

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

Monday, November 13, 2006 – 8:00 a.m.

Dallas, TX

- 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 (absent) - Chair, IEEE 802.11 – Wireless LANs Working Group
- Bob Heile (absent) - Chair, IEEE 802.15 – Wireless PAN Working Group
- 15 Roger Marks - Chair, IEEE 802.16 – Broadband Wireless Access Working Group
- Mike Takefman - 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 08:00 AM

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

Announcements: Bob Heile is out this week. Rick Alfvén is sitting in his chair. Stuart Kerry is ill. Harry Worstell is sitting in his chair.

30 **2.00 MI APPROVE OR MODIFY AGENDA - Nikolich 4 08:01 AM**

**r05 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

4.00 II Update on anonymous letter investigation - Nikolich 2 08:05 AM

4.01 - 08:07 AM

Category (* = consent agenda) 08:07 AM

Stds Board items 08:07 AM

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

5.01 II 802.20 update - Nikolich/Mills 5 08:09 AM

5.02	II	PARS to NesCom	-	Nikolich	2	08:14 AM
5.03	II	List of Drafts to Sponsor Ballot	-	Nikolich	2	08:16 AM
5.04	II	List of Drafts to Revcom	-	Nikolich	2	08:18 AM
5.05	II		-			08:20 AM
						08:20 AM
SA items						08:20 AM
6.00	II	IEEE Staff Introductions	-	Nikolich	2	08:20 AM
6.01	II	802 Task Force update	-	Nikolich	5	08:22 AM
6.02	II	Ombudsman update	-	Kenney	2	08:27 AM
6.03	II	Get IEEE802 program update	-	Kenney	5	08:29 AM
6.04	II	802 attendance software	-	LaBelle/Camp	5	08:34 AM
6.05	II	Online Training Update	-	Thaler	5	08:39 AM
6.06	II		-			08:44 AM
6.07	II		-			08:44 AM
6.08	II		-			08:44 AM
6.09	II		-			08:44 AM
6.10	II		-			08:44 AM
						08:44 AM
LMSC items						08:44 AM
						08:44 AM
7.00	II	TREASURER'S REPORT	-	Hawkins	5	08:44 AM
7.01	II	LMSC Email Ballot Recap	-	Nikolich	5	08:49 AM
7.02	MI	LMSC Meeting Fee Waivers	-	Nikolich	2	08:54 AM
7.03	II	Tutorial schedule	-	Nikolich	5	08:56 AM
7.04	II	JTC1/SC6 update	-	Thompson	5	09:01 AM
7.05	II	China Liaison	-	Marks	2	09:06 AM
7.06	II	P&P update	-	Sherman	15	09:08 AM
7.07	II	Architecture Group update	-	Jeffree	5	09:23 AM
7.08	II	notice of PARs under consideration	-	WG chairs	5	09:28 AM
7.09	II	notice of Study Groups under consideration	-	WG chairs	5	09:33 AM
7.10	II	Application of coexistence requirements to existing projects	-	Marks	10	09:38 AM
7.11	II	Confirm Geoff Thompson's appointment to the RAC	-	Nikolich	2	09:48 AM
7.12	II	Appeal Status Update	-	Nikolich	5	09:50 AM
7.13	II	Meeting planner contract update	-	Rigsbee	2	09:55 AM
7.14	II	Network services provider contract update	-	Rigsbee	5	09:57 AM
7.15	II	TAG reciprocal voting rights	-	Lynch	2	10:02 AM
7.16	II		-			10:04 AM
7.17	II		-			10:04 AM
7.18	II		-			10:04 AM
7.19	II		-			10:04 AM
7.20	II		-			10:04 AM
7.21	II	Revised Opening Plenary update	-	Nikolich	2	10:04 AM
7.22	II		-			10:06 AM
7.23	II		-			10:06 AM
7.24	DT	EC meeting schedule (rules, SA, etc.)	-	Nikolich	3	10:06 AM
		ADJOURN SEC MEETING	-	Nikolich		10:09 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

Motion: to approve the agenda as modified.

Moved: Grow/Jeffree

5 **Passes: 14/0/0**

4.00	II	Update on anonymous letter investigation	- Nikolich	2	08:03 AM
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IEEE Board of Directors Action

7 July 2006

Paul Nikolich, Chair
IEEE LAN/MAN Standards Committee

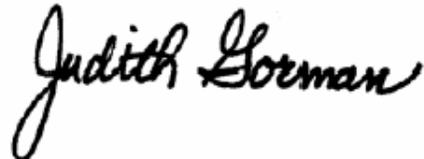
Dear Paul:

As you are already aware, IEEE received an anonymous letter dated 14 March 2006, containing several allegations critical of the practices and procedures associated with IEEE 802 meetings. IEEE's Board of Directors has retained the law firm of Dorsey & Whitney LLP to conduct a thorough, independent, and expeditious investigation of these allegations. IEEE has instructed its staff to cooperate fully with this inquiry and hopes its volunteers do likewise.

At the conclusion of its investigation, Dorsey will report its findings to the Board of Directors. At that time, the need for additional communication will be determined.

Thank you for your patience during this process. Please feel free to contact me via email at j.gorman@ieee.org.

Sincerely,



Managing Director, IEEE-SA

cc: Claire Topp, Counsel, Dorsey & Whitney
Don Heirman, President, IEEE-SA
Steve Mills, Chair, IEEE-SA Standards Board

IEEE Board of Directors Action

- Status from Jeff Raynes, IEEE executive director:
“As far as a report to the 802 LMSC plenary session on the 13th, please feel free to tell them that the investigation is complete and the IEEE Board of Directors will be reviewing the results at a meeting on November 19 and interested parties can expect to receive a report thereafter.”
- Received via email 6NOV2006

4.01

-

Category (* = consent agenda)

Stds Board items

5.00

II

Stds Board Actions (approved projects, standards, withdrawals)

-

Nikolich

2

08:04 AM

September 2006

SA Standards Board Actions

Standards Approved

New:

P802.3aq/D4.0 Amendment: Physical Layer and Management Parameters for 10 Gb/s Operation, Type 10GBASE-LRM

P802.3as/D3.3 - Amendment: Frame Format Extensions

P802.16/Conformance04/D7 Standard for Conformance to IEEE 802.16 - Part 4: Protocol Implementation Conformance Statement (PICS) Proforma for Frequencies below 11 GHz

Revisions:

none

Reaffirmations:

none

Corrigendum:

none

Withdrawals:

none

September 2006

SA Standards Board Actions

Projects Approved

New:

P802.1Qat - Virtual Bridged Local Area Networks - Amendment: 9: Stream Reservation Protocol (SRP)

P802.1Qau - Virtual Bridged Local Area Networks - Amendment: 10: Congestion Notification

P802.3av - Amendment: Physical Layer Specifications and Management Parameters for 10Gb/s Passive Optical Networks

P802.16-2004/Cor 2 - Corrigendum 2

P802.22.2 -Recommended Practice for the Installation and Deployment of IEEE 802.22 Systems

Revisions:

P802.1H –Technical Report and Guidelines Media Access Control (MAC) Bridging of Ethernet in Local Area Networks

Reaffirmations:

None

Extensions:

P802.11k - Approval Requested until December 2008 (first time extension request)

September 2006

SA Standards Board Actions

802.20 Working Group Reorganized and Reactivated

LMSC Operating Conditions post suspension:

- objective is for WG to complete its work
- WG participants must complete Disclosure of Affiliation Forms
- WG shall start meeting again per their normal schedule

- Arnie Greenspan appointed to 802.20 WG Chair
 - 802.20 VC positions vacated, need filling
- 802.20 Web Site reactivated
- 802.20 Email reactivated
- Appeals continue per original schedules

- LMSC Oversight Committee appointed: Greenspan, Thompson and Takefman
- SASB Oversight Committee appointed.
 - SASB: Steve Mills, Don Wright, Rich Hulett, Bill Goldbach, and Bruce McClung.
 - Staff: Karen Kenny and Rona Gertz. - Counsel: Claire Topp and Michael Lindsey
- Non conflicted LMSC EC established:
 - Nikolich, Thaler, Hawkins, O'Hara, Rigsbee, Jeffree, Heile, Takefman, Lynch, Greenspan and Thompson

Arnie provided an introduction of himself, describing his background in standards development, engineering, and business.

