

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

Monday, November 10, 2008 - 8:00 a.m.

All times central standard time (CST)

Dallas, TX

EC members present:

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
James Gilb - Recording Secretary, IEEE 802 LAN / MAN Standards Committee
Buzz Rigsbee - Executive Secretary, IEEE 802 LAN / MAN Standards Committee
John Hawkins - Treasurer, IEEE 802 LAN/MAN Standards Committee
Tony Jeffree - Chair, IEEE 802.1 - HILI Working Group
David Law - Chair, IEEE 802.3 - CSMA/CD Working Group
Bruce Kraemer - Chair, IEEE 802.11 - Wireless LANs Working Group
Bob Heile - Chair, IEEE 802.15 - Wireless PAN Working Group
Roger Marks - Chair, IEEE 802.16 - Broadband Wireless Access Working Group
John Lemmon - 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
Mark Klerer - Chair, IEEE 802.20 - Mobile Broadband Wireless Access
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
2.00 MI APPROVE OR MODIFY AGENDA	- Nikolich	4 08:01 AM

Moved by Lynch, seconded by Jeffree

Vote is 13/0/0, motion passes



Standards Project Authorization

1. <u>August 25, 1979</u> Date of Request	Project No. <u>802</u> Approved: <u>3/13/80</u> Date
For Standards Committee Use Only	
2. <input checked="" type="checkbox"/> New Standard <input type="checkbox"/> Revision of _____ Standard No. _____	<input type="checkbox"/> Reaffirmation of _____ <input type="checkbox"/> Withdrawal of _____ Standard No. _____
3. Project Title: <u>Local network for Computer Interconnection.</u>	
4. Scope and Purpose of Proposed Standard: <u>The proposed standard will apply to Data Processing devices which need to communicate with each other at a moderate data rate (1 M bit/sec) and within a local area (physical data path up to 4 km). The purpose of the proposed standard is to provide compatibility between devices of different manufacture so that the hardware and software customization necessary for effective data communication is minimized or eliminated.</u>	
5. Sponsor <u>Computer Standards</u> Technical Committee	<u>Computer Society</u> Society
5a. Proposed ANSI Committee <u>X3</u>	ANSI Project #: _____ Date Approved: _____
6. Proposed Coordination: Dr. Herbert Hecht Computer Society Representative to X3. Also coordination with IEC Committees will be undertaken. Minutes will be mailed to ANSI x 3 Secretary.	
Method of Coordination: <u>Communications Society</u> <u>Computer Sids. Committee (added by amendment 9/17/81 StB meeting)</u>	
7. Name of Group that will Write the Standard <u>Microprocessor Standards</u> Subcommittee	<u>Local Network</u> Working Group
8. Estimated Final Ballot Date <u>December 1982</u> To Technical Committee	<u>March 1983</u> To Standards Board
9. Person Delegated to Receive Communications and Conduct Liaison with Interested Bodies: Name: <u>Maris Graube</u> Company: <u>Tektronix, Inc.</u> Street address: <u>P. O. Box 500, N/S 5B-188</u> <u>Beaverton, OR 97077 (503) 644-0161 Ext. 6234</u> City State Zip Code Telephone	
10. Submitted by: Name: <u>Dr. Robert G. Stewart</u> Company: <u>Stewart Research Enterprises</u> Street address: <u>1650 Belvoir Drive</u> <u>Los Altos, CA 94022 (415) 941-6699</u> City State Zip Code Telephone	

Nov 2008
IEEE 802
LMSC

Opening EC Meeting
8 AM-10:30AM

Monday 8:00AM -10:30AM

1.00	MEETING CALLED TO ORDER	- Nikolich	1	08:00 AM
2.00	MI APPROVE OR MODIFY AGENDA	- Nikolich	4	08:01 AM
3.00	* APPROVE / MODIFY MINUTES OF PREVIOUS MEETING	- Nikolich	0	08:05 AM
				08:05 AM
4.00	EC member affiliation updates	- Nikolich	2	08:05 AM
4.01		-		08:07 AM
4.02		-		08:07 AM
	Category (* = consent agenda)			08:07 AM
	BoG and Stds Board items			08:07 AM
5.00	II BoG Actions	- Nikolich	5	08:07 AM
5.01	II Stds Board Actions (approved projects, standards, withdrawals)	- Nikolich	5	08:12 AM
5.02	II PARS to NesCom	- Nikolich	5	08:17 AM
5.03	II List of Drafts to Sponsor Ballot	- Nikolich	5	08:22 AM
5.04	II List of Drafts to Revcom	- Nikolich	5	08:27 AM
5.05		-		08:32 AM
				08:32 AM
	SA items			08:32 AM
6.00	II IEEE Staff Introductions	- Nikolich	2	08:32 AM
6.01	II 802 Task Force update	- Nikolich	5	08:34 AM
6.02	II	-		08:39 AM
6.03	II	-		08:39 AM
6.04	II	-		08:39 AM
6.05	II	-		08:39 AM
6.06	II	-		08:39 AM
6.07	II	-		08:39 AM
6.08	II	-		08:39 AM
6.09	II	-		08:39 AM
6.10	II	-		08:39 AM
	LMSC items			08:39 AM
				08:39 AM
7.00	II TREASURER'S REPORT	- Hawkins	5	08:39 AM
7.01	II nNA update	- Rigsbee	15	08:44 AM
7.02	II	-		08:59 AM
7.03	II LMSC Email Ballot Recap	- Nikolich	5	08:59 AM
7.04	II LMSC Meeting Fee Waivers	- Nikolich	2	09:04 AM
7.05	II Tutorial schedule	- Nikolich	1	09:06 AM
7.06	II JTC1/SC6 update	- Thompson	10	09:07 AM
7.07	II P&P update	- Sherman	5	09:17 AM
7.08	II Forging consensus	- Thaler	5	09:22 AM
7.09	II	-		09:27 AM
7.10	II	-		09:27 AM
7.11	II	-		09:27 AM
7.12	II Notice of Study Groups under consideration/status of existing SGs	- WG chairs	5	09:27 AM
7.13	II Reorganizing the plenary week schedule	- Nikolich	10	09:32 AM
7.14	II	-		09:42 AM
7.15	II	-		09:42 AM
7.16	II	-		09:42 AM
7.17	II	-		09:42 AM
7.18	II	-		09:42 AM
7.19	II	-		09:42 AM
7.20	II Update on ITU-R activities	- Lynch	5	09:42 AM
7.21	II	-		09:47 AM
7.22	II	-		09:47 AM
7.23	II	-		09:47 AM
7.24	II	-		09:47 AM
7.25	II Attendance tool update	- Sahr	10	09:47 AM
7.26	II EU Green practice	- Thompson	2	09:57 AM
7.27	II	-		09:59 AM
7.28	II	-		09:59 AM
7.29	DT EC meeting schedule (rules, SA, etc.)	- Nikolich	3	09:59 AM
7.30	Executive session: clear room except EC members		5	10:02 AM
7.31	DT Subpoena activity, executive session	- Nikolich	10	10:07 AM
7.32	DT EC Retreat, executive session	- Thompson	10	10:17 AM
7.33	DT ADJOURN SEC MEETING	- Nikolich		10:27 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

3.00 * APPROVE / MODIFY MINUTES OF PREVIOUS MEETING - Nikolich 0 08:00 AM

Approved as part of the consent agenda

4.00 EC member affiliation updates - Nikolich 2 08:04 AM

Chair asked for any changes to EC member affiliation, no changes were reported.

