

5.05	II		-			08:13 AM
						08:13 AM
SA items						
6.00	II	IEEE Staff Introductions	-	Nikolich	2	08:13 AM
6.01	II	802 Task Force update	-	Nikolich	5	08:15 AM
6.02	II		-			08:20 AM
6.03	II	Get IEEE802 program update	-	Kenney	5	08:20 AM
6.04	II	Conformity Assessment and ISTO Relationship Update	-	Kenney	5	08:25 AM
6.05	II	802 attendance software	-	LaBelle/Cam	5	08:30 AM
6.06	II	Online Training Update	-	Thaler	5	08:35 AM
6.07	II	SA Staff Liaison - Update	-	Kipness	5	08:40 AM
6.08	II	Conclusion of investigation of anonymous letter	-	Nikolich	2	08:45 AM
6.09	II	802 response to IEEE Audit Committee recommendations	-	Nikolich	2	08:47 AM
6.10	II	Concentrattion banking update	-	Hawkins	2	08:49 AM
LMSC items						
						08:51 AM
7.00	II	TREASURER'S REPORT	-	Hawkins	5	08:51 AM
7.01	II	LMSC Email Ballot Recap	-	Nikolich	5	08:56 AM
7.02	II	LMSC Meeting Fee Waivers	-	Nikolich	2	09:01 AM
7.03	II	Tutorial schedule	-	Nikolich	5	09:03 AM
7.04	II	JTC1/SC6 update	-	Thompson	5	09:08 AM
7.05	II	ITU WP8F Evaluation Groups Meeting with 802.16	-	Marks	5	09:13 AM
7.06	II	P&P update	-	Sherman	15	09:18 AM
7.07	II	802.18 Report on IMT Advanced Requirements Meeting	-	Lynch	15	09:33 AM
7.08	II	Response to ITU-R WP8F Liaison	-	Lynch	5	09:48 AM
7.09	II	notice of PARs under consideration	-	WG chairs	5	09:53 AM
7.10	II	notice of Study Groups under consideration	-	WG chairs	5	09:58 AM
7.11	II	Revised Opening Plenary update	-	Nikolich	2	10:03 AM
7.12	II	Open Office Hours Tuesday 8-9, Notice	-	Nikolich	2	10:05 AM
7.13	II	Project 1900	-	Shellhammer	10	10:07 AM
7.14	II	New Orleans update	-	Rigsbee	2	10:17 AM
7.15	II	January 2008 Update	-	Heile	2	10:19 AM
7.16	II		-			10:21 AM
7.17	II		-			10:21 AM
7.18	II		-			10:21 AM
7.19	II		-			10:21 AM
7.20	II		-			10:21 AM
7.21	II		-			10:21 AM
7.22	II		-			10:21 AM
7.23	II		-			10:21 AM
7.24	II		-			10:21 AM
7.25	II		-			10:21 AM
7.26	II		-			10:21 AM
7.27	II		-			10:21 AM
7.28	II		-			10:21 AM

7.29	II		-			10:21 AM
7.30	II		-			10:21 AM
7.31	II	IPR Concern	-	Sherman	5	10:21 AM
7.32	DT	EC meeting schedule (rules, SA, etc.)	-	Nikolich	3	10:26 AM
		ADJOURN SEC MEETING	-	Nikolich		10:29 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: Stephenson/Sherman

5 **Passes: 15/0/1**

3.00	*	APPROVE / MODIFY MINUTES OF PREVIOUS MEETING	-	Nikolich	0	08:05 AM
			-			08:05 AM
4.00			-			08:05 AM
4.01			-			08:05 AM
		Category (* = consent agenda)				08:05 AM
		Stds Board items				08:05 AM
5.00	II	Stds Board Actions (approved projects, standards, withdrawals)	-	Nikolich	2	08:05 AM

DEC 2006/MAR 2007

SA Standards Board Actions

Standards Approved

New:

P802.17b/D2.3 Resilient Packet Ring (RPR) Access Method and Physical Layer Specifications - Amendment 1 - Spatially Aware Sublayer (MAR07)

Revisions:

P802.11/D9.0 Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications (MAR07)

Reaffirmations: none

Corrigendum: none

Extensions:

802-2001 Overview and Architecture [Also 802a-2003 and 802b-2004]

Extended until December 2007. (DEC06)

1802.3-2001 IEEE Conformance Test Methodology - CSMA/CD

Extended until December 2007. (DEC06)

Withdrawals:

none

DEC 2006 & MAR 2007

SA Standards Board Actions

Projects Approved

New:

P802.16m – Advanced Air Interface (DEC06)

P802.1Qav Virtual Bridged Local Area Networks - Amendment: Forwarding and Queuing Enhancements for Time-Sensitive Streams (FEB07)

P802.1Qaw Virtual Bridged Local Area Networks - Amendment: Management of data driven and data dependent connectivity faults (FEB07)

P802.3-2005/Cor 2 CSMA/CD - Corrigendum 2: IEEE Std 802.3an-2006 10GBASE-T Correction (FEB07)

P802.15.4d Amendment: Alternative Physical Layer Extension to support the Japanese 950MHz Band (FEB07)

Revisions:

P802 Overview and Architecture (FEB07)

P802.1AB Station and Media Access Control Connectivity Discovery (FEB07)

Reaffirmations: none

Extensions: none

Withdrawal:

P802.16/Conformance02-200x Standard for Conformance to IEEE Standard 802.16 - Part 2: Test Suite Structure and Test Purposes (TSS&TP) for 10-66 GHz WirelessMAN-SC Air Interface (DEC06)

DEC2006 SASB Action

Project 802.20 Action:

- At the 6 December IEEE-SA Standards Board Meeting, the recommendation was amended as follows:
 - **Approve request for an extension until December 2008** with the following conditions:
 - 1)The officers of the Working Group shall be approved by the IEEE-SA Standards Board.
 - 2)Continued oversight by the 802 Executive Oversight Committee and the IEEE-SA Standards Board Oversight Committee
 - 3)Quarterly review of the project by the IEEE-SA Standards Board which could result in the withdrawal of the PAR.

DEC 2006 & MAR 2007

SA Standards Board Actions

Policy Changes:

- Bob Grow will review major items during opening plenary meeting and tutorial
 - Affiliation & Dominance
 - Code of Ethics
 - Process automation (myProject)
 - Patent policy

Details of changes

- Change 1 - Notes that the web-based PAR Form now contains instructions within the web process. Thus, the separate Working Guide is no longer necessary.
- Change 2 - Codifies the L50-S annual financial reporting requirement for Sponsors.
- Change 3 - Updates requirements for balloting of amendments/corrigenda. Balloters must be given access to the base standard and all approved amendments/corrigenda for complete information.
- Change 4 - Codifies the existing policy regarding the power of the NesCom Administrator as the sole authority in assigning project numbers.
- Change 5 - States that AudCom shall develop baseline P&P and that such will be used when it conducts its audits. In addition, it states that a Sponsor must have accepted P&P or P&P that are visibly under development before that Sponsor will be authorized to conduct ANY standards work.
- Change 6 - See Change 2. States that failure to submit the annual financial report will result in action from the Standards Board. {Also some clean-up based on direction from IEEE Operations Audit and Accounting. }
- Change 7 - see Change 5. States that the accepted Sponsor P&P posted to the AudCom web site is the only official version of that Sponsor's P&P.
- Change 8 - Disclosure of Affiliation {Operations Manual sections}.
- Change 9 - Adds Sponsor responsibility to monitor its committees for signs of dominance.
- Change 10 - Dominance and Disclosure of Affiliation {Bylaws sections}.
- Change 11 - States that the Scope and Purpose of the draft document submitted to RevCom (i.e., the last balloted draft) shall match the Scope and Purpose stated in the PAR.
- Change 12 - See Changes 5 and 7. Clarifies that 'visibly under development' is determined by AudCom.
- Change 13 - Changes related to Compliance with Laws; Prohibited Discussion Topics; Discussion of Relative Costs. This change has not yet been included in the online versions of the IEEE-SA Standards Board Operations Manual. This change is due to be implemented, along with Changes 14-15, in May 2007 to allow time for guideline documents to be created.
- Change 14 - Re-write of the patent policy {Bylaws sections}. Please note that this change does not contain mark-ups. It is basically a total re-write. This change has not yet been included in the online versions of the IEEE-SA Standards Board Bylaws. This change is due to be implemented, along with Changes 13 and 15, in May 2007 to allow time for guideline documents to be created. [Note: The IEEE-SA is also awaiting a response from the DOJ to a Business Review Letter sent in late November.] The current version of the patent policy {Bylaws} is located at <http://standards.ieee.org/guides/bylaws/sect6-7.html#6>
- Change 15 - Re-write of the patent policy {Operations Manual sections}. Please note that this change does not contain mark-ups. It is basically a total re-write. This change has not yet been included in the online versions of the IEEE-SA Standards Board Operations Manual. This change is due to be implemented, along with Changes 13 and 14, in May 2007 to allow time for guideline documents to be created. [Note: The IEEE-SA is also awaiting a response from the DOJ to a Business Review Letter sent in late November.] The current version of the patent policy {Operations Manual} is located at <http://standards.ieee.org/guides/opman/sect6.html#6.3>