Arnie was asked if there are any volunteers for vice chair. He responded that he had not received any notice of volunteers.

5.02 II PARS to NesCom

- Nikolich

2

08:14 AM

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Draft PARs to NesCom

- **P802.1AB** – Station and MAC Connectivity Discovery revision
- **P802.1Qav** - Forwarding and Queuing Enhancements for Time-Sensitive Streams
- **P802.1Qaw** - Management of data driven and data dependent connectivity faults

- **P802.15.4d** – Amendment (950 MHz in Japan)

- **P802.16m** – Amendment Advanced Air Interface

- P802.3ar—possible
- P802 Overview and Architecture, possible revision PAR as maintenance item
- P802.1AE corrigenda—Maint
- P802.3an-2006 corrigenda--Maint

Bob Grow reported that 802.3ar will be discussed in the working group and might reappear. He also reported that an 802.3-2006 corrigendum PAR may also appear. Tony indicated that there may be a revision PAR coming for P802. He reported that an 802.1 AE corrigendum PAR might be sent to the EC.

5.03 II List of Drafts to Sponsor Ballot

- **Nikolich**

2

08:20 AM

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Draft Standards to Sponsor Ballot

- 802.1 (ag-Connectivity Fault Mgmt)
- 802.3 (none)
- 802.11 (none)
- 802.15 (none)
- 802.16 (g-Mgmt Plane Proc and Svcs)
- 802.17 (none)

Draft Standards to RevCom

- 802.1 (O&A, conditional; ak-Virtual Bridged LAN: Mult Reg Port, conditional)
- 802.3 (1802.3 reaffirmation, conditional; ap-Backplane Enet, conditional)
- 802.11 (ma-802.11 revision)
- 802.15 (802.15.4a-Alternate PHY, conditional)
- 802.16 (k-MAC bridges, conditional)
- 802.17 (b-Spatially Aware Bridges, conditional)

5.05 II

-

SA items

6.00 II

IEEE Staff Introductions

-

Nikolich

2

08:27 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
- Clyde Camp: Staff support for myballot and myproject, Consultant
- Michael Lindsay: IEEE SA Counsel

IEEE-SA/802 Task Force

- Meeting held 14SEP2006 SASB meeting
 - Topics:
 - 1) MyBallot/MyProject update: Kipness
 - 2) European Patent Office: Law-EPO gets info access for prior art search
 - 3) getIEEE802 budget: Kenney/Hawkins
 - 4) RevCom convention 6: Law
 - 5) JTC1 status: Thompson soliciting input for SC6 request
 - 6) EC Exec Session output: Nikolich
 - 7) IEEE hosting issues for 802 equipment: Napoli
 - 8) Ombudsman feedback: Kenney
 - 9) Anonymous letter feedback: Gorman
 - Participants:
 - Paul Nikolich, Steve Shellhammer, Jon Rosdahl, Bob Grow, Sahr, Grow, Camp, Law, Glenn Parsons, Geoff Thompson, Luigi Napoli, Sue Vogel, Claire Topp, Mike Kipness

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
- RevCom convention 6 – Grow/Law
- myBallot/myProject update – Kipness

- Wednesday 1-3pm

David Law clarified that the EPO would have access to the individual drafts on the IEEE web site.

6.02 II Ombudsman update - Kenney 2 08:36 AM

5 There was little activity, only two legitimate postings. She responded to these informational requests. There has been not other activity. Paul asked that the chairs let their members know of the existence of the ombudsman position and function.

6.03 II Get IEEE802 program update - Kenney 5 08:38 AM

Get IEEE 802[®] Update 16

For LMSC November Plenary

Karen Kenney, Associate Managing Director,
Business Administration

13 November 2006
Dallas, TX



Downloads

- **Program to date** **2,540,033**
- **Year to date** **352,707**
- **Weekly average** **7,577**
- **Most requested**
 - **802.11™, .11a, .11b, .11i, .11g**
 - **802.3™**
 - **802.15.4**
 - **802.16**

User Type (Year to Date)

USER	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	YTD Total
Academic/Student:	17279	16,612	19,507	14,686	16,153	13,949	13,594	14,891	16,772	143,443
Attorney/Legal			45	180	189	231	156	185	149	1,135
Other:	6122	5,854	6,043	5,194	5,612	5,179	6,262	6,499	6,719	53,484
Network equipment manufacturer:	4309	3,647	4,047	3,294	3,900	3,904	4,923	4,724	5,162	37,910
Public network service provider:	2501	2,743	2,937	2,382	2,502	2,353	2,802	2,658	2,724	23,602
Network Software Developer/Manufacture	3004	2,705	3,039	2,310	3,128	3,880	3,111	3,079	3,470	27,726
Systems Administrator:	1960	2,604	2,191	1,772	1,878	1,761	2,068	1,785	1,800	17,819
Standards Developer:	1523	1,439	1,499	1,243	1,326	1,489	1,571	1,531	1,760	13,381
Network silicon manufacturer:	807	766	942	807	975	1,160	1,272	1,294	1,044	9,067
Private network service provider:	1135	1,148	1,576	1,194	1,137	1,085	1,059	1,176	1,328	10,838
Government:	1270	1,059	1,159	979	1,184	991	1,316	1,215	1,326	10,499
Journalist/Analyst/Author	565	463	580	344	300	372	380	414	385	3,803
Curious Citizen										-
Total	40,475	39,040	43,565	34,385	38,284	36,354	38,514	39,451	42,639	352,707

User Type (4/03-9/06)

USER	PTD Total
Academic/Student:	746,776
Attorney/Legal	1,135
Other:	282,696
Network equipment manufacturer:	198,656
Public network service provider:	126,676
Network Software Developer/Manufacturer	127,006
Systems Administrator:	99,241
Standards Developer:	67,378
Network silicon manufacturer:	51,331
Private network service provider:	60,671
Government:	56,469
Journalist/Analyst/Author	22,376
Curious Citizen	74
Total	1,840,485

Program Entries

Nov 2006 – Feb 2007

<u>Std</u>	<u>On or about</u>
802.15.3b-2005	11/5/06
802.1Q-2005	11/19/06
802.1ad-2005	11/26/06
802.3-2005/Cor 1	12/26/06
802.1AE-2006	2/18/07

