WG LB #4a:**
  - **https://mentor.ieee.org/802.21/dcn/11/21-11-0001-03-bcst-lb4a-comments.xls**
- **WG LB #4b:**
  - **https://mentor.ieee.org/802.21/dcn/11/21-11-0078-03-bcst-lb4b-comments.xls**
- **WG LB #4c:**
  - **https://mentor.ieee.org/802.21/dcn/11/21-11-0120-00-bcst-lb4c-comments.xls**

Tentative Time-line for P802.21b Sponsor Ballot

- **The Sponsor Ballot Pool formation is currently under way**
- **Aug 2nd, 2011 – Sponsor Ballot #1 Starts**
- **Aug 31st, 2011 – Sponsor Ballot #1 Ends**
- **September 19-22– Address and Resolve Comments**
- **October 2011 – Sponsor Ballot recirculation**
- **November 2011 – Sponsor Ballot recirculation**

P802.21 WG Motion

Move to authorize the P802.21 WG Chair to make a motion to the IEEE 802 Executive Committee for approval to forward the IEEE 802.21b Draft for Sponsor Ballot

Move: Juan Carlos Zuniga
Second: Antonio De La Oliva

For: 09
Against: 00
Abstain: 00

Motion   Passes

Motion

Motion: To forward IEEE P802.21b for Sponsor Ballot

Move: Subir Das
Second: Roger Marks

For:
Against:
Abstain:

Motion

Mody presented 22-11-0087-02 slides 5-9 and 22-11-0059-13

Jeffree said that tense does not matter for an amendment as the scope and purpose do not go in the draft. It should be the scope and purpose

Motion is to Move that the EC approves the P802.22a PAR and Five Criteria with an Editorial Change in the Scope ("ANS1" to be changed to "ASN.1") and forwards the PAR to NesCom.

Moved by Mody, seconded by Heile.

Thompson said that using a "Yes" only to answer a 5C question is very bad. It should be "Yes" with an explanation.

Grow said that there were many things that will cause many comments from NesCom, but thinks it is OK.

Kraemer asked that the version number of the document be put in the motion.

Motion is ammended by Mody, Heile agrees with the change.

Kraemer requested that the motion be modified.

The motion now reads, Move that the EC approves the P802.22a PAR 22-11-0059 Rev 10 with chanes as contained in 22-111-0059 rev 13 and Five Criteria with an Editorial Change in the Scope ("ANS1" to be changed to "ASN.1") and forwards the PAR to NesCom.

Amended by Mody, seconded by Heile, no ojbection to the amendment.

Aziz (NICT) said that they were not sure if they needed to create a coexistence document.

Law said that we have the power to vote for any type of PAR, not just what is posted by the time specified in the rules.

Gilb spoke against the motion because the coexistence assurance question was not addressed.

Marks pointed out that the entire coexistence question is missing.

Thaler said that we should keep our process more clean and get comments in early.

Vote is 12/1/2, motion passes.

Motion #2

Motion for the EC Approval of the 802.22a Amendment PAR and subsequent submission to NESCOM

IEEE P802.22a PAR and 5C

Title: IEEE Standard for Wireless Regional Area Networks - Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Policies and procedures for operation in the TV Bands. **Amendment: Management and Control Plane Interfaces and Procedures and enhancement to the Management Information Base (MIB)**

Draft PAR and 5C prior to Wednesday 5 pm PST deadline: The contents for the PAR Form can be found in Document 22-11-0059 Rev 10

https://mentor.ieee.org/802.22/dcn/11/22-11-0059-10-0000-amendment-par-for-mib

Changes after Wednesday 5 pm PST deadline:

Changes were made to the PAR Form based on the rebuttal comments from the 802.11 PAR review ad-hoc committee. The contents of the Modified PAR Form for 802 EC Consideration can be found in Document 22-11-0059 Rev 13

https://mentor.ieee.org/802.22/dcn/11/22-11-0059-13-0000-amendment-par-for-mib

IEEE P802.22a PAR and 5C

802.22 Working Group Motions Approving the PAR/5C and Modifications thereafter:

https://mentor.ieee.org/802.22/dcn/11/22-11-0086-00-0000-july-plenary-working-group-m

IEEE 802.22 WG Motion 6:

Move to approve the resolution of the comments submitted by 802.11 and 802.19 on the MIB PAR and 5C as contained in document: 22-11-0085-02-0000-802-22-response to comments-on-802.22a PAR and 5C.ppt (

https://mentor.ieee.org/802.22/dcn/11/22-11-0085-02-0000-802-22-response-on-comments

) and the resulting modifications to the MIB PAR and 5C contained in document: 22-11-0059-10-0000-amendment-par-for-mibs-and-management-plane-procedures.doc (

https://mentor.ieee.org/802.22/dcn/11/22-11-0059-10-0000-amendment-par-for-mibs-and

) .

Move: Tom Gurley

Second: Jerry Kalke

•**For: 9 Against: 0 Abstain: 0**

IEEE P802.22a PAR and 5C

IEEE 802.22 Working Group Motions Approving the PAR/5C and Modifications thereafter: https://mentor.ieee.org/802.22/dcn/11/22-11-0086-00-0000-july-plenary-working-group-motions.doc

IEEE 802.22 WG Motion 10:

To allow the Chair to submit contents of the Document # 22-11-59 Rev 13 (https://mentor.ieee.org/802.22/dcn/11/22-11-0059-13-0000-amendment-par-for-mibs-and-management-plane-procedures.doc) as the 802.22a PAR form to the IEEE 802 EC for consideration during the July Closing EC Meeting and make subsequent submission to the IEEE SA NESCOM upon its approval from the EC.

Move: Hiroshi Harada

Second: Gerald Chouinard

For: 10

Against: 0

Abstain: 0

IEEE P802.22a PAR and 5C

Executive Committee Motion

Move that the EC approves the P802.22a PAR and Five Criteria with an Editorial Change in the Scope ("ANS1" to be changed to "ASN.1") and forwards the PAR to NesCom.

Move: Apurva N. Mody

Second:

For:

Against:

Abstain:

IEEE P802.22
Wireless RANs

Amendment PAR for Management and Control Plane Interfraces and Procedures and Management Interface Based Modules				
Date: 2011-07-2021				
Author(s):				
Name	**Company**	**Address**	**Phone**	**email**
Ranga Reddy	Self	400 Deal Lake Drive, Apt 2B Asbury Park, NJ 07712	732-693-5812	ranga.reddy@ieee.org
Winston Caldwell	Fox			Winston.caldwell@fox.com

Abstract

This contribution contains a template to be submitted as an Amendment PAR to enhance the MIBs and Management and Control Plane Interfaces and Procedures to be worked into the IEEE Std. 802.22-2011.

Submitter Email: apurva.mody@ieee.org
Type of Project: Amendment to the IEEE Standard 802.22-2011
PAR Request Date: 12-June-2011
PAR Approval Date: xx-xxx-2011
PAR Expiration Date: 31-Dec-2015
Status: PAR for an amendment to an existing IEEE Standard
Project Record: P802.22a
Root PAR: 802.22-2011
Approved on: 17-Jun-2011 (expected)

1.1 Project Number: P802.22a
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: ~~Amendment to~~ IEEE Standard for Wireless Regional Area Networks - Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Policies and procedures for operation in the TV Bands. Amendment: - ~~Enhancement of the~~ **Management and Control Plane Interfaces and Procedures and** enhancement to the **Management Information Base (MIB)**

3.1 Working Group: Wireless Regional Area Networks Working Group (C/LM/WG802.22)
Contact Information for Working Group Chair
  Name: Apurva Mody
  Email Address: apurva.mody@ieee.org
  Phone: 404-819-0314
Contact Information for Working Group Vice-Chair
  Name: Gerald Chouinard
  Email Address: gerald.chouinard@crc.ca
  Phone: 613-998-2500

3.2 Sponsoring Society and Committee: IEEE Computer Society/Local and Metropolitan Area Networks (C/LM)
Contact Information for Sponsor Chair
  Name: Paul Nikolich
  Email Address: p.nikolich@ieee.org
  Phone: 857.205.0050
Contact Information for Standards Representative
None

4.1 Type of Ballot: Individual
4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: ~~03~~11/201~~3~~2
4.3 Projected Completion Date for Submittal to RevCom: ~~01~~07/201~~4~~3

5.1 Approximate number of people expected to be actively involved in the development of this project: 15

5.2 Scope: ~~Under t~~This amendment defines~~,~~ a new clause for Management and Control Plane Interfaces and Procedures ~~will be added~~ to the existing IEEE Std 802.22-2011. The ~~existing~~ Management Information Base (MIB) structure enancements include changes to comply with ANS1 and support for the new Clause.~~will be modified and new material will be added to it~~. Modifications to the existing Clause ~~-~~on Primitives for Cognitive Radio Capabilities ~~will be carried out, if needed,~~ to align it with the content in the MIB clause and the new clause are also defined..

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: The purpose of this project is to enhance the definition of managed objects to enable efficient control and management of IEEE 802.22 devices. This amendment ~~will also~~ creates standardized management and control interfaces as well as procedures ~~so~~ that allows a standardized specification between various external entities (e.g., Network Control and Management System, authorized TV Band Database Service, Spectrum Sensing Function, Geolocation Function, etc.) ~~can be provided for management and~~and ~~control of~~ IEEE 802.22~~802.22 devices and networks~~entities.

5.5 Need for the Project: This project is needed to extend upon the IEEE Std 802.22-2011 in enhancing the Management Information Base (MIB) definitions and create ~~the~~a new Management and Control Plane Interfaces and Procedures. It is in the best interest of users and the industry to strive for a standardized interface and managed objects that are used for configuration and monitoring of the IEEE 802.22 wireless systems in order to ~~so as to~~ develop ~~a~~ broad applicability and ensure efficient control. Configuration and management of cognitive radios in TVWS requires extensive control and management interfaces. Also, given the large footprint of 802.22 networks as well as support for fixed and portable devices, remote control and management of these devices is a necessity.

5.6 Stakeholders for the Standard: Manufacturers and users of IEEE Std 802.22-2011 devices. ~~semiconductor, personal computer, enterprise networking devices, consumer electronic devices, home networking equipment, mobile devices.~~

Intellectual Property
6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No
6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No

7.1 Are there other standards or projects with a similar scope?: No\
7.2 **Joint Development:**
   Is it the intent to develop this document jointly with another organization?: No

8.1 Additional Explanatory Notes (Item Number and Explanation):

FIVE CRITERIA

1. Broad Market Potential

A standards project authorized by IEEE 802 shall have a broad market potential. Specifically, it shall have the potential for:
a) Broad sets of applicability.