5.01	II		-		08:07 AM
5.02	II	PARS to NesCom	-	Nikolich	2 08:07 AM

Draft PARs to NesCom

- **P802.1Qay:** Provider Backbone Bridge Traffic Engineering (PBBTE)
- **P802.3REV:** Revision of 802.3 (including 802.3an, 802.3ap, 802.3aq, 802.3as, Cor1, Cor2 and Maint #9 changes)
- 802.3 **P802.1AX:** Link Aggregation (extraction of 802.3 Clause 43 and related material)
- **P802.16:** Revision of 802.16 (including 802.16e, 802.16-2004/Cor1, 802.16f, and Maintenance changes)
- **P802.17c:** Protected Inter-Ring Connection (see link)

Draft Standards to Sponsor Ballot

- 802.1 AG conditional
- 802.3 corr2
- 802.11k
- 802.16 corr2

Draft Standards to RevCom

- 802.3 corr2
- 802.16g

5.05	II		-		08:13 AM	
					08:13 AM	
		SA items				08:13 AM
6.00	II	IEEE Staff Introductions	-	Nikolich	2	08:13 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
- Bob LaBelle: Manager, Networks and Telecommunications
- Jim Baker: Primary programmer for the IMAT
- Clyde Camp: Staff support for myballot and myproject, Consultant
- Kim Breitfelder: Manager, Standards Editing and Production
- Michael Lindsay: IEEE SA Counsel

IEEE-SA/802 Task Force

- No meeting held DEC2006 SASB meeting (I think...)
 - Topics:
 - Participants:

IEEE-SA/802 Task Force tentative agenda

- Ombudsman feedback - Kenney
- Get IEEE 802™ update - Hawkins/Kenney
- Attendance Software update - Labelle
- ITU-T Joint Workshop May 2007 – Parsons
- myBallot/myProject update – Kipness

- Wednesday 1-3pm

6.02	II		-		08:20 AM
6.03	II	Get IEEE802 program update	-	Kenney	5 08:20 AM

Get IEEE 802® Update 17 For LMSC March Plenary

Karen Kenney,
Associate Managing Director,
Business Administration

12 March 2007
Orlando, FL



Downloads

- **Program to date** **2,670,764**
- **Year to date** **483,438**
- **Weekly average** **8,012**
- **Most requested**
 - **802.11™, .11a, .11b, .11i, .11g**
 - **802.3™**
 - **802.15.4™**
 - **802.16™, .16e**

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User Type (Year to Date 2006)

USER	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD Total
Academic/Student:	17279	16,612	19,507	14,686	16,153	13,949	13,594	14,891	16,772	21,295	20,023	14,530	199,291
Attorney/Legal			45	180	189	231	156	185	149	209	168	158	1,670
Other:	6122	5,854	6,043	5,194	5,612	5,179	6,262	6,499	6,719	6,559	6,412	5,500	71,955
Network equipment manufacturer:	4309	3,647	4,047	3,294	3,900	3,904	4,923	4,724	5,162	5,450	5,765	3,946	53,071
Public network service provider:	2501	2,743	2,937	2,382	2,502	2,353	2,802	2,658	2,724	3,193	2,948	2,288	32,031
Network Software Developer/Manu	3004	2,705	3,039	2,310	3,128	3,880	3,111	3,079	3,470	3,594	3,511	2,743	37,574
Systems Administrator:	1960	2,604	2,191	1,772	1,878	1,761	2,068	1,785	1,800	1,895	2,039	1,707	23,460
Standards Developer:	1523	1,439	1,499	1,243	1,326	1,489	1,571	1,531	1,760	1,691	1,527	1,564	18,163
Network silicon manufacturer:	807	766	942	807	975	1,160	1,272	1,294	1,044	1,200	1,282	1,070	12,619
Private network service provider:	1135	1,148	1,576	1,194	1,137	1,085	1,059	1,176	1,328	1,499	1,243	1,138	14,718
Government:	1270	1,059	1,159	979	1,184	991	1,316	1,215	1,326	1,376	1,242	853	13,970
Journalist/Analyst/Author	565	463	580	344	300	372	380	414	385	487	337	289	4,916
Curious Citizen													-
Total	40,475	39,040	43,565	34,385	38,284	36,354	38,514	39,451	42,639	48,448	46,497	35,786	483,438

User Type (4/03-12/06)

USER	PTD Total
Academic/Student:	802,624
Attorney/Legal	1,670
Other:	301,167
Network equipment manufacturer:	213,817
Public network service provider:	135,105
Network Software Developer/Manufacturer	136,854
Systems Administrator:	104,882
Standards Developer:	72,160
Network silicon manufacturer:	54,883
Private network service provider:	64,551
Government:	59,940
Journalist/Analyst/Author	23,489
Curious Citizen	74
Total	1,971,216

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Program Entries

Mar 2007 – Jul 2007

<u>IEEE Std</u>	<u>On or about*</u>
802.3AN-2006	3/1/07
802.3AQ-2006	4/16/07
802.3AS-2006	5/13/07

*Fall under old 6-month delayed entry

Approvals

IEEE Std

Tentative Pub Date

802.11-REVma

26 Jul 2007

802.17b

26 Jul 2007

Reminders/Updates

- **Preliminary financial analysis on expenses for 802 oversight – discussion this week**
- **Develop revenue recommendations for July 2007 Plenary**
- **Data Capture Recommendation**

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IEEE 802.15 Wireless Personal Area Networks

IEEE 802.15.1-2005 [IEEE Standard for Information technology--Telecommunications and information exchange between systems-- Local and metropolitan area networks--Specific requirements. Part 15.1: Wireless Medium Access Control \(MAC\) and Physical Layer \(PHY\) Specifications for Wireless Personal Area Networks \(WPANs\(tm\)\) \(Specification Description Language\)](#)

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- IEEE 802.11™ Handbook
- Wireless Communication Standards

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- Cover Page
- Amendment 7: 4.9 GHz
- Introduction
- CONTENTS
- 3. Definitions
- 7. Frame formats
- 10. Layer management
- 11. MLME
- 17. Orthogonal frequency
- Annex A (normative)—P
- Annex D (normative)—A
- Annex I (informative)—R
- Annex J (normative)—C

IEEE Std 802.11j™-2004
[Amendment to IEEE Std 802.11™, 1999 Edition (Reaff 2003)
as amended by
IEEE Stds 802.11a™-1999, 802.11b™-1999,
802.11b™-1999/Cor 1-2001, 802.11d™-2001,
802.11g™-2003, 802.11h™-2003, and
802.11i™-2004]

802.11j™

**IEEE Standard for
Information technology—
Telecommunications and information
exchange between systems—
Local and metropolitan area networks—
Specific requirements**

**Part 11: Wireless LAN Medium Access Control
(MAC) and Physical Layer (PHY) specifications**

Amendment 7: 4.9 GHz–5 GHz Operation in Japan

0 (1 of 53)

Unknown Zone

Mc Cabe - I... <http://standar...> PowerPoint 4 Microsoft PowerP... 8:43 PM

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- Government
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- Other
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- Systems Administrator

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Capture demographic info
Capture email addresses of those downloading

Benefits

- **Identify who is downloading beyond just user type for improved program analysis**
- **Outreach to those who downloaded to:**
 - **Communicate about 802® standards activities, meetings, committee membership, etc.**
 - **Promote related 802 product (Standards Information Network books, 802 drafts, 802 subscription, etc.) to increase revenue**

“Rules”

- **Will not sell or barter list/info**
- **Will not be used to promote non-802 standards activities, programs or products**
- **Will not distribute info beyond 802 and Standards staff**

Action Requested

- **IEEE 802 EC approves request to capture email address as condition of Get IEEE802™ program**
- **Begin implementation as soon as systems updated to include this feature**
- **Regular reporting on demographics as well as any outreach activities**

A straw poll of the members of the EC showed that everyone supported the collection of email addresses as part of the Get IEEE 802 program, given appropriate conditions.