Category (* = consent agenda)

BoG and Stds Board items

5.00 II BoG Actions - Nikolich 5 08:05 AM

Law discussed changes at ProCom, including copyright and patent policies.

Sept/Oct 2008

SA BoG Actions

- BoG approved the SA Strategic Plan-Kenney will provide details later
- Nikolich won Member-at-Large seat on 2009-2010 BoG in fall election

The 2008 BoG consists of:

SA President:	George Arnold
SA President Elect:	Chuck Adams
Standards Board Chair:	Bob Grow
Standards Board Past Chair & Corporate Advisory Group Chair:	Steve Mills
IEEE-SA Treasurer:	Don Wright
Secretary (non-voting):	Judy Gorman
Members-At-Large:	Dennis Brophy, Lanny Floyd, Bilel Jamoussi, Ben Johnson, Fran O'Brien, Ted Olsen, Greg Saunders, Phil Wennblom

new members in 2009/2010: James Williamson, Paul Nikolich

September 2008

SA Standards Board Actions

Standards Approved

New:

P802.1AX/D2.1- LAN Link Aggregation

P802.11y/D11.0 WLAN Amendment 3: 3650-3700 MHz operation in USA

Revisions:

P802.3/D2.3 CSMA/CD Access Method and Physical Layer Specifications

Reaffirmations: none

Corrigendum:

P802.1ak-2007/Cor1/D3.0- VLANs - Amendment 7: Corrections to the Multiple Registration Protocol

Extensions: 802.16h

Withdrawals: next slide

- **Withdrawn**

- **802.5 Standards**

- **802.5-1997 (R2003)** Token Ring Access Method and Physical Layer Specifications
- **802.5j-1997 (R2003)** Token Ring Fibre Optic Media
- **802.5r-1997 (R2003)** Token Ring Dedicated Token Ring Operation
- **802.5t-2000 (R2003)** Token Ring 100 Mbit/s Dedicated Token Ring Operation
- **802.5v-2001 (R2003)** Token Ring Gigabit Token Ring Operation
- **802.5w-2000 (R2003)** IEEE Corrigenda to Token Ring
- **802.5p-1993 (R2003)** Part 2: Logical Link Control-Annex X: End system Route Determination

- **Other SASB activities of interest**

- ProCom: Copyright—Law to describe
- PatCom: working on FAQ regarding ballot comments on potentially essential patents

5.01 II Stds Board Actions (approved projects, standards, withdrawals)

- Nikolich 5 08:07 AM

Marks indicated that 802.16h had been extended.

Heile indicated that 802.15.5 had been extended as well.

Jeffree indicated that 802.1AB was an extension, not a new project.

September 2008

SA Standards Board Actions

Projects Approved

New:

P802.11ac- WLAN MAC and PHY spec amendment for Very High Throughput below 6GHz

Revisions: none

Reaffirmations: none

Extensions:

P802.1AB- Station and Media Access Control Connectivity Discovery

Withdrawals: none

5.02 II PARS to NesCom

- **Nikolich 5 08:13 AM**

802.11.2 will formally request rescinding the PAR.

Draft PARs to NesCom

- IEEE P802.3.1 Standard for Management Information Base (MIB) definitions for Ethernet
- IEEE P802.3-2008/Cor 1 (IEEE 802.3bb) Corrigendum 1 Timing considerations for PAUSE operation
- IEEE P802.3bc Amendment: Ethernet Organizationally Specific TLVs
- IEEE P802.3at DTE Power Via MDI Enhancements, modification to Existing Approved PAR

- IEEE P802.11 Revision PAR for IEEE Std 802.11-2007
- IEEE P802.11 Very High Throughput 60 GHz PAR

- IEEE 802.15.4f Low Rate WPANs- Amendment: Active RFID System PHY
- IEEE 802.15.4g Low Rate WPANs- Amendment: PHY for WNAN)

- IEEE 802.15.7 PHY and MAC standard for short-range wireless optical communication using visible light

- IEEE P802.20b MAC Bridging Support

- IEEE P802.21 Media Independent Handover Services - Extensions for Supporting Downlink Only Broadcast Technologies

PARs due to time out DEC08

- 802.1AC Standard for Media Access Control (MAC) Service Definition
- 802.3ar Amendment: Enhancements for congestion management
- 802.11.2 Recommended Practice for the Evaluation of 802.11 Wireless Performance
- 802.15.5 Recommended Practice for mesh topology capability in Wireless Personal Area Networks (WPANs)
- 802.16h Improved Coexistence Mechanisms for License-Exempt Operation Amendment
- 802.21 Standard for Media Independent Handover Services

If these projects will not be submitted to RevCom in time for the December 2008 meeting, you need to take one of the following steps:

1. Request an extension for the project (PAR). Please note that this extension request can be from one to four years, although further justification may be requested for an extension request which exceeds two years.
2. Request withdrawal of the project (PAR).

5.03 II List of Drafts to Sponsor Ballot

- Nikolich 5 08:14 AM

802.1 – 802.1aw (conditional), 802.1aj (conditional)

802.3 – 802.3at DTE power (conditional), 802.3 av 10 Gb/s EPON (conditional)

802.11 – 802.11n (conditional)

802.16 – none

802.17 – none

802.20 – none

802.21 – none

802.22 – none

5.04 II List of Drafts to Revcom

- Nikolich 5 08:17 AM

802.1 – 802.1ap (conditional)

802.3 – none

802.11 – none

802.15 – 802.15.4c (conditional), 802.15.5 (conditional)

802.16 – 802.16rev (conditional), 802.16j (conditional), 802.16h (conditional)

802.17 – none

802.20 – none

802.21 – none

802.22 – none

SA items

6.00 II IEEE Staff Introductions

- Nikolich 2 08:21 AM

Nikolich introduced the IEEE staff.

IEEE Staff Introductions

1. Karen Kenney: 802 Ombudsman and Associate Managing Director, Business Administration
2. Michelle Turner Program Manager, Document Development
3. Michael Kipness: Program Manager, Technical Program Development
4. Kathryn Cush: Program Manager, Technical Program Development
5. Bob LaBelle: Manager, Networks and Telecommunications
6. Chris Sahr: Technical Project Manager, Attendance Automation
7. Walter Pienciak Manager of Electronic Information
8. Sue Vogel: Director, Technical Committee Programs

6.01 II 802 Task Force update

- Nikolich 5 08:22 AM

Minutes from July were sent out and are on the website under the November meeting.