Thompson presented 802-23 Final Report to EC.odp

Motion is Move to submit withdrawal of P802.23 PAR to NESCOM (on the basis of lack of participation)

Moved by Thompson, seconded by Jeffree

Grow commended Thompson for recognizing the inevitable.

Shellhammer requested that the presentation be circulated on the reflector.

Jeffree commended Thompson for taking on a difficult task and doing the best that was possible.

Marks recognized Thompson's effort and appreciated his work.

Vote is 15/0/0, motion passes

Nikolich said that his intention is to return Thompson as member emeritus.

Law moved to confirm Thompson as a member emeritus upon withdrawal of the PAR, upon which the 802.23 WG will disband.

Seconded by Grow

Vote is 13/0/1, motion passes

802.23 Closing (and Final) Report to 802 EC
Friday July 22, 2011

Presented by:
Geoff Thompson, Working Group Chair
GraCaSI S.A. Supported by InterDigital Communications LLC

Ballot Results

- 802.23 Draft developed by WG Chair since Singapore
- Reviewed and improved at May Interim (King of Prussia, PA)
- Resulting draft: D0.9
- Sent forth for 30 day structured review on 6/12/2011
- Comment period closed on 7/13
- 6 Commenters, 43 Comments
- WG met this week to consider comments (T/W am) (2 att)
- Resolved all comments
- Developed editing instructions to improve draft.
-

W.G. status/evaluation

- No voting members added since 1st WG meeting last July
- Initial driving participant no longer involved
- WG history is of no technical contributions
- No attendees (other than WG Chair) in Singapore
- 2 attendees (other than WG Chair) at May interim
- No prospects for improvement
- Without technical contributions, draft can't reasonably progress
- Lack of participation indicates poor prospects for market adoption of a standard.
- Viable options not apparent without participation

W.G. Shutdown Plans

- Cease further operation as a Working Group
- Move to withdraw PAR
- Plan for PAR to be withdrawn by Nescom/SASB in Sept.
- Generate final draft (D1.0) from comments for archiving
- Archive all documents in existing WG directory on Mentor
- Update tools and web pages as appropriate
- Continue to particpate in EC voting until September SASB meeting.

Motion
Withdrawal of 802.23 PAR

Move to submit withdrawal of P802.23 PAR to NESCOM (on the basis of lack of participation)

Moved: Geoff Thompson
Second: Tony Jeffree

YES_____   NO _____   ABSTAIN _____

PASS/FAIL @ _____ PM

Jeffree presented 2011-07-exec-motions-v2.pdf, slides 1-2

Motion is 802.1 requests EC conditional approval to forward P802.1BA to RevCom following satisfactory completion of Sponsor recirculation balloting.

Moved by Jeffree, seconded by Kraemer

Vote is 14/0/0, motion passes

Motion

- 802.1 requests EC conditional approval to forward P802.1BA to RevCom following satisfactory completion of Sponsor recirculation balloting.
- Proposed: Teener Second: Garner
- For: 31 Against: 0   Abstain: 2
- EC proposed: Jeffree Second: XXX
- For: XX Against: XX   Abstain: XX

P802.1BA – supporting material

- Recirc will close 3rd August. Currently 100% approval; not expecting this to change. Comment resolution, if needed, at the September interim.

- **RESPONSE RATE** This ballot has met the 75% returned ballot requirement.

- 87 eligible people in this ballot group.

- 68 affirmative votes 0 negative votes with comments 0 negative votes without comments 2 abstention votes: (Lack of expertise: 1, Lack of time: 1) 70 votes received = 80% returned   2% abstention

- **APPROVAL RATE** The 75% affirmation requirement is being met.

- 68 affirmative votes 0 negative votes with comments 68 votes = 100% affirmative

Jeffree presented 2011-07-exec-motions-v2.pdf, slides 3-4

Motion is 802.1 requests EC approval to forward P802.1AEbn (MAC Security: Amendment— GCM-AES-256 Cipher Suite) to RevCom .

Moved by Jeffree, seconded by Kraemer

Vote is 14/0/0, motion passes

MOTION

- 802.1 requests EC approval to forward P802.1AEbn (MAC Security: Amendment— GCM-AES-256 Cipher Suite) to RevCom .
- Proposed: Congdon   Second: gray
- For: 24   Against: 0   Abstain: 3
- EC proposed: Jeffree   Second: XXX
- For: Against: Abstain:

P802.1AEbn – supporting material

- Recirc closed 6th July. 100% approval; no outstanding negatives.
- **RESPONSE RATE** This ballot has met the 75% returned ballot requirement.
- 69 eligible people in this ballot group.
- 58 affirmative votes 0 negative votes with comments 0 negative votes without comments 5 abstention votes: (Lack of expertise: 3, Lack of time: 1, Other: 1) 63 votes received = 91% returned   7% abstention
- **APPROVAL RATE** The 75% affirmation requirement is being met.
- 58 affirmative votes 0 negative votes with comments 58 votes = 100% affirmative

Jeffree presented 2011-07-exec-motions-v2.pdf, slides 5-6

Motion is 802.1 requests conditional approval from the EC to submit P802.1Qbf to RevCom. Conditional on success of the 802.1Qbf recirculation.

Moved by Jeffree, seconded by Thaler

Vote is 14/0/0, motion passes

MOTION

- 802.1 requests conditional approval from the EC to submit P802.1Qbf to RevCom.
  - Conditional on success of the 802.1Qbf recirculation.
- Proposed: Haddock Second: Sultan
- For: 23   Against: 0   Abstain: 2
- EC proposed: Jeffree   Second: XXX
- For: XX Against: XX   Abstain: XX

P802.1Qbf – supporting material

- Recirc closed 18th April. Next recirc in July/August. Currently 1 outstanding No vote with 14 "must be satisfied" comments; expecting this vote to be satisfied by the comment resolution. Comment resolution, if needed, at the September interim.

- Comment disposition is at: http://www.ieee802.org/1/files/public/Exec_files/2011-07/802-1bf-d1-3-dis-v00.pdf

- **RESPONSE RATE** This ballot has met the 75% returned ballot requirement.

- 70 eligible people in this ballot group.

- 52 affirmative votes 1 negative votes with comments 0 negative votes without comments 3 abstention votes: (Lack of expertise: 2, Other: 1) 56 votes received = 80% returned   5% abstention

- **APPROVAL RATE** The 75% affirmation requirement is being met.

- 52 affirmative votes 1 negative votes with comments 53 votes = 98% affirmative

Jeffree presented 2011-07-exec-motions-v2.pdf, slides 8-9

There is no motion as the project is not substantially complete

802.1 MOTION

- 802.1 requests EC conditional approval to submit P802.1aq to Sponsor Ballot.

- Proposed: Haddock Second: Fedyk
- For: 29   Against: 0   Abstain: 1

- EC proposed: Second:
- For: XX Against: XXAbstain: XX

P802.1aq – Supporting material

- On examination, the project doesn't meet the "substantially complete" requirement so I am not making a motion to approve forwarding

- However, this is a "heads up" that should the recirc(s) be successful I may request forwarding approval via EC ballot before November.

Jeffree presented 2011-07-exec-motions-v2.pdf, slides 10-11

Motion is 802.1 requests EC conditional approval to submit P802.1AXbk to Sponsor Ballot.

Moved by Jeffree, seconded by Thaler

Vote is 14/0/0, motion passes

MOTION

- 802.1 requests EC conditional approval to submit P802.1AXbk to Sponsor Ballot.

- Proposed: Haddock Second: Messenger
- For: 27   Against: 0   Abstain: 3

- EC proposed: Second: XXX
- For: XX Against: XXAbstain: XX

P802.1AXbk – Supporting material

- 33 responses received on the D1.0 WG ballot
- 44 Voters – of which 31 have responded (70%) at July 22nd 2011
  - 18 Approve   90%
  - 2 Disapprove   10%
  - 11 Abstain   35%
- Unresolved Required comments:
  - Dan Romascanu: 4   Accepted or Accepted in Principle
  - Anoop Ghanwani: 1   Rejected
- Recirc in July/August timeframe with comment resolution (if needed) at September interim meeting. Possible final recirc after interim to fix any remaining typos.
- Comment disposition summary:
- http://www.ieee802.org/1/files/public/Exec_files/802-1AXbk-d1-0-dis-unresolved-required-110722.pdf

Jeffree presented 2011-07-exec-motions-v2.pdf, slides 13-14

Motion is 802.1 requests the EC approval to forward the P802.1BR extension PAR to NesCom and to withdraw the P802.1Qbh PAR

Moved by Jeffree, seconded by Thaler

Vote is 15/0/0, motion passes

MOTION

- 802.1 requests the EC approval to forward the P802.1BR extension PAR to NesCom and to withdraw the P802.1Qbh PAR

- Proposed: thaler

- Second: pelissier
  - For: 13 Against: 1 Abstain: 19

- EC proposed: Jeffree   Second: XXX

- For: XX Against: XX   Abstain: XX

P802.1BR/P802.1Qbh – Supporting material

- Par and 5C precirculated and comments addressed as per P&P. Final text:

- http://ieee802.org/1/files/public/docs2011/new-pelissier-p802-1BRdraft-par-0711.pdf

- http://ieee802.org/1/files/public/docs2011/new-pelissier-p802-1BR-draft-5c-0711.pdf

- This draft PAR effectively subsumes all that was in P802.1Qbh, hence the desire to withdraw the P802.1Qbh PAR.

| 5.12 | ME | 802.1BR new standard for bridge port extension PAR forward to NesCom | Jeffree | 3 | 02:39 PM |

Item handled as part of 5.11

| 5.13 | ME | 802.1AXbq amendment for distributed resilient network interconnect PAR forward to NesCom | Jeffree | 3 | 02:40 PM |

Jeffree presented 2011-07-exec-motions-v2.pdf, slides 15-16

Motion is 802.1 requests approval from the EC to submit the P802.1AXbq draft PAR to NesCom.