6.04 II Conformity Assessment and ISTO Relationship Update - Kenney 5 08:25 AM

IEEE Conformity Assessment : Status update for IEEE 802

Karen Kenney

Associate Managing Director

12 March 2007

Objectives

- **Establish an operational conformity assessment framework in support of the IEEE Standards lifecycle.**
 - **Flexible framework - “One size doesn’t fit all”**
- **Joint SA and ISTO initiative**
 - **Other resources to be engaged, as necessary (e.g., 3rd party test labs)**
 - **Non-exclusive (ISTO is preferred vendor)**
- **Address misperception regarding SA and ISTO ability to support CA activities.**

Activities

- **Operational model**
- **Project identification**
- **Financial analysis**
- **Risk assessment**
- **CAG Ad Hoc**

CAG Ad Hoc

- **Ad Hoc formed during 29-30 August CAG Meeting (Santa Clara)**
 - **Team has met 8 times**
 - **Staff/Industry collaboration**
 - **IEEE-SA BoG briefing**



Approved Motion: “Move to establish a joint work team made up of CAG members/ISTO staff/SA staff to initiate a work plan to promote certification/branding of IEEE standards. The goal would be immediate activity targeting the laptop battery standard (IEEE 1625-2005) and a report to the IEEE-SA BOG at its December meeting.”

Team

- James Williamson (Sony)- Chair
- Phil Wennblom (Intel)- CAG
- Chuck Adams (IBM)- CAG
- Gerry Lane (IBM)- IEEE-ISTO
- Peter Lefkin- IEEE-ISTO
- Yvette Ho Sang- IEEE-SA
- Jerome Walker- IEEE-SA
- Edward Rashba (Project Lead)- SA

Questions / Comments / Discussion

Edward Rashba

e.rashba@ieee.org

+1 732 465 6449

Paul asked if there is interest in having feedback from people other than those on the list. Karen indicated that she would find out if other participants can be added to the list, but that all feedback would be welcome.

6.05 II 802 attendance software

- LaBelle/Camp 5 08:30 AM

5

Meeting Attendance Tool



Bob Labelle
3/12/07



IEEE Meeting Attendance Tool (IMAT) Program Status

- Decision made to proceed with Meeting Attendance Program per the previously reviewed IMAT spec
- 802.11 chosen for the beta test
- Funding identified and approved
- Programming resources identified and brought on line
 - Bivio (jim baker) for the overall system design, attendance processing, meeting scheduling and myProject interface
 - Azgaard (Tom Slykhouse) for the attendance gathering component
- Current plan is for IMAT to be functionally complete by December 2007

The backend will be tied into MyProject. The attendance database will be available on site, as long as an internet connection is available.

6.06 II Online Training Update - Thaler 5 08:35 AM

5 Pat indicated that the online training participation is very disappointing. Sign-up rates are very low and most are not completing the course. Since November, 69 have signed up for the course. Of those, 36 have completed less than 10%, 1 has completed the entire course and 1 completed 70%. She does not recognize many of the names as 802 participants.

10 Buzz asked if we can send a short email survey to find out why the participant did not complete. Pat indicated that it is possible, but does not expect much out of it. She is more interested in why more 802 participants have not signed up.

Pat indicated that she thought tutorial sessions, once a year, would have better participation.

An ad hoc meeting on training will be 4:30 on Wednesday.

15

6.07 II SA Staff Liaison - Update - Kipness 5 08:40 AM

Mike reported that he has no new information to report.

6.08 II Conclusion of investigation of anonymous letter - Nikolich 2 08:45 AM

Anonymous Letter Conclusion

(received 30JAN2007)

Dear Current and/or Former IEEE 802 Officers:

This letter is to inform you of the results of the independent investigation into the allegations made in an anonymous letter about the LMSC that was received by The Institute of Electrical and Electronics Engineers, Inc. ("IEEE") and others in March 2006. As you are already aware, the IEEE Board of Directors engaged its attorneys, Dorsey & Whitney (D&W), to investigate the alleged wrongdoings in the above-cited letter and provide a formal report of their findings. The investigation found all allegations to be without merit. Specifically:

- Bribery – Allegations were without merit
- Antitrust – Allegations were without merit
- Dereliction of Fiduciary Duties – Allegations were without merit
- Improper conduct – Allegations were without merit
- Improper Financial Practices – Allegations were without merit

The Audit Committee of the IEEE Board of Directors has reviewed the report and is hereby notifying the LMSC Executive Committee of its findings.

In closing, the IEEE wishes to express its deep appreciation for your patience and understanding during this process.

Sincerely,

A handwritten signature in black ink, appearing to read "Ronald Jensen". The signature is written in a cursive, flowing style.

Ron Jensen
2006 Chair, IEEE Audit Committee

Anonymous Letter Conclusion

- Must draft response to ‘best practices’ letter from BoD Audit Committee. Ad-hoc EC meeting Wed 11-noon to address, approve at closing EC meeting.

Best Practices	Suggested Resolution
Acknowledge that LMSC assets are IEEE property	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.
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.
Migrate to IEEE concentration banking (Wachovia)	Develop a plan and schedule to complete the migration to concentration banking by the end of 2007.
Submit all supporting financial materials for year-end audits by agreed-upon deadline	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.
Document use of competitive bidding in selection of suppliers, or supply rationale for non-use	All contracts submitted for execution will document the use of competitive bidding in the selection of suppliers, or supply rationale for non-use.
3 rd party bonuses must be clearly documented in the contract; otherwise they are prohibited	This best practice will be followed.
Report Conflicts of Interest regarding business matters	The IEEE Policy regarding conflicts of interest will be followed.

There will be an ad hoc meeting to address these items Wednesday 11-noon.

6.10 II Concentration banking update - Hawkins 2 08:49 AM

John reported that we are prepared to go to concentration banking as soon as a decision is made. It will solve the “local banking” problem for John. However, there are not branches available everywhere. Branches are available near IEEE.

5

LMSC items 08:51 AM

08:51 AM

7.00 II TREASURER'S REPORT - Hawkins 5 08:51 AM

DRAFT

IEEE Project 802
Statement of Operations
Nov 2006 Plenary Session
Dallas, CA
As of Mar 10, 2007

Session Income				Est/Act	Budget	Deviation
	Net Registrations			1,348	1,200	148
70%	948	Early Registrations	@ \$400	\$ 379,200		
	13	Early cancellations	@ \$400	-5,200		
	30	Cancellations	@ \$350	-10,500		
29%	397	Registrations	@ \$500	198,500		
	4	Cancellation	@ \$450	-1,800		
	2	Special Cancellation	@ \$500	-1,000		
	3	On-site registrations	@ \$500	1,500		
	0	Student	@ \$100	0		
	0	Special Registration	@ \$400	0		
	2	Other credits	@ \$100	-200		
	Registration Subtotal			560,500	517,440	40,760
	0	Deadbeat Payment	@ \$500	0	0	0
	Interest			267	60	207
	Other (Hotel comps and commission)			60,817	0	60,817
TOTAL Session Income				\$ 619,284	517,500	101,784
Session Expenses				Actual	Budget	
	Audio Visual Rentals			20,964	15,000	(5,964)
	Audit			6,000	8,000	2,000
	Bank Charges			238	500	263
	Copying			4,352	3,500	(852)
	Credit Card Discounts & Fees			20,425	14,515	(5,910)
	Equipment			1,262	9,000	7,738
	Get IEEE 802 Contribution			97,425	90,000	(7,425)
	Insurance				0	0
	Meeting Administrator			85,394	75,064	(10,330)
	CD production			1,375		
	Misc Expenses			1,951 *	500	(1,451)
	Networking			72,675	65,000	(7,675)
	Phone & Electrical			352	2,100	1,748
	Refreshments			118,502	96,000	(22,502)
	Shipping			14,427	6,500	(7,927)
	Social			49,400	42,000	(7,400)
	Supplies			346	500	154
TOTAL Session Expense				\$ 495,087	428,179	(66,908)
Other Income/Expense				0		
NET Session Surplus/(Deficit)				\$ 124,197	89,321	34,876
Analysis						
	Refreshments per registration			88	80	(8)
	Social per registration			37	35	(2)
	Meeting Admin per registration			63	62.55	(1)
	Surplus/(Loss) per registrator			92	74	18
	Pre-Registration ratio			0.70	0.69	
Cash on hand as of Mar 10, 2007				\$ 606,921		
Reserve for unpaid expenses for prior sessions				(170,000)	(est: depends on resolutior	
Reserve for other outstanding commitments				(5,600)	(Avilar fees)	
Income received for current session				(32,754)		
Expenses prepaid for current session				44,905		
Expenses prepaid for future sessions				0		
Operating Reserve following this sessior				\$ 443,473		

