

AGENDA & MINUTES (Unconfirmed) - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING

Monday, July 16, 2007 – 8:00 a.m.

San Francisco, CA

- | | | |
|----|-------------------|--|
| 5 | Paul Nikolich | - Chair, IEEE 802 LAN / MAN Standards Committee |
| | Mat Sherman | - Vice Chair, IEEE 802 LAN / MAN Standards Committee |
| | Pat Thaler | - Vice Chair, IEEE 802 LAN / MAN Standards Committee |
| | Bob O'Hara | - Recording Secretary, IEEE 802 LAN / MAN Standards Committee |
| | Buzz Rigsbee | - Executive Secretary, IEEE 802 LAN / MAN Standards Committee |
| 10 | John Hawkins | - Treasurer, IEEE 802 LAN/MAN Standards Committee |
| | Tony Jeffree | - Chair, IEEE 802.1 – HILI Working Group |
| | Bob Grow | - Chair, IEEE 802.3 – CSMA/CD Working Group |
| | Stuart Kerry | - Chair, IEEE 802.11 – Wireless LANs Working Group |
| | Bob Heile | - Chair, IEEE 802.15 – Wireless PAN Working Group |
| 15 | Roger Marks | - Chair, IEEE 802.16 – Broadband Wireless Access Working Group |
| | John Lemon | - Chair, IEEE 802.17 – Resilient Packet Ring Working Group |
| | Mike Lynch | - Chair, IEEE 802.18 – Regulatory TAG |
| | Steve Shellhammer | - Chair, IEEE 802.19 – Wireless Coexistence TAG |
| | Arnie Greenspan | - Chair, IEEE 802.20 – Mobile Broadband Wireless Access |
| 20 | Vivek Gupta | - Chair, IEEE 802.21 – Media Independent Handover |
| | Carl Stevenson | - Chair, IEEE 802.22 – Wireless Regional Area Networks |
| | Geoff Thompson | - Member Emeritus (non-voting) |

1.00 MEETING CALLED TO ORDER - Nikolich 1 08:02 AM

25 Paul Nikolich opened the meeting, welcoming everyone to the plenary session.

2.00 MI APPROVE OR MODIFY AGENDA - Nikolich 4 08:01 AM

r09 DRAFT AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING
Monday 8:00AM -10:30AM

1.00 MEETING CALLED TO ORDER - Nikolich 1 08:00 AM

2.00 MI APPROVE OR MODIFY AGENDA - Nikolich 4 08:01 AM

3.00 * APPROVE / MODIFY MINUTES OF PREVIOUS MEETING - Nikolich 0 08:05 AM

- 08:05 AM

4.00 EC member affiliation updates - Nikolich 2 08:05 AM

4.01 - 08:07 AM

Category (* = consent agenda) **08:07 AM**

Stds Board items			
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08:07 AM

5.00 II Stds Board Actions (approved projects, standards, withdrawals) - Nikolich 2 08:07 AM

5.01 II - 08:09 AM

5.02 II PARS to NesCom - Nikolich 2 08:09 AM

5.03 II List of Drafts to Sponsor Ballot - Nikolich 2 08:11 AM

5.04	II	List of Drafts to Revcom	-	Nikolich	2	08:13 AM
5.05	II		-			08:15 AM
						08:15 AM
SA items						
6.00	II	IEEE Staff Introductions	-	Nikolich	2	08:15 AM
6.01	II	802 Task Force update	-	Nikolich	5	08:17 AM
6.02	II		-			08:22 AM
6.03	II	Get IEEE802 program update	-	Kenney	5	08:22 AM
6.04	II	802 attendance software	-	LaBelle/Camp	5	08:27 AM
6.05	II	Online Training Update	-	Thaler	5	08:32 AM
6.06	II	SA Staff Liaison – Update	-	Kipness	5	08:37 AM
6.07	II		-			08:42 AM
6.08	II		-			08:42 AM
6.09	II		-			08:42 AM
6.10	II		-			08:42 AM
LMSC items						
						08:42 AM
7.00	II	TREASURER'S REPORT	-	Hawkins	5	08:42 AM
7.01	II	802.20 Non-conflicted EC meeting notice	-	Nikolich	1	08:47 AM
7.02	II	LMSC Email Ballot Recap	-	Nikolich	5	08:48 AM
7.03	MI	LMSC Meeting Fee Waivers	-	Nikolich	2	08:53 AM
7.04	II	Tutorial schedule	-	Nikolich	5	08:55 AM
7.05	II	JTC1/SC6 update	-	Marks/Thompson	5	09:00 AM
7.06	II	China Liaison update	-	Marks	5	09:05 AM
7.07	II	P&P update	-	Sherman	15	09:10 AM
7.08	II		-			09:25 AM
7.09	II	notice of PARs under consideration	-	WG chairs	5	09:25 AM
7.10	II	notice of Study Groups under consideration	-	WG chairs	5	09:30 AM
7.11	II	Revised Opening Plenary update	-	Nikolich	2	09:35 AM
7.12	II	ARIB liaison request to 802.20 and other notices	-	Greenspan	1	09:37 AM
7.13	DT	Implementation of new patent policy/chair guidelines update	-	Law/Kerry	10	09:38 AM
7.14	II	Adapting to MyProject	-	Law/Grow	5	09:48 AM
7.15	II	Report on joint ITU-T Carrier Ethernet Workshop & Wired interim mtg	-	Parsons	5	09:53 AM
7.16	II	Working Group BKMs for process improvement	-	Grow	5	09:58 AM
7.17	II	Status update on 802 appeals	-	O'Hara	2	10:03 AM
7.18	II	Update on IMT Advanced activities	-	Lynch	5	10:05 AM
7.19	II	Update on M.1457	-	Lynch	5	10:10 AM
7.20	II	Response by AudCom	-	Nikolich	1	10:15 AM
7.21	II	Comment on conditional approval to forward a draft standard	-	Sherman	1	10:16 AM
7.22	II	Radio regulations – Japan	-	Kerry	1	10:17 AM
7.23	II		-			10:18 AM
7.24	II		-			10:18 AM
7.25	II		-			10:18 AM
7.26	II		-			10:18 AM
7.27	II		-			10:18 AM
7.28	II		-			10:18 AM

7.29	II		-			10:18 AM
7.30	II		-			10:18 AM
7.31	II		-			10:18 AM
7.32	II		-			10:18 AM
7.33	DT	EC meeting schedule (rules, SA, etc.)	-	Nikolich	3	10:18 AM
		ADJOURN SEC MEETING	-	Nikolich		10:21 AM
8.00	PL	IEEE 802 PLENARY MEETING STARTS	-	Nikolich	60	11:00 AM
8.01	PL	IEEE 802 PLENARY MEETING ENDS				12:00 PM

ME – Motion, External MI – Motion, Internal

DT- Discussion Topic II – Information Item

Special Orders

Motion: to approve the agenda as modified.

Moved: Rigsbee/Greenspan

Passes: 15/0/0

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3.00	*	APPROVE / MODIFY MINUTES OF PREVIOUS MEETING	-	Nikolich	0	
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Approved on the consent agenda.

4.00		EC member affiliation updates	-	Nikolich	2	08:05 AM
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Carl and Tony indicated that their affiliation information has changed. Both have been updated on the web site.

EC Affiliation Update

- Any changes of affiliation among EC members?
- Current roster of non-conflicted EC members wrt 802.20 matters
 - Paul Nikolich, John Hawkins, John Lemon, Mike Lynch, Arnie Greenspan, Geoff Thompson, Bob O'Hara, Buzz Rigsbee, Tony Jeffree, Bob Heile

4.01

-

Category (* = consent agenda)

Stds Board items

5.00 II

Stds Board Actions (approved projects, standards, withdrawals)

-

Nikolich

2

08:10 AM

MAR&JUN2007

SA Standards Board Actions

Standards Approved	March 2007	June 2007
New	<p>802.1ak/D8.0: Virtual Bridged Local Area Networks - Amendment 07: Multiple Registration Protocol</p> <p>802.3ap/D3.3: (CSMA/CD) Amendment: Ethernet Operation Over Electrical Backplanes</p> <p>802.15.4a/D7: Low-Rate WPAN: Amendment to add alternate PHY</p> <p>802.16k/D4: MAC Bridges - Amendment 2: Bridging of IEEE 802.16</p>	<p>802.16g/D9: Air Interface for Fixed and Mobile Broadband Wireless Access Systems - Amendment 3: Management Plane Procedures and Services</p> <p>+++DISAPPROVED+++</p>
Revision	none	none
Reaffirmation	802-2001: Overview and Architecture [Also 802a-2003 and 802b-2004]	none
Corrigendum	none	802.3-2005/Cor2/D2.0: (CSMA/CD) Corrigendum 2: IEEE Std 802.3an-2006 10GBASE-T Correction
Extension	none	none
Withdrawal	none	none

MAR 2007 & JUN 2007

SA Standards Board Actions

Projects Approved	March 2007	June 2007
New	<p>P802.1AX: Link Aggregation</p> <p>P802.11mb: WLAN Amendment: Accumulated maintenance changes</p>	<p>P802.1Qay: Virtual Bridged Local Area Networks - Amendment: Provider Backbone Bridge Traffic Engineering</p> <p>P802.17c: RPR Access Method and Physical Layer Specifications - Amendment: 2 – Protected Inter-Ring Connection</p>
Revisions	<p>P802.3: CSMA/CD Access Method and Physical Layer Specifications</p> <p>P802.16: - Air Interface for Broadband Wireless Access Systems</p>	none
Reaffirmations	none	none
Extensions	none	none
Withdrawal	none	none

Roger asked about the publication status of the approved standards. 802.15a is scheduled for this month. 802.16k is scheduled for next month. 802.1ak and 802.3ap have been published.