Moved by Jeffree, seconded by Thaler

Vote is 13/0/0, motion passes

MOTION

- 802.1 requests approval from the EC to submit the P802.1AXbq draft PAR to NesCom.

- Proposed: Haddock Second: Finn
- For: 31 Against: 0 Abstain: 2

- EC proposed: Jeffree Second: XXX
- For: XX Against: XXAbstain: XX

P802.1AXbq – Supporting material

- Par and 5C precirculated as per P&P; no comments received. Final text:

- http://grouper.ieee.org/groups/802/PARs/2011-07/new-p802-1AXbq-draft-PAR-0311.pdf

- http://grouper.ieee.org/groups/802/PARs/2011-07/new-p802-1AXbq-draft-5c-0311.pdf

Jeffree presented 2011-07-exec-motions-v2.pdf, slides 17-18

Motion is 802.1 requests approval from the EC to submit the P802.1aq PAR extension to NesCom.

Moved by Jeffree, seconded by Thaler

Vote is 13/0/0, motion passes

MOTION

- 802.1 requests approval from the EC to submit the P802.1aq PAR extension to NesCom.

- Proposed: Haddock Second: Fedyk
- For: 27   Against: 0   Abstain: 1

- EC proposed: Jeffree Second: XXX
- For: XX Against: XXAbstain: XX

P802.1aq – Supporting material

- Par extension request precirculated as per P&P; no comments received. Final text:

- http://www.ieee802.org/1/files/public/docs2011/aq-draft-par-extension-request-0711.pdf

Jeffree presented 2011-07-exec-motions-v2.pdf, slides 19-20

Motion is 802.1 requests EC approval to forward the PAR extension for P802 O&A to NesCom.

Moved by Jeffree, seconded by Thaler

Vote is 14/0/0, motion passes

MOTION

- 802.1 requests EC approval to forward the PAR extension for P802 O&A to NesCom.
- Proposed: Congdon   Second: gray
- For: 29   Against: 0   Abstain: 1
- EC proposed: Jeffree   Second: XXX
- For: Against: Abstain:

P802 – Supporting material

- Par extension request precirculated as per P&P; no comments received. Final text:

- http://www.ieee802.org/1/files/public/docs2011/admin-p802-oa-draft-par-extension-request-0711.pdf

Jeffree presented 2011-07-exec-motions-v2.pdf, slides 21-22

Motion is EC approves forwarding the draft PAR for P802.1ASbt to NesCom, conditional upon the successful completion of an 802.1 email ballot to approve forwarding, and no resultant changes to the text.

Moved by Jeffree, seconded by Thaler

Thompson said that this puts the cart before the horse.

Thaler said that the procedure is in the Ops Manaul.

Nikolich said that there will be no changes to the PAR. If there were, then they would need to come back to the EC for approval.

Thompson requested that the motion say "without the specific intent to set a precedent"

Thaler said that adopting the motion sets the precedence, no matter what is says.

Marks asked if this had been 30 days circulated.

Jeffree said that it has been circulated in .1 in March and 30 day circulation to the EC.

Marks said that we have had enough PAR issues that he is not comfortable breaking our rules.

Kraemer spoke in favor of the motion. He would prefer some discretion and sympathy on the part of the EC.

Thaler said that when we deviate from the Operations Manual, we should take a vote to suspend the rules.

Das aksed if the WG approved the PAR before it was circulated.

Thaler said that there was a vote to circulate the PAR, but not a vote to approve the PAR.

Rosdahl asked how long the ballot would take.

Jeffree said 15 days

Rosdahl said that would miss the deadline September NesCom ageneda.

John Messenger (Adva Optical Networking) said that because it has no changes is a reasonable expectation that the WG is happy with the PAR.

Vote is 10/3/2, motion passes

MOTION

- EC approves forwarding the draft PAR for P802.1ASbt to NesCom, conditional upon the successful completion of an 802.1 email ballot to approve forwarding, and no resultant changes to the text.
- Proposed: Jeffree   Second: XXX
- For: Against: Abstain:

P802.1ASbt – Supporting material

- Par and 5C precirculated as per P&P; no comments received. Final text:

- http://grouper.ieee.org/groups/802/PARs/2011-07/as-garner-p802-1ASbt-draft-par-0511-v4.pdf

- http://grouper.ieee.org/groups/802/PARs/2011-07/as-garner-p802-1ASbt-draft-5-Criteria-0511-v2.pdf

Jeffree presented 2011-07-exec-motions-v2.pdf, slides 23-24

Motion is EC approves forwarding the draft PAR for P802.1AS corrigendum to NesCom, conditional upon the successful completion of an 802.1 email ballot to approve forwarding, and no resultant changes to the text.

Moved by Jeffree, seconded by Thaler

Thompson spoke in favor

Vote is 12/1/2, motion passes.

MOTION

- EC approves forwarding the draft PAR for P802.1AS corrigendum to NesCom, conditional upon the successful completion of an 802.1 email ballot to approve forwarding, and no resultant changes to the text.
- Proposed: Jeffree   Second: XXX
- For: Against: Abstain:

P802.1AS Corrigendum – Supporting material

- Par precirculated as per P&P; no comments received. Final text:

- http://grouper.ieee.org/groups/802/PARs/2011-07/as-garner-p802-1AS-cor-1-draft-par-0511.pdf

| 5.18 | | Break | 10 | 02:56 PM |

Nikolich recessed the meeting at 2:56 pm, will restart at 3:06 pm

Meeting called to order 3:09 pm.

| 5.19 | ME | 802.3bj amendment for 100 Gb/s operation over backplanes and copper cables PAR forward to NesCom Law | 5 | 03:09 PM |

Law presented 802d3_0711_closing_EC.pdf, slides 2-4.

Motion is The EC approves the P802.3bj PAR and Five Criteria and forwards the PAR to NesCom.

Moved by Law, seconded by Grow

Vote is 14/0/0, motion passes

ME: IEEE P802.3bj Physical Layer specifications and Management parameters for 100Gb/s operation over Backplanes and Copper Cables

IEEE P802.3bj PAR and Five Criteria

- Title
  - Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific requirements Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications Amendment: Physical Layer specifications and Management parameters for 100 Gb/s operation over Backplanes and Copper Cables

- Draft PAR

  http://www.ieee802.org/3/100GCU/par_0511.pdf

- Draft 5C

  - http://www.ieee802.org/3/100GCU/5C_0511.pdf

- Changes from pre-circulated version

  - Unchanged from version circulated on Wednesday
    - RevCom submit date changed in response to IEEE 802.11 comment

IEEE P802.3bj PAR and Five Criteria

- The EC approves the P802.3bj PAR and Five Criteria and forwards the PAR to NesCom.

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

  Working Group vote Y:73, N: 0, A: 0

      Working Group votes on approval of individual items:
      Project Authorization Request: Y: 76, N: 0, A: 0
      Broad Market Potential criterion: Y: 74, N: 0, A: 0
      Compatibility criterion: Y: 74, N: 0, A: 0
      Distinct Identity criterion: Y: 72, N: 0, A: 0
      Technical Feasibility criterion: Y: 71, N: 0, A: 1
      Economic Feasibility criterion: Y: 75, N: 0, A: 0

Kraemer presented 11-11-1093-01, slides 5-6

Kraemer presented 11-11-1005-05.

Motion is Grant conditional approval to forward P802.11aa to Sponsor Ballot.

Moved by Kraemer, seconded by Rosdahl

Vote is 14/0/0, motion passes

P802.11aa

- **Robust Video Streaming**

- **Enhancements to the 802.11 MAC for robust audio video streaming**

- **This amendment enables: •**

  - Graceful degradation and improved prioritization of audio video streams•

  - Interworking with relevant 802.1AVB mechanisms (802.1Qat, 802.1Qav, 802.1AS)

802.11 EC Motion – Conditional Approval to send P802.11aa to Sponsor Ballot

- **Grant conditional approval to forward P802.11aa to Sponsor Ballot.**

- **Moved: Bruce Kraemer   2nd: Jon Rosdahl**
  - Yes   No   Abstain

- **Report: 11-11/1005r3**

Working Group 11 vote on the Motion Passed: 48,0,0

P802.11aa Report to EC on Conditional Approval to go to Sponsor Ballot

Date: 2011-07-22

Authors:

| Name	Company	Address	Phone	email
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Introduction

This document contains the report to the IEEE 802 Executive Committee in support of a request for conditional approval to send IEEE P802.11aa to Sponsor Ballot.

This document was approved during the closing plenary session of the 802.11 working group on July 22, 2011.