IEEE Project 802

Estimated Statement of Operations

March 2007 Plenary Session

Orlando, FL

As of March 10, 2007

Meeting Income	<i>Estimate</i>	<i>Budget</i>	<i>Variance</i>
Registrations	1,393	1,200	193
Registration income	602,969	519,600	83,369
Cancellation refunds	(12,059)	(9,353)	
Deadbeat collections		0	0
Bank interest	200	200	0
Other income	50,000	50,000	0
TOTAL Meeting Income	641,109	560,447	80,662
Meeting Expenses	<i>Estimate</i>	<i>Budget</i>	<i>Variance</i>
Audio Visual Rentals	20,000	18,000	(2,000)
Audit	0	0	0
Bank Charges	250	500	250
Copying	3,500	3,500	0
Credit Card Discount	17,951	14,549	(3,402)
Equipment Expenses	11,000	11,000	0
Get IEEE 802 Contribution	112,500	112,500	0
Insurance	3,000	2,500	(500)
Meeting Administration	84,300	75,064	(9,236)
Misc Expenses	1,500	2,000	500
Network	60,000	60,000	0
Phone & Electrical	2,500	2,500	0
Refreshments	111,403	120,500	9,097
Shipping	6,500	6,500	0
Social	55,701	45,000	(10,701)
Supplies	1,000	1,000	0
Other Discounts	0	0	0
TOTAL Meeting Expense	491,106	475,113	(15,993)
NET Meeting Income/Expense	150,004	85,334	64,669
Analysis			
Refreshments per registration	80	100	20
Social per registration	40	38	(3)
Meeting Administration per reg	61	63	2
Networking per registration	43	50	7
Get IEEE 802 Contribution per	81	94	13
Surplus/Deficit per registration	108	71	37
Pre-registration rate	67%	67%	

Bob Grow asked if the projected surplus was sufficient to entertain reduction of meeting fees. John indicated that he would be discussing that with Buzz during the week and report back on Friday.

7.01 II LMSC Email Ballot Recap

- **Nikolich**

5

08:56 AM

LMSC Email Ballot Recap

		yes/no/abs/dnv
• 04 DEC	dot16m PAR	13/0/0/3
• 08 DEC	Network Services MSA	13/0/1/2
• 12 FEB	dynamic spectrum access SCC recommendation	14/2/0/0

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)

Tutorial Schedule

Monday	Tuesday
1) Patent Policy 6:30-8:00PM sponsor: Grow	3) Emergency Svcs for 802 6:30-8:00PM sponsor: Kerry
2) Video over 802.11 8:00-9:30PM sponsor: Kerry	4) Open Office Hours 8:00-9:00PM sponsor: Nikolich

Paul indicated that attendance at the Patent Policy tutorial is mandatory for 802 leadership and all task group/task force chairs.

7.04 II JTC1/SC6 update - Thompson 5 09:08 AM

5 Geoff indicated that he is the official liaison and will be attending the next meeting in China. Since he is the official head of delegation for the US TAG, there is the possibility of confusion of his role. Geoff introduced Jesse Walker as the IEEE delegate. These are the same roles they occupied at the meeting, last year. The IEEE administrator of the US TAG has been Bob Pritchard. This will be transitioning to Mike Kipness.

10 There will be an EC ad hoc meeting Wednesday 9-10 to gather and coordinate input to the US TAG.

7.05 II ITU WP8F Evaluation Groups Meeting with 802.16 - Marks 5 09:13 AM

Roger reported that there is a meeting this week in 802.16 all day Tuesday and Wednesday, called the IP-OFDM Evaluation Coordination meeting. This is in response to letters from WP8F for evaluation groups to announce their existence.

7.06 II P&P update - Sherman 15 09:18 AM

EC

LMSC Policy and Procedures Update

Author:

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

Date: March 12th, 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>
- No current P&P revision ballots
 - We've been waiting till AudCom issue addressed
- Two new P&P revisions being proposed
 - AudCom Revisions
 - Minimum Sponsor Recirculation Ballot Length
 - Vote for electronic ballot on Friday
- Held Sunday Night P&P Review covering
 - AudCom issues and concerns with LMSC P&P
 - Minimum Sponsor Recirculation Ballot length
 - General concerns: Definition of Member, changes at SA, etc

The AudCom Issue

Status on AudCom issues

- AudCom rejected our P&P in part based on unpublished model Sponsor P&P
- Prior agreement with AudCom was to wait till model fixed
 - Granted extension till July 2007 to fix with permission to operate under existing P&P
- Things have changed
 - AudCom didn't meet in December (no Quorum)
 - Sponsor P&P issue never fixed
 - SA Governance changes happened Jan. 2007 in SASB OM Section 5.1.1.1
 - Must have AudCom approved P&P to make standards
 - LMSC doesn't
 - AudCom can grant an exception for 'visibly under development'
 - Only valid P&P is the one posted on IEEE SA website
 - LMSC has no posted P&P
 - Not clear conditions where AudCom can grant exceptions
- Recommended actions
 - Note issue with being judged against unapproved model sponsor P&P
 - Request AudCom formally recognize LMSC P&P as 'visibly under development'
 - Request post current LMSC P&P as Interim P&P
 - Request extension of Due date till Nov 07 since Sponsor Model P&P never fixed
 - Secure permission to ballot changes this cycle in case we can't get extension
 - AUDCOM meets 3/20/07 (next week) in Piscataway, NJ

Current SASB OM Section 5.1.1.1

5.1.1.1 AudCom review of Sponsor P & P

A Sponsor's P & P shall be determined by AudCom to be visibly under development or accepted by AudCom before performance of any standards work (new, revision, reaffirmation, interpretations, etc.) by that Sponsor is authorized by the IEEE-SA Standards Board to commence.

AudCom will ensure that each Sponsor has based its P & P on the appropriate Sponsor procedures (e.g., individual, entity, SCC Type 1, or SCC Type 2) available from the IEEE-SA.

Sponsor P & P shall be subject to review by AudCom every five years to ensure currency. However, if a Sponsor revises its P & P prior to its next scheduled AudCom review, the Sponsor shall immediately submit its revised P & P to AudCom for review and acceptance.

The IEEE Standards Sponsor P & P document accepted by AudCom shall be the official policies of that Sponsor and shall reside online on the IEEE-SA Standards Board AudCom website. No other copy shall be designated as the official copy. Links to the IEEE-SA Standards Board AudCom website are encouraged.

Sponsor Recirculation Ballot Issue

Sponsor Recirculation Ballots

- 10-day default for a recirculation ballot too Short
 - Default in My Ballot
 - Can result in participants only having 5 working days
 - Or less if Holidays
- Recommended Remedy
 - Require LMSC sponsor ballots to use same minimum duration WG Letter Ballots

Proposed Text for ballot

- Add new subclause

7.5.2 Sponsor ballot duration

Sponsor ballots of LMSC standards, recommended practices and guides shall adhere to the same minimum durations as specified for Working Group letter ballots (see 7.2.4.2.2).

Proposed P&P Revision Ballots

Proposed LMSC P&P Revision Ballots

- AudCom Issues and Concerns
 - Latest Revision sent to EC Reflector in file titled:
 - 802.0-AudCom_-_Proposed_LMSC_P&P_Revision_Ballot_070311_r0.doc
 - Concerns Addressed
 - Rights of the participants and due process
 - Responsibilities of the LMSC chair and officers
 - IEEE Code of Ethics requirements
- Sponsor Recirculation Length
 - Make minimum same as for WG Letter Ballot
- Votes to ballot both planned for Friday

Other Matters

Sunday Night P&P Review Meeting

- Short - Only 2 hours
- Focus on AudCom issues with P&P
 - Noted we were judged against an unposted model sponsor P&P
 - Noted recent changes in SA Governance impact issue
 - Decided 1st Vice Chair will
 - E-mail AudCom
 - Note that we were judged against an unpublished model sponsor P&P
 - Current process of approving P&P requires instantaneous response at both ends
 - Not practical
 - We have been given a grace period but it has no formal standing
 - Request AudCom Agenda item to address this matter
 - Formal extension of grace period till Nov 07
 - Formal recognition that our P&P is ‘Visibly Under Development’
 - Request posting of current P&P as interim P&P
 - Time table for update of model Sponsor P&P
 - Gain EC permission to ballot P&P revision in case
- Discussed issue length of Sponsor recirculation (10 days too little)
 - Bob Grow will bring forward a P&P revision for ballot
- General concerns: Definition of Member, changes at SA, etc
- Adjourned

Report on IMT Advanced Requirements Meeting

- Held special meeting to determine 802 interest in submitting to IMT Advanced requirements
 - Well attended and there is an interest
- Extensive discussion on timing of submission to ITU-R
- Results to be brought to EC attention in Orlando
- Work on an ITU-R input to begin in Orlando

There will be a meeting to discuss this Tuesday 8-10pm.