Get *IEEE 802*® Update 16

October Approvals

IEEE Std

Tentative Pub Date*

802.16/Conf.04

15 Mar 2007

*Documents will not enter the Get IEEE 802® for one year

Further Analysis of the Get IEEE 802® Program

- **Unit Sales vs Download stats**
- **Geographical Analysis**

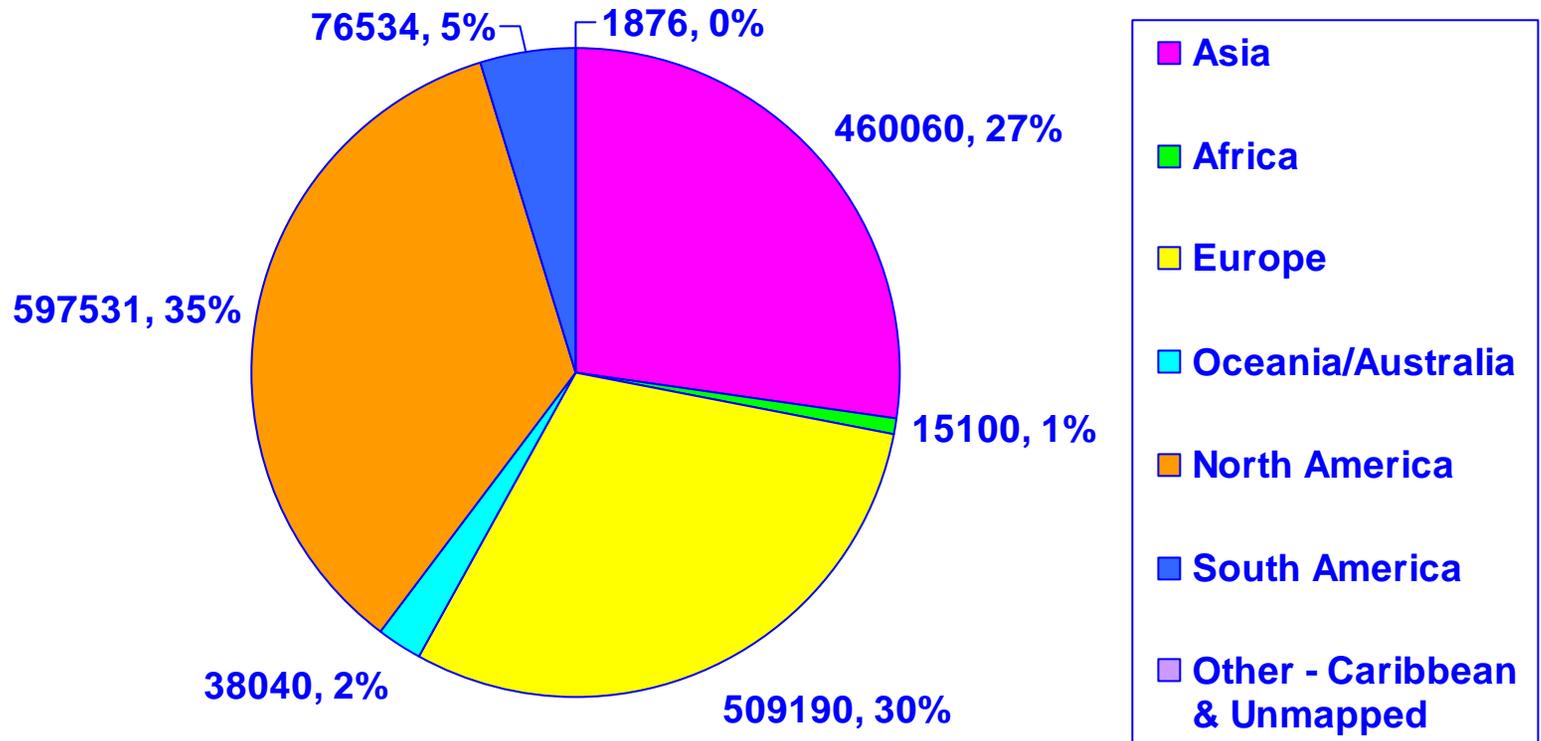
Unit Sales vs Get IEEE 802® Downloads (Top 10)

Std	Total Unit Sales	Program Entry Date	Total Downloads
802.3-2002	197	Sep '02	289,740
802.11-1999	939	May '01	239,588
802.11b-1999	479	May '01	174,522
802.11a-1999	319	May '01	135,965
802.3-2000	386	May '01	106,795
802.1q-1998	439	May '01	84,357
802-2001	140	Sep '02	68,589
802.2-1998	855	May '01	64,431
802.1x-2001	133	Feb '02	60,725
802.1d-1998	504	Feb '02	59,677

Conclusions

- On average the total downloads from the Get IEEE 802[®] program were 400 times that of the total sales units

Get IEEE 802® Downloads Geographical Analysis



Get IEEE 802® Top 10 Countries

- **United States – 513,843**
- **China – 108,958**
- **Germany – 83,516**
- **India – 79,843**
- **United Kingdom – 65,644**
- **Japan – 63,397**
- **Taiwan – 61,793**
- **Canada – 60,448**
- **France – 43,731**
- **Italy – 41,424**

Data Analysis Reports

Provided on CD to John Hawkins

- **802 Analysis**
- **Download Files by Country**
- **Usertypes by Country**
- **Downloads by Usertypes**
- **Downloads by Country**
- **Download Files by Usertype**

Analysis to Continue

- **Document the assumptions of the program**
 - Understand the original numbers to know if they are still valid today
- **Corporate Value Creation – Sponsorship Enhancement**
 - Evaluate revenue trends for print
- **Alternate revenue sources**
 - Is the value still in print sales?
 - Is there a licensing angle?
 - Download fee options
- **Financial analysis on expenses for 802 oversight**
- **Develop recommendations for discussion at March 2007 Plenary**

John Hawkins asked for confirmation that the LMSC contribution is under budget. Karen indicated she would double check the numbers.

5 Karen reported the publication dates of new standards entering the program would not be available on the Get IEEE 802 web site for one year. Bob Grow indicated that two of the 802.3 standards were already published, not yet to be published as indicated in the slide.

10 Roger asked if the SA gets a share of the "Explore" program. Karen indicated that a share of that income is credited to the SA and shows in the Get IEEE 802 program budget on the "other subscriptions" line.

Karen presented a disk with raw data from the program to John Hawkins. She asked that the data remain confidential to the EC and available only through a protected web site.

15 Geoff asked if there is budget from a previous program where standards were sent to developing countries to fund part of the Get IEEE 802 program downloads to those same countries.

Buzz asked if there has been any progress of charging a minimal fee for each download. Karen responded that she has been working with the customer service group and others to find out how to make that happen.