Nikolich presented the tentative agenda for the IEEE-SA/802 Task Force meeting (Wednesday, 1-3 pm)

Thompson requested adding an item to the agenda, "RAC legal issues"

IEEE-SA/802 Task Force

- Wednesday 1-3pm
- Tentative Agenda
 - 1) Attendance tool update (if necessary) C. Sahr
 - 2) SA Strategic Plan--what is the plan to communicate it to the sponsors?--K.Kenney
 - 3) IEEE/IEC Partnership Standards Development Organization Cooperation Agreement--the document was ambiguous--T. DeCourcelle had action items (see draft JUL08 minutes)--update from T DeCourcelle
 - should 802 be concerned?--Andrew Myles
 - 4) Ombudsman update--K. Kenney
 - 5) Copyright Policy (Law)
 - 6) Communication policy (staff to members regarding legal matters)
 - 7) RAC legal issues
 - 8) Adjourn

LMSC items

7.00 II TREASURER'S REPORT

- **Hawkins 5 08:27 AM**

Hawkins presented "TreasurerOpeningReportv1.pdf"

IEEE Project 802
Statement of Operations
Jul 2008 Plenary Session
Denver, CO
As of Nov 9, 2008

DRAFT

Session Income	dB	Est/Act	Budget	Deviation
Net Registrations		1,484	1,300	184
79.9% 1185 Early Registrations @ \$400	\$ 474,000			
25 Early cancellations @ \$400	(10,000)			
36 Cancellations @ \$350	(12,600)			
20.1% 298 Registrations @ \$500	149,000			
1 Cancellation @ \$500	(500)			
7 Cancellation @ \$450	(3,150)			
0.1% 1 Student @ \$150	150			
3 Other credits @ \$100	(300)			
Registraion Subtotal	\$ 596,600	\$ 596,150	\$ 547,820	\$ 48,330
0 Deadbeat Payment @ \$500		0	0	0
Interest		1,753	150	1,603
Other (Hotel comps and commission)		86,150	75,000	11,150
TOTAL Session Income		\$ 684,053	\$ 622,970	\$ 61,083
Session Expenses		Est/Act	Budget	Deviation
Audio Visual Rentals		23,674	25,500	1,826
Audit		0	0	0
Bank Charges		93	350	258
Copying		2,264	3,500	1,236
Credit Card Discounts & Fees		17,093	15,652	(1,441)
Equipment Expenses		328	15,000	14,672
Get IEEE 802 Contribution		106,125	95,550	(10,575)
Insurance		0	0	0
Meeting Administration		98,880	80,861	(18,019)
Misc Expenses		4,509 *	7,500	2,991
Networking		60,565	68,000	7,435
Other Expenses		0	0	0
Phone & Electrical		1,037	2,000	963
Refreshments		132,200	150,000	17,800
Shipping		15,357	15,000	(357)
Social		86,421	75,000	(11,421)
Supplies		214	800	586
TOTAL Session Expense		\$ 548,759	554,713	5,954
NET Session Surplus/(Deficit)		135,294	68,257	67,037
Analysis				
Refreshments per registration		89	115	26
Social per registration		58	58	(1)
Meeting Admin per registration		67	62	(4)
Surplus/(Loss) per registration		91	53	39

* Misc items: Hotel gratuities, service awards, survey charges, room rental

Cash recognized on hand as of Nov 7, 2008	\$ 1,152,839
Additional income for Jul 09 session	\$ -
Reserve for unpaid expenses for prior sessions	\$ -
Reserve for other outstanding commitments	
Income received for current session	\$ (15,200)
Expenses prepaid for current session	\$ 45,033
Expenses prepaid for future sessions	\$ -
Operating Reserve following this session	\$ 1,182,672

IEEE Project 802
Estimated Statement of Operations
Nov 2008 Plenary Session
Dallas, TX
As of Nov 9, 2008

DRAFT

Meeting Income	<i>Estimate</i>	Budget	Variance
##	1,400	1,400	0
Registration income	602,000	602,000	0
Cancellation refunds	(12,040)	(12,040)	
##	0	0	0
Bank interest	1,400	1,400	0
Other income	75,000	75,000	0
TOTAL Meeting Income	\$ 666,360	\$ 666,360	0
Meeting Expenses	<i>Estimate</i>	Budget	Variance
Audio Visual Rentals	25,500	\$ 25,500	0
Audit	0	0	0
Bank Charges	350	350	0
Copying	2,600	3,500	900
Credit Card Discount	17,458	17,458	0
Equipment Expenses	7,500	15,000	7,500
Get IEEE 802 Contribution	102,900	102,900	0
Insurance	0	0	0
Meeting Administration	101,610	101,610	0
Misc Expenses	2,500	3,500	1,000
Network	70,000	70,000	0
Other Expenses	0	0	
Phone & Electrical	2,000	2,000	0
Refreshments	150,000	150,000	0
Shipping	15,000	15,000	0
Social	50,000	50,000	0
Supplies	800	800	0
Other Discounts	0	0	0
TOTAL Meeting Expense	\$ 548,218	\$ 557,618	9,400
NET Meeting Income/Expense	<u>\$ 118,142</u>	<u>\$ 108,742</u>	9,400

Rigsbee presented “nNA-PlenaryUpdate-01.ppt”, update on the nNA sites will be posted by Tuesday to the reflector.

Status updates

- Have now completed Site Inspections at:
 - ITU HQ in Geneva, Switzerland
 - Marina Bay Sands Hotel, Singapore
- Are now compiling site surveys & budgets
- Plan to publish to EC Tuesday evening
- WG Chairs may share results with WGs
- We will have motion for March 2011 site selection to vote at Friday closing plenary meeting.

Rigsbee: Will ask for motion on March 2011 site selection. There will be a slot in the EC meetings for discussing this.

Nikolich scheduled this for 4-5 pm, Wednesday.

nNA Plenary Update

Monday, November 10, 2008

Status Update

- Have now completed Site Inspections at:
 - ITU HQ in Geneva, Switzerland
 - Marina Bay Sands Hotel, Singapore
- Are now compiling site surveys & budgets
- Plan to publish to EC Tuesday evening
- WG Chairs may share results with WGs
- We will have motion for March 2011 site selection to vote at Friday EC meeting.

7.03 II LMSC Email Ballot Recap

- **Nikolich** 5 08:38 AM

Nikolich reviewed the email ballots (2 ballots)

LMSC Email Ballot Recap

	close date		yes/no/abs/dnv	
•	27OCT	Disband 802.5WG	16/00/00/00	pass
•	28OCT	802 Asset transfer T&C approval	15/00/00/01	pass

7.04 II LMSC Meeting Fee Waivers

- **Nikolich 2 08:40 AM**

Registration fee waivers for IEEE-SA staff participants.

No invited participants require a waiver.

7.05 II Tutorial schedule

- **Nikolich 1 08:41 AM**

No tutorials for this week. Thaler will be leading the forging consensus ad-hoc (Tuesday 6:30-8:00 pm)

7.06 II JTC1/SC6 update

- **Thompson 08:43AM**

Thompson updated the group, Jesse Walker attended the meeting. It appears that WAPI will be standardized outside of 802.11. 802.3 has decided that based on the PSDO, they have no requirement for submitting to ISO.

Nikolich – Is discussion during Task Force sufficient or is an additional meeting?

Thompson – The former (i.e., Task Force meeting is sufficient).

Kraemer – The WAPI issue will be discussed during an 802.11 session. There is still a difference of opinion between IEEE and China on the preferred methods. Ultimately this will come back to JTC1/SC6 to resolve.

Thompson – They may not have to pursue this in SC6.

Nikolich – Asked Marks, as China liaison, has he been involved?

Marks – No, but is willing to help.

Heile – Will be in Beijing the week of Dec. 6, and is willing to help as well.

7.07 II P&P update

- **Sherman 5 08:45AM**

Sherman presented “VC1_10112008_r0_EC_P&P_Update – opening.ppt”

Law – What will we vote on at the Friday meeting?

Sherman – Motion to approve two documents, one to be sent to AudCom, the second to be posted to the website. Suggestion is to have both effective when posted by AudCom.