7.08 II Response to ITU-R WP8F Liaison

- Lynch

5 09:48 AM

Response to ITU-R WP8F Liaison

- Liaison received from WP8F on 13 February 2007
 - Acknowledges receipt of proposal for new IMT-2000 terrestrial radio interface for Recommendation M.1457
 - States WP8F considers the proponent of the proposal to be IEEE and the WiMAX Forum – requests confirmation and revision of cover sheet to reflect that
- 802.16 will prepare a response in Orlando
 - Suggest **not** adding WiMAX Forum as a proponent in that response

Notice of PARs and SGs under consideration

- WG chairs to report
 - PARs reported earlier in the agenda
 - Maintenance 802.11 mb
 - Possible scope change to 802.11s
 - SGs?
 - 802.1- none
 - 802.3- renew SG on higher speed; renew on energy efficient Ethernet
 - 802.11- establish video SG and alignment of Ite&Wireless multi-media SG, renew direct link setup SG
 - 802.15- renew SG alternat phy 4c and Body Area Networking
 - 802.16- none
 - 802.17- renew SG on dual ring interconnect (protection)
 - 802.18- none
 - 802.19- none
 - 802.20- none
 - 802.21- none
 - 802.22- none

See previous page for list of Study Groups under consideration.

Opening Plenary Agenda

- 1) The usual boilerplate—
Financial Report (Hawkins), Patent Policy (Thompson), 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) Bob Grow presents SASB Policy Update
-10 minutes
- 4) Q&A on Mr. Grow's presentation
- 10 minutes (Nikolich moderates).
- 5) Closing remarks, notices:
- 5 minutes (Nikolich)

Open Office Hours

- Nikolich to solicit support from chairs

IEEE P1900.X
IEEE Standard Series on Next
Generation Radio and Spectrum
Management

Steve Shellhammer

March 12, 2007

Sponsors

- Joint Sponsors of 1900
 - EMC Society
 - Communication Society

1900 Projects

- 1900.1
 - *Standard Terms, Definitions and Concepts for Spectrum Management, Policy Defined Radio, Adaptive Radio and Software Defined Radio*
 - Project approved March 2005
 - WG has a draft
- 1900.2
 - *Recommended Practice for the Analysis of In-Band and Adjacent Band Interference and Coexistence between Radio Systems*
 - Project approved March 2005
 - WG has a draft
 - Held joint meeting with 802.19 TAG in March 2006
 - Formed Sponsor Ballot Pool

1900 Projects

- 1900.3
 - *Recommended Practice for Conformance Evaluation of Software Defined Radio (SDR) Software Modules*
 - Project approved May 2005
- 1900.4
 - *Architectural building blocks enabling network-device distributed decision making for optimized radio resource usage in heterogeneous wireless access networks*
 - Project approved December 2006
 - 1900.4 chair presented overview of project to 802.21 at January 802 Wireless Interim

1900 Study Groups

- 1900 SG-A
 - *Dependability and Evaluation of Regulatory Compliance for Radio Systems with Dynamic Spectrum Access*
 - SG formed March 2006

Future Meetings

- March 27-29, 2007
 - 1900.4 only
 - London, England
- April XX, 2007
 - 1900 WG/SG (Plenary)
 - Held with DySPAN conference (Ireland)
- August XX, 2007
 - 1900.2 ???
 - Held with EMC Symposium (Hawaii)

DySPAN SCC

- Recently the 1900 leadership have proposed the 1900 initiative be converted into a standards coordinating committee (SCC) on dynamic spectrum access networks (DySPAN)
 - Letter was sent to presidents of technical societies asking if they would be interested in participating
- The 802 EC recommended to the Computer Society that they not join as a new sponsor of this SCC and also raised concerns about potential overlap in scope with 802

Web Site

- <http://www.ieeep1900.org/>

5 Paul asked if there were opinions on setting up an official liaison to P1900. Geoff indicated that there is nothing of which he knows to enforce groups that are developing overlapping standards to coordinate. Vivek, on 1900.4, indicated that he learned of the project only after the PAR was approved. He reported that there is a great deal of overlap with 802.21. 802.21 has established a liaison with 1900.4. Roger asked about the overlap between 1900 and 802.18. Steve said that there is possible redundancy.

7.14 II New Orleans update

- Rigsbee

2

10:17 AM

10 Buzz reported that the New Orleans venue will not be ready for us for our March 2008 plenary. The Hyatt has released us from our obligation. He reported that the search for alternatives has resulted in a list of six choices. He asks the WG chairs to get priorities from their WGs. The alternatives are shown below.

IEEE 802 LMSC MARCH 2008 PLENARY SESSION OPTIONS

Note: The Hyatt Regency New Orleans has officially released us from contract because of uncertainty of facilities (rooms and meeting space) for March 2008.

<u>DATES AVAILABLE:</u>	<u>LOCATION:</u>	<u>VENUE/HOTEL:</u>	<u>RATES:</u>	<u>OTHER COMMENTS:</u>
March 9-14, 2008	Vancouver, Canada	Hyatt Regency Vancouver (500 guest rooms peak nt) Fairmont Hotel Vancouver (400 guest rooms peak nt)	\$170CAD S or D/T (approx. \$144US* * based on current exchange rate)	HRV - comp Internet Access Link and all infrastructure patches FHV - comp wired Internet Access in guest-rooms Internet Access via Optical Link to HRV net PRO: great hotels, great facilities best rate, good for Asian attendees for obtaining VISAs CON: Spring season weather, WRONG dates WARNING: This week overlaps with IETF mtg !!!
March 16-21, 2008	Chicago, IL.	Hyatt Regency Chicago (downtown location) (550 guest rooms peak nt) need overflow hotel for extra guest rooms	\$169US S or D/T	PRO: good meeting space, great downtown location, easy access for attendees CON: mid-range room rate but good for downtown, SERIOUS weather concerns in mid-March, tough Union town (can mean higher prices)
March 16-21, 2008	San Francisco, CA	Hyatt Regency San Francisco Embarcardero (same as July 2007) (650 guest rooms peak nt) need overflow hotel for extra guest rooms	\$194US S \$204US D/T	Meeting space is not available until 9pm on Saturday, March 15 prior PRO: great location, weather good, great hotel, free guestroom Internet, free drink-tickets for social CON: just there in July 2007, high room rates, higher prices, and later-access to meeting space for set-up than we would like.

<u>DATES AVAILABLE:</u>	<u>LOCATION:</u>	<u>VENUE/HOTEL:</u>	<u>RATES:</u>	<u>OTHER COMMENTS:</u>
March 16-21, 2008	Chicaco, IL	Hyatt Regency Chicago O'Hare (airport location) (865 guest rooms peak nt) need overflow hotel for extra guest rooms	\$145US S or D/T	PRO: easy airport access, great meeting space, good room rate newly renovated property in 2007 CON: AIRPORT location, SERIOUS weather conditions may be an issue
March 16-21, 2008 A BEST BET ???	Orlando,FL	Caribe Royale Resort (800 guest rooms peak nt) Buena Vista Resort (overflow) (200 guest rooms peak nt)	\$165US S or D/T \$145US S or D/T	PRO: great meeting space and large guest room block, good room rate for season CON: meeting in March is high-season, rates are higher, overlaps dates of many spring breaks
March 16-21, 2008 JOKE ???	Dallas, TX	Hyatt Regency - DFW (735 guest rooms peak nt) need overflow hotel for guest rooms @ Grand Hyatt	\$229US S or \$254US D/T	PRO: good meeting space and guest room block, easy access for travelers CON: AIRPORT location, Terrible Rates (???)

7.15 II January 2008 Update - Heile 2 10:19 AM

Bob reported on the January 2008 interim that only the wireless groups responded to his request for participants. Thus, the January 2008 802-sponsored interim will be for the wireless groups, only.

5

7.16 II - 10:21 AM
7.17 II - 10:21 AM
7.18 II - 10:21 AM
7.19 II - 10:21 AM
7.20 II - 10:21 AM
7.21 II - 10:21 AM
7.22 II - 10:21 AM
7.23 II - 10:21 AM
7.24 II - 10:21 AM
7.25 II - 10:21 AM
7.26 II - 10:21 AM
7.27 II - 10:21 AM
7.28 II - 10:21 AM
7.29 II - 10:21 AM
7.30 II - 10:21 AM
7.31 II IPR Concern - Sherman 5 10:21 AM

Mat indicated that he believes that changes in governance are not sufficient. He believes that changes in patent law are required. He believes that the increase in lawsuits reduces the announcement of IP in standards. He asked anyone interested to talk with him.