6.04 II 802 attendance software - LaBelle/Camp 5 08:54 AM

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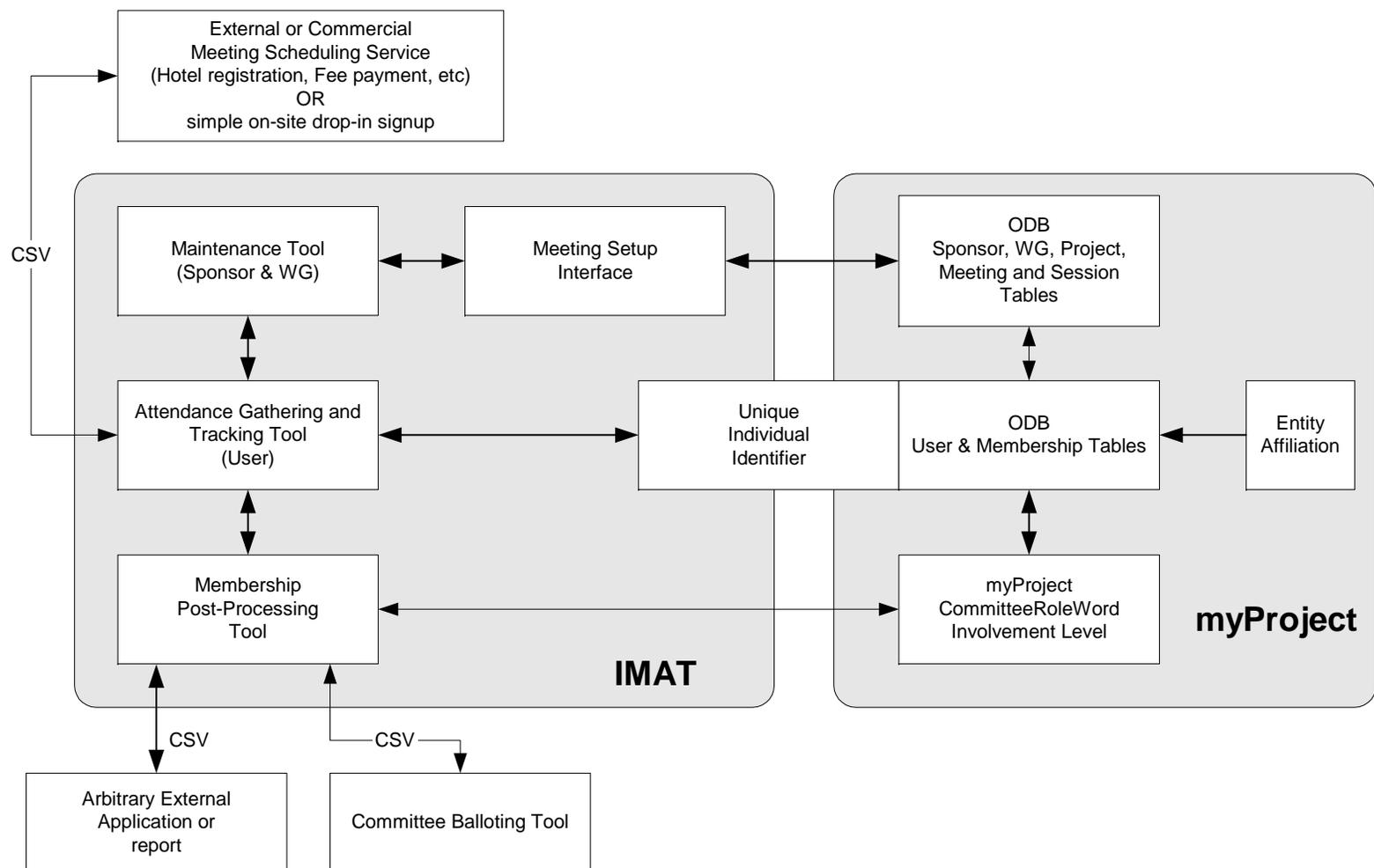
The background features a large, light gray watermark of the IEEE-SA logo, which consists of a diamond shape containing a stylized white figure of a person with arms raised, surrounded by a circular path.

IEEE-SA Meeting Attendance Tool (IMAT)

**LMSC Executive Committee
13 November 2006
Dallas, TX
Bob Labelle/Clyde Camp**



IMAT Block Diagram



What/When/How Much?

- **What:** IEEE-SA will implement IMAT to meet the needs of LMSC per IMAT spec 09+
- **When:** During 2007, available 2008
- **How Much:** Zip, Zilch, Nada
- **Other:**
 - The Interim tool will continue to be supported until IMAT is functional
 - IMAT will be able to import the interim tool's data records
 - Partnership between IEEE-SA and LMSC
 - Details, Details, Details

Mat asked if this will tie into meeting registration. Clyde indicated that the systems will remain separate, but the attendance software will import the registration data from that system. Mat also asked if this system will also include entity affiliation data. Clyde indicated that MyBallot must collect that beginning January 2007. Paul said that there will be a meeting Wednesday, 3-4pm to discuss the project.

5

6.05 II Online Training Update - Thaler 5 09:01 AM

Pat reported that she has trouble getting volunteers for the newcomer training. She needs the working groups to sign up to provide a person to perform this function. The training has been very well received. She asked that it rotate through each of the groups.

6.06 II -

6.07 II -

6.08 II -

6.09 II -

6.10 II -

LMSC items

7.00 II TREASURER'S REPORT - Hawkins 5 09:06 AM

10

DRAFT

**IEEE Project 802
Statement of Operations
March 2006 Plenary Session
San Diego, CA
As of Nov 13, 2006**

Session Income				Est/Act	Budget	Deviation
	Net Registrations			1,350	1,200	150
71%	962	Early Registrations	@ \$400	\$ 384,800		384,800
	42	Early cancellations	@ \$400	-16,800		
	25	Cancellations	@ \$350	-8,750		
29%	388	Registrations	@ \$500	194,000		194,000
	3	Cancellation	@ \$450	-1,350		
	0	Special Cancellation	@ \$500	0		
	0	On-site registrations	@ \$500	0		
	0	Student	@ \$100	0		
	0	Special Registration	@ \$400	0		
	3	Other credits	@ \$100	-300		
	Registration Subtotal			551,600	497,465	34,935
	0	Deadbeat Payment	@ \$500	0	0	0
	Interest			139	60	79
	Other (Hotel comps and commission)			103,667	0	103,667
TOTAL Session Income				\$ 636,206	497,525	138,681
Session Expenses				Actual	Budget	
	Audio Visual Rentals			27,107	15,000	(12,107)
	Audit			0	8,000	8,000
	Bank Charges			106	500	395
	Copying			3,312	3,500	188
	Credit Card Discounts & Fees			15,904	14,515	(1,389)
	Equipment Expenses			12,926	9,000	(3,926)
	Get IEEE 802 Contribution			96,000	90,000	(6,000)
	Insurance				0	0
	Meeting Administrator			80,726	75,064	(5,662)
	Misc Expenses			3,977 *	500	(3,477)
	Networking			59,675	65,000	5,325
	Phone & Electrical			1,676	2,100	424
	Refreshments			150,381	96,000	(54,381)
	Shipping			12,631	6,500	(6,131)
	Social			65,989	42,000	(23,989)
	Supplies			349	500	151
TOTAL Session Expense				\$ 530,759	428,179	(102,580)
Other Income/Expense				0		
NET Session Surplus/(Deficit)				\$ 105,447	69,346	36,101
Analysis						
	Refreshments per registration			111	80	(31)
	Social per registration			49	35	(14)
	Meeting Admin per registration			60	62.55	3
	Surplus/(Loss) per registrator			78	58	20
	Pre-Registration ratio			0.71	0.85	
Cash on hand as of Nov 1, 2006				\$ 419,141		
Reserve for uninvoiced expenses for prior sessions				0		
Reserve for other outstanding commitments						
Income received for current session				(8,000)		
Expenses prepaid for current session				28,280		
Expenses prepaid for future sessions				7,209		
Operating Reserve following this session				\$ 446,630		

* Misc items: Hotel gratuity \$1,500 + registration counter rentals: \$2,477

IEEE Project 802
Estimated Statement of Operations
Nov 2006 Plenary Session
Dallas, TX
As of Nov 1, 2006

Meeting Income	<i>Budget</i>	<i>Estimate</i>
Registrations	1,200	1,350
Registration income	528,000	580,500
Cancellation refunds	(10,560)	(11,610)
Deadbeat collections	0	0
Bank interest	60	60
Other income	0	61,770
TOTAL Meeting Income	517,500	630,720
Meeting Expenses	<i>Budget</i>	<i>Estimate</i>
Audio Visual Rentals	22,000	29,000
Audit	6,000	6,000
Bank Charges	500	500
Copying	3,750	3,750
Credit Card Discount	14,784	17,415
Equipment Expenses	11,000	11,000
Get IEEE 802 Contribution	90,000	101,250
Insurance	0	0
Meeting Administration	75,064	82,260
Misc Expenses	2,000	2,000
Network	60,000	75,000
Phone & Electrical	2,500	2,500
Refreshments	158,000	158,000
Shipping	4,500	15,000
Social	45,000	55,000
Supplies	800	500
TOTAL Meeting Expense	495,898	559,175
NET Meeting Income/Expense	21,602	71,546