5 Roger indicated that RevCom rejected 802.16g, due to the handling of comments sent directly to the working group, outside of the MyBallot system. Geoff Thompson has been appointed as the RevCom mentor to guide the working group through the process.

5.01 II

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5.02 II PARS to NesCom

- Nikolich

2

08:23 AM

Draft PARs to NesCom

- **P802.3az:** Energy Efficient Ethernet
- **P802.11s:** Extended Service Set Mesh Networking PAR Modification
- **P802.11z:** Extensions to Direct Link Setup
- **P802.11n:** PAR Extension Request
- **P802.15.4c:** Amendment to support WPAN in China

Draft Standards to Sponsor Ballot

- 802.3—AX (conditional), 802.3 revision (conditional)
- 802.11r Roaming, 802.11y 3650MHz (conditional)
- 802.21 base draft standard (conditional)

Draft Standards to RevCom

- 802.16g (an extension request will be needed)

5.05 II

-

SA items

6.00 II

IEEE Staff Introductions

-

Nikolich

2

08:31 AM

IEEE Staff Introductions

- Karen Kenney: 802 Ombudsman and Associate Managing Director, Business Administration
- Michael Kipness: Program Manager, Technical Program Development
- Michelle Turner: Program Manager, Document Development
- Jennifer McClain: Managing Editor, Standards Information and Industry Publishing
- Esaleta Yearwood: Associate Product Manager
- Bob LaBelle: Manager, Networks and Telecommunications
- Clyde Camp: Staff support for myballot and myproject, Consultant
- Jim Baker: Primary programmer for attendance software app
- Angela Weaver: Senior Administrator, Registration Authority
- Audrey Grant: Administrative Assistant, Registration Authority
- Michael Lindsay: IEEE SA Counsel

Stuart thanked Bob LaBelle and his staff for the outstanding work they did creating and deploying the 802.11 document server.

6.01 II 802 Task Force update

- Nikolich

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08:33 AM

IEEE-SA/802 Task Force

Wednesday March 14th 1-3pm Start Time - 1:00 Adjourned - 2:43

Attendees: Clyde Camp, John Hawkins, Kim Breitfelder, Michelle Turner, Paul Nikolich, Bob Grow, David Law, Glenn Parsons, Jon Rosdahl, Buzz Rigsbee, Karen Kenney, Steve Mills

1) **Ombudsman feedback** -Kenney - no new updates – less than 100 hits – will keep running

2) **Get IEEE 802TM update** -Hawkins/Kenney –

Hawkins – meeting with Karen to discuss costs and brainstorm

3) **IEEE Audit Committee Response** : Hawkins is preparing a response for approval by EC

4) **Attendance Software update** – Camp – v9 spec will be ready Dec 15th. 802.11 and .15 will be Beta testers

Action Item: Camp to Consider adding the spec affiliation requirement into IMAT system

Milestones: July 07 Alpha .11.15, Sep 07 Beta .11.15, Nov 07 Beta all of 802, Mar 08 Production, Mar 09

Mandatory Use

5) **ITU-T Joint Workshop May 2007 – ITU and 802.1, .3 and .17**

Parsons – 300 attendees potentially, Runs May 31st and June 1st 5 Sessions: Access, Ethernet Transport,

Ethernet Bridging, Management, Synchronization

6) **mvBallot/mvProject update** – Kipness – Spoke about Manage Committee link and P&Ps into myProject

- No meeting held at June 2007 SASB series

IEEE-SA/802 Task Force tentative agenda

- Ombudsman feedback - Kenney
- Get IEEE 802™ update - Hawkins/Kenney
- Audit Committee response- Nikolich
- Attendance Software update - Labelle
- myBallot/myProject update – Kipness
- Other new business?

- Wednesday 1-3pm

6.02 II

-

6.03 II Get IEEE802 program update

- Kenney

5

08:34 AM

5 John Hawkins reported on the work analyzing the Get IEEE802 budget. He indicated that the work is progressing on understanding the expenses of the program. But, the work is continuing. He will be recommending the program continue as is, until further understanding is gained.

10 Karen Kenney indicates that the work done with 802 has been well received by the SA. SA is requesting that the methodology be fine tuned and then extended to other sponsor groups, e.g., software engineering, power engineering, national electrical code, to broaden the "GET" program.

Buzz indicated that the delay of availability of the standards in the program is detrimental to those that have use for the standards. This position is supported by Roger.

There will be an ad hoc meeting on Wednesday 10-11am. A continuance plan will need to be approved on Friday.

Get IEEE 802® Update 18 For LMSC July Plenary

Karen Kenney,
Associate Managing Director,
Business Administration

16 July 2007
San Francisco, CA



Downloads

- **Program to date** **3,026,194**
- **Year to date** **355,430**
- **Weekly average** **9,111**
- **Most requested**
 - **802.11™, .11a, .11b, .11i, .11g**
 - **802.3™**
 - **802.15.4**
 - **802.16, .16e**

Get **IEEE 802®** Update

User Type (Year to Date)

USER	Jan	Feb	Mar	Apr	May	YTD Total
Academic/Student:	18407	17846	20978	19377	17283	93,891
Attorney/Legal	298	211	272	181	307	1,269
Other:	6789	5576	111871	6222	6511	136,969
Network equipment manufacturer:	31407	4519	5282	5192	4986	51,386
Public network service provider:	3096	2909	3502	3381	2948	15,836
Network Software Developer/Manu	3407	3236	3517	3968	3494	17,622
Systems Administrator:	1860	1728	2070	1634	2013	9,305
Standards Developer:	1779	1621	1666	1668	1764	8,498
Network silicon manufacturer:	1054	1113	1148	1114	1036	5,465
Private network service provider:	1415	1276	1557	1393	1456	7,097
Government:	1231	999	1415	1296	1184	6,125
Journalist/Analyst/Author	373	324	487	346	437	1,967
Curious Citizen						-
Total	71,116	41,358	153,765	45,772	43,419	355,430

User Type (4/03-5/07)

USER	PTD Total
Academic/Student:	896,515
Attorney/Legal	2,939
Other:	438,136
Network equipment manufacturer:	265,203
Public network service provider:	150,941
Network Software Developer/Manufacturer	154,476
Systems Administrator:	114,187
Standards Developer:	80,658
Network silicon manufacturer:	60,348
Private network service provider:	71,648
Government:	66,065
Journalist/Analyst/Author	25,456
Curious Citizen	74
Total	2,326,646

Get *IEEE 802*® Update 18

Program Entries

Mar 2007 – Jul 2007

IEEE Std

On or about*

802.16 Conf. 4

16 July 2007

Approvals

<u>IEEE Std</u>	<u>Tentative Pub Date</u>
802.1ap	22 May 2007
802.1ak	22 Jun 2007
802.3/Cor 2	Not pub. sep incorp. into base
802.11	12 Jun 2007
802.15.4a	22 Jul 2007
802.16k	22 Aug 2007
802.17b	15 Jul 2007

Reminders/Updates

- **Preliminary financial analysis on expenses for 802 oversight – continued discussion this week**
- **Develop revenue recommendations for 2009 and beyond, TBD**
- **Recommend for 2008, status quo for Get IEEE802™**

Thank you

questions?



Project: IEEE P802 LAN/MAN Standards Committee

Submission Title: [Attendance Software Development Update]

Date Submitted: [15 July 2007]

Source: [James P. K. Gilb]

Company [SiBEAM]

Address [555 N Mathilda Ave Ste 100, Sunnyvale, CA 94085]

Voice: [¹+1 408 245 3120, ²+82-2-526-4065], FAX: [], E-Mail: [last name at ieee dot org]

Re: []

Abstract: [Status of attendance software development]

Purpose: []

Notice: This document has been prepared to assist the IEEE 802. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.

Release: The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by IEEE 802.