    Passed in the Task Group 8-0-0

    Passed in the Working Group 48-0-0

P802.11aa Stability
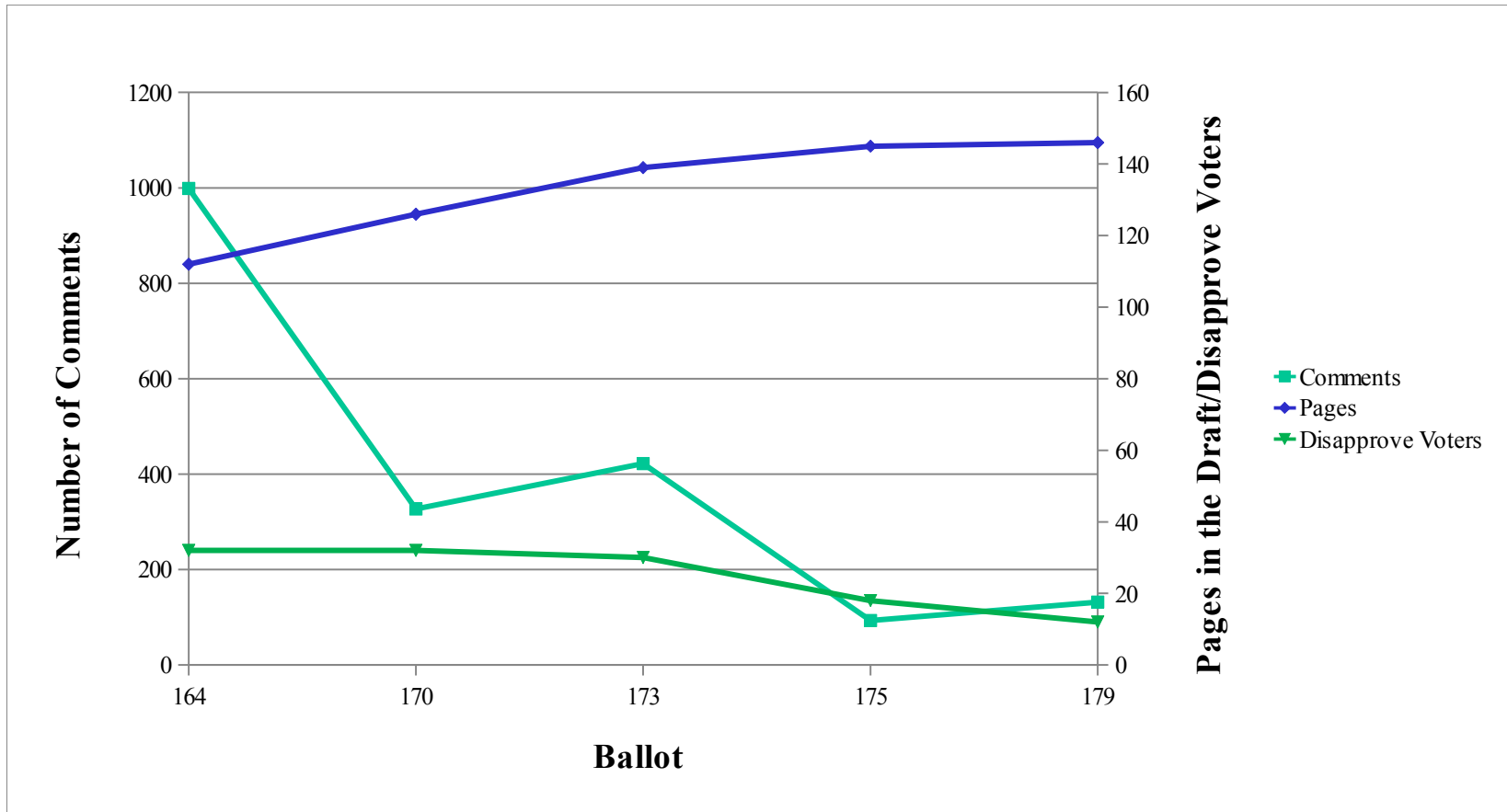
802.11 WG Letter Ballot Results – P802.11aa

Ballot ID	Ballot Close Date	Title	Pool	Return	%Return	Abstain	% Abstain	Approve	Disapprove	%Approve
164	10 July 2010	Technical Letter Ballot Draft1.0	257	180	70.74	37	20.56	112	31	78.32
170	08 Dec 2010	I Recirculation Letter Ballot Draft 2.0	257	185	71.98	36	19.46	117	32	78.52
173	24 Feb 2011	II Recirculation Ballot Draft 3.0	257	194	75,49	37	19.07	127	30	80.89
175	09 Apr 2011	III Recirculation Ballot Draft 4.0	257	195	75.8	37	19.0	135	23	85.4
179	17 Jun 2011	IV Recirculation Ballot Draft 5.0	257	196	76.3	39	19.9	142	15	90.4
179.1	20 July 2011	Post IV Recirculation Ballot update	257	196	76.3	39	19.9	144	13	91.72

Unsatisfied comments by commenter

Name	LB164	LB170	LB173	LB175	LB179	Total
Raja Banerjea	7	5	8	5		25
Wynona Jacobs			1			1
Paul Lambert	2					2
Andrew Myles				1		1
Henry Ptasinski	1	4			12	17
Robert Stacey					1	1
Adrian Stephens					1	1
Hongyuan Zhang			1			1
Total	10	9	10	6	14	49

Unsatisfied Comments – Topics

Topic	#Comments
Overlapping BSS	6
Groupcast with Retries	32
Stream Classification Service	8
Interworking	0
Miscellaneous (Editorial)	3
Total	**49**

Disapprove Voters

	Name
1	Raja Banerjea
2	Matthew Fischer
3	David Goodall
4	Chris Hansen
5	Brian Hart
6	Wynona Jacobs
7	Paul Lambert
8	Andrew Myles
9	Henry Ptasinski
10	Robert Stacey
11	Adrian Stephens
12	Qi Wang
13	Hongyuan Zhang

Unsatisfied comments

The composite of all unsatisfied comments and the resolutions approved during working group ballot may be found in document: 11-11-1070-02, a copy of this is attached.

  Double click on the icon to the right to open this.

A copy of the unsatisfied comments presented using MyBallot access database report format is attached.
  Double click on the icon to the right to open this.

TGaa Timeline

	Open	Close
Fifth WG Ballot (D6.0)	29-Jul-11	13-Aug-11
Clean recirculation (D6.0)	23-Aug-11	02-Sep-11
Pool formation	15-May-11	30-Jun-11
First sponsor ballot	07-Sep-11	17-Oct-11
Second sponsor ballot	14-Nov-11	29-Nov-11
Third sponsor ballot	05-Dec-11	20-Dec-11
Fourth sponsor ballot	20-Jan-12	04-Feb-12
EC to RevCom	Mar-12	
RevCom to SB	Jun-12	

802.11 EC Motion – Conditional Approval to send P802.11aa to Sponsor Ballot

Motion:
Grant conditional approval to forward P802.11aa to Sponsor Ballot.
Moved: Bruce Kraemer   2nd: Jon Rosdahl
Yes   No   Abstain

Working Group 11 vote on the Motion Passed: <for> y, <against> n, <abstain> a

Kraemer presented 11-11-11093-01, slides 7-8

Motion is Grant conditional approval to forward P802.11ae to Sponsor Ballot.

Moved by Kraemer, seconded by Rosdahl

Vote is 15/0/0, motion passes

P802.11ae

- **Prioritization of management frames**

- **Defines mechanisms for prioritizing IEEE 802.11 management frames.**

- **Reduces the impact of management traffic on latency and power-sensitive applications.**

802.11 EC Motion –Conditional Approval to send P802.11ae to Sponsor Ballot

- **Grant conditional approval to forward P802.11ae to Sponsor Ballot.**

- **Moved: Bruce Kraemer   2nd: Jon Rosdahl**
  - Yes   No   Abstain

- **Report: 11-11/0962r3**

Working Group 11 vote on the Motion Passed: 47,0,0

Kraemer presented 11-11-11093-01, slides 3-4

Motion is Approve sending P802.11s D12.0 to RevCom.

Moved by Kraemer, seconded by Rosdahl

Vote is 15/0/0, motion passes

P802.11s

- **Mesh network amendment**

- **Describes a Mesh network using the IEEE 802.11 MAC/PHY layers that supports both broadcast/multicast and unicast delivery over self-configuring multi-hop topologies.**

802.11 EC Motion –Approval to send P802.11s to RevCom

- **Approve sending P802.11s D12.0 to RevCom.**

- **Moved: Bruce Kraemer Second: Jon Rosdahl**

- **Report: 11-11/0990r3**

- **Working Group vote on the motion passed: 48,0,0**

Heile presented 15-11-0555-00, slides 3-4

Motion is Move the EC approve forwarding the 802.15.4m PAR contained in 802.15 doc 15-11-0337-06-0000 (337r5 with applied additional edits to 5.3 and 5.6) to NesCom

Moved by Heile, seconded by Gilb

Vote 14/0/1, motion passes

802.15.4m PAR Comments Additional Actions

- Responses to received comments in Doc 529r0
  https://mentor.ieee.org/802.15/dcn/11/15-11-0529-00-04tv-comments-and-responses-for-4tv-par-and-5c.ppt

- Modified PAR in Doc 337r5

  https://mentor.ieee.org/802.15/dcn/11/15-11-0337-05-04tv-sg4tv-draft-par.doc

- Additional Edits:
  - In 5.3 replace PAWS with Protocol to Access White Space database (*PAWS*)
  - In 5.6 correct typo: Change provideres to providers

Motion to the EC on 802.15.4m PAR

- Move the EC approve forwarding the 802.15.4m PAR contained in 802.15 doc 15-11-0337-06-0000 (337r5 with applied additional edits to 5.3 and 5.6) to NesCom

- Passed in WG 75-0-0

Moved: Bob Heile

Second: James Gilb

Heile presented 15-11-0555-00, slides 6-10

Motion is 802.15 requests approval from the EC to submit 802.15.4e IEEEP802.15.4e-d6, draft to Sponsor Ballot.

Moved by Heile, seconded by Gilb

Vote 15/0/0, motion passes

802.15.4e to Sponsor Ballot
July, 2011
Hyatt Regency San Francisco, San Francisco, CA

802.15.4e Ballot History

Initial Ballot (pool of 217 voters, closed 7 Nov 2010)

- 164 Responses (75.6%)
- Yes 128 (83.7%), No 25, Abstain 11 (6.7%)
- 858 comments submitted

First Recirculation (closed 12 Mar 2011)

- 177 aggregate responses
- Yes 150, No 15, Abstain 12
- 304 comments submitted

Second Recirculation (closed 6 May 2011)

- 179 aggregate responses
- Yes 158, No 9, Abstain 12
- 91 comments submitted

Third Recirculation (closed 22 Jun 2011)

- 180 aggregate responses (83%)
- Yes 165 (98.2%), No 3, Abstain 12 (6.7%)
- No comments submitted

802.15.4e Ballot History

- After 3 recirculations following the initial letter ballot, there were 3 remaining "No Voters" with a total of 134 comments from all ballots marked "must be satisfied"
    - No comments were received from the last recirculation

- Full comment details in doc 15-11-0443-01-004e

15.4e Comments supporting no votes

- No voter #1 (Cypher, NIST, 40 comments):
  - All comments (editorial) accepted or accepted in principle
  - Cypher did not vote on last two recirculations
- No voter #2 (Bahr, Siemens, 10 comments):
  - 3 comments accepted or accepted in principle
  - 7 comments were rejected (comments were on information element structure)
  - Bahr did not vote on last two recirculations
  - No response to email request from BRC chair
- No voter #3 (Struik, independent, 84 comments):
  - 36 comments were accepted or accepted in principle
  - 48 comments were rejected (only 19 are unique since 29 of these comments were resubmittals of rejected comments from earlier letter ballots)
  - Struik did not vote on last recirculation

802.15.4e EC motion

- 802.15 requests approval from the EC to submit 802.15.4e draft to Sponsor Ballot.

WG vote (55, 0, 0)

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

Heile presented 15-11-0555-00, slides 11-17

Motion is 802.15 requests approval from the EC to submit 802.15.4f draft, d5P802-15-4f-Draft-Standard, to Sponsor Ballot.