EC Update on LMSC Policy and Procedures

Author:

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

Date: November 10th , 2008

Summary of P&P Activities

- Current P&P can be found at
 - <http://standards.ieee.org/board/aud/LMSC.pdf>
- P&P ballot to create Operations Manual in process
- Latest ballot documents can be found at
 - <http://grouper.ieee.org/groups/802/PNP/PNP-development.html>
- No comments since last document release in August
- Expect to hold approval vote Friday
- Conducted P&P review session 11/09/08

Sunday P&P Review Meeting

- Ran about 1 hour
- Open session on P&P related issues
- Update from AudCom on their activities
 - merging baseline sponsor and SCC type 2 baseline
 - Will incorporate comments from IEEE802
- Discussed 1st VC activities after OM ballot
 - Baseline WG P&P for LMSC
 - Advised by AudCom Chair to wait till December
 - AudCom baseline may not be approved even then
 - Start improving OM
 - Make ballot durations same for sponsor and WG
 - Simplify rules for changing rules
 - Remove requirement to present PARs at LMSC Plenary

7.08 II Forging consensus - Thaler 5 08:53 AM

Thaler – The session this week, Tuesday evening, will be to discuss methods the chairs can use to handle issues of dominance.

Sherman suggested having a larger room available in case many people show up.

7.12 II Notice of Study Groups under consideration/status of existing SGs - WG chairs 5 08:57 AM

Nikolich presented the list of SGs under consideration

802.1 – none

802.3 – none

802.11 – very high throughput @ 60 GHz (VHT) (4th extension)

802.15 – RFID (3rd extension), visible light (VLC) (2nd extension), WNAN (1st extension)

802.16 – none

802.17 – none

802.18 – none

802.19 – none

802.20 – none

802.21 – multi-radio power management conservation (2nd extension), security (4th extension), emergency communications (2nd extension), broadcast (1st extension)

802.22 – none

Kraemer – Suggested that we discuss the formation of an EC level SG to discuss an 802 position on “white spaces”. The motivation is to avoid having multiple WGs requesting SGs on Friday to consider “white spaces”.

Sherman – Offered to chair the session on an interim basis.

Lynch – At the wireless meeting Sunday night, it was suggested that 802 provide comments to the FCC that 802 is looking at the issue and will have comments.

Nikolich – Suggested Monday, 6:30-7:30 for the meeting.

Marks – Suggested 7-8 pm on Monday

Nikolich – Scheduled for 7-8 pm, tentatively for Crockett.

7.13 II Reorganizing the plenary week schedule - Nikolich 10 09:07 AM

Nikolich – Monday night and Tuesday night at 8 pm are available. Suggests 8-9 pm on Monday. No objections, Jeffree to chair.

7.20 II Update on ITU-R activities - Lynch 5 09:10 AM

Lynch – Presented “18-08-0058-04-0000-ieee-802-18-imt-advanced-review-process.ppt”

IEEE 802.18 IMT-Advanced Review Process

Date: 2008-09-11

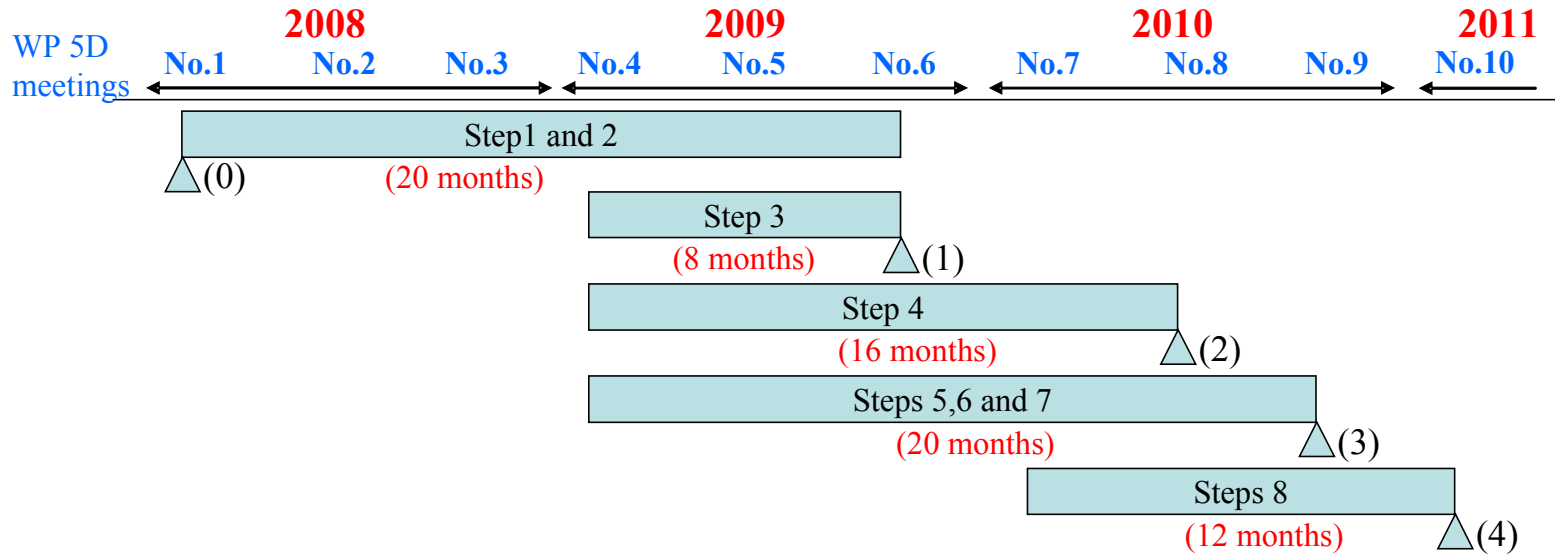
Authors:

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Frank Whetten	Boeing	Seattle, WA	206.852.8914	frank.l.whetten@boeing.com

Background

- The IMT-Advanced process in ITU-R has advanced to the point where:
 - The technical requirements (IMT.TECH) are complete and approved by Working Party 5D (WP 5D).
 - The evaluation criteria and methodology document (IMT.EVAL) is substantially complete, and in the process of final revision, with approval expected at the October 2008 WP 5D meeting in Seoul.
 - The Circular Letter, 5/LCCE/2, has been released, along with one addendum, inviting submission of technology proposals and participation in the evaluation process.
 - Final approval of IMT-Advanced reports is expected at the November ITU-R SG 5 meeting.
- Interested IEEE 802 WG's now need to consider how to respond to IMT-Advanced.
 - Submit a Radio Interface Technology proposal (RIT) as a single WG.
 - Submit a proposal for a Set of Radio Interface Technologies (SRIT) jointly with one or more other WG's.
- The EC Chair has tasked 802.18 to review and recommend approval of technology proposals to the EC for submission to the ITU-R IMT-Advanced process.