LMSC Email Ballot Recap

		yes/no/abs/dnv
• 17 SEP	802 Liaison letter to China	15/0/0/0
• 17 SEP	adopt 802 response to SC6 request	0/2/0/13
• 25 SEP	adopt V10 rev of 802 response to SC6 request	14/1/0/0
• 25 SEP	adopt V11 rev of 802 response to SC6 request	8/0/0/7
• 21 SEP	Fwd 802.17b revised PAR to NesCom	12/0/0/4
• 04 OCT	motion on 802 Interims -- ruled out of order by 802 Chair	

Meeting Fee Waivers

- The following individuals have had their registration fees waived for this plenary session by the LMSC chair.
 - IEEE-SA Staff Participants (see slide 11)
 - Invited Participants
 - Vic Hayes (dot11)
 - Arnie Greenspan (dot20)
 - Cindy-Lee Cook (dot16)

Tutorial Schedule

Monday	Tuesday
1) 802.11s: WLAN Mesh Networking 6:30-8:00PM sponsor: Kerry	3) Overview of 802.15.5 WPAN Mesh 6:30-8:00PM sponsor: Heile
2) IEEE 802.16 and IMT Advanced 8:00-9:45PM sponsor: Marks	4) Overview of CALM 8:00-9:30PM sponsor: Vivek Gupta
	Call For Interest: Rapid PHY Selection for Reduced Energy Consumption 6:30- 8:00 PM sponsor: Grow
	21

Report to 802 EC
Monday, November 13, 2006
802 and ISO-IEC JTC-1 SC6

Geoff Thompson
802 EC Member Emeritus
International Activities Coordinator

(you may recall)
JTC-1 SC6/WG1
last met in Prague in June

At (and just before) the WG1 meeting:

- 802.11i was fully approved for publication as an ISO/IEC amendment.
- WAPI was not approved and no action was taken to resolve neg comments (China NB walked out of the comment resolution meeting)
- It was agreed by all parties to review the “cooperative agreement” and the contents of ISO/IEC TR8802-1 – 2001
- The due date comment submission for the review was 27 September
- Robin Tasker (TR8802-1 editor) was to collect comments
- Tasker to produce DoC report & proposed revised text by 1/1/07

Since last meeting

The following national bodies, etc. submitted comments:

- China, USA, Canada, UK, France
- IEEE 802, IEEE-SA
- Tasker still developing response material
- Tasker says new draft will have most of the technical material deleted
- No other information available at this time
- No US Tag meeting this week

Next regular SC6 and WGs meeting:

- Xian, China
- 16 – 20 April, 2007

Other news

802.1 and 802.3 are expected to have their May interim at ITU-T headquarters in Geneva.

There would be a joint workshop w/ ITU-T at the same venue.

Geoff is the chair of the US TAG and also the 802 “point of contact”.

7.05 II China Liaison

- Marks

2 09:30 AM

China Liaison Report

Agenda Item 7.05 II Marks

- IEEE 802 submitted statement to Chinese officials following EC ballot.
 - CCSA, CESI, MII, SAC
 - http://ieee802.org/16/liaison/docs/802China06_01.pdf
- No response (none expected).
- If any of the WGs have relevant issues, please bring them to the attention of the China Liaison official for coordination.

China Liaison Report

Agenda Item 7.05 II Marks

- IEEE has opened office in Beijing.
- Hua Ning, Director of China Operations, contacted me.
- Asked to be cc'ed on future letters (“I will try my best to support you.”)
- Supports idea of holding 802 plenary in China.
- Prefers Beijing in March or November.
- Will meet with Judi Gorman and Terry deCourcelle this week regarding IEEE-SA.

Roger indicated that the earliest that a plenary in China could happen is late in 2008 or 2009.

7.06 II P&P update

- Sherman

15 09:34 AM

EC

LMSC Policy and Procedures Update

Author:

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

Date: November 13th, 2006

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 conducted
 - WG Voting procedures
 - Abandoned – Intractable differences
- One new P&P revision being proposed
 - AudCom Revisions
 - Vote for electronic ballot on Friday
- Held Sunday Night P&P Review covering
 - AudCom issues and concerns with LMSC P&P

Proposed LMSC P&P Revision Ballots

- AudCom Issues and Concerns
 - Latest Revision
 - <http://grouper.ieee.org/groups/802/secmail/msg08791.html>
 - Concerns Addressed
 - Rights of the participants and due process
 - Responsibilities of the chair
 - IEEE Code of Ethics requirements
 - Vote to send to ballot on Friday

Other Matters

Sunday Night P&P Review Meeting

- Short - Only 2 hours
- Focus on AudCom issues with P&P
- Noted that AudCom Model P&P is in flux
 - We need to comply with model P&P
 - Model P&P is a moving target
- Will soon need update for new AudCom Policy
 - Only P&P posted on AudCom will be valid
 - Can only update P&P one per year
- Limited discussion on Quorum rules
 - May make additions on Quorum to Chairs Guide

7.07 II Architecture Group update - Jeffree 5 09:50 AM

5 Tony reported that there was a short meeting Sunday. Two items resulted. The first was that the wireless architecture subgroup has been closed down. The second topic was that there was a discussion of the architecture group as an activity. The decision was to terminate the Sunday meeting series. It will meet only when there is a specific topic that needs its attention. If the architecture group is to meet in the future, it will be done during one of the tutorial slots.

7.08 II notice of PARs under consideration - WG chairs 5 09:53 AM

These were addressed earlier.

7.09 II notice of Study Groups under consideration - WG chairs 5 09:54 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; potential SG on energy efficient Ethernet
 - 802.11- audio/visual SG
 - 802.15- renew SG alternat phy 4c
 - 802.16- none
 - 802.17- possible SG on dual ring interconnect (protection)
 - 802.18- none
 - 802.19- none
 - 802.20- none
 - 802.21- none
 - 802.22- none

Application of coexistence requirements to existing projects

Agenda Item 7.10 II Marks

According to published 802 P&P:

21. Procedure for Coexistence Assurance

“If indicated in the five criteria, the wireless working group shall produce a coexistence assurance (CA) document in the process of preparing for working group letter ballot and Sponsor ballot.”

Application of coexistence requirements to existing projects

According to published 802.19 web site:

<http://grouper.ieee.org/groups/802/19/pub/ca2.html>

IEEE 802 projects requiring a CA document:

- *802.11n, 802.11s, 802.11 CBP SG, 802.15.3c,
802.15.4a, 802.15.4b, 802.15.5, 802.16h, 802.22*

Observation: In some cases, the five criteria for these PARs does not indicate a CA document.

Application of coexistence requirements to existing projects

From: sshellha@QUALCOMM.COM
To: <STDS-802-SEC@listserv.ieee.org>
Sent: Tuesday, July 19, 2005 3:13 PM

Paul,

In response to your question on Sunday regarding which 802 wireless projects are required to produce a CA document I worked with my 802.11 liaison (Sheung Li) and my 802.15 liaison (Tom Siep) and put together a list of which current projects would require a CA document. I have copied the EC and the 802.19 voter list on this email and am willing to hear discussion on any of this list.

Regards,

Steve

List of projects requiring a CA document: 802.11n, 802.11s, 802.11 CBP SG,
802.15.3a, 802.15.3c, 802.15.4a, 802.15.4b, 802.15.5, 802.16h, 802.22

Application of coexistence requirements to existing projects

Conclusion: 802.19's list of "IEEE 802 projects requiring a CA document" should be revised to include only those projects that so indicate in the five criteria, per:

"If indicated in the five criteria, the wireless working group shall produce a coexistence assurance (CA) document."

Steve reported that Paul had interpreted the procedure to allow him to rule on the projects that had not reached working group letter ballot by the time the rule was published.

Paul asked that those interested in the issue meet at noon to 1pm Tuesday.

5

7.11 MI Confirm Geoff Thompson's appointment to the RAC - Nikolich 2 10:06 AM

This is the end of the 3-year term for both Geoff Thompson and Floyd Backes. Paul indicated that he is asking for interested individuals for these appointments. He would look for a vote to confirm the appointments on Friday.