Moved by Heile, seconded by Gilb

Vote 15/0/0, motion passes

802.15.4f to Sponsor Ballot
July, 2011
Hyatt Regency San Francisco,
San Francisco, CA

802.15.4f Ballot History

Initial Ballot (pool of 208 voters, closed 14 Dec 2010)

- 171 Responses (82.21%)
- Yes 132 (85.16%), No 23, Abstain 16 (9.36%)
- 332 comments submitted

First Recirculation (closed 10 Mar 2011)

- 181 aggregate responses (87.02%)
- Yes 160, No 9, Abstain 12 (6.63%)
- 219 comments submitted

Second Recirculation (closed 5 May 2011)

- 184 aggregate responses (88.04%)
- Yes 167, No 7, Abstain 10 (5.43%)
- 63 comments submitted

Third Recirculation (closed 28 May 2011)

- 185 aggregate responses (88.52%)
- Yes 169 (96.57%), No 6, Abstain 10 (5.41%)
- 26 comments submitted

802.15.4f Ballot History - Continued

Fourth Recirculation (closed 27 Jun 2011)

- 185 aggregate responses (88.52%)

- Yes 170 (97.14%), No 5, Abstain 10 (5.14%)

- 15 comments submitted

Fith Recirculation of Unchanged Draft (closed 15 Jul 2011)

- 185 aggregate responses (88.52%)

- Yes 170 (97.14%), No 5, Abstain 10 (5.14%)

- 1 "must be satisfied" comment submitted (repeat duplicate comment from 4th recirc)

802.15.4f Ballot History - Summary

- After 5 recirculations following the initial letter ballot, there are 5 remaining "No Voters" with a total of 74 "must be satisfied" comments from all ballots
  - The one comment received during the last recirculation was a repeat comment that was previously addressed
- Full comment details in doc 15-11-0547-00-004f

15.4f Comments supporting 'NO' votes

- No voter #1 (Li, NICT, 30 comments):
  - 21 comments accepted or accepted in principle
  - 9 comments were rejected (variety of subject matter with some repeat comments)
  - Li did not vote on last recirculation
  - Responded to email requests from BRC chair
- No voter #2 (Dotlic, NICT, 5 comments):
  - 5 comments were rejected (All 5 are on T-Pulse duration)
  - Dotlic did vote on last recirculation
  - Responded to email requests from BRC chair
- No voter #3 (Hernandez, NICT, 7 comments):
  - 7 comments were rejected (variety of subject matter with some repeat comments)
  - Hernandez did not vote on last recirculation
  - Responded to email requests from BRC chair

15.4f Comments supporting 'NO' votes - Continued

- No voter #4 (Kohno, NICT, 22 comments):
  - 4 comments accepted or accepted in principle
  - 18 comments were rejected (variety of subject matter with some repeat comments)
  - Kohno did not vote on last recirculation
  - No response to email request from BRC chair
- No voter #5 (Ouvry, CEA-Leti, 10 comments):
  - 3 comments accepted or accepted in principle
  - 7 comments were rejected (variety of subject matter with some repeat comments)
  - Ouvry did not vote on last recirculation
  - No response to email request from BRC chair

802.15.4f EC motion

- 802.15 requests approval from the EC to submit 802.15.4f draft, *d5P802-15-4f-Draft-Standard,* to Sponsor Ballot.

WG vote (63, 0, 1)

- Moved: Heile,
- Second: Gilb

Heile presented 15-11-0555-00, slides 18-23

Motion is 802.15 requests approval from the EC to submit 802.15.4g draft, D5P802-15-4g_Draft_Standard.pdf, to Sponsor Ballot.

Moved by Heile, seconded by Gilb

Vote 15/0/0, motion passes

802.15.4g to Sponsor Ballot
July, 2011
Hyatt Regency San Francisco,
San Francisco, CA

802.15.4g Ballot History

Initial Ballot (pool of 217 voters, closed 4 Nov 2010)

- 186 Responses (85.7%)
- Yes 156 (87.6%), No 22, Abstain 8 (4.3%)
- 1196 comments submitted

First Recirculation (closed 8 Mar 2011)

- 191 aggregate responses (88.0%)
- Yes 162 (88.0%), No 22, Abstain 7 (3.7%)
- 545 comments submitted

Second Recirculation (closed 29 April 2011)

- 192 aggregate responses (88.5%)
- Yes 171 (92.4%), No 14, Abstain 7 (3.7%)
- 226 comments submitted

Third Recirculation (closed 11 Jun 2011)

- 192 aggregate responses (88.5%)
- Yes 177 (95.7%), No 8, Abstain 7 (3.7%)
- 4 repeat comments submitted, 0 "must be satisfied"s

802.15.4g Ballot History

- After 3 recirculations following the initial letter ballot, there were 8 remaining "No" voters with 35 comments marked "must be satisfied"

- 4 of these "No" voters have since changed their vote to Yes and were satisfied with the resolutions to a total of 9 comments

- 2 of the remaining "No" voters were satisfied with the resolutions to a total of 18 comments.

- Final Tally: There are 4 remaining "No" voters with a total of 8 unsatisfied comments.

- Full comment details in doc 15-11-0447-00-004g

15.4g Comments supporting No votes (Part 1)

- No voter #1 (Bahr, Siemens, 4 comments from 2nd recirc):
  - All comments (20) from initial ballot accepted (1), accepted in principle (16), rejected (3)
  - All comments (29) from first recirc accepted (4), accepted in principle (16), rejected (9)
  - Bahr did not vote on last recirculation
  - Bahr is still dissatisfied with 4 comment resolutions.
    - 3 comments questioning use of enhanced ACK – accepted in principle
    - 1 comment questioning wording in description of additional PHY modes – rejected
- No voter #2 (West, Landis & Gyr):
  - 1 comment was rejected on initial Letter Ballot
    - Comment concerned mandatory data rate support
  - West did not vote on last 3 recirculations
  - West responded to email from chair and is dissatisfied with resolution

15.4g Comments supporting no votes (Part 2)

- No voter #3 (Cypher, NIST):
  - 1 comment from initial ballot was rejected.
  - All comments (3) from first recirc accepted in principle (1) or rejected (2)
  - Cipher did not vote on last 2 recirculations
  - Cipher is still dissatisfied with 2 comment resolutions.
    - 1 comment questioning when common signaling mode is mandatory / optional – accepted in principle
    - 1 comment questioning alternate PHY support – rejected
- No voter #4 (Kinney, Kinney Consulting):
  - All comments (17) from initial ballot accepted (2), accepted in principle (13), rejected (2)
  - 1 comments from first recirc rejected
  - Kinney did not vote on last 2 recirculations
  - Kinney is still dissatisfied with 1 comment resolution.
    - 1 comment questioning frequency tolerance - rejected

802.15.4g EC motion

- 802.15 requests approval from the EC to submit 802.15.4g draft, D5P802-15-4g_Draft_Standard.pdf, to Sponsor Ballot.

WG vote (67, 0, 0)

- – Moved Heile,
- – Seconded Gilb

Heile presented 15-11-0555-00, slides 24-30

Motion is 802.15 requests unconditional approval from the EC to submit 802.15.6 draft (d04P802-15-6_Draft_Standard.pdf) to Sponsor Ballot..

Moved by Heile, seconded by Gilb

Vote 15/0/0, motion passes

802.15.6 to Sponsor Ballot

July 2011
Hyatt Regency San Francisco,
San Francisco, CA

802.15.6 Ballot History

Initial Ballot LB55 draft 01 (pool of 199 voters, closed July 8, 2010)

• 173 Responses (86.93%)

• Yes 122 (76.7%), No 37, Abstain 14 (8.09%)

• 2281 comments submitted

First Recirculation LB 66 draft 02 (closed January 2, 2011)

• 177 aggregate responses

• Yes 138 (88.94%), No 25, Abstain 14 (7.91%)

• 578 comments submitted

Second Recirculation LB71 draft 03 (closed May 5, 2011)

• 179 aggregate responses

• Yes 145 (89.95%), No 20, Abstain 14 (7.82%)

• 253 comments submitted

Third Recirculation LB76 **draft 04** (closed June 15, 2011)

• 180 aggregate responses (90.45%)

• Yes 153 (90.53%), No 16, Abstain 11 (6.11%)

• 53 comments submitted, all rejected.

Fourth Recirculation (unchanged draft) LB79 **draft 04** (closed July 13, 2011)

• 181 aggregate responses (90.95%)

• Yes 154 (90.95%), No 16, Abstain 11 (6.08%)

• 9 comments submitted (2 of which were "must be satisfied"s, all repeats- all rejected

802.15.6 Ballot History

- After 4 recirculations following the initial letter ballot, there were 16 remaining "No Voters" with a total of 625 "must be satisfied"comments from all ballots
  - Of these, 398 has been accepted or accepted in principle
  - It is noted that during the recirculation effort, 15 "No Voters" became "non responsive" (missed two or more recircs) accounting for 522 comments
  - Full comment details in doc 15-11-0539-02-0006
- MEC has been addressed
- After the last recirculation, one "No Voter" (Shellhammer) changed his vote to "Approve" reducing the total number of "must be satisfied" comments from all ballots to 619.