IMT-Advanced Schedule



Steps in radio interface development process:

- Step 1: Issuance of the circular letter
- Step 2: Development of candidate RITs and SRITs
- Step 3: Submission/Reception of the RIT and SRIT proposals and acknowledgement of receipt
- Step 4: Evaluation of candidate RITs and SRITs by evaluation groups

- Step 5: Review and coordination of outside evaluation activities
- Step 6: Review to assess compliance with minimum requirements
- Step 7: Consideration of evaluation results, consensus building and decision
- Step 8: Development of radio interface Recommendation(s)

Critical milestones in radio interface development process:

- (0): Issue an invitation to propose RITs March 2008
- (1): ITU proposed cut off for submission of candidate RIT and SRIT proposals October 2009
- (2): Cut off for evaluation report to ITU June 2010
- (3): WP 5D decides framework and key characteristics of IMT-Advanced RITs and SRITs October 2010
- (4): WP 5D completes development of radio interface specification Recommendations February 2011

IEEE 802 Approval Process for IMT-Advanced Technology Proposals

- A single Working Group (WG), or a joint WG collaboration, creates and approves a draft RIT proposal, or a draft SRIT proposal, conforming to IMT-Advanced submission requirements.
- The proposal is then sent to 802.18, which reviews the proposal for completeness (see slide 5) per the most recent IMT-Advanced submission requirements available at the time of submission by the WG(s).
- After review, 802.18 will determine by vote, requiring 75% approval, whether the proposal is considered complete per IMT-Advanced submission requirements, and either submit the approved proposal to the EC for final approval, or return the proposal to the WG for update with incomplete items identified.
- After EC review and approval, the IEEE SA ITU-R liaison will submit the proposal to the ITU-R with appropriate cover letter.
- Proposals returned to IEEE by the ITU-R as “incomplete” will be sent back to the WG(s) by the IEEE SA ITU-R liaison for correction, and the corrected proposal will be re-submitted to ITU-R per the process outlined above.

ITU-R Definition of Completeness for IMT-Advanced Technology Proposals

- A “complete proposal”, as summarized from materials in the current version of IMT.REST, “Requirements, evaluation criteria and submission templates for the development of IMT-Advanced”, is defined as follows:
 1. Completed templates and other requested information.
 2. Either a self-evaluation, or the endorsement of an initial evaluation submitted by another entity, per IMT-Advanced requirements for self-evaluation.
 3. Where necessary, a statement of compliance with the ITU policy on intellectual property rights (see Annex 1 of Resolution ITU-R 1-5), as specified in the Common Patent Policy for ITUT/ITU-R/ISO/IEC available at <http://www.itu.int/ITU-T/dbase/patent/patent-policy.html>.
- The definition of “complete” is subject to change by ITU-R.
- The most current versions of the requirements, evaluation criteria, and submission templates for the development of IMT-Advanced are on the IMT-Advanced web page (<http://www.itu.int/ITU-R/go/rsg5-imt-advanced/>).

802.18 Commitments to WGs for IMT-Advanced

- 802.18 agrees to do the following in order to expedite the approval process for WGs:
 1. Review partial submissions from WGs prior to the final cutoff date for submissions to 802.18, without a vote to formally approve or disapprove, and return comments to the WG.
 2. Approve or disapprove by vote any full submission as soon as possible after receipt by 802.18, but not later than 28 calendar days after 802.18 receives the submission.
 3. Agrees that failure by 802.18 to vote to approve or disapprove a full submission within 28 days means that the submission is approved by default.
 4. Return a submission disapproved by vote with comments to the chair of the WG within 24 hours of the vote to disapprove.
 5. Work with participating WG's and the EC to overcome any obstacles to achieve a complete submission per ITU-R IMT-Advanced submission requirements.
 6. Report to the EC any indications that delays are occurring in the submission process which threaten successful submission of proposals to ITU-R WP 5D.

Critical Milestones – 802 Business As Usual

- Last date for WG's to submit technology proposals (final WG approved drafts) to 802.18 for review: June 18, 2009.
- Last date for 802.18 approval of proposals for submission to the EC: July 16, 2009.
- Last date for EC approval of technology proposals: July 17, 2009 (July Plenary EC meeting).
- Last date WP5D will accept technology proposals: October 7, 2009 (exact date may change).

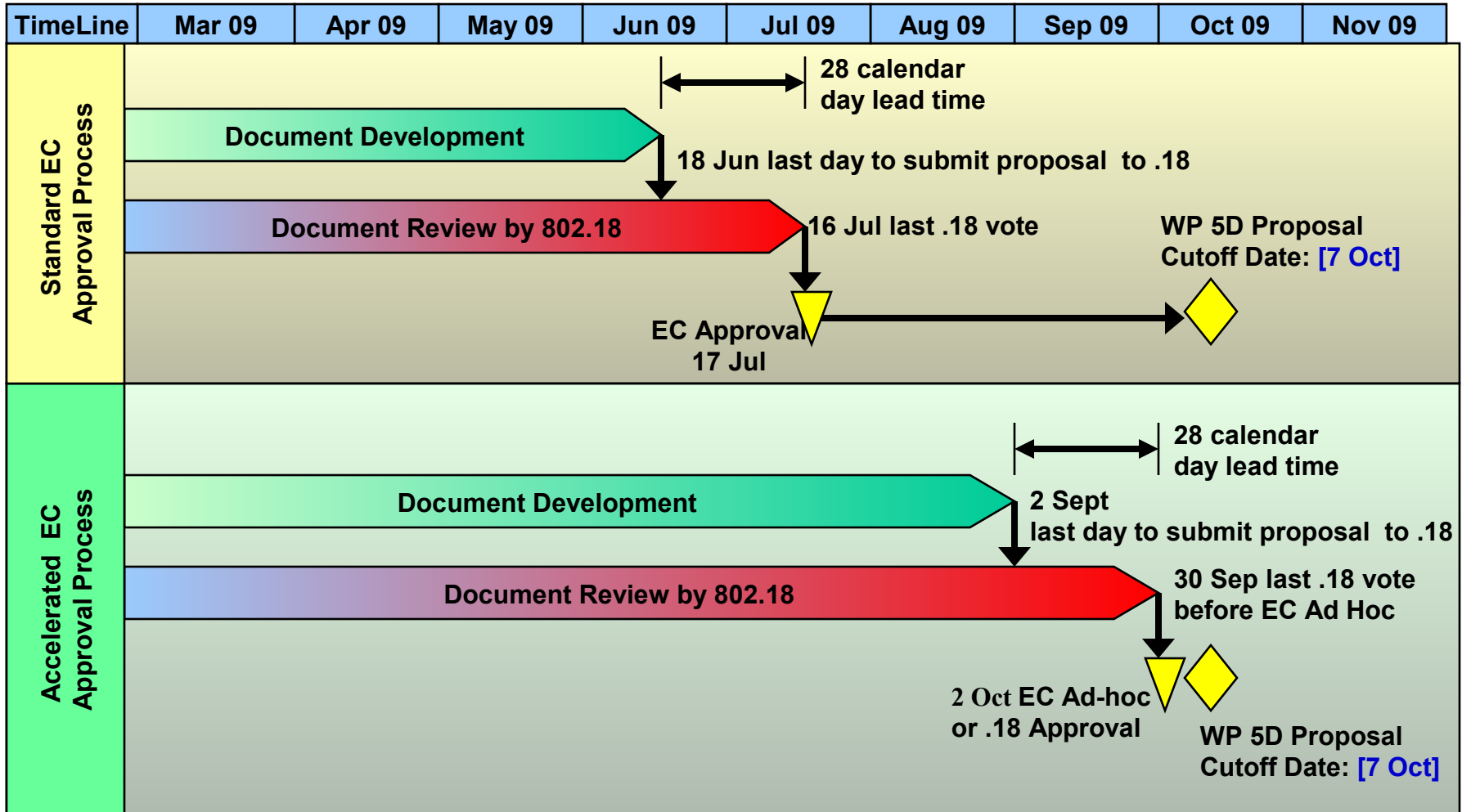
Recommendations to the EC to Expedite the IMT-Advanced Process

- 802.18 recognizes that the timeline shown on slide 7 impairs the ability of WGs to submit fully formed and reviewed technical proposals to the ITU-R IMT-Advanced process in a timely fashion, but we are constrained by 802 policies and practices in developing this timeline.
- 802.18 recommends that the EC take one of the following actions to expedite the approval process:
 1. Convene a special EC meeting on IMT-Advanced on or about October 2, 2009, to vote on any last minute submissions to ITU-R WP 5D.
 2. Alternatively, delegate the IMT-Advanced approval process to 802.18, making approval by 802.18 sufficient for WG submission to ITU-R WP 5D.
- 802.18 further recommends that the EC require that all WGs participating in the IMT-Advanced process attend the September 2009 Wireless Interim Session to expedite the IMT-Advanced approval process.
- Taking these actions will considerably reduce the lead time for WG proposals, and assure the best possible outcome for IEEE 802 (see slide 9 for the milestones, and slide 10 for a graphical view of the improvement).