Introduction

- IMAT is IEEE developed attendance gathering software
- IEEE focal point for IMAT related issues is Clyde Camp
 - c dot camp at ieee dot org
- Test server is at <http://newton.events.ieee.org/imat/>

Schedule – next two meetings

- July 2007 – alpha test
 - 802.11 and 802.15 are target groups
 - Test only attendance interface (95% done)
 - Data may be compared with current system, but official attendance from current system
- September 2007 – pre-beta test
 - 802.11 and 802.15 are target groups
 - Full GUI for attendance and breakout scheduling.
 - Used for testing useability, attendance gathering and post processing

Schedule – future meetings

- November 2007 –beta test
 - Full test with all groups invited and encouraged
 - Management interface available for testing as well
- January 2008 – production
 - Some groups (at their choice) move primary attendance gathering to IMAT

802.15 status for July meeting

- 802.15: WG chair has requested that TG chairs put up the 802.15 home page at the start of every meeting
 - Shows link for attendance software and encourage members to double enter attendance.
 - Need IEEE Web ID to sign in.
 - Can be made up, won't be synced to master data base
 - In normal operation, will be synced after the meeting.
 - Exceptions will be sent to the email address.
- 802.11 will test with limited number of people
 - WG chair asked for 12 volunteers to test the system

How to get prepared for IMAT

1. Go to <http://www.ieee.org/web/web/accounts> and get a WebID if you do not already have one
 1. You do not have to be an IEEE or IEEE-SA member and there is no fee to acquire a WebID
 2. If you have logged into myProject or participated in a Sponsor Ballot in the last year, you already have a WebID
2. Go to <http://development.standards.ieee.org>
 1. Log in using your WebID
 2. Select *Manage Activity Profile*
 3. Select all projects in which you have an interest

6.05 II Online Training Update - Thaler 5 08:56 AM

5 Pat indicated that a survey will be developed to determine why so many only complete a very small part of the course. She also wants to compare the session attendees to those that are signing up for the course and then not completing it.

6.06 II SA Staff Liaison – Update - Kipness 5 08:59 AM

Mike presented an update on the MyProject web site, showing the new organization and updated web pages.

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5 Clyde Camp indicated that this is the first step in cleaning up these web pages. In September, all PARs submitted automatically go on the NeSCom agenda. Unless the sponsor chair (Paul in our case) explicitly approves the PAR by clicking a button on the web site, the PAR will be removed from the agenda. Only the sponsor chair can perform this action, not any designee. The sponsor chair will be sent several reminder emails to perform this task, before the ePAR gets deleted from the agenda.

Tony asked that there be better instructions available on how to use the new interface.

- 6.07 II -
- 6.08 II -
- 6.09 II -
- 6.10 II -

LMSC items

7.00 II **TREASURER'S REPORT** - **Hawkins** 5 09:07 AM

**IEEE Project 802
Statement of Operations
Jan 2007 Interim Session
London, England
As of July 10, 2007**

Session Income	Est/Act	Budget	Deviation
Net Registrations	772	1,000	(228)
64% 497 Early Registrations @ \$600	298,200		
20% 151 Registrations @ \$750	113,250		
16% 123 On-site registrations @ \$900	110,700		
0% 1 Student @ \$350	350		
1 Early cancellations @ \$600	(600)		
10 Cancellations @ \$500	(5,000)		
11 Late cancellations @ \$350	(3,850)		
11 Special Cancellation @ \$150	(1,650)		
1 Special Cancellation @ \$650	(650)		
5% 3 Special Cancellation @ \$500	(1,500)		
0 Other credits @ \$100	0		
Registraion Subtotal	509,250	\$ 506,950	675,000
0 Deadbeat Payment @			(165,750)
Interest			0
Other (Hotel comps and commission)	27,598	110,703	(83,105)
TOTAL Session Income	\$ 534,548	785,703	(251,155)
Session Expenses	Actual	Budget	
Audio Visual Rentals	17,914	35,000	17,086
Audit			0
Bank Charges			0
Copying	1,734	10,000	8,266
Credit Card Discounts & Fees	14,399	19,575	5,176
Equipment Expenses	117	1,200	1,083
Get IEEE 802 Contriubution			0
Insurance			0
Meeting Administration	81,874	98,088	16,214
Misc Expenses	30,618 *	24,825	(5,793)
Networking	84,171	88,203	4,032
Phone & Electrical	20,577	20,093	(484)
Refreshments	234,959	304,736	69,777
Shipping	19,823	27,500	7,677
Social	19,360	60,278	40,918
Supplies	147	2,000	1,853
TOTAL Session Expense	\$ 525,693	691,498	165,805
Other Income/Expense			
NET Session Surplus/(Deficit)	8,854	94,205	(85,351)
Analysis			
Refreshments per registration	304	305	0
Social per registration	25	60	35
Meeting Admin per registration	106	98	(8)
Surplus/(Loss) per registration	11	94	(83)

* Misc items: Hotel gratuity, 802.20 travel reimb, hotel meeting rm fees

DRAFT

IEEE Project 802
Statement of Operations
Mar 2007 Plenary Session
Orlando, FL
As of July 10, 2007

Session Income				Est/Act	Budget	Deviation
	Net Registrations			1,320	1,200	120
70%	922 Early Registrations	@ \$400	\$ 368,800			
	13 Early cancellations	@ \$400	(5,200)			
	21 Cancellations	@ \$350	(7,350)			
30%	398 Registrations	@ \$500	199,000			
	8 Cancellation	@ \$450	(3,600)			
2%	1 Special Cancellation	@ \$500	(500)			
	0 Student	@ \$100	0			
	0 Special Registration	@ \$400	0			
	13 Other credits	@ \$100	(1,300)			
	Registraion Subtotal		\$ 549,850	\$ 549,450	\$ 510,247	\$ 39,203
	0 Deadbeat Payment	@ \$500		0	0	0
	Interest			300	200	100
	Other (Hotel comps and commission)			77,527	50,000	27,527
TOTAL Session Income				\$ 627,277	\$ 560,447	\$ 66,830
Session Expenses				Actual	Budget	
	Audio Visual Rentals		22,883	18,000	(4,883)	
	Audit		6,000	6,000	0	
	Bank Charges		500	500	0	
	Copying		2,500	3,500	1,000	
	Credit Card Discounts & Fees		16,012	14,549	(1,463)	
	Equipment Expenses		16,340	11,000	(5,340)	
	Get IEEE 802 Contribution		95,775	112,500	16,725	
	Insurance		2,713	2,500	(213)	
	Meeting Administration		82,993	75,064	(7,929)	
	Misc Expenses		4,713 *	2,500	(2,213)	
	Networking		61,768	60,000	(1,768)	
	Phone & Electrical		2,122	2,500	378	
	Refreshments		118,219	120,500	2,281	
	Shipping		16,779	15,000	(1,779)	
	Social		43,885	45,000	1,115	
	Supplies		629	1,000	371	
TOTAL Session Expense				\$ 493,830	490,113	(3,717)
NET Session Surplus/(Deficit)				133,448	70,334	63,113
Analysis						
	Refreshments per registration		90	100	11	
	Social per registration		33	38	4	
	Meeting Admin per registration		63	63	(0)	
	Surplus/(Loss) per registration		101	59	42	

* Misc items: Hotel gratuity 802.20 travel reimb

DRAFT

IEEE Project 802
Statement of Operations
July 2007 Plenary Session
San Francisco, CA

Session Income	Estimate (07/16/07)	Budget	Variance
Registrations	1,450	1,200	250
Early Registrations	\$ 348,000	\$ 288,000	\$ 60,000
Registrations	290,000	240,000	50,000
Other			0
	\$ 638,000	\$ 528,000	\$ 110,250
Cancellations	29		
Early cancellations			-
Cancellations			-
Other credits			-
	\$ 12,760	\$ 10,560	\$ 2,200
Net Registration Income	\$ 625,240	\$ 517,440	\$ 108,050
Interest	300	60	240
Other	60,000	-	60,000
TOTAL Session Income	\$ 685,540	\$ 517,500	\$ 168,290
Session Expenses	Estimate	Budget	Variance
Audio Visual Rentals	\$ 16,367	\$ 15,000	\$ (1,367)
Audit	0	0	0
Bank Charges	400	278	(122)
Copying	3,500	3,500	0
Credit Card Discounts & Fees	17,545	10,800	(6,745)
Equipment Expenses	9,000	9,000	0
Get IEEE 802 Contribution	108,750	93,750	(15,000)
Insurance	0	0	0
Meeting Administration	89,375	76,838	(12,537)
Misc Expenses	2,000	2,000	0
Networking	66,048	54,388	(11,660)
Phone & Electrical	2,500	2,100	(400)
Refreshments	145,000	125,000	(20,000)
Shipping	18,000	4,500	(13,500)
Social	100,000	100,000	0
Supplies	500	500	0
TOTAL Session Expense	\$ 578,985	\$ 497,654	\$ (81,331)
NET Session Surplus/(Deficit)	\$ 106,555	\$ 19,846	\$ 86,959

Buzz did an excellent job negotiating with the London Metropole on the penalty, reducing it from approximately \$125k to \$25k.