7.12 II Appeal Status Update - Nikolich 5 10:08 AM

Appeal Update

- Wieczorek/Oprescu/Mollenauer appeal received 21OCT2005
 - LMSC EC hearing conducted 8MAR2006, panel issued original decision 6APR2006, JUpton requested a rehearing 2MAY2006, re-hearing held 17JUL2006, re-hearing decision issued 16AUG2006
 - JUpton filed a SASB appeal regarding the original EC Panel decision 25JUL2006, a reply brief was filed by EC 27OCT2006, hearing scheduled for 4DEC2006, Takefman will represent EC
- Yaghoobi/Puthenkulam appeal received 16FEB2006
 - LMSC EC hearing conducted 19JUL2006, panel issued decision 9AUG2006
- JUpton filed a SASB appeal regarding EC decision not to forward PAR extension request 7APR2006
 - reply brief filed 9JUN2006, hearing held 13SEP2006, Thompson represented EC
 - SASB Panel issued decision 10OCT2006
- JUpton filed a SA BoG appeal regarding SASB decision to suspend 802.20 WG 13JUL2006

Appeal Update

- JUpton filed a SASB appeal regarding SASB decision to remove current 802.20 officers 3OCT2006
 - SA BoG panel hearing scheduled for 28FEB2007
- JUpton filed a SASB appeal regarding SASB decision to dissolve all 802.20 WG ballot pools 12OCT2006
 - SA BoG panel hearing scheduled for 28FEB2007
- Douglas Knisely filed a SASB appeal regarding SASB decision to remove him as 802.20 procedural Vice Chair 17OCT2006
 - SA BoG panel hearing scheduled for 28FEB2007
- Radhakrishna Canchi filed a SASB appeal regarding SASB decision to remove him as 802.20 liaison Vice Chair 18OCT2006
 - SA BoG panel hearing scheduled for 28FEB2007

7.13 II Meeting planner contract update - Rigsbee 2 10:13 AM

Buzz reported that an RFQ for services will be sent out. He said that six service planners are currently in the list to receive the request. He asked for any other full-service providers of which others may be aware.

7.14 II Network services provider contract update - Rigsbee 5 10:17 AM

5 Buzz reported that there is agreement with IEEE on the basic content of the contract. IEEE would like to add their standard boilerplate to the contract, some of which conflicts with material in the remainder of the contract. There is a one meeting contract in place to cover this week's meeting. There is direct conversation between the vendor and IEEE to resolve the contentious boilerplate issues. The desire is to reach agreement and sign the contract by the end of the week.

10 Karen pointed out that any contract in excess of \$250k must be approved by the IEEE Executive Committee.

7.15 II TAG reciprocal voting rights - Lynch 2 10:20 AM

Mike reported that there has been an informal reciprocal voting rights agreement between the working group chairs and the TAGs. He is asking for clarification regarding this policy.

15 Steve asked if this is specific to TAGs and WGs, or if it also applies to reciprocity between WGs.

Mike is asking if there is an official policy for reciprocity between TAGs and WGs. Bob Grow indicated that the chairs have discretion to grant membership (and voting rights). Paul set up a meeting Wednesday noon-1pm to discuss this.

7.16 II Corporate involvement in the individual standards process - Thaler 10:29 AM

20

Corporate involvement in Standards

- Overall discussion on corporate involvement in standards
 - Not a discussion on specific groups
 - Recent experiences in 802.15.3 and 802.20 were used as examples of negative corporate influence

Issues

- Corporate interest will always exist
 - Funds much of standards development
 - Need to legitimize and recognize but keep in bounds
 - Concern about:
 - People showing up purely as corporate numbers escalation without interest in the technical work
 - Ordering or instructing participants how to vote
- Affiliation declaration vs. confidentiality
 - If affiliation can't be disclosed due to confidentiality agreements, individual may not be able to vote.

Solutions?

- Discussion of corporate vs individual voting
 - Doesn't solve problems – groups of corporations and relationships between corporations
 - Offline discussion not necessarily bad
 - Hard to distinguish between backroom bargaining and consensus seeking
- Rules can't fix everything
 - Can't force a consensus when the industry firmly doesn't want it

Jerry Upton asked if the request for affiliation statements would be expanded to all working groups. Bob Grow indicated that this is being added to the SA governance documents.

7.17	II		-			
7.18	II		-			
7.19	II		-			
7.20	II		-			
7.21	II	Revised Opening Plenary update	-	Nikolich	2	10:29 AM

Opening Plenary Agenda

- 1) The usual boilerplate stuff--Financial Report, Patent Policy, Membership Policy, general announcements (tutorials, new PARs, etc.)
- 20 minutes (Nikolich, Sherman, Thaler, Rigsbee, Hawkins, O'Hara, Thompson)
- 2) Q&A from the audience with EC members (Nikolich moderates)
-10 minutes
- 3) Rick Alfvén (for BHeile) presents “non-North American Meeting Venues“
-10 minutes
- 4) Q&A on Mr. Alfvén presentation
- 10 minutes (Nikolich moderates).
- 5) Closing remarks, notices:
- 5 minutes (Nikolich)

Opening plenary meeting update

- Presentation Update :
non-North American meeting venues for
IEEE 802 (Alfvin for Heile)
- Presentation given at opening plenary
meeting
 - 10 min presentation and followed with 10 min
Q&A

7.22	II		-		
7.23	II		-		
7.24	DT	EC meeting schedule (rules, SA, etc.)	-	Nikolich	3 10:29 AM

EC meetings for the week held in Crockett

- Monday 4pm-midnight 802.20 oversight committee (closed meeting)
- Tuesday 9-11am reserved (Paul)
- Tuesday noon-1pm Coexistence Assurance Document policy (Paul)
- Tuesday 1-2pm reserved (Paul)
- Tuesday 4-6pm
- Wed 8-9am tba
- Wed 9-10am getIEEE 802 budget review (Hawkins)
- Wed noon-1pm reciprocal voting policy (Lynch)
- Wed 1-3pm 802 Task Force (Nikolich)
- Wed 3-4pm Attendance SW and Document Management discussion (Rigsbee)
- Wed 4-5pm Network Services Contract (Rigsbee) open
- Wed 5-6pm Open Office Hours (Nikolich, Mills, Kenney, Carlo?)
- Thursday 10-11am open
- Thursday 11am-1pm open
- Thursday 1-2pm open
- Thursday 5-7pm open

ADJOURN SEC MEETING

- **Nikolich**

10:38 AM

The EC meeting was adjourned at 10:38.