7.32 DT EC meeting schedule (rules, SA, etc.) - Nikolich 3 10:26 AM

10

EC meetings for the week

(held in Regents Boardroom)

- Tuesday 9-noon reserved (Paul)
- Tuesday noon-1pm open
- Tuesday 1-2pm open
- Tuesday 4-8pm open
- Tuesday 8-9pm Open Office Hours
- Tuesday 8-10pm IMT Advanced (802.18 RR mtg, location TBD)

- Wed 9-10am ISO/IEC SC6 – 802 input and coordination (Thompson/Walker)
- Wed 10-11am getIEEE 802 budget review (Hawkins)
- Wed 11-noon IEEE AudCom- 802 EC response (Nikolich)
- Wed noon-1pm open
- Wed 1-3pm 802 Task Force (Nikolich)
- Wed 3-4pm Attendance SW and Document Management discussion (Rigsbee)
- Wed 4:30-5:30pm improving 802 training (Thaler)

- Thursday 10-11am open
- Thursday 11am-1pm open
- Thursday 1-2pm open
- Thursday 5-7pm open

ADJOURN SEC MEETING

- **Nikolich**

10:29 AM

The EC meeting was adjourned at 10:32.

5

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/mar2007/index.html>
- 11.15 open mike Q&A all
- 11:30 Presentation: SA Standards Board Policy Update Bob Grow
- 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
Mike Takefman

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

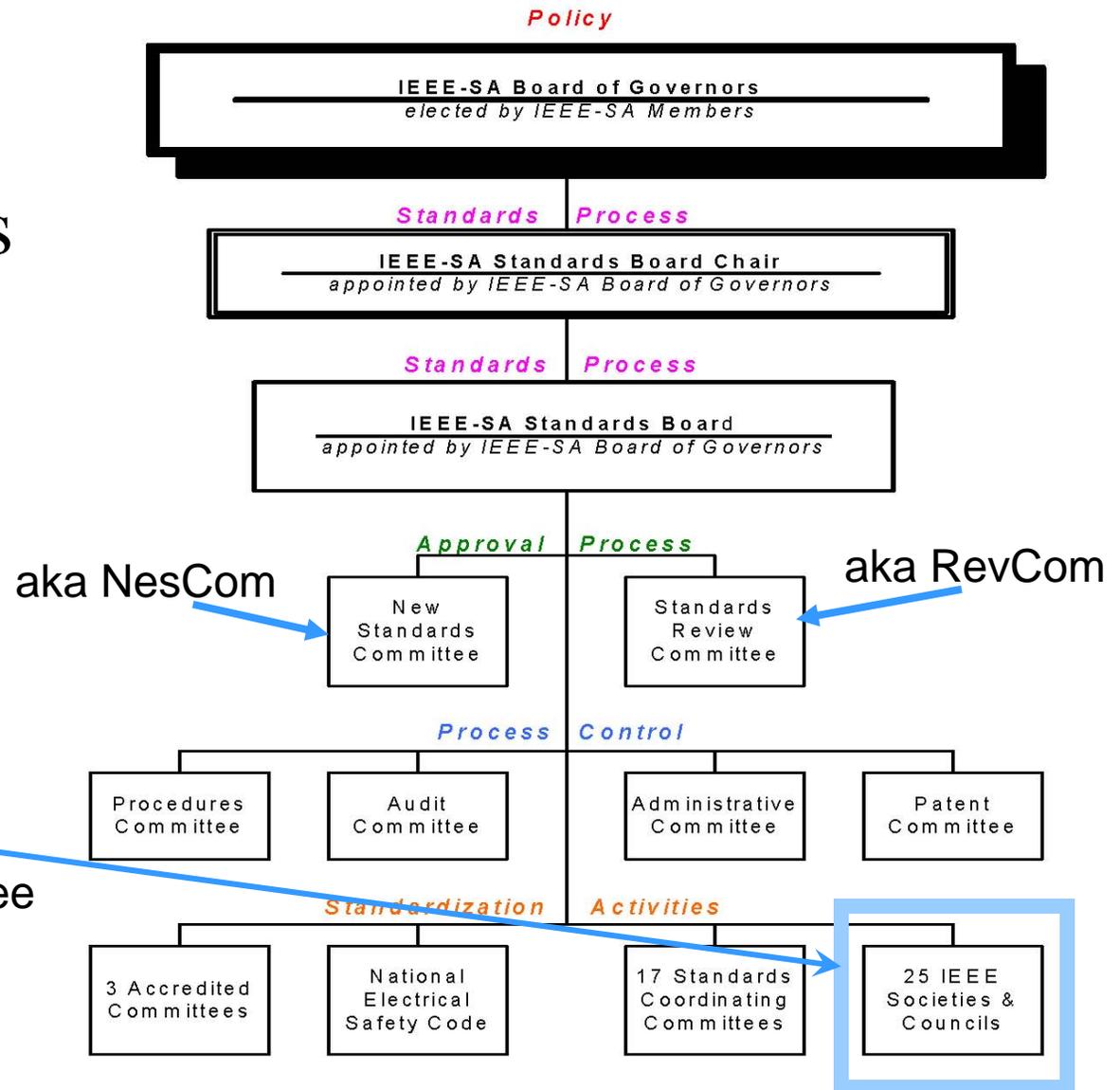
HIBERNATION

802.2 LLC (Dave Carlson)
802.5 Token Ring (Bob Love)
802.12 Demand Priority (Pat Thaler)

DISBANDED

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

IEEE Standards Organization



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

IEEE Board of Directors Audit Committee Action

Dear Current and/or Former IEEE 802 Officers:

This letter is to inform you of the results of the independent investigation into the allegations made in an anonymous letter about the LMSC that was received by The Institute of Electrical and Electronics Engineers, Inc. ("IEEE") and others in March 2006. As you are already aware, the IEEE Board of Directors engaged its attorneys, Dorsey & Whitney (D&W), to investigate the alleged wrongdoings in the above-cited letter and provide a formal report of their findings. The investigation found all allegations to be without merit. Specifically:

- Bribery – Allegations were without merit
- Antitrust – Allegations were without merit
- Dereliction of Fiduciary Duties – Allegations were without merit
- Improper conduct – Allegations were without merit
- Improper Financial Practices – Allegations were without merit

The Audit Committee of the IEEE Board of Directors has reviewed the report and is hereby notifying the LMSC Executive Committee of its findings.

In closing, the IEEE wishes to express its deep appreciation for your patience and understanding during this process.

Sincerely,

A handwritten signature in black ink, appearing to read "Ronald Jensen". The signature is fluid and cursive, with the first name "Ronald" written in a larger, more prominent script than the last name "Jensen".

Ron Jensen
2006 Chair, IEEE Audit Committee

Anonymous Letter Conclusion

- Must draft response to ‘best practices’ letter from BoD Audit Committee. Schedule ad-hoc EC meeting later in week to address, approve at closing EC meeting.

Best Practices	Suggested Resolution
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Document use of competitive bidding in selection of suppliers, or supply rationale for non-use	All contracts submitted for execution will document the use of competitive bidding in the selection of suppliers, or supply rationale for non-use.
3 rd party bonuses must be clearly documented in the contract; otherwise they are prohibited	This best practice will be followed.
Report Conflicts of Interest regarding business matters	The IEEE Policy regarding conflicts of interest will be followed.

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
- Bob LaBelle: Manager, Networks and Telecommunications
- Kim Breittfelder: Manager, Standards Editing and Production
- Jim Baker: Primary programmer for the IMAT
- Clyde Camp: Staff support for myballot and myproject, Consultant
- Michael Lindsay: IEEE SA Counsel

Awards

- **IEEE Std 802.3as-2006** published on November 13, 2006
 - Robert M. Grow
 - David J. Law
 - Kevin Daines
 - Glenn Parsons

- **IEEE Std 802.16/Conformance04-2006** published on January 15, 2007
 - Roger Marks
 - Gordon Antonello
 - Herbert M. Ruck

Instructions for the WG Chair

- **At Each Meeting, the Working Group Chair shall:**
- **Show slides #1 and #2 of this presentation**
- **Advise the WG membership that:**
 - The IEEE's patent policy is consistent with the ANSI patent policy and is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
 - Early disclosure of patents which may be essential for the use of standards under development is encouraged;
 - Disclosures made of such patents may not be exhaustive of all patents that may be essential for the use of standards under development, and that neither the IEEE, the WG, nor the WG Chairman ensure the accuracy or completeness of any disclosure or whether any disclosure is of a patent that, in fact, may be essential for the use of standards under development.
- **Instruct the WG Secretary to record in the minutes of the relevant WG meeting:**
 - That the foregoing advice was provided and the two slides were shown;
 - That an opportunity was provided for WG members to identify or disclose patents that the WG member believes may be essential for the use of that standard;
 - Any responses that were given, specifically the patents and patent applications that were identified (if any) and by whom.