Critical Milestones – Accelerated Process

- Last date for WG's to submit technology proposals (final WG approved drafts) to 802.18 for review: September 2, 2009 (tentative).
- Last date for 802.18 approval of proposals for submission to the EC: September 30, 2009 (tentative).
- Last date for EC approval (or, alternatively, 802.18 approval, per EC delegation) of technology proposals: October 2, 2009 (tentative).
- Last date WP5D will accept technology proposals: October 7, 2009 (exact date may change).

Critical Milestones Note 1



Note 1: All submission deadlines are “Anywhere on Earth.” This means that the deadline has not passed if, anywhere on earth, the deadline date has not yet passed. Approval deadlines are based on the formal schedules approved by 802.18 and/or the EC.

Final Comments

- 802.18 continues to be committed to finding ways to work, along with the EC and the proposing WGs, to expedite the IMT-Advanced technical proposal process in the most effective manner possible for IEEE 802.
- After the final documents describing submission details have been approved by the ITU-R SG 5, 802.18 will review the schedule to determine if it is reasonable to shorten the lead time for 802.18 review of full submissions by WGs.
- As part our commitment, members from 802.18 will be participating in the WP5D meeting in October 2008 in Seoul.

7.25 II Attendance tool update

- Sahr

10 09:20 AM

Sahr (affiliation IEEE) presented "Attendance Tool Wrap Up_2008.ppt"

Adrian Stevens (Intel) – Can we overwrite an existing upload?

Sahr – Will take requests for enhancements at the end.

Jeffree – What about attendee status, is that uploaded?

Sahr – not automatically.

Upload registration database

- Deadbeat detection
- Voter status
- Prevent registering attendance until registered for meeting

Rigsbee – Access point tracking for location, should be future item.

Marks – Has many issues, but this is not the appropriate time.

Nikolich – When can we schedule this? Tuesday 12-1 pm, Crockett.

IEEE-SA Attendance Tracking Tool

**Project Wrap Up for 802
Implementation**

Dallas – November 2008



Background Information - 2007

■ 2007

– January

- IMAT Project began with specification and discovery (802.11 as lead).

– March - November

- development of tool following specification
- First meeting try-out in September

– December

- Christina joined project group

Background Information - 2008

■ 2008

– March

- New WG leadership.
- Removed voter calculations due to multiple interpretations/variances within 802 WGs.
- All wireless groups using the tool (except .17)

– July

- 802.16 adopts use of tool

– September

- Implemented web hosted version.
- Successful use at .1, .3, and .16 interims.
- All WGs adopted use of tool.

Review of 802 Requirements

- User compatibility – complete
 - VPN & multiple browser, compatibility
 - Web based and local server access
- Management functions
 - Add, delete, change attendees and percentage- complete
 - Add/delete meetings and sessions
 - add access is for staff only; will make available for officers by Dec 2008
 - Delete meetings and sessions is permanent (future enhancement to provide csv log for Attendance Manager to assist in manual undo changes)
 - Change attendee information (contact, user id, etc) is done by the attendee through Web Accounts

Review of 802 Requirements

■ Management functions

- Designated volunteer access to manager tool is provided to Sponsor & WG Chairs, Standards Rep, Funded Project Manager, Staff Liaison, Attendance Designee, Vice Chair and Secretary roles - complete
- Reset local password – complete
- Unique ID for attendance – complete
- Automatically input registration DB – **Need more information**
- Integrate with myProject – manual process until approved/mandated by SA
- Detect duplicate attendees – **meeting planner access (development in process); will not work for overlapping sessions at different locations – must use session code.**
- Meeting updates occur every 10 minutes (Manager ←→Local)

Review of 802 Requirements

■ Reports

- Track mgmt changes report – **future enhancement provide log file as csv**
- Letter ballots, voting rights, historical voting membership info are not provided by IMAT
- Multiple reports are available in both the attendee software and manager software (well documented). COMPLETE

■ Attendance

- Sign up restricted to specific time and task group
- Display current % attendance – **we do not display historic data to attendee – could be future enhancement**

Review of 802 Requirements

■ Attendance

- Attendee manages their own contact info through Web Accounts
- Reciprocal rights will only work if the Involvement Levels are kept up to date in myProject
- Record AP where attendance is registered – **could be future enhancement**

■ Misc.

- Portability, resilience – complete
- Source code in escrow →

Misc. Requirement – source code

- SA Staff will continue to support the tool as needed:
 - Chair training presentations
 - Staff Liaison knowledge
 - Maintain server for web-based access to manager tool and web hosted attendee tool
- Bugs fixes and enhancements
 - SA will continue to provide technical support to fix bugs that come up

Additional Enhancement Requests

- Process for submittal of enhancements to IEEE-SA
 - Only enhancements requested by the 802 EC (through James Gilb or other designated rep) will be accepted.
 - Requests are submitted to Walter and Christina via email
 - Funding for enhancement will need to be determined

7.26 II EU Green practice

- Thompson 2 09:39 AM

The European Commission is developing a document that may impact, the title is “Code of Conduct on Energy Consumption of Broadband Equipment, Draft Version 3”

Law – This affects power over ethernet

Thompson – This may affect us indirectly and so we should pay attention to it.

Nikolich – Will Thompson lead on this?

Law – 802.3 will take lead on this as it affects 802.3.

Bob Grow – Mike Bennet (energy efficient Ethernet) could be affected by this. Suggests having a tutorial on this.

7.29 DT EC meeting schedule (rules, SA, etc.)

- Nikolich 3 09:44 AM

Nikolich presented the schedule for the EC meetings for the week.

Nikolich requested that the room be cleared and called for a 5 minute break.

EC meetings for the week

(held in CROCKETT)

- Monday 7-8pm How should 802 address “white space”? EC brainstorm... (Kraemer)
- Monday 8-9pm Reorganizing the plenary structure (Jeffree)

- Tuesday 9-noon reserved (Nikolich)
- Tuesday noon-1pm Attendance Tool discussion (Sahr)
- Tuesday 1-2pm open
- Tuesday 3-5pm open
- Tuesday 6:30-8pm Forging consensus, addressing dominance (Thaler)
- Tuesday 8:00-10pm open

- Wed 9-noon open
- Wed noon-1pm open
- Wed 1-3pm 802 Task Force (Nikolich)
- Wed 3-4pm 802 future budget discussion (Hawkins)
- Wed 4-5pm prepare future nNA venue recommendations for EC decision (Rigsbee)

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

7.30	Executive session: clear room except EC members		5	9:44 AM
7.31	DT Subpoena activity, executive session	- Nikolich	10	
7.32	DT EC Retreat, executive session	- Thompson	10	

Minutes for executive session are in a separate document.