5 John indicated that he will likely recommend that we reduce our registration fee, as he has become more comfortable with our reserve amount.

7.01 II 802.20 Non-conflicted EC meeting notice

- Nikolich

1

09:24 AM

Executive Session notice

- 20 JUNE 2007 executive session telecon was held by the NC-EC
 - Purpose: to inform the NC-EC of the findings of the 802.20 Oversight Committee and to solicit input regarding the matter and identifying questions that may need to be answered.
- 5:30-6:30 exec session tonight
 - Purpose: to follow up on 20 June meeting
- Motion to approve 20JUN2007 NC exec session public and private minutes distributed 10JUL2007. Mover? Second?
 - NC-EC: Paul Nikolich, John Hawkins, John Lemon, Mike Lynch, Arnie Greenspan, Geoff Thompson, Bob O'Hara, Buzz Rigsbee, Tony Jeffree, Bob Heile

Moved: get text from slide
Moved: Lemon/ Greenspan

5 Carl indicates that he found the public minutes said nothing. He asked that something be done to improve the transparency of the actions in the executive session.

Passes: 7/0/1 (of the nonconflicted members)

7.02 II LMSC Email Ballot Recap

- Nikolich

5

09:28 AM

LMSC Email Ballot Recap

		yes/no/abs/dnv
• 31 MAR	Response to FDA	16/0/0/0
• 09 APR	Disband 802.12 Working Group	16/0/0/0
• 29 APR	Approve 802.11 Video Transport SG	16/0/0/0
• 11 MAY	Approve proposed amendments to [IMT.TECH]	16/0/0/0
• 19 MAY	Approve P802.3-2005/Cor 2 to RevCom	16/0/0/0
• 15 JUN	no opposition to RR letter to UK-Ofcom	
• 20 JUN	Approve the liaison statement L802.16-07/038d1 to ITU-R	16/0/0.0
• 24 JUN	LMSC P&P revision ballot	08/9/0/0

LMSC Email Ballot Recap

		yes/no/abs/dnv
• 31 MAR	Response to FDA	16/0/0/0
• 09 APR	Disband 802.12 Working Group	16/0/0/0
• 29 APR	Approve 802.11 Video Transport SG	16/0/0/0
• 11 MAY	Approve proposed amendments to [IMT.TECH]	16/0/0/0
• 19 MAY	Approve P802.3-2005/Cor 2 to RevCom	16/0/0/0
• 15 JUN	no opposition to RR letter to UK-Ofcom	
• 20 JUN	Approve the liaison statement L802.16-07/038d1 to ITU-R	16/0/0.0
• 24 JUN	LMSC P&P revision ballot	08/9/0/0

Moved: to approve the waiver of the meeting fee for the listed participants.

Moved: Grow/Stevenson

Passes: 14/0/1

5

7.04 II Tutorial schedule

- Nikolich

5

09:32 AM

Meeting Fee Waivers

- The following individuals have had their registration fees waived for this plenary session by the LMSC chair.
 - IEEE-SA Staff Participants
 - Invited Participants
 - Arnie Greenspan (dot20)
 - Mart Molle (SA consulting supporting RAC)

7.05 II JTC1/SC6 update - Marks/Thompson 5 09:35 AM

5 Geoff reported that the SC6 meeting in China resulted in the cooperative agreement being sent out for a PDAM ballot that closes later this month. The U.S. TAG meeting this week (Thursday evening) will develop a response to the ballot. All outstanding unfinished projects were cancelled due to inaction, without opposition from the IEEE or the U.S.

7.06 II China Liaison update - Marks 5 09:37 AM

Roger indicated that there is nothing new to report.

7.07 II P&P update - Sherman 15 09:10 AM

10

EC

LMSC Policy and Procedures Update

Author:

Matthew Sherman
1st Vice Chair, IEEE 802
BAE Systems - NES
Matthew.Sherman@BAESystems.com

Date: July 16th, 2007

Summary of P&P Activities

- Latest rev of LMSC P&P dated January 4, 2006
 - <http://grouper.ieee.org/groups/802/policies-and-procedures.pdf>
- One P&P revision ballot in progress
 - Addresses AudCom issues
 - Vote for approval on Friday
- Held Sunday Night P&P Review covering
 - AudCom ballot
 - Seemed to achieve general consensus on resolutions

The AudCom Issue

Status on AudCom issues

- AudCom rejected our P&P
 - Provided comments for our consideration
 - Based in part on unpublished model Sponsor P&P
- AudCom granted us approval to operate under the current P&P
 - Expects updated P&P for their review in July 2007
- Ballot is currently in progress

Other Matters

Sunday Night P&P Review Meeting

- About 3.5 hours
- Focus on AudCom P&P Revision Ballot
 - Reviewed many issues based on comments received
 - Seemed to achieve general consensus
- New proposed AudCom resolution being circulated
 - Can be found at
<http://grouper.ieee.org/groups/802/secmail/bin00311.bin>
- Patent Policy changes to Chairs Guide not discussed
 - No time
- Adjourned

AudCom has still not posted a P&P for 802. We are allowed to operate under our current (January 2006, posted on the 802 web site) P&P, as our P&P is “visibly under development”.

7.08 II

-

7.09 II notice of PARs under consideration

-

WG chairs

5

09:46 AM

Notice of PARs and SGs under consideration

- WG chairs to report
 - PARs reported earlier in the agenda
 - SGs?
 - 802.1- none
 - 802.3- renew SG on higher speed; renew on energy efficient Ethernet
 - 802.11- renew video transport SG, alignment of Ite&Wireless multi-media SG, and renew direct link setup SG
 - 802.15- renew SG alternat phy 4c and Body Area Networking
 - possibility of 15.4 MAC enhancements SG
 - 802.16- none
 - 802.17- none
 - 802.18- none
 - 802.19- none
 - 802.20- none
 - 802.21- possibility for 'security optimizations' SG
 - 802.22- none

7.10 II notice of Study Groups under consideration - WG chairs 5

Paul incorrectly combined this item on his slide for PARs under consideration. See agenda item 7.09.

5

7.11 II Revised Opening Plenary update - Nikolich 2 09:35 AM

Opening Plenary Agenda

- 1) The usual boilerplate—
Financial Report (Hawkins), Membership Policy (Sherman), general announcements
(tutorials, new PARs, etc.-Rigsbee)
- 20 minutes
- 2) Q&A from the audience with EC members (Nikolich moderates)
-10 minutes
- 3) David Law presents Patent Committee announcement requirements
-10 minutes
- Patent Policy announcement
- 4) Q&A on Mr. Law's presentation
- 10 minutes (Nikolich moderates).
- 5) Closing remarks, notices:
- 5 minutes (Nikolich)

7.12 II ARIB liaison request to 802.20 and other notices

- Greenspan

1

09:56 AM

Arnie reported that a presentation was made by Mr. Ishida and Mr. Murakami of ARIB (Japan) requesting liaison between 802.20 and ARIB. 802.20 approved the establishment of the liaison.

5

Moved: to approve the establishment of a liaison between 802.20 and ARIB.
Moved: Greenspan/Stevenson

Geoff indicated that we should not be developing national-specific standards.

10

This motion was withdrawn without objection.

7.13 DT Implementation of new patent policy/chair guidelines update

- Law/Kerry

10

10:03 AM

Patent policy announcements

July 16th, 2007
San Francisco, CA

David Law
IEEE-SA PatCom Chair
David_Law@3Com.com

Stuart Kerry
IEEE 802
Stuart@ok-brit.com

PatCom FAQ #5

Q - Our group gathers for several days during a single week. Does the chair have to announce the policy every day?

A - The Working Group Chair or his or her designee shall issue the call at every Working Group meeting. If a group is “meeting” for consecutive days and the attendance is substantially the same for each day of the gathering, the policy only needs to be read once. If the chair plans not to read or display the policy each day, then the chair must either (a) ensure that the policy or a URL for it has been sent out to all attendees prior to the meeting (and is available in the registration packet for any on-site registrants), or (b) announce each day that the meeting is subject to the patent policy as read or displayed on the first day. Note, though, that this rule applies separately to each “group” that is “meeting” during the week. For example, if a working group holds a meeting during the same week as its task group, task force, and/or study group, the chair of each of those groups must read or display the policy at the beginning of that group’s first day of “meeting.”