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 www.ieee802.org/minutes/mar2006
- 11:15 open mike Q&A all
- 11:30 802 sessions in non-North American venues Alfvin
- 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
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

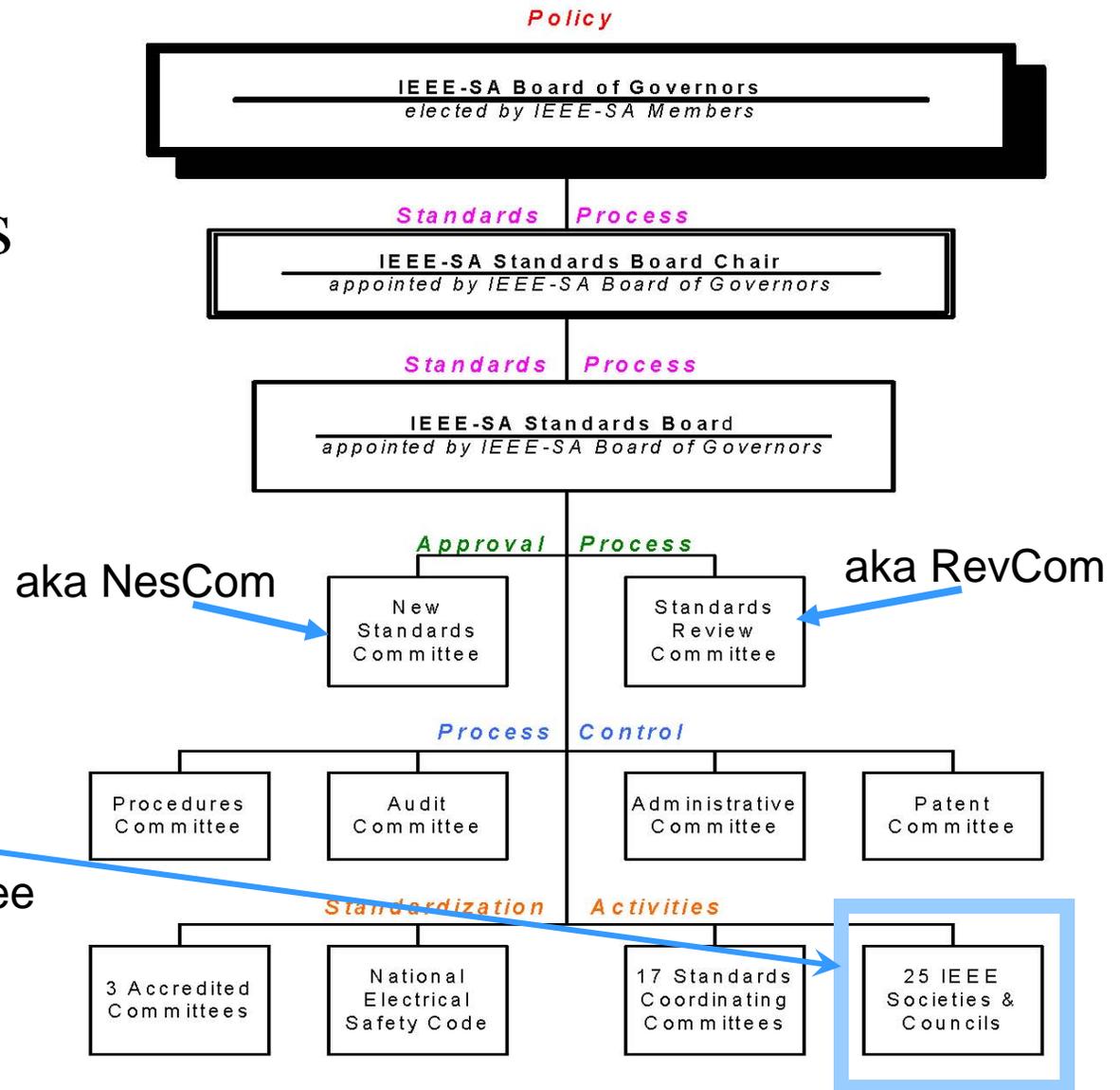
HIBERNATION

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 Action

- Status from Jeff Raynes, IEEE executive director:
“As far as a report to the 802 LMSC plenary session on the 13th, please feel free to tell them that the investigation is complete and the IEEE Board of Directors will be reviewing the results at a meeting on November 19 and interested parties can expect to receive a report thereafter.”
- Received via email 6NOV2006

June 2006

SA Standards Board Actions

802.20 Working Group Activities Suspended until 1OCT2006 by action of SASB

Operating Conditions during suspension:

- Text of official notice available on 802.20 web site
- 802.20 WG Chair retains voting rights on EC
 - Exception: mandatory recusal during vote on appeal re-hearing
- 802.20 Web Site is frozen but accessible to all
- 802.20 Email reflector is frozen
- Appeals continue per original schedule
- Input from 802 members invited by SASB (see following slides)

September 2006

SA Standards Board Actions

802.20 Working Group Reorganized and Reactivated

LMSC Operating Conditions post suspension:

- objective is for WG to complete its work
- WG participants must complete Disclosure of Affiliation Forms
- WG shall start meeting again per their normal schedule

- Arnie Greenspan appointed to 802.20 WG Chair
 - 802.20 VC positions vacated, need filling
- 802.20 Web Site reactivated
- 802.20 Email reactivated
- Appeals continue per original schedules

- LMSC Oversight Committee appointed: Greenspan, Thompson and Takefman
- SASB Oversight Committee appointed.
 - SASB: Steve Mills, Don Wright, Rich Hulett, Bill Goldbach, and Bruce McClung.
 - Staff: Karen Kenny and Rona Gertz. - Counsel: Claire Topp and Michael Lindsey
- Non conflicted LMSC EC established:
 - Nikolich, Thaler, Hawkins, O'Hara, Rigsbee, Jeffree, Heile, Takefman, Lynch, 44 Greenspan and Thompson

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
- Clyde Camp: Staff support for myballot and myproject, Consultant
- Michael Lindsay: IEEE SA Counsel

Awards

- **IEEE Std 802.3an-2006**

Awards: Bradley Booth, Sanjay Kasturia, George Eisler, Eric R. Lynskey, Mike McConnell, José Tellado, Sandeep Gupta, Terry Cobb, Chris DiMinico
Certificates: Alan Flatman, Val Rybinski, Sterling Vaden, George Zimmerman, Brett McClellan, Gottfried Ungerboeck, Scott Powell, Paul Kish, Luc Adriaenssens, William (Bill) Jones, Henri Koeman, Shimon Muller, Pat Thaler, Chris Pagannelli, Larry Cohen, Sailesh Rao, Piers Dawe, Joseph Babanezhad, Thuyen Dinh, Shadi AbuGhazaleh

- **IEEE Std 802.3aq-2006**

Awards: David J. Law, Robert M. Grow, Bruce Tolley, David G. Cunningham, Nick Weiner, Piers Dawe, Ian H. White, John S. Abbott, Paul Kolesar, Jonathan D. Ingham, Jim McVey|
Certificates: Richard V. Penty, Jonathan King, Lars E. Thon, Yu Sun For, Tom Lindsay, Petar Pepeljugoski, John Ewen

- **IEEE 802.15.4-2006**

Awards: Robert Poor, Marco Naeve, Monique Bourgeois Brown, Eric Gnoske
Certificates: Phil Beecher, Ed Callaway, Francois Chin, Robert Cragie, Paul Gorday, James P. K. Gilb, Øyvind Janbu, Clinton Powell, Joseph Reddy, Zachary Smith, René Struik, Andreas C. Wolf

- **Computer Society Outstanding Contribution Award**

– Mat Sherman, 802 1st Vice Chairman

Geoff presented an award from the IEEE Computer Society to Mat Sherman for outstanding contributions to the policies and procedures of LMSC.