Summary of "non responsive" voter's comments (1)

No voter #1 (Verso, DecaWave, 4 comments):
 2 comments were accepted
 2 comments were rejected
 Verso did not vote on last three recirculations
No voter #2 (Connell, DecaWave, 2 comments):
 2 comments were rejected
No voter #3 (Cypher, NIST, 120 comments):
 117 comments were accepted or accepted in principle
 3 comments were rejected
No voter #4 (Ouvry, CEA-Leti, 26 comments)
 23 comments accepted
 3 comments rejected
No voter #5 (Olson, Landis+Gyr, 3 comments)
 3 comments accepted
No voter #6 (Sagan, Zarlink, 154 comments):
 98 Comments were accepted or accepted in principle
 56 comments were rejected
No voter #7 (Miniutti, NICTA, 2 comments):
 1 comment accepted in principle
 1 comment was rejected

Summary of "non responsive" voter's comments (2)

No voter #8 (Monnerie, Landis+Gyr, 3 comments)
    3 comment were accepted
No voter #9 (Van Wyk, Itron, 1 comment):
    1 comment was accepted
No voter #10 (Kim, ETRI, 14 comments)
    9 comments accepted or accepted in principle
    5 comments rejected
No voter #11 (Gilb, SiBeam, 35 comments)
    29 comments accepted or accepted in principle
    6 comments rejected
No voter #12 (McLaughlin, DecaWave, 12 comments):
    9 comments were accepted or accepted in principle
    3 comments were rejected
No voter #13 (Struik, independent, 126 comments):
    7 comments were accepted or accepted in principle
    119 comments were rejected
No voter #14 (Shellhammer, Qualcomm, 6 comments):
    6 comments were accepted
No voter #15 (Bae, Samsung, 14 comments):
    11 comments were accepted or accepted in principle
    3 comments were rejected

Summary of "responsive" voter's comments

No voter #16 (Farlow, Medtronics, 103 comments):

76 comments accepted or accepted in principle
27 comments on various topics were rejected

Actions on all comments have been circulated

802.15.6 EC motion

802.15 requests unconditional approval from the EC to submit 802.15.6 draft *(d04P802-15-6_Draft_Standard.pdf*) to Sponsor Ballot.

WG vote (66, 1, 0)
- – Moved Heile
- – Second Gilb

Heile presented 15-11-0555-00, slide 5

Motion is Move that the EC approve forwarding the request to withdraw 802.15.4h Corr1 to NesCom

Moved by Heile, seconded by Gilb

Vote 15/0/0, motion passes

802.15.4h PAR Withdrawal

Content of this PAR was included is Roll-up completed June 15, 2011.

Move that the EC approve forwarding the request to withdraw 802.15.4h Corr1 to NesCom

(WG Vote: 24-0-0)

Moved: Bob Heile

Second: James Gilb

6.00

Executive Committee Study Groups, Working Groups, TAGs

6.01   **MI**   **802.22 TV Whitespace WRAN smart grid and critical infrastructure monitoring (new)**   **Mody**   **5**   **03:32 PM**

Mody presents 22-11-0087-03, slides 10-12

Motion is Move that the EC approves the formation of the Regional Area Smart Grid and Critical Infrastructure Monitoring Study Group under the IEEE 802.22 Working Group.

Nikolich asked if this would be an amendment.

Mody said yes.

Marks thanked Mody for bringing the SG chair's name as part of the documentation.

Moved by Mody, seconded by Sherman

Vote is 15/0/0, motion passes

Motion #3

Motion for Approve Regional Area Smart Grid and Critical Infrastructure Monitoring Study Group

IEEE P802.22a PAR and 5C

IEEE 802.22 Working Group Motions Approving 802.22 Study Group: https://mentor.ieee.org/802.22/dcn/11/22-11-0086-00-0000-july-plenary-working-group-motions.doc

IEEE 802.22 WG Motion 15:

Motion to Re-affirm the Motion 6 passed during the IEEE 2011 May Interim Meeting:

--

IEEE 802.22 WG Motion 6, 2011 May Interim:

Move: To launch a study group during the July 2011 Plenary meeting to develop a TV Whitespace wireless regional area networks smart grid and/ or critical infrastructure monitoring use case and to inform the WG of their recommendations and findings leading up to one or more tutorials and one or more PAR/5C. Mohammad Aziz Rahman (NICT), to be the interim study group Chair.

 Move: Zhang Xin, Second: Gerald Chouinard, For: 9, Against: 0, Abstain: 1

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Move: Gerald Chouinard, Second: Lei Zhongding, For: 12, Against: 0, Abstain: 0

IEEE P802.22a PAR and 5C

Executive Committee Motion

Move that the EC approves the formation of the Regional Area Smart Grid and Critical Infrastructure Monitoring Study Group under the IEEE 802.22 Working Group.

Move: Apurva N. Mody

Second:

For:

Against:

Abstain:

Law presents 802d3_0711_closing_EC.pdf, slide 6

The motion is that the LMSC Executive Committee grants an extension to the IEEE 802.3 100 Gb/s Ethernet electrical backplane and copper cable assemblies

Moved by Law, seconded by Grow.

Vote is 15/0/0, motion passes

IEEE 802.3 100 Gb/s Ethernet electrical backplane and copper cable assemblies (2nd extension)

- The LMSC Executive Committee grants an extension to the IEEE 802.3 100 Gb/s Ethernet electrical backplane and copper cable assemblies

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

  Working Group vote:
  Y: 76, N: 0, A: 0

Law presents 802d3_0711_closing_EC.pdf, slide 8

The motion is The LMSC Executive Committee grants approval for the formation of the Next generation 100 Gb/s Ethernet optical interfaces Study Group within IEEE 802.3

Moved by Law, seconded by Grow.

Vote is 15/0/0, motion passes

IEEE 802.3 Next generation 100 Gb/s Ethernet optical interfaces Study Group

Motion:

The LMSC Executive Committee grants approval for the formation of the Next generation 100 Gb/s Ethernet optical interfaces Study Group within IEEE 802.3

M: D Law, S:

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

156 CFI attendees, 109 interested in participating

Working Group vote:

Y: 74 N: 0 A: 1

Law presents 802d3_0711_closing_EC.pdf, slide 10

The motion is The LMSC Executive Committee grants approval for the formation of the Extended Ethernet Passive Optical Networks (EPON) within IEEE 802.3

Moved by Law, seconded by Grow.

Sherman pointed out that it should include study group in the motion.

Motion now reads: The LMSC Executive Committee grants approval for the formation of the Extended Ethernet Passive Optical Networks (EPON) study group within IEEE 802.3

Vote is 14/0/0, motion passes

IEEE 802.3 Extended Ethernet Passive Optical Networks (EPON) Study Group

Motion:

The LMSC Executive Committee grants approval for the formation of the Extended Ethernet Passive Optical Networks (EPON) within IEEE 802.3

M: D Law, S:

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

~100 CFI attendees, 16 interested in participating

Working Group vote:

Y: 41 N: 0 A: 16

Heile presented 15-11-0555-00 slides 32-33

Motion is Move that the EC approve the extension of the PSC Study Group for another cycle

Moved by Heile, seconded by Gilb

Thaler asked for the acronym to be spelled out in the motion.

The motion now reads Move that the EC approve the extension of the Personal Space Communications (PSC) Study Group for another cycle

Grow said that he is bothered by this. He had heard that they were discussing patent issues, which is not allowed. It sounds like they were too much involved in a technical solution. How do we know that this study group is being properly run and managed within the IEEE process.

Heile asked how we can know that any SG is run properly in the IEEE process.

Nikolich asked if it was the same SG chair.

Heile said no, it is all new people. The chair is Myung Lee, who chaired 802.15.5.

Law asked if the SG had made a technology selection.

Heile said that the SG had not made a technology selection.

Grow asked for the level of participation in the study group.

Heile said that he saw about 15 individual with likely 10 different affiliations.

Vote is 14/1/0, motion passes

PSC Study Group Extension

- History
  - First approved in March 2010
  - Proposed approach based on approach developed by the PicoCast Forum.
  - PicoCast agreed to make any IPR available royalty free
  - Draft PAR was submitted in Nov 2010 but tabled by the EC for procedural reasons
  - In March 2011 PicoCast withdrew from the Study Group and revoked its IPR offer
  - Activity reset in Singapore around a more MAC/PHY focused team

PSC Study Group Extension

- Move that the EC approve the extension of the PSC Study Group for another cycle

(WG vote 36-0-7)

Moved: Bob Heile

Second: James Gilb

Heile presented 15-11-0555-00 slide 34

Motion is Move that the EC approve the extension of the 4TV Study Group for another cycle

Moved by Heile, seconded by Gilb

Vote is 15/0/0, motion passes

4TV Study Group -- TVWS amendment to 15.4 - Contingency Extension

- Move that the EC approve the extension of the 4TV Study Group for another cycle

(WG vote 37-0-2)

Moved: Bob Heile

Second: James Gilb

7.00		**LMSC Liaisons and External Interface**			
7.01	ME	802.22 press release, document 802.22-2011_press_release.pdf	**Mody**	**5**	**03:54 PM**

Mody presented 22-11-0087-03, slides 3-4.

Motion is Move that the EC approves the P802.22 Press Release as circulated to the IEEE SA and to the 802 EC. The contents of the Press Release can be found in Document 22-11-0062 Rev 3 (https://mentor.ieee.org/802.22/dcn/11/22-11-0062-03-0000-ieee-802-22-press-release.doc)

Moved by Mody, seconded by Das

Vote is 13/1/0, motion passes

IEEE P802.22a PAR and 5C

IEEE 802.22 Working Group Motions Approving 802.22 Press Release:
https://mentor.ieee.org/802.22/dcn/11/22-11-0086-00-0000-july-plenary-working-g

IEEE 802.22 WG Motion 5:

Move to approve the text of document 22-11-0062r3 (
https://mentor.ieee.org/802.22/dcn/11/22-11-0062-03-0000-ieee-802-22-press-relea
) as 802.22 Press Release.

Mover: Jerry Kalke

Seconder: Tom Gurley

For: 8

Against: 0

Abstain: 0

IEEE P802.22 Press Release

Executive Committee Motion

Move that the EC approves the P802.22 Press Release as circulated to the IEEE SA and to the 802 EC. The contents of the Press Release can be found in Document 22-11-0062 Rev 3 (

https://mentor.ieee.org/802.22/dcn/11/22-11-0062-03-0000-ieee-802-22-p

)

Move: Apurva N. Mody

Second:

For:

Against:

Abstain:

	ME*	**Liaison letter to ITU-T Study Group 5 Ethernet port isolation liaison request**	**Law**		

Approved as part of the consent agenda.

7.03	**ME***	**Approve contribution 18-11-0063-01 to ITU**	**Lynch**		

Approved as part of the consent agenda.

7.04	**ME***	**Approve contribution 18-11-0064-01 to ITU**	**Lynch**		

Approved as part of the consent agneda.

7.05	**ME***	**Approve contribution 18-11-0067-01 to ITU**	**Lynch**		

Approved as part of the consent agenda.

7.06	**ME***	**Approve contribution 18-11-0065-01 to ITU**	**Lynch**		

Approved as part of the consent agenda.

8.00		**IEEE SA items**			
8.02	II	Recap of IEEE Senior Staff participation/engagement	Nikolich/McCabe	10	03:58 PM

Nikolich spoke regarding the meeting with IEEE Senior Staff. He felt that it was very beneficial and we were able to resolve many problems.