IEEE 802 chairs guide

- IEEE Chairs Guide
 - Address IEEE 802 specifics
- Stuart Kerry leading this effort
- Items under consideration
 - Session vs meeting
 - Substantially the same attendance
 - Develop slide for policy reminder
 - Include links to various policy web site
 - Patent policy
 - Antitrust policy
 - Ethics policy
 - Affiliation policy
 - IEEE 802 P&P
 - Own Working Group P&P

Adapting to myProject

LMSC Opening EC Meeting
Robert M. Grow
Chair, IEEE 802.3 Working Group
bob.grow@ieee.org

Status

- Use of portions of myProject are mandatory
 - myBallot has been mandatory for some time
 - Not totally problem free, though improving
- Plans for more
 - NesCom used myProject in March
 - myProject team has the roll out plans
 - Push for more to be mandatory (e.g., possible link to indemnification)

Issues of Participant and SASB Concern

- Providing employer and affiliation information
 - Privacy concerns – data will not be shared with other parts of IEEE, for IEEE-SA uses only
- RevCom reviews
 - Visibility of comments a current ad hoc because of concerns
 - Some balloters are submitting comment files as uploaded document to a general comment
 - Some balloters are using other comment submission methods
 - Frustrations with compatibility
 - Problems with visibility to ballot group
 - Some have made themselves Disapprove without comment as a result

ITU-T / IEEE collaboration

Glenn Parsons
Member of IEEE SASB
gparsons@nortel.com



- Joint Workshop on Ethernet in Carrier class environment
 - May 31 - June 1, 2007
- Preceded by ITU-T hosted 802.1, .3 & .17 interim meetings
 - May 28-31 2007
- Followed by ITU-T SG15 plenary
 - June 4-16, 2007

Location: ITU Headquarters
Geneva, Switzerland



Joint Workshop



- May 31 – 2pm – 6pm
 - IEEE 802 & ITU-T overviews
 - Ethernet based and capable access networks
 - Reception (hosted by Nortel)
- June 1 – 9am – 6pm
 - Ethernet network transport
 - Ethernet bridging architecture
 - Ethernet OAM and management
 - Ethernet QoS, timing and synchronization

<http://www.itu.int/ITU-T/worksem/cce/index.html>

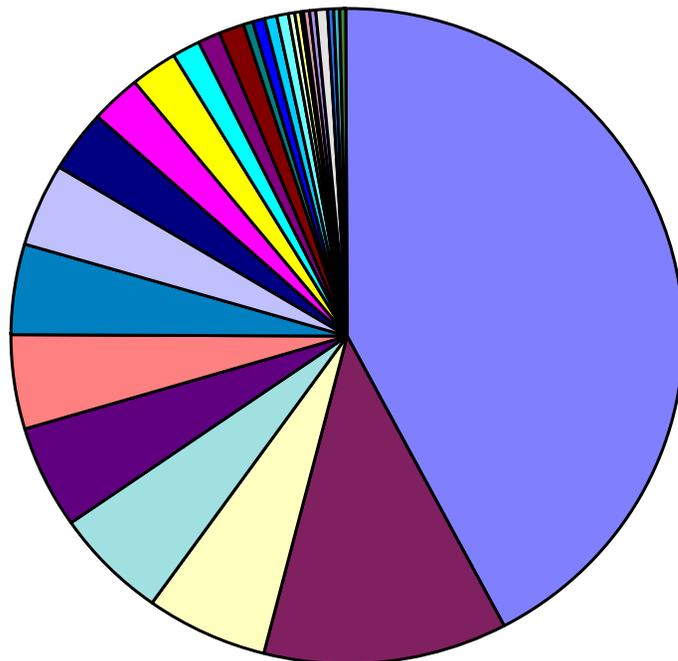
Opening of the Workshop



Workshop Participants

- Almost 300 from 27 countries
 - Evenly split between ITU and IEEE

Participants (By Country)



Joint ITU/IEEE Workshop

- The presentations were positively received
- Provided useful IEEE-ITU 'networking'
- Several areas of potential collaboration were identified
 - E.g., Bridging, Higher Speeds, Synch
- Second act
 - IEEE ComSoc Magazine - December 2007
 - Repeat in 2009?
 - ITU hosted 802 plenary?

7.16 II Working Group BKMs for process improvement - Grow 5 10:27 AM

“BKM” is best known methods. This is about sharing process information between groups to improve the process in all groups.

5

7.17 II Status update on 802 appeals - O'Hara 2 10:28 AM

There are no appeals in process at this time.

7.18 II Update on IMT Advanced activities - Lynch 5 10:28 AM

Report on IMT Advanced WP8F Input

- Background:
 - At the March plenary 802.18 decided to continue working by conference calls to complete a joint 802 input on IMT Advanced Requirements
 - Six calls held – summaries of each provided to EC
 - 30 April 802.18 met by conference call and approved Doc. 18-07-0026 for input to WP8F
 - EC email ballot held 1 – 12 May
 - Document approved
 - Submitted to ITU-R 16 May

Report on IMT Advanced WP8F Input

- Background:
 - WP8F held their 22d meeting in Kyoto, 22 – 31 May
 - 802 joint input one of six proposing revision of the draft text
 - Much of what Doc. 18-07-0026 contained is included in the draft WP8F text
 - Many [square] brackets need to be resolved at next WP8F meeting – planned for January 2008 – work continues by correspondence

Report on IMT Advanced WP8F Input

- This meeting:
 - 802.18 will meet Tuesday and Thursday evenings
 - Chair of the WP8F drafting group will present an update at the Tuesday evening IMT-Advanced session
 - It seems likely that work will begin on further input to the next meeting of WP8F using the same format as previously used
 - 802.18 will hold discussions about possible new work for IMT-Advanced
 - Decide if we will develop a joint IEEE 802 technology input for IMT-Advanced, to be completed by Q4 2008

7.19 II Update on M.1457 - Lynch 5 10:10 AM

5 The work on M.1457 is not complete. ITU-R SG8 has asked WP8F to hold a special session in August to resolve comments from two Member States and several Sector Members. That meeting will be held in Seoul, 29-31 August. At the end of that meeting, the SG8 Chair will decide whether to send the draft recommendation to the ITU-R Radiocommunication Assembly (RA) for approval. The RA meets in October 2007 in Geneva, just prior to the WRC-2007.

7.20 II Response by AudCom - Nikolich 1 10:15 AM

802 input to IEEE Audit Cmte

The IEEE 802 LMSC Executive committee meeting at its March 2007 plenary session in Orlando, FL has addressed the requests in your memo of 30 January, 2007. The items are summarized below along with the committee's responses.

1) Acknowledge that LMSC assets are IEEE property

- Audit Committee suggestions: Confirm your understanding that LMSC assets are IEEE property, and that the EC and the LMSC working groups, as "steward" of these assets, acknowledge their responsibility to manage them appropriately.

IEEE 802 Response: The EC acknowledges that assets it manages are the property of IEEE Inc. As duly elected officers of IEEE 802 LMSC we recognize we have a fiduciary duty as the stewards of these assets to manage them appropriately and that we retain the right to obligate these assets for purposes necessary to promote 802 approved objectives.

2) All bank accounts to have at least two volunteer and one IEEE staff signators
Staff Director of Financial Service as staff signator on all accounts.

- Audit Committee suggestions: Migrate to IEEE concentration banking (Wachovia) Develop a plan and schedule to complete the migration to concentration banking by the end of 2007.

IEEE 802 Response: Agree, the 802 treasurer will open a concentration banking account by May 31st, 2007 and the existing 802 account will be closed as obligations through that account are satisfied.

3) Submit all supporting financial materials for year-end audits by agreed-upon deadline

- Audit Committee suggestions: LMSC will submit outstanding 2005 data by 31 March 07. LMSC and the Audit Department will work together to determine future due dates for financial reporting.

IEEE 802 Response: LMSC has submitted the outstanding 2005 data (as of Feb 1, 2007), and will work with IEEE Operations Audit to establish and meet future deadlines.

4) Document use of competitive bidding in selection of suppliers, or supply rationale for non-use

- Audit Committee suggestions: All contracts submitted for execution will document the use of competitive bidding in the selection of suppliers, or supply rationale for non-use.

IEEE 802 Response: Agree, 802 complies for all contracted services and uses prudent financial analysis of competitive prices for equipment and supply purchases.

5) 3rd party bonuses must be clearly documented in the contract; otherwise they are prohibited

- Audit Committee suggestions: This best practice will be followed.

IEEE 802 Response: We agree. Third party bonuses paid from IEEE 802 funds, if used, will be documented as such in the appropriate contract. We presume that gratuities for exceptional performance are allowed.

6) Report Conflicts of Interest regarding business matters

- Audit Committee suggestions: The IEEE Policy regarding conflicts of interest will be followed.

IEEE 802 Response: We agree.

IEEE Audit Committee Response

March 27, 2007

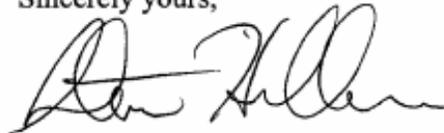
Paul Nikolich, Chairman
IEEE 802 LMSC Executive Committee

Dear Paul:

I would like to take this opportunity to acknowledge the receipt of your letter of March 23, 2007 to the IEEE audit committee 2006 Chair, Ron Jensen, in response to his letter of January 30th 2006. We are pleased with the response from the LMSC and thank you for your prompt attention to the requests that were made.