Patent Policy

(see next four slides)

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
March 2006 Plenary Session
San Diego, CA
As of Nov 13, 2006

Session Income				Est/Act	Budget	Deviation
				1,350	1,200	150
	Net Registrations					
71%	962	Early Registrations	@ \$400	\$ 384,800		384,800
	42	Early cancellations	@ \$400	-16,800		
	25	Cancellations	@ \$350	-8,750		
29%	388	Registrations	@ \$500	194,000		194,000
	3	Cancellation	@ \$450	-1,350		
	0	Special Cancellation	@ \$500	0		
	0	On-site registrations	@ \$500	0		
	0	Student	@ \$100	0		
	0	Special Registration	@ \$400	0		
	3	Other credits	@ \$100	-300		
	Registration Subtotal			551,600	497,465	34,935
	0	Deadbeat Payment	@ \$500	0	0	0
	Interest			139	60	79
	Other (Hotel comps and commission)			103,667	0	103,667
TOTAL Session Income				\$ 636,206	497,525	138,681
Session Expenses				Actual	Budget	
	Audio Visual Rentals			27,107	15,000	(12,107)
	Audit			0	8,000	8,000
	Bank Charges			106	500	395
	Copying			3,312	3,500	188
	Credit Card Discounts & Fees			15,904	14,515	(1,389)
	Equipment Expenses			12,926	9,000	(3,926)
	Get IEEE 802 Contribution			96,000	90,000	(6,000)
	Insurance			0	0	0
	Meeting Administrator			80,726	75,064	(5,662)
	Misc Expenses			3,977 *	500	(3,477)
	Networking			59,675	65,000	5,325
	Phone & Electrical			1,676	2,100	424
	Refreshments			150,381	96,000	(54,381)
	Shipping			12,631	6,500	(6,131)
	Social			65,989	42,000	(23,989)
	Supplies			349	500	151
TOTAL Session Expense				\$ 530,759	428,179	(102,580)
Other Income/Expense				0		
NET Session Surplus/(Deficit)				\$ 105,447	69,346	36,101
Analysis						
	Refreshments per registration			111	80	(31)
	Social per registration			49	35	(14)
	Meeting Admin per registration			60	62.55	3
	Surplus/(Loss) per registrator			78	58	20
	Pre-Registration ratio			0.71	0.85	
Cash on hand as of Nov 1, 2006				\$ 419,141		
Reserve for uninvoiced expenses for prior sessions				0		
Reserve for other outstanding commitments						
Income received for current session				(8,000)		
Expenses prepaid for current session				28,280		
Expenses prepaid for future sessions				7,209		
Operating Reserve following this session				\$ 446,630		

* Misc items: Hotel gratuity \$1,500 + registration counter rentals: \$2,477

IEEE Project 802
Estimated Statement of Operations
Nov 2006 Plenary Session
Dallas, TX
As of Nov 1, 2006

Meeting Income	<i>Budget</i>	<i>Estimate</i>
Registrations	1,200	1,350
Registration income	528,000	580,500
Cancellation refunds	(10,560)	(11,610)
Deadbeat collections	0	0
Bank interest	60	60
Other income	0	61,770
TOTAL Meeting Income	517,500	630,720
 Meeting Expenses	 <i>Budget</i>	 <i>Estimate</i>
Audio Visual Rentals	22,000	29,000
Audit	6,000	6,000
Bank Charges	500	500
Copying	3,750	3,750
Credit Card Discount	14,784	17,415
Equipment Expenses	11,000	11,000
Get IEEE 802 Contribution	90,000	101,250
Insurance	0	0
Meeting Administration	75,064	82,260
Misc Expenses	2,000	2,000
Network	60,000	75,000
Phone & Electrical	2,500	2,500
Refreshments	158,000	158,000
Shipping	4,500	15,000
Social	45,000	55,000
Supplies	800	500
TOTAL Meeting Expense	495,898	559,175
 NET Meeting Income/Expense	21,602	71,546

LMSC Policy and Procedures Update

Author:

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

Date: November 13th, 2006

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>
- One P&P revision ballot conducted
 - WG Voting procedures
 - Suspended – Need more time for comment resolution
- One new P&P revision being proposed
 - AudCom Revisions
 - Vote for electronic ballot on Friday
- Held Sunday Night P&P Review covering
 - AudCom issues and concerns with LMSC P&P

Proposed LMSC P&P Revision Ballots

- AudCom Issues and Concerns
 - Latest Revision
 - <http://grouper.ieee.org/groups/802/secmail/msg08791.html>
 - Concerns Addressed
 - Rights of the participants and due process
 - Responsibilities of the chair
 - IEEE Code of Ethics requirements
 - Vote to send to ballot on Friday

Questions?

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

Tutorial Schedule

Monday	Tuesday
1) 802.11s: WLAN Mesh Networking 6:30-8:00PM sponsor: Kerry	3) Overview of 802.15.5 WPAN Mesh 6:30-8:00PM sponsor: Heile
2) IEEE 802.16 and IMT Advanced 8:00-9:45PM sponsor: Marks	4) Overview of CALM 8:00-9:30PM sponsor: Vivek Gupta
	Call For Interest: Rapid PHY Selection for Reduced Energy Consumption 6:30- 8:00 PM sponsor: Grow
	55

EC meetings for the week held in Crocket

- Monday 4pm-midnight 802.20 oversight committee (closed meeting)
- Tuesday 9-11am reserved (Paul)
- Tuesday noon-1pm Coexistence Assurance Document policy (Paul)
- Tuesday 1-2pm reserved (Paul)
- Tuesday 4-6pm
- Wed 8-9am tba
- Wed 9-10am getIEEE 802 budget review (Hawkins)
- Wed noon-1pm reciprocal voting policy (Lynch)
- Wed 1-3pm 802 Task Force (Nikolich)
- Wed 3-4pm Attendance SW and Document Management discussion (Rigsbee)
- Wed 4-5pm Network Services Contract (Rigsbee) open
- Wed 5-6pm Open Office Hours (Nikolich, Mills, Kenney, Carlo?)
- Thursday 10-11am open
- Thursday 11am-1pm open
- Thursday 1-2pm open
- Thursday 5-7pm open

NON-NORTH AMERICAN VENUES

- 802 Standards are used globally
- Large percentage of 802 Session Attendees are Non-North American
- USA visa regulations not always friendly
- Meeting outside North America makes sense

But—

- Non-North American meetings are expensive

NON-NORTH AMERICAN VENUES

- All plenary sessions have been booked through 2008
- One interim has been substituted in the meantime
 - January 2007- London
 - January 2008- Possible Sydney, NSW, AU
- First available plenary is March 2009
- These sessions require early commitment and advance planning for best cost

NON-NORTH AMERICAN VENUES

- January 2008-Potential Venue is Sydney, NSW, AU
 - Sydney Hilton
 - Sydney Convention Center
 - Offers private space and more room than Hilton
 - Non negotiated budget based on 600 attendee break even would be around US\$800 for an early bird for either venue
- March 2009-looking at Geneva International Conference Centre (CICG)
 - Possible co-sponsor with IEC/ISO
 - No budget yet

NON-NORTH AMERICAN VENUES

Straw Poll

- 3 Quick Questions -

NON-NORTH AMERICAN VENUES

Straw Poll #1

- Have you traveled to this session from outside of North America?

NON-NORTH AMERICAN VENUES

Straw Poll #2

- Is it important for IEEE 802 to be recognized as a global standards making body?

NON-NORTH AMERICAN VENUES

Straw Poll #3

- Is it important for IEEE 802 to hold sessions in Non-North American venues?

Q: Venues outside North America generally result in only half the regular attendance. Is this wise? It seems counter-productive.

A: The point is valid. The issue is that we wish to be viewed as a global body.

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Q: We have not yet done a plenary session outside North America. We do get local participation at those meetings. Will we know how this affects attendance until we try?

Q: 802.3 does not meet as a working group in the interim meetings. Some of their task forces meet only for a day or two. Can meeting fees reflect shorter meetings?

10

Q: Has a population distribution been prepared, showing where current members reside?

Q: Other standards groups are able to conduct meetings outside North America without raising the meeting fee or requiring staying at more expensive hotels.

15

Q: Can IEEE webcast some of the meetings outside of North America, perhaps requiring payment for the webcast?

Straw Poll:

20

Attendees from outside North America: 140

Important for IEEE 802 to be recognized as a global standards body: 393

Is it important for IEEE 802 to hold meetings outside of North America: 265

Attendees present at the opening plenary: 422

8.01 PL IEEE 802 PLENARY MEETING ENDS

12:00 PM

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The meeting was adjourned at 12:13pm

Respectfully submitted,

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Bob O'Hara

Recording Secretary