IEEE-SA Standards Board Bylaws on Patents

6. Patents

in Standards

IEEE standards may include the known use of essential patents and patent applications provided the IEEE receives assurance from the patent holder or applicant with respect to patents whose infringement is, or in the case of patent applications, potential future infringement the applicant asserts will be, unavoidable in a compliant implementation of either mandatory or optional portions of the standard [essential patents]. This assurance shall be provided without coercion. The patent holder or applicant should provide this assurance as soon as reasonably feasible in the standards development process. This assurance shall be provided no later than the approval of the standard (or reaffirmation when a patent or patent application becomes known after initial approval of the standard). This assurance shall be either:

- a) A general disclaimer to the effect that the patentee will not enforce any of its present or future patent(s) whose use would be required to implement either mandatory or optional portions of the proposed IEEE standard against any person or entity complying with the standard; or
- b) A statement that a license for such implementation will be made available without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination.

This 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.

Inappropriate Topics for IEEE WG Meetings

- Don't discuss the validity/essentiality of patents/patent claims
- Don't discuss the cost of specific patent use
- Don't discuss licensing terms or conditions
- Don't discuss product pricing, territorial restrictions, or market share
- Don't discuss ongoing litigation 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>

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

The (current) version of these slide can
always be found at:

<http://standards.ieee.org/board/pat/pat-slideset.ppt>

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DRAFT

IEEE Project 802
Statement of Operations
Nov 2006 Plenary Session
Dallas, CA
As of Mar 10, 2007

Session Income					Est/Act	Budget	Deviation
Net Registrations					1,348	1,200	148
70%	948	Early Registrations	@ \$400	\$ 379,200			
	13	Early cancellations	@ \$400	-5,200			
	30	Cancellations	@ \$350	-10,500			
29%	397	Registrations	@ \$500	198,500			
	4	Cancellation	@ \$450	-1,800			
	2	Special Cancellation	@ \$500	-1,000			
	3	On-site registrations	@ \$500	1,500			
	0	Student	@ \$100	0			
	0	Special Registration	@ \$400	0			
	2	Other credits	@ \$100	-200			
Registration Subtotal				560,500	558,200	517,440	40,760
	0	Deadbeat Payment	@ \$500		0	0	0
Interest					267	60	207
Other (Hotel comps and commission)					60,817	0	60,817
TOTAL Session Income					\$ 619,284	517,500	101,784
Session Expenses					Actual	Budget	
Audio Visual Rentals					20,964	15,000	(5,964)
Audit					6,000	8,000	2,000
Bank Charges					238	500	263
Copying					4,352	3,500	(852)
Credit Card Discounts & Fees					20,425	14,515	(5,910)
Equipment					1,262	9,000	7,738
Get IEEE 802 Contribution					97,425	90,000	(7,425)
Insurance						0	0
Meeting Administrator					85,394	75,064	(10,330)
CD production					1,375		
Misc Expenses					1,951 *	500	(1,451)
Networking					72,675	65,000	(7,675)
Phone & Electrical					352	2,100	1,748
Refreshments					118,502	96,000	(22,502)
Shipping					14,427	6,500	(7,927)
Social					49,400	42,000	(7,400)
Supplies					346	500	154
TOTAL Session Expense					\$ 495,087	428,179	(66,908)
Other Income/Expense					0		
NET Session Surplus/(Deficit)					\$ 124,197	89,321	34,876
Analysis							
Refreshments per registration					88	80	(8)
Social per registration					37	35	(2)
Meeting Admin per registration					63	62.55	(1)
Surplus/(Loss) per registrator					92	74	18
Pre-Registration ratio					0.70	0.69	
Cash on hand as of Mar 10, 2007					\$ 606,921		
Reserve for unpaid expenses for prior sessions					(170,000)		(est: depends on resolutior
Reserve for other outstanding commitments					(5,600)		(Avilar fees)
Income received for current session					(32,754)		
Expenses prepaid for current session					44,905		
Expenses prepaid for future sessions					0		
Operating Reserve following this sessior					\$ 443,473		

IEEE Project 802

Estimated Statement of Operations

March 2007 Plenary Session

Orlando, FL

As of March 10, 2007

Meeting Income	<i>Estimate</i>	<i>Budget</i>	<i>Variance</i>
Registrations	1,393	1,200	193
Registration income	602,969	519,600	83,369
Cancellation refunds	(12,059)	(9,353)	
Deadbeat collections		0	0
Bank interest	200	200	0
Other income	50,000	50,000	0
TOTAL Meeting Income	641,109	560,447	80,662
Meeting Expenses	<i>Estimate</i>	<i>Budget</i>	<i>Variance</i>
Audio Visual Rentals	20,000	18,000	(2,000)
Audit	0	0	0
Bank Charges	250	500	250
Copying	3,500	3,500	0
Credit Card Discount	17,951	14,549	(3,402)
Equipment Expenses	11,000	11,000	0
Get IEEE 802 Contribution	112,500	112,500	0
Insurance	3,000	2,500	(500)
Meeting Administration	84,300	75,064	(9,236)
Misc Expenses	1,500	2,000	500
Network	60,000	60,000	0
Phone & Electrical	2,500	2,500	0
Refreshments	111,403	120,500	9,097
Shipping	6,500	6,500	0
Social	55,701	45,000	(10,701)
Supplies	1,000	1,000	0
Other Discounts	0	0	0
TOTAL Meeting Expense	491,106	475,113	(15,993)
NET Meeting Income/Expense	150,004	85,334	64,669
Analysis			
Refreshments per registration	80	100	20
Social per registration	40	38	(3)
Meeting Administration per reg	61	63	2
Networking per registration	43	50	7
Get IEEE 802 Contribution per	81	94	13
Surplus/Deficit per registration	108	71	37
Pre-registration rate	67%	67%	

LMSC Policy and Procedures Update

Author:

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

Date: March 12th, 2007

What are the LMSC P&P?

- P&P is short hand for Policies and Procedures
- LMSC P&P are the ‘rules’ that govern the IEEE 802 LMSC
- LMSC P&P can be found at
 - <http://grouper.ieee.org/groups/802/policies-and-procedures.pdf>
- Working groups also have P&P
- Other ‘Governance’ documents from
 - IEEE Standards Association
 - IEEE Computer Society
- P&P Review Session usually held Sunday Night before Plenary
 - Review current P&P issues
 - All participants welcome

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>
- No current P&P revision ballots
 - We've been waiting till AudCom issue addressed
- Two new P&P revisions being proposed
 - AudCom Revisions
 - Minimum Sponsor Recirculation Ballot Length
 - Vote for electronic ballot on Friday
- Held Sunday Night P&P Review covering
 - AudCom issues and concerns with LMSC P&P
 - Minimum Sponsor Recirculation Ballot length
 - General concerns: Definition of Member, changes at SA, etc

Proposed LMSC P&P Revision Ballots

- AudCom Issues and Concerns
 - Latest Revision sent to EC Reflector in file titled:
 - 802.0-AudCom_-_Proposed_LMSC_P&P_Revision_Ballot_070311_r0.doc
 - Concerns Addressed
 - Rights of the participants and due process
 - Responsibilities of the LMSC chair and officers
 - IEEE Code of Ethics requirements
- Sponsor Recirculation Length
 - Make minimum same as for WG Letter Ballot
- Votes to ballot both planned for Friday

Questions?

- Contact Matthew Sherman
 - matthew.sherman@baesystems.com

Pat Thaler reported that online training is not being utilized to the extent expected. She provided an overview of what the training covers. She asked for those that have signed up and not completed the course to contact her with feedback. She reported that there will be an ad hoc meeting on the topic of training at Wednesday 4:30pm.