7.33	DT ADJOURN SEC MEETING	- Nikolich		10:28 AM
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Executive session adjourned at 10:28 am.

8.00	PL IEEE 802 PLENARY MEETING STARTS	- Nikolich	60	11:00 AM
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Agenda

11:00 Welcome Nikolich

- Financial Report (Hawkins),
- Patent Policy (Thompson),
- Membership Policy and P&P update (Sherman),
- New Member/Mentoring updat (Thaler),
- General announcements (tutorials, new PARs, etc.-Rigsbee) - 20 minutes
- Q&A on above topics - 10 minutes

Forging Consensus/Dominance ad hoc (Thaler) - 5 minutes

Q&A - 5 minutes

Sponsor Ballot process clarification (Kraemer) - 5 minutes

Closing remarks, notices, adjourn - 5 minutes

The members of the 802 EC introduced themselves and stated their affiliations.

IEEE802 Monday Plenary Agenda

- 11:00 Welcome Nikolich
 - Financial Report (Hawkins),
 - Patent Policy (Thompson),
 - Membership Policy and P&P update (Sherman),
 - New Member/Mentoring update (Thaler),
 - general announcements (tutorials, new PARs, etc.-Rigsbee) - 20 minutes
 - Q&A on above topics - 10 minutes
- Forging Consensus/Dominance ad hoc (Thaler) - 5 minutes
 - Q&A - 5 minutes
- Sponsor Ballot process clarification (Kraemer) - 5 minutes
- Closing remarks, notices, adjourn - 5 minutes

IEEE 802 ORGANIZATION

EXECUTIVE COMMITTEE (EC)

CHAIR
Paul Nikolich

WORKING GROUP/TAG CHAIRS

APPOINTED OFFICERS

802.1 BRIDGING/ARCH Tony Jeffree	802.3 CSMA/CD David Law	802.11 WLAN Bruce Kraemer	802.18 TAG Radio Regulatory Mike Lynch	1st VICE CHAIR Mat Sherman	2nd VICE CHAIR Pat Thaler
802.15 WPAN Bob Heile	802.16 BWA Roger Marks	802.17 ResPackRing John Lemon	802.19 TAG Coexistence Shellhammer	EXECUTIVE SECY Buzz Rigsbee	RECORDING SECY James Gilb
802.20 MBWA Mark Klerer	802.21 Handoff Vivek Gupta	802.22 WRAN Carl Stevenson		TREASURER John Hawkins	MEMBER EMERITUS Geoff Thompson

HIBERNATION

802.2 LLC (Dave Carlson)
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
802.5 Token Ring

IEEE Standards Organization

Policy

Grow, Mills



Standards Process

Grow



Standards Process

Grow, Mills, Law, Parsons, Epstein, Greenspan, Rosdahl



Approval Process

YK Kim, Thompson, Rosdahl, Epstein



Law, Chaplin, Barber, Diab

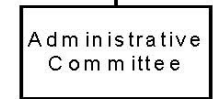
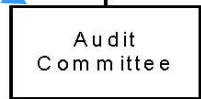
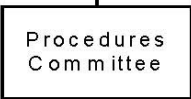


Law, Chaplin, Greenspan

Law, Mills, O'Brien

Process Control

Law, Parsons



Standardization Activities



IEEE 802 is here:

Nikolich stated that the 802.5 standards have been withdrawn and the 802.5 working group has been disbanded. The only hibernating groups are 802.2 and 802.12.

Nikolich introduced the IEEE staff members.

IEEE Staff Introductions

1. Karen Kenney: 802 Ombudsman and Associate Managing Director, Business Administration
2. Michelle Turner Program Manager, Document Development
3. Michael Kipness: Program Manager, Technical Program Development
4. Kathryn Cush: Program Manager, Technical Program Development
5. Bob LaBelle: Manager, Networks and Telecommunications
6. Chris Sahr: Technical Project Manager, Attendance Automation
7. Walter Pienciak Manager of Electronic Information
8. Sue Vogel: Director, Technical Committee Programs

Thompson read the patent slides

Participants, Patents, and Duty to Inform

All participants in this meeting have certain obligations under the IEEE-SA Patent Policy. Participants:

- “Shall inform the IEEE (or cause the IEEE to be informed)” of the identity of each “holder of any potential Essential Patent Claims of which they are personally aware” if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
 - “Personal awareness” means that the participant “is personally aware that the holder may have a potential Essential Patent Claim,” even if the participant is not personally aware of the specific patents or patent claims
- “Should inform the IEEE (or cause the IEEE to be informed)” of the identity of “any other holders of such potential Essential Patent Claims” (that is, third parties that are not affiliated with the participant, with the participant’s employer, or with anyone else that the participant is from or otherwise represents)
- The above does not apply if the patent claim is already the subject of an Accepted Letter of Assurance that applies to the proposed standard(s) under consideration by this group
 - Quoted text excerpted from IEEE-SA Standards Board Bylaws subclause 6.2
- **Early identification of holders of potential Essential Patent Claims is strongly encouraged**
- **No duty to perform a patent search**

Other Guidelines for IEEE WG Meetings

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

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

Reminder

- Upon government request, the IEEE makes available IEEE 802 documents, including password protected EC/WG/TAG documents and archives.

Sherman presented on the P&P updates

LMSC Policy and Procedures Update

Author:

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

Date: November 10th, 2008

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://standards.ieee.org/board/aud/LMSC.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

- Ballot to create OM was held
 - Find materials at
 - <http://grouper.ieee.org/groups/802/PNP/PNP-development.html>
- Comment resolution is on going
 - No comments since most recent resolution in 8/08
- Will hold approval vote in Friday EC meeting
- Held Sunday Night P&P Review
 - Discussed current AudCom activities
 - Discussed possible activities after OM revision complete

Current P&P Issues

- Restructuring of P&P per AudCom
 - Creation of Operations Manual
 - Approval vote Planned for Friday
- Baseline WG P&P
 - IEEE-SA AudCom is creating baseline WG P&P
 - LMSC will need to formally review of WG P&P
 - Must compare to AudCom baseline WG P&P
 - AudCom will do ‘spot checks’
 - May need adjustment to LMSC OM or P&P

Questions?

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

Nikolich presented the list of Draft PARs to be sent to NesCom

Law discussed the PARs submitted by 802.3. No questions were asked.

Kraemer discussed the PARs submitted by 802.11. No questions were asked.

Heile discussed the PARs submitted by 802.15. No questions were asked.

Klerer discussed the PAR submitted by 802.20. No questions were asked.

Gupta discussed the PAR submitted by 802.21.

Grow asked if it was an ammendment.

Gupta indicated that it was an ammendment.

Thompson asked if this was a broadcast technology, then why is it a part of the 802 group.

Gupta – The technologies already exist, this discusses only handover, for example from a broadcast technology to an 802 technology.