Marks said that issues for his group were resolved quickly and he was pleased.

McCabe received an ovation in recognition.

9.00		**Information Items**			
9.01	II	Plan for conference call on electronic tools	Thaler	5	04:02 PM

Thaler said that the 10 am meeting did not have any attendees. She will have a discussion on the reflector to set up a conference call.

9.02	II	Update on upcoming venues – Geneva, July 2013	Rigsbee	5	04:08 PM

Rigsbee presented ITU-T 2013 v1.pdf

Proposal is for July 14-19, 2013

Law said that we have agreed to do a workshop 9 month prior with ITU. 802.3 is meeting Sept 24-29, 2012 in Geneva.

Thompson said that it is a great venue for interims. He asked what the arrangements would be for food.

Rigsbee said that we can pay for breakfasts and lunches. There are two cafeterias on-site that could be an alternative. There is a restriction in that we cannot charge a registration fee.

Marks asked if there was any detail for the wireless workshop.

Rigsbee said that this was open.

Jeffree said that the WG chairs should be involved in developing the workshop. He thinks that it is very important to have a focus for the workshop and details.

Messenger thinks that it is unlikely to get food for large number of people using their cafeterias.

Grow said if we support doing this, then there needs to be a commitment from the EC to develop the details for the workshop. It is very important for us to have a presence outside of the US.

Rosdahl said that we have a commitment for non-North American venues.

Marks said that perhaps the ITU-R event is WP5D, who we have worked with before. If so, then the workshop would have many good topics.

Law spoke in favor of going. However, there is a specific reason for the workshop in 2012. He doesn't want it to become an issue. He wants to make sure there is coordination.

Rigsbee asked if anyone would object to making this our first priority or should we go out to find more venues.

Kraemer said that many of us have already been to Geneva. He would prefer to get on with the question of going there and that we can work out the logistical issues.

Shellhammer asked if we could have a motion on this in November.

Rigsbee said that we should have a proposal by September.

Rosdahl said that we will add it to the agenda for the Oct. 4 call.

Marks asked for a realistic understanding of the room space as it is limited.

Straw poll is: Does anyone object to having ITU in Geneva as the prime option for 2013.

No objections were raised.

ITU / IEEE
Joint Hosting opportunity in Geneva, Switzerland

Glenn Parsons
glenn.parsons@ericsson.com

Collaboration

- In a spirit of cooperation, the ITU-T and IEEE jointly sponsor several activities on a topic of mutual interest.
  - Agreed by ITU-T TSB & IEEE-SA BOG in 2006
- Initial joint activity was 'Carrier Ethernet'
  - Co-locate with interim/plenary meetings
- Responsibility
  - ITU supplies ITU facilities & registration
  - IEEE-SA organization & sponsorship
  - Joint promotion of event
- Future joint activity to include ITU-R

Past Success

- Joint Workshop on Carrier-class Ethernet
  - May 31 - June 1, 2007
- Preceded by 802.1, .3 & .17 interim meetings
  - May 28-31, 2007
  - http://www.itu.int/ITU-T/worksem/cce/index.html
- Followed by ITU-T SG15 plenary
  - June 4-16, 2007

- Joint Workshop on Ethernet in Carrier environment
  - May 28, 2010
    http://www.itu.int/ITU-T/worksem/tfet/index.html
- Preceded by proposed ITU-T hosted 802.1 & 802.3 interim meetings
  - May 24-27 2010
- Followed by ITU-T SG15 plenary
  - May 31 -June 11, 2010

Location: ITU Headquarters
Geneva, Switzerland

ITU HQ
Room B

Joint Workshop on Carrier-class Ethernet
June 2007

Proposal

2013

- July 1-12   -   ITU-R event
- July 12-13   -   wireless workshop
- July 14-19   -   IEEE 802 plenary
- July 19-20   -   wired workshop
- July 22-Aug 2   -   ITU-T SG 15

ITU hosting

- Co-location of ITU-T and ITU-R meeting of relevance to IEEE 802
  - Organize workshops to promote collaboration between ITU and IEEE
- Access to ITU hotel rates
  - Discount rates on local hotels if booked directly
  - The meeting is not in a hotel, and there are no attached hotels
- Registration
  - Photos will be taken by ITU for each attendee
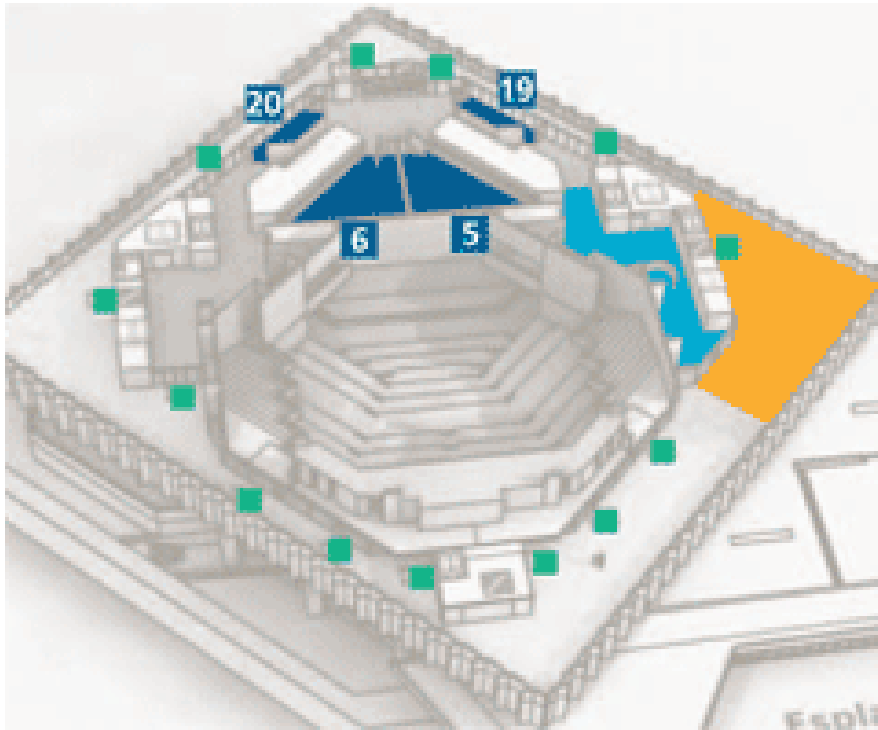 - Photo badges issued with access to all UN buildings

ITU Campus
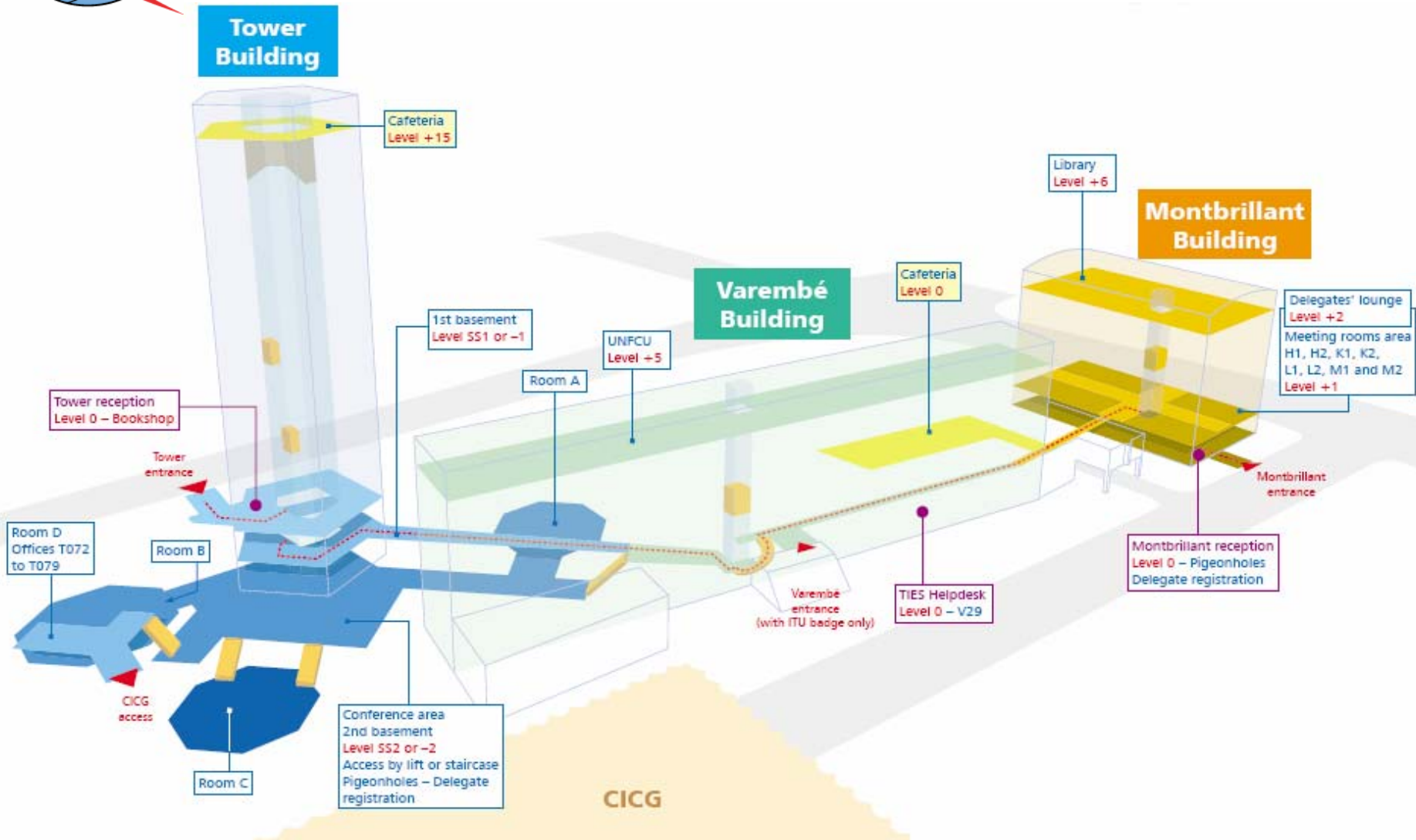
CICG/CCV layout

ITU & CICG/CCV meeting facilities

- Room allocation
  - No charge for room rental
    - ~20 in ITU and 20 in CICG/CCV – with translation facilities
  - Monitors and web display meeting room allocation
- Connectivity
  - 802.11b/g throughout campus
  - All rooms are classroom style rooms with projectors
  - 802.3 at every seat in most rooms
  - Power (swiss plug) at every seat
  - Microphones & headsets at every seat (allowing translation)
- 'Delegate area'
  - Common use computers & printers
  - Tables for informal discussions
- Eating
  - Two ITU Cafeterias & several vending machines
  - Two CICG Cafeterias
  - Cafeterias in other UN buildings