We will review it with the full Audit Committee at the June meeting but anticipate that the entire committee will also be satisfied and we thank you again for your attention and quick response to the audit committee requests.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Steven Hillenius". The signature is fluid and cursive, written over a light blue horizontal line.

Steven James Hillenius
Chair 2007 IEEE Audit Committee

7.21 II Comment on conditional approval to forward a draft standard - Sherman 1 10:34 AM

Mat deferred this item.

7.22 II Radio regulations - Japan - Kerry 1 10:35 AM

5

Stuart reported that Japan's MIC is considering imposing a radio utilization fee to unlicensed technologies, including Bluetooth, Zigbee, WLAN technologies. Stuart will send a link to the web site (which is in Japanese).

7.23 II -
7.24 II -
7.25 II -
7.26 II -
7.27 II -
7.28 II -
7.29 II -
7.30 II -
7.31 II -
7.32 II -
7.33 DT EC meeting schedule (rules, SA, etc.) - Nikolich 3 10:36 AM

EC meetings for the week

(held in Boardroom A)

- Tuesday 9-noon reserved (Paul)
- Tuesday noon-1pm open
- Tuesday 1-2pm open
- Tuesday 4-5pm meet with ISO/IEC JTC1/SC6 chair (Nikolich/Thompson)
- Tuesday 8-9pm open
- Tuesday 8-10pm open

- Wed 9-10am open
- Wed 10-11am getIEEE 802 budget review (Hawkins)
- Wed 11-noon Roger Marks—802.16g revcom resolution
- Wed noon-1pm open
- Wed 1-3pm 802 Task Force (Nikolich)
- Wed 3-4pm open
- Wed 4:30-5:30pm open

- Thursday 10-11am open
- Thursday 11am-1pm open
- Thursday 1-2pm open
- Thursday 6-9pm reserved for RAC meeting (Paul)
- Thursday 9-10pm reserved for Geoff

Reaching the end of the agenda, the EC meeting was adjourned at 10:37.

8.00 PL IEEE 802 PLENARY MEETING STARTS

- Nikolich

60

11:00 AM

IEEE802 Monday Plenary Agenda

- 11:00 Welcome Nikolich
- 11:02 802 Overview and Status Update EC members
 - WG/TAG status slides available at <http://www.ieee802.org/minutes/jul2007/index.html>
- 11.15 open mike Q&A all
- 11:30 Presentation: SA Patcom announcement requirements David Law
- 11:45 Q&A all
- 11:55 General announcements/Meeting Arrangements Rigsbee
- 12:00 ADJOURN

IEEE 802 ORGANIZATION

EXECUTIVE COMMITTEE (EC)

CHAIR
Paul Nikolich

WORKING GROUP/TAG CHAIRS

802.1
BRIDGING/ARCH
Tony Jeffree

802.3
CSMA/CD
Bob Grow

802.11
WLAN
Stuart J. Kerry

802.18 TAG
Radio Regulatory
Mike Lynch

802.15
WPAN
Bob Heile

802.16
BWA
Roger Marks

802.17
ResPackRing
John Lemon

802.19 TAG
Coexistence
Shellhammer

802.20
MBWA
Arnie Greenspan

802.21
Handoff
Vivek Gupta

802.22
WRAN
Carl Stevenson

APPOINTED OFFICERS

1st VICE CHAIR
Mat Sherman

2nd VICE CHAIR
Pat Thaler

EXECUTIVE
SECY
Buzz Rigsbee

RECORDING
SECY
Bob O'Hara

TREASURER
John
Hawkins

MEMBER
EMERITUS
Geoff
Thompson

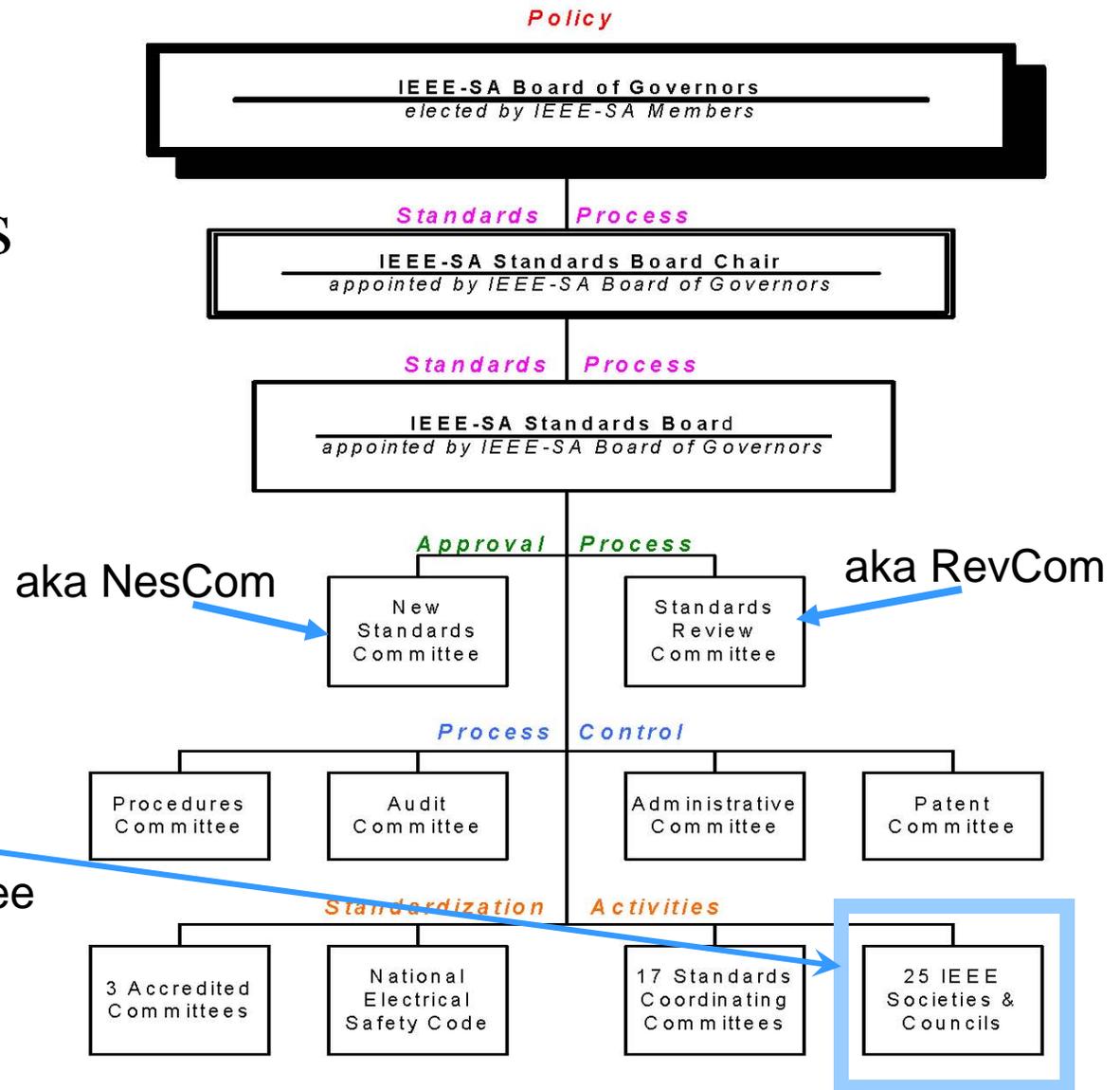
HIBERNATION

802.2 LLC (Dave Carlson)
802.5 Token Ring (Bob Love)

DISBANDED

802.4 Token Bus
802.7 Broadband TAG
802.9 ISLAN
802.12 Demand Priority
802.6 DQDB
802.8 Fiber Optic TAG
802.10 Security
802.14 CATV

IEEE Standards Organization



IEEE 802 is here:
a standards committee
formed by the
Computer Society

IEEE Staff Introductions

- **Karen Kenney:** 802 Ombudsman and Associate Managing Director, Business Administration
- **Michael Kipness:** Program Manager, Technical Program Development
- **Michelle Turner:** Program Manager, Document Development
- **Jennifer McClain:** Managing Editor, Standards Information and Industry Publishing
- **Esaleta Yearwood** Associate Product Manager
- **Bob LaBelle:** Manager, Networks and Telecommunications
- **Clyde Camp:** Staff support for myballot and myproject, Consultant
- **Jim Baker:** Primary programmer for attendance software app
- **Angela Weaver:** Senior Administrator, Registration Authority
- **Audrey Grant:** Administrative Assistant, Registration Authority
- **Michael Lindsay:** IEEE SA Counsel

Awards

- 802.11-2007 Published on June 12, 2007
 - Bob O'Hara, Terry Cole, Darwin Engwer, Stuart Kerry, Suman Sharma, Jon Rosdahl, Peter Ecclesine, Dorothy Stanley
- Std 802.3ap-2007 Published May 22, 2007
 - Robert M. Grow, David J. Law, Adam Healey, John D'Ambrosia, Schelto van Doorn, Ilango S. Ganga, Arthur Marris, Charles Moore, Tom Palkert, Pat Thaler, Joel Goergen, Michael Altmann, Bradley Booth, Steven B. Carlson
- Std 802.1ak-2007, Published June 22, 2007
 - Tony Jeffree, Paul Congdon, Michael J. Seaman

IEEE SA International Award

- Roger Marks

- This award is presented annually to an IEEE-SA individual member (who is also an IEEE member) who has made an extraordinary contribution to establishing the IEEE-SA as a world class leader in standardization.
- This award may be presented annually to an IEEE-SA individual member (who is also an IEEE member) who has made an extraordinary contribution to establishing the IEEE-SA as a world class leader in standardization.

**IEEE Project 802
Statement of Operations
Jan 2007 Interim Session
London, England
As of July 10, 2007**

Session Income	Est/Act	Budget	Deviation
Net Registrations	772	1,000	(228)
64% 497 Early Registrations @ \$600	298,200		
20% 151 Registrations @ \$750	113,250		
16% 123 On-site registrations @ \$900	110,700		
0% 1 Student @ \$350	350		
1 Early cancellations @ \$600	(600)		
10 Cancellations @ \$500	(5,000)		
11 Late cancellations @ \$350	(3,850)		
11 Special Cancellation @ \$150	(1,650)		
1 Special Cancellation @ \$650	(650)		
5% 3 Special Cancellation @ \$500	(1,500)		
0 Other credits @ \$100	0		
Registraion Subtotal	509,250	\$ 506,950	675,000 (165,750)
0 Deadbeat Payment @			0
Interest			0
Other (Hotel comps and commission)	27,598	110,703	(83,105)
TOTAL Session Income	\$ 534,548	785,703	(251,155)
Session Expenses	Actual	Budget	
Audio Visual Rentals	17,914	35,000	17,086
Audit			0
Bank Charges			0
Copying	1,734	10,000	8,266
Credit Card Discounts & Fees	14,399	19,575	5,176
Equipment Expenses	117	1,200	1,083
Get IEEE 802 Contriubution			0
Insurance			0
Meeting Administration	81,874	98,088	16,214
Misc Expenses	30,618 *	24,825	(5,793)
Networking	84,171	88,203	4,032
Phone & Electrical	20,577	20,093	(484)
Refreshments	234,959	304,736	69,777
Shipping	19,823	27,500	7,677
Social	19,360	60,278	40,918
Supplies	147	2,000	1,853
TOTAL Session Expense	\$ 525,693	691,498	165,805
Other Income/Expense			
NET Session Surplus/(Deficit)	8,854	94,205	(85,351)
Analysis			
Refreshments per registration	304	305	0
Social per registration	25	60	35
Meeting Admin per registration	106	98	(8)
Surplus/(Loss) per registration	11	94	(83)

* Misc items: Hotel gratuity, 802.20 travel reimb, hotel meeting rm fees

DRAFT

**IEEE Project 802
Statement of Operations
Mar 2007 Plenary Session
Orlando, FL
As of July 10, 2007**

Session Income				Est/Act	Budget	Deviation
	Net Registrations			1,320	1,200	120
70%	922 Early Registrations	@ \$400	\$ 368,800			
	13 Early cancellations	@ \$400	(5,200)			
	21 Cancellations	@ \$350	(7,350)			
30%	398 Registrations	@ \$500	199,000			
	8 Cancellation	@ \$450	(3,600)			
2%	1 Special Cancellation	@ \$500	(500)			
	0 Student	@ \$100	0			
	0 Special Registration	@ \$400	0			
	13 Other credits	@ \$100	(1,300)			
	Registraion Subtotal		\$ 549,850	\$ 549,450	\$ 510,247	\$ 39,203
	0 Deadbeat Payment	@ \$500		0	0	0
	Interest			300	200	100
	Other (Hotel comps and commission)			77,527	50,000	27,527
TOTAL Session Income				\$ 627,277	\$ 560,447	\$ 66,830
Session Expenses				Actual	Budget	
	Audio Visual Rentals		22,883	18,000	(4,883)	
	Audit		6,000	6,000	0	
	Bank Charges		500	500	0	
	Copying		2,500	3,500	1,000	
	Credit Card Discounts & Fees		16,012	14,549	(1,463)	
	Equipment Expenses		16,340	11,000	(5,340)	
	Get IEEE 802 Contribution		95,775	112,500	16,725	
	Insurance		2,713	2,500	(213)	
	Meeting Administration		82,993	75,064	(7,929)	
	Misc Expenses		4,713 *	2,500	(2,213)	
	Networking		61,768	60,000	(1,768)	
	Phone & Electrical		2,122	2,500	378	
	Refreshments		118,219	120,500	2,281	
	Shipping		16,779	15,000	(1,779)	
	Social		43,885	45,000	1,115	
	Supplies		629	1,000	371	
TOTAL Session Expense				\$ 493,830	490,113	(3,717)
NET Session Surplus/(Deficit)				133,448	70,334	63,113
Analysis						
	Refreshments per registration		90	100	11	
	Social per registration		33	38	4	
	Meeting Admin per registration		63	63	(0)	
	Surplus/(Loss) per registration		101	59	42	

* Misc items: Hotel gratuity 802.20 travel reimb

DRAFT

IEEE Project 802
Statement of Operations
July 2007 Plenary Session
San Francisco, CA

Session Income	Estimate (07/16/07)	Budget	Variance
Registrations	1,450	1,200	250
Early Registrations	\$ 348,000	\$ 288,000	\$ 60,000
Registrations	290,000	240,000	50,000
Other			0
	<u>\$ 638,000</u>	<u>\$ 528,000</u>	<u>\$ 110,250</u>
Cancellations	29		
Early cancellations			-
Cancellations			-
Other credits			-
	<u>\$ 12,760</u>	<u>\$ 10,560</u>	<u>\$ 2,200</u>
Net Registration Income	<u>\$ 625,240</u>	<u>\$ 517,440</u>	<u>\$ 108,050</u>
Interest	300	60	240
Other	60,000	-	60,000
	<u>\$ 685,540</u>	<u>\$ 517,500</u>	<u>\$ 168,290</u>
TOTAL Session Income	\$ 685,540	\$ 517,500	\$ 168,290
Session Expenses	Estimate	Budget	Variance
Audio Visual Rentals	\$ 16,367	\$ 15,000	\$ (1,367)
Audit	0	0	0
Bank Charges	400	278	(122)
Copying	3,500	3,500	0
Credit Card Discounts & Fees	17,545	10,800	(6,745)
Equipment Expenses	9,000	9,000	0
Get IEEE 802 Contribution	108,750	93,750	(15,000)
Insurance	0	0	0
Meeting Administration	89,375	76,838	(12,537)
Misc Expenses	2,000	2,000	0
Networking	66,048	54,388	(11,660)
Phone & Electrical	2,500	2,100	(400)
Refreshments	145,000	125,000	(20,000)
Shipping	18,000	4,500	(13,500)
Social	100,000	100,000	0
Supplies	500	500	0
	<u>\$ 578,985</u>	<u>\$ 497,654</u>	<u>\$ (81,331)</u>
TOTAL Session Expense	\$ 578,985	\$ 497,654	\$ (81,331)
NET Session Surplus/(Deficit)	\$ 106,555	\$ 19,846	\$ 86,959

Online training update (Pat Thaler): the web site is up. Get there through the 802 home page. There are many folks signing up, but not completing but a few slides of the training. The course provides grounding in the development of standards in 802. The web site also holds the newcomer education slides for those new to 802 meetings.

Tutorial Schedule

Monday	Tuesday
1)Energy Efficient Ethernet 6:30-8:00PM sponsor: Grow	3) none scheduled
2) Emergency Services for 802 8:00-9:30PM sponsor: Nikolich	4) none scheduled

EC meetings for the week

(held in Boardroom A)

- Tuesday 9-noon reserved (Paul)
- Tuesday noon-1pm open
- Tuesday 1-2pm open
- Tuesday 4-5pm meet with ISO/IEC JTC1/SC6 chair (Nikolich/Thompson)
- Tuesday 8-9pm open
- Tuesday 8-10pm open

- Wed 9-10am open
- Wed 10-11am getIEEE 802 budget review (Hawkins)
- Wed 11-noon Roger Marks—802.16g revcom resolution
- Wed noon-1pm open
- Wed 1-3pm 802 Task Force (Nikolich)
- Wed 3-4pm open
- Wed 4:30-5:30pm open

- Thursday 10-11am open
- Thursday 11am-1pm open
- Thursday 1-2pm open
- Thursday 6-9pm reserved for RAC meeting (Paul)
- Thursday 9-10pm reserved for Geoff

Q: For the first time ISO/IEC SC6 will be participating in a sponsor ballot through MyBallot. It does not appear that the system will support this. The chair needs to aggregate the comments from the national bodies and enter them into MyBallot.
A: IEEE is aware of the issues. They are attempting to address them.