Draft PARs to NesCom

- IEEE P802.3.1 Standard for Management Information Base (MIB) definitions for Ethernet
- IEEE P802.3-2008/Cor 1 (IEEE 802.3bb) Corrigendum 1 Timing considerations for PAUSE operation
- IEEE P802.3bc Amendment: Ethernet Organizationally Specific TLVs
- IEEE P802.3at DTE Power Via MDI Enhancements, modification to Existing Approved PAR

- IEEE P802.11 Revision PAR for IEEE Std 802.11-2007
- IEEE P802.11 Very High Throughput 60 GHz PAR

- IEEE 802.15.4f Low Rate WPANs- Amendment: Active RFID System PHY
- IEEE 802.15.4g Low Rate WPANs- Amendment: PHY for WNAN)
- IEEE 802.15.7 PHY&MAC Standard for short-range wless optical communication using visible light

- IEEE P802.20b MAC Bridging Support

- IEEE P802.21 Media Independent Handover Services - Extensions for Supporting Downlink Only Broadcast Technologies

Hawkins presented the treasurer's report, "TreasurerOpeningReportv1.pdf"

IEEE Project 802
Statement of Operations
Jul 2008 Plenary Session
Denver, CO
As of Nov 9, 2008

DRAFT

Session Income	dB	Est/Act	Budget	Deviation
Net Registrations		1,484	1,300	184
79.9% 1185 Early Registrations @ \$400	\$ 474,000			
25 Early cancellations @ \$400	(10,000)			
36 Cancellations @ \$350	(12,600)			
20.1% 298 Registrations @ \$500	149,000			
1 Cancellation @ \$500	(500)			
7 Cancellation @ \$450	(3,150)			
0.1% 1 Student @ \$150	150			
3 Other credits @ \$100	(300)			
Registraion Subtotal	\$ 596,600	\$ 596,150	\$ 547,820	\$ 48,330
0 Deadbeat Payment @ \$500		0	0	0
Interest		1,753	150	1,603
Other (Hotel comps and commission)		86,150	75,000	11,150
TOTAL Session Income		\$ 684,053	\$ 622,970	\$ 61,083
Session Expenses		Est/Act	Budget	Deviation
Audio Visual Rentals		23,674	25,500	1,826
Audit		0	0	0
Bank Charges		93	350	258
Copying		2,264	3,500	1,236
Credit Card Discounts & Fees		17,093	15,652	(1,441)
Equipment Expenses		328	15,000	14,672
Get IEEE 802 Contribution		106,125	95,550	(10,575)
Insurance		0	0	0
Meeting Administration		98,880	80,861	(18,019)
Misc Expenses		4,509 *	7,500	2,991
Networking		60,565	68,000	7,435
Other Expenses		0	0	0
Phone & Electrical		1,037	2,000	963
Refreshments		132,200	150,000	17,800
Shipping		15,357	15,000	(357)
Social		86,421	75,000	(11,421)
Supplies		214	800	586
TOTAL Session Expense		\$ 548,759	554,713	5,954
NET Session Surplus/(Deficit)		135,294	68,257	67,037
Analysis				
Refreshments per registration		89	115	26
Social per registration		58	58	(1)
Meeting Admin per registration		67	62	(4)
Surplus/(Loss) per registration		91	53	39

* Misc items: Hotel gratuities, service awards, survey charges, room rental

Cash recognized on hand as of Nov 7, 2008	\$ 1,152,839
Additional income for Jul 09 session	\$ -
Reserve for unpaid expenses for prior sessions	\$ -
Reserve for other outstanding commitments	
Income received for current session	\$ (15,200)
Expenses prepaid for current session	\$ 45,033
Expenses prepaid for future sessions	\$ -
Operating Reserve following this session	\$ 1,182,672

IEEE Project 802
Estimated Statement of Operations
Nov 2008 Plenary Session
Dallas, TX
As of Nov 9, 2008

DRAFT

Meeting Income	<i>Estimate</i>	Budget	Variance
##	1,400	1,400	0
Registration income	602,000	602,000	0
Cancellation refunds	(12,040)	(12,040)	
##	0	0	0
Bank interest	1,400	1,400	0
Other income	75,000	75,000	0
TOTAL Meeting Income	\$ 666,360	\$ 666,360	0
Meeting Expenses	<i>Estimate</i>	Budget	Variance
Audio Visual Rentals	25,500	\$ 25,500	0
Audit	0	0	0
Bank Charges	350	350	0
Copying	2,600	3,500	900
Credit Card Discount	17,458	17,458	0
Equipment Expenses	7,500	15,000	7,500
Get IEEE 802 Contribution	102,900	102,900	0
Insurance	0	0	0
Meeting Administration	101,610	101,610	0
Misc Expenses	2,500	3,500	1,000
Network	70,000	70,000	0
Other Expenses	0	0	
Phone & Electrical	2,000	2,000	0
Refreshments	150,000	150,000	0
Shipping	15,000	15,000	0
Social	50,000	50,000	0
Supplies	800	800	0
Other Discounts	0	0	0
TOTAL Meeting Expense	\$ 548,218	\$ 557,618	9,400
NET Meeting Income/Expense	<u>\$ 118,142</u>	<u>\$ 108,742</u>	9,400

Rigsbee spoke regarding the nNA venues. Should have an update by the end of this session. No questions were asked.

Nikolich presented the EC meeting schedule. Indicated that there will be no tutorials this week.

Kraemer spoke regarding the discussion on “white space”

Peter Ecclesine stated that 802.11 document 1254r1 concerns the use of white spaces and will be discussed Tuesday morning, WNG ad-hoc

Jeffree discussed the meeting on scheduling the plenary meetings. Nikolich asked who in the room found the meeting valuable. Less than half raised their hands.

EC meetings for the week

(held in CROCKETT)

- Monday 7-8pm How should 802 address “white space”? EC brainstorm... (Kraemer)
- Monday 8-9pm Reorganizing the plenary structure (Jeffree)

- Tuesday 9-noon reserved (Nikolich)
- Tuesday noon-1pm open
- Tuesday 1-2pm open
- Tuesday 3-5pm open
- Tuesday 6:30-8pm Forging consensus, addressing dominance (Thaler)
- Tuesday 8:00-10pm open

- Wed 9-noon open
- Wed noon-1pm open
- Wed 1-3pm 802 Task Force (Nikolich)
- Wed 3-4pm 802 future budget discussion (Hawkins)
- Wed 4-5pm prepare future nNA venue recommendations for EC decision (Rigsbee)

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

Thaler presented “Consensus and Dominance Ad Hoc.ppt”

Consensus and Dominance Ad Hoc

- Formed due to persistent concerns about dominance in some task groups
- Attempts at dominance are sometimes due to a failure in using consensus building tools.
- Therefore taking a two pronged approach:
 - Increase consensus building skills
 - Provide chairs with guidelines on identifying dominance.
- The ad hoc will meet Tuesday 6:30 to 8 PM in Crockett

Kraemer presented document on Sponsor ballot process.

Sponsor Ballot – Draft Editing

- The Sponsor balloting procedure is specified by IEEE SA.
- All 802 WGs use a WG balloting process to improve the quality of drafts before beginning a sponsor ballot.
- The composition of the WG ballot group and the Sponsor ballot group can be substantially different.
 - WG ballot groups are composed of WG voting members
 - Sponsor ballot groups are composed of SA members who may not be members of 802 WGs and may join SA to participate in a specific ballot
- The tasks of the Sponsor Ballot comment resolution committee are assigned to the WG or a designated subset
- The comment resolution committee is authorized to:
 - Prepare proposed comment resolutions
 - Revise and update the Draft
 - Begin a sponsor ballot recirculation
- The goal is to complete all of the ballot conditions, including at least 75% approval with appropriate comment resolution, before requesting the 802 EC that the draft should be allowed by the EC to be submitted to RevCom for procedural review and