Location of ITU & CICG

Geneva, Switzerland

- Tourist information
  http://www.itu.int/travel/
  - Local language – French
  - Currency – Swiss Franc
- Airport (GVA)
  - Nonstop from New York, Washington & Montreal
  - Nonstop from all European hubs and many European cities
  - Bus or train (or taxi) to downtown
- ITU Preferential Hotels
  http://www.itu.int/travel/accommodations.asp?lang=en
  - Not all hotels are in Geneva…
- Getting to ITU
  - Walk (from 5 minutes, depending on hotel)
  - **Free** light rail or bus (several stations at ITU complex)
    http://www.tpg.ch/

Geneva sights

Around Geneva

Hotels in Geneva

- ITU Hotels
  http://www.itu.int/travel/accommodations.asp?lang=en
  - Independents   ~CHF 140
    - Suisse, Savoy, Alpes
  - Euro chains   ~CHF 200
    - Novotel, Manotel
  - International chains   ~CHF 280
    - Hilton, Intercontinental
- Location of hotels
  - Closest to ITU (Place des Nations) – 5 min walk
    - Intercontinental
  - Centre town (Paquis) – 15 min walk
    - Manotel, Novotel, Hilton
  - Near train station (Cornavin) – 20 min walk
    - Suisse, Savoy, Alpes, Cornavin, Warwick
  - Near airport – 40 min walk
    - Holiday Inn
- Process
  - Contact hotels directly (phone or email) and ask for ITU rate

Intercontinental

ITU
Mont
brillant

Manotel
Epsom

Manotel
Royal

Novotel

Warwick

Hilton

Suisse
Savoy

Cornavin

Geneva, Switzerland

Andrew Myles (Cisco Systems) presented 11-11-01091-00.

Thaler pointed out that 8802.2 is stabilized and does not require any updating.

Myles said that they will provide feedback for all the standards..

Messenger asked why we would stabilize 802.5 as it has been withdrawn.

Myles asked for this type of important input.

Thompson said that the context for 802.5 was different. In IEEE, there is no stabilization and requires work for which the LMSC was willing to commit.

Messenger said that there are complications in 802.1 from having to support 802.5 and with 802.5 being withdrawn, they do not have to support it again.

Law said that 802.3 discussed this and wants to know if it requires EC approval.

Nikolich said that the process is to inform Myles as he is the coordinator of these issues. It is clear that we need to coordinate ourselves better.

Law said that they have reached a consensus in 802.3 that they want to submit only revision to 8802.3. They would like to submit sponsor ballot drafts of revisions to JTC6.

Myles said that 802.11 is sending sponsor ballot drafts of the revision. They have received very few comments. He asked for Law to send a written description of the consensus which will become a liaison statement to ITU.

Myles confirmed that the PSDO process is an up/down vote, no comments.

Thompson said that he felt that there were many topics and the meeting was long. He thinks we need a more focused approach.

Myles encouraged 802 members to join their national bodies.

JTC1 ad hoc closing report (July 11)

Date: 2011-7-22

Authors:

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

Abstract

Closing report for JTC1 ad hoc
for July 2011, San Francisco

JTC1 ad hoc focused on reporting of recent SC6 meeting

- **Progress in San Francisco (July 2011)**
  - Welcomed guest
    - Chair of SC6 was present
  - Approved minutes from July in Palm Springs
    - 11/0955
  - Reviewed extended goals
    - Deals with 802 to SC6 issues
  - Reviewed SC6 meeting in San Diego
    - Review attendance
      - IEEE 802 delegation (8 people) & ten NBs
    - Review agenda
      - Many topics not related to 802 activities

JTC1 ad hoc focused on reporting of recent SC6 meeting

- **Progress in San Francisco (July 2011)**
  - Discussed proposed 8802 series withdrawal
    - Consensus of .1, .3, .11 participants that "international" is important & 802 should send standards to ISO as long as ISO does not amend our standards
    - 802.11 will not send 802.11-2007 as interim update because 802.11-2012 is very close to completion
  - Received WAPI report
    - WAPI still at NP stage & not at WD stage
    - A CRM will be held with 802 delegation in August, with the output to be considered by SC6 NBs in Feb 2012
    - Not clear on process for WAPI project approval

JTC1 ad hoc focused on reporting of recent SC6 meeting

- **Progress in San Francisco (July 2011)**
    - Received 802.1X/AE replacement report
        - Will ask what additional function provided by TePA?
        - Will need to review TePA in longer term
        - Not clear if proposal will proceed in SC6
    - Received 802.16 security replacement report
        - Not clear if proposal will proceed in SC6
    - Received 802.11 replacement report (Thursday)
        - Explained 802.11ac and critiqued N-UHT
        - Late news: N-UHT proposal will proceed in SC6
        - Late news: N-UHT is linked to 5GHz spectrum
        - Decided need to liaise 802.11ac to SC6 ASAP

IEEE 802 members are encouraged to participate in their SC6 NBs

- **SC6 P-Members**
  - **Korea - KATS**
  - Spain – AENOR
  - France – AFNOR
  - **USA – ANSI**
  - **UK – BSI**
  - **Germany – DIN**
  - Greece – ELOT
  - Russia - GOST R
  - Luxemburg – ILNAS
  - Tunisia – INNORPI

  - **Japan - JISC**
  - Kazakhstan – KAZMEMST
  - Kenya – KEBS
  - Belgium - NBN
  - **Netherlands – NEN**
  - **China – SAC**
  - **Canada – SCC**
  - **Finland – SFS**
  - Switzerland – SNV
  - Czech Republic - UNMZ

JTC1 ad hoc will review results of WAPI comment resolution in Okinawa

- **Plans for Okinawa (Sept 2011)**
  - Bruce Kraemer will be acting Chair
  - Review results of WAPI comments resolution meetings
  - Review possible liaison to SC6 regarding 8802 series
  - ...

Motion to empower HoD for WAPI teleconferences

- **Motion**
  - *The IEEE 802.11 WG Chair is authorised to appoint a delegation to the ISO/IEC JTC1/SC6/WG1 teleconference series to resolve comments on the WAPI NP proposal, and to approve any materials used by the delegation and positions proposed by the delegation*

- **Note: equivalent motion in ad hoc passed 21/0/0**

- **Moved:**

- **Seconded:**

Motion to liaise 802.11ac to SC6

- **Motion**
  - *The IEEE 802.11 WG approves the following text be liaised to SC6 by the 802.11 WG Chair*
    - *The IEEE 802.11 WG has previously committed to liaise Sponsor Ballot draft standards to ISO/IEC JTC1/SC6 to allow SC6 National Bodies an early opportunity to review standards that may be submitted to SC6 for ratification under the PSDO agreement.*
    - *However, the IEEE 802.11 WG understands that a Letter Ballot draft of IEEE 802.11ac may be of interest to the National Body members of ISO/IEC JTC1/SC6, particularly as they consider the proposal from the China National Body for a New Project to develop a standard for an alternate PHY and MAC addressing similar market requirements, similar techniques and the same targeted spectrum.*

Motion to empower 802.11ac to SC6

- *It is the intent of the IEEE 802.11 WG to liaise a version of the draft of IEEE 802.11ac as soon as the draft passes 802.11 Working Group Letter Ballot. The 802.11ac Task Group is projected to finalize a letter-ballot by year end 2011.*

- **Note: equivalent motion not considered in ad hoc**

- **Moved: Rolf deVegt**

- **Seconded: Andrew Myles**

| **9.06** | **II** | **Regulatory report** | **Lynch** | **10** | **04:58 PM** |

Lynch said that there was nothing to add to his Monday report

| **9.08** | **II** | **Executive secretary report** | **Rosdahl** | **5** | **04:58 PM** |

Rosdahl presented ec-11-0014-01, slide 4

9.06 - Executive Secretary report

- **Job description report:**
  - **Oversee the Meeting Manager and assist in LMSC sponsored activities and services.**
    - Have worked with Buzz and assisted in meeting logistics and services contract reviews.
  - **Test, Evaluate and explore tools, methods and means to improve the efficiency of LMSC meetings**.
    - Logistic improvements
      - Ongoing discussion with service providers
    - Technology can solve some but not all problems.
  - **Oversee maintenance of Sponsor Registration Database.**
    - No reported problems.

| 9.09 | II | 802 EC November 2011 Workshop update | Kraemer | 1 | 04:59 PM |

Kraemr said that he has issued a call for topics, but has no topics. He is re-issuing a call for topics.

| 9.10 | II | Appeals report | Gilb | 1 | 05:01 PM |

Gilb said that there is a person with an appeal, but at this point, this appears to be a technical appeal.

Grow said that the SA board does not hear technical appeals. The appeals on technical issues are handled at the Sponsor ballot process. The language in the SA operations manual describes technical appeals and that they will be heard by the Sponsor.

Law thinks we should change our P&P to say that we don't do technical appeals.

Sherman said that in the case where a standard does not fulfill the PAR, there should be an appeal.

Grow said that it was a procedural appeal. That the content of the PAR is consistent with the content of the draft.

Thaler said that we deal with these issues during the ballot.

Law said that one issue he is working in the standards board ad-hoc to change so that it is up to the ballot to determine if the standard meets the requirement of the PAR.

Mark asked about the material in the cover letter, does this mean the boiler plate that goes out from myBallot?

Law said yes.

| 9.11 | II | Network Services report | Alfvin | 2 | 05:10 PM |

Alfvin said that we had a 100 Mb/s pipe, burstable to 1 Gb/s. There are a couple of new projectors for demonstration.

| 10.00 | | ADJOURN SEC MEETING | Nikolich | | 06:00 PM |

Meeting adjourned at 5:11 pm

Respectfully submitted
James Gilb
IEEE 802 LMSC Recording Secretary