5 Q: Recently 802.11u had its first letter ballot. There were many technical issues. Yet, 61% of voters approved the document. Is there something wrong with the process that leads to this behavior?

Q: Concern was expressed that tutorial slots are not being utilized, given the very high workload of some task groups. Can the availability of this time be announced earlier, so that the time can be utilized by those needing to work?

10 A: The EC has been lax in requiring tutorial notices.

Q: how is material determined to be confidential and who makes that determination?

A: Anything that can be individually identified is deemed confidential.

15 Q: Can we confine tutorials to only one evening and can the 802 plenary be started at 8am?

A: The executive committee needs to meet before the plenary. There is also no reason that a task group/force can't meet in Monday morning.

Patent policy announcements

July 16th, 2007
San Francisco, CA

David Law
IEEE-SA PatCom Chair
David_Law@3Com.com

Stuart Kerry
IEEE 802
Stuart@ok-brit.com

PatCom FAQ #5

Q - Our group gathers for several days during a single week. Does the chair have to announce the policy every day?

A - The Working Group Chair or his or her designee shall issue the call at every Working Group meeting. If a group is “meeting” for consecutive days and the attendance is substantially the same for each day of the gathering, the policy only needs to be read once. If the chair plans not to read or display the policy each day, then the chair must either (a) ensure that the policy or a URL for it has been sent out to all attendees prior to the meeting (and is available in the registration packet for any on-site registrants), or (b) announce each day that the meeting is subject to the patent policy as read or displayed on the first day. Note, though, that this rule applies separately to each “group” that is “meeting” during the week. For example, if a working group holds a meeting during the same week as its task group, task force, and/or study group, the chair of each of those groups must read or display the policy at the beginning of that group’s first day of “meeting.”

IEEE 802 chairs guide

- IEEE Chairs Guide
 - Address IEEE 802 specifics
- Stuart Kerry leading this effort
- Items under consideration
 - Session vs meeting
 - Substantially the same attendance
 - Develop slide for policy reminder
 - Include links to various policy web site
 - Patent policy
 - Antitrust policy
 - Ethics policy
 - Affiliation policy
 - IEEE 802 P&P
 - Own Working Group P&P

Highlights of the *IEEE-SA Standards Board* *Bylaws on Patents in Standards*

- Participants have a duty to tell the IEEE if they know (based on personal awareness) of potentially Essential Patent Claims they or their employer own
- Participants are encouraged to tell the IEEE if they know of potentially Essential Patent Claims owned by others
 - This encouragement is particularly strong as the third party may not be a participant in the standards process
- Working Group required to request assurance
- Early assurance is encouraged
- Terms of assurance shall be either:
 - Reasonable and nondiscriminatory, with or without monetary compensation; or,
 - A statement of non-assertion of patent rights
- Assurances
 - Shall be provided on the IEEE-SA Standards Board approved LOA form
 - May optionally include not-to-exceed rates, terms, and conditions
 - Shall not be circumvented through sale or transfer of patents
 - Shall be brought to the attention of any future assignees or transferees
 - Shall apply to Affiliates unless explicitly excluded
 - Are irrevocable once submitted and accepted
 - Shall be supplemented if Submitter becomes aware of other potential Essential Patent Claims
- A “Blanket Letter of Assurance” may be provided at the option of the patent holder
- A patent holder has no duty to perform a patent search
- Full policy available at <http://standards.ieee.org/guides/bylaws/sect6-7.html#6>

IEEE-SA Standards Board Bylaws on Patents in Standards

6.2 Policy

IEEE standards may be drafted in terms that include the use of Essential Patent Claims. If the IEEE receives notice that a [Proposed] IEEE Standard may require the use of a potential Essential Patent Claim, the IEEE shall request licensing assurance, on the IEEE Standards Board approved Letter of Assurance form, from the patent holder or patent applicant. The IEEE shall request this assurance without coercion.

The Submitter of the Letter of Assurance may, after Reasonable and Good Faith Inquiry, indicate it is not aware of any Patent Claims that the Submitter may own, control, or have the ability to license that might be or become Essential Patent Claims. If the patent holder or patent applicant provides an assurance, it should do so as soon as reasonably feasible in the standards development process. This assurance shall be provided prior to the Standards Board's approval of the standard. This assurance shall be provided prior to a reaffirmation if the IEEE receives notice of a potential Essential Patent Claim after the standard's approval or a prior reaffirmation. An asserted potential Essential Patent Claim for which an assurance cannot be obtained (e.g., a Letter of Assurance is not provided or the Letter of Assurance indicates that assurance is not being provided) shall be referred to the Patent Committee.

A Letter of Assurance shall be either:

- a) A general disclaimer to the effect that the Submitter without conditions will not enforce any present or future Essential Patent Claims against any person or entity making, using, selling, offering to sell, importing, distributing, or implementing a compliant implementation of the standard; or
- b) A statement that a license for a compliant implementation of the standard will be made available to an unrestricted number of applicants on a worldwide basis without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination. At its sole option, the Submitter may provide with its assurance any of the following:
 - (i) a not-to-exceed license fee or rate commitment, (ii) a sample license agreement, or (iii) one or more material licensing terms.

IEEE-SA Standards Board Bylaws on Patents in Standards

Copies of an Accepted LOA may be provided to the working group, but shall not be discussed, at any standards working group meeting.

The Submitter and all Affiliates (other than those Affiliates excluded in a Letter of Assurance) shall not assign or otherwise transfer any rights in any Essential Patent Claims that are the subject of such Letter of Assurance that they hold, control, or have the ability to license with the intent of circumventing or negating any of the representations and commitments made in such Letter of Assurance.

The Submitter of a Letter of Assurance shall agree (a) to provide notice of a Letter of Assurance either through a Statement of Encumbrance or by binding any assignee or transferee to the terms of such Letter of Assurance; and (b) to require its assignee or transferee to (i) agree to similarly provide such notice and (ii) to bind its assignees or transferees to agree to provide such notice as described in (a) and (b).

This assurance shall apply to the Submitter and its Affiliates except those Affiliates the Submitter specifically excludes on the relevant Letter of Assurance.

If, after providing a Letter of Assurance to the IEEE, the Submitter becomes aware of additional Patent Claim(s) not already covered by an existing Letter of Assurance that are owned, controlled, or licensable by the Submitter that may be or become Essential Patent Claim(s) for the same IEEE Standard but are not the subject of an existing Letter of Assurance, then such Submitter shall submit a Letter of Assurance stating its position regarding enforcement or licensing of such Patent Claims. For the purposes of this commitment, the Submitter is deemed to be aware if any of the following individuals who are from, employed by, or otherwise represent the Submitter have personal knowledge of additional potential Essential Patent Claims, owned or controlled by the Submitter, related to a [Proposed] IEEE Standard and not already the subject of a previously submitted Letter of Assurance: (a) past or present participants in the development of the [Proposed] IEEE Standard, or (b) the individual executing the previously submitted Letter of Assurance.

IEEE-SA Standards Board Bylaws on Patents in Standards

The assurance is irrevocable once submitted and accepted and shall apply, at a minimum, from the date of the standard's approval to the date of the standard's withdrawal.

The IEEE is not responsible for identifying Essential Patent Claims for which a license may be required, for conducting inquiries into the legal validity or scope of those Patent Claims, or for determining whether any licensing terms or conditions are reasonable or non-discriminatory.

Nothing in this policy shall be interpreted as giving rise to a duty to conduct a patent search. No license is implied by the submission of a Letter of Assurance.

In order for IEEE's patent policy to function efficiently, individuals participating in the standards development process: (a) shall inform the IEEE (or cause the IEEE to be informed) of the holder of any potential Essential Patent Claims of which they are personally aware and that are not already the subject of an existing Letter of Assurance, owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents; and (b) should inform the IEEE (or cause the IEEE to be informed) of any other holders of such potential Essential Patent Claims that are not already the subject of an existing Letter of Assurance.

Other Guidelines for IEEE WG Meetings

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

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

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

This slide set is available at <http://standards.ieee.org/board/pat/pat-slideset.ppt>

Q: what takes legal precedence, the slides or the bylaws?

A: The bylaws take precedence. Using the slide set is strongly recommended.

Q: where is written which slides need to be read?

5 A: there is no requirement to read the slides, only to display them.

Stuart Kerry called for anyone to announce knowledge of essential patent claims on standards in 802.

David James (affiliation, his wife) announced that he had patents he believed are essential.

10 Q: How can an attendee have a duty to disclose on material that may be confidential to their employer?

A: There is more information in the FAQ.

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The meeting was adjourned at 12:09pm

Respectfully submitted,
Bob O'Hara
Recording Secretary

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