Tutorial Schedule

Monday	Tuesday
1) Patent Policy 6:30-8:00PM sponsor: Grow	3) Emergency Svcs for 802 6:30-8:00PM sponsor: Kerry
2) Video over 802.11 8:00-9:30PM sponsor: Kerry	4) Open Office Hours 8:00-9:00PM sponsor: Nikolich

EC meetings for the week

(held in Regents Boardroom)

- Tuesday 9-noon reserved (Paul)
- Tuesday noon-1pm open
- Tuesday 1-2pm open
- Tuesday 4-8pm open
- Tuesday 8-9pm Open Office Hours
- Tuesday 8-10pm IMT Advanced (802.18 RR mtg, location TBD)

- Wed 9-10am ISO/IEC SC6 – 802 input and coordination (Thompson/Walker)
- Wed 10-11am getIEEE 802 budget review (Hawkins)
- Wed 11-noon IEEE AudCom- 802 EC response (Nikolich)
- Wed noon-1pm open
- Wed 1-3pm 802 Task Force (Nikolich)
- Wed 3-4pm Attendance SW and Document Management discussion (Rigsbee)
- Wed 4:30-5:30pm improving 802 training (Thaler)

- Thursday 10-11am open
- Thursday 11am-1pm open
- Thursday 1-2pm open
- Thursday 5-7pm open

Q&A

- Please step up to one of the microphones set up in the aisles to ask your questions

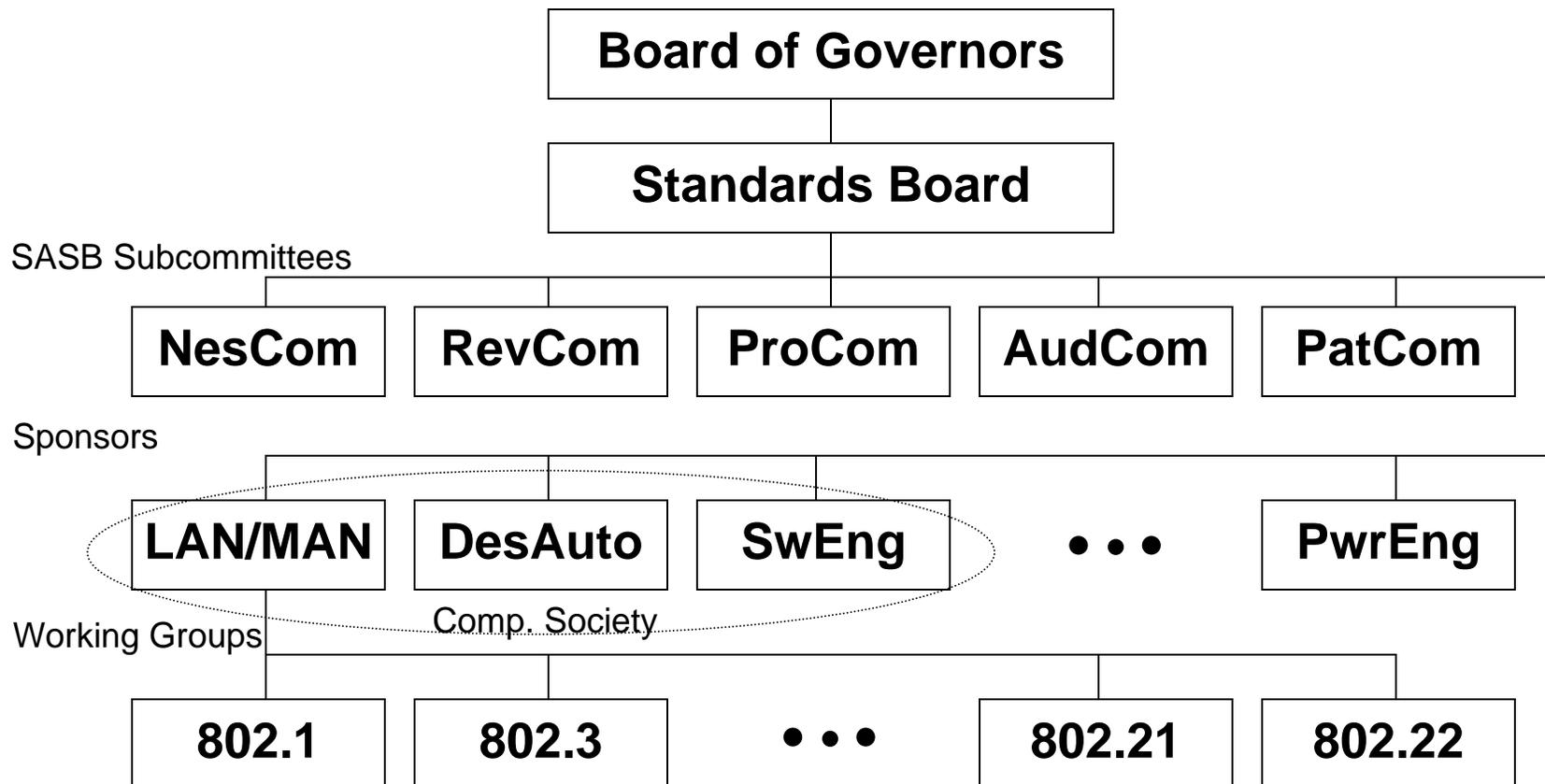
Overview of IEEE-SA Process and Patent Policy Changes

Robert M. Grow
Chair, IEEE 802.3 Working Group
Member IEEE-SA Standards Board
bob.grow@ieee.org
IEEE-SA web site: standards.ieee.org

Major areas of policy refinement

- Affiliation & Dominance
- Code of Ethics
- Process automation (myProject)
- Patent policy

Simplified IEEE-SA Hierarchy



Affiliation policy

- Requirement to declare affiliation at all standards development meetings
 - Affiliation not necessarily same as employer
 - Declaration requirement may be familiar to some 802 WGs, though WG declaration process may evolve
 - Failure to declare
 - No attendance credit
 - Possible loss of voting member privileges
 - Greater penalties possible for false or misleading declaration
- Affiliation declaration will be added to Sponsor ballot
- January (and possibly this week's) IEEE 802 experience is basis for a Frequently Asked Questions document to be distributed soon

IEEE Code of Ethics

- IEEE-SA participation being consistent with IEEE Code of Ethics existed previously
 - IEEE Membership is encouraged but not required for standards participation
 - Ethics & Member Conduct Committee only has authority over IEEE members
- Standards Conduct Committee approved
 - Scope limited to IEEE-SA participation
 - Consider charges of CoE violation
 - Determine penalties to participants and their affiliation
 - Procedures reference Ethics & Member Conduct Committee procedures

myProject program

- New myProject features are rolling out to support these IEEE-SA procedural changes
- New features to be introduced will support:
 - Integration with attendance software
 - Code of Ethics acknowledgement
 - Copyright acknowledgement
 - Declaration of affiliation for IEEE-SA activities
 - Centralized IEEE-SA participant list
 - IEEE-SA privacy policy
- Eventually, all IEEE-SA participants (not just Sponsor Ballot participants) will be expected to have an IEEE web account

New Patent Policy

- A significant update of IEEE-SA's patent policy
- Draft modifications developed by PatCom with extensive industry participation over more than a year
 - Major high-tech corporate counsel
 - Volunteers, staff and IEEE counsel
 - Public comment and response review
 - Review/revisions of patent policies by other SDOs
- Standards Board and Board of Governors approved
 - Becomes effective 30 April 2007
 - Educational support material is pending
- Governing documents are the authoritative reference
 - Policy – IEEE-SA Standards Board Bylaws
 - Implementation – IEEE-SA Standards Board Operations Manual

Patent Policy – Underlying principles

- Balance needs of intellectual property (IP) holders and implementers of standards
- IP costs are a valid consideration in standards development technology selection
- Balance the benefits of more information with recognition that working groups are technical activities
 - There are things that participants (mostly engineers) are not qualified to discuss
 - Standards development meetings aren't venues for legal discussions between lawyers
 - Avoid anti-trust (competition law) violations

New policy Highlights

- Based on assurance, not specific disclosure
- Better transparency
 - Improve competitive analysis of technology alternatives
 - Limited discussion of IP costs will be allowed in standards development meetings
 - LOAs may be distributed (not discussed) at meetings
- Improved Letter of Assurance
 - Use of LOA form is mandatory
 - Publication of terms allowed with LOA
 - Allow flexibility in licensing terms
- Improved confidence in LOA applicability and durability
- No duty to search

More patent policy information

- Patent Policy tutorial tonight
 - More details and features will be presented
 - All LMSC and WG leadership are requested to attend
 - Any IEEE 802 participant is welcome to attend
- Educational and support material to be available before policy becomes active
 - New patent slides for use in meetings
 - Standards Companion updates
 - Refined tutorial slide set
 - Frequently asked questions document
 - Anti-trust (competition law) guide

Q: does a person need to declare their affiliation before speaking?

A: No, there is no such requirement.

5 Buzz welcomed everyone to Orlando. He asked that everyone pick up the information for attendees to familiarize themselves with the services and attractions available in the area.

8.01 PL IEEE 802 PLENARY MEETING ENDS

12:00 PM

10 The meeting was adjourned at 12:01pm

Respectfully submitted,

Bob O'Hara

Recording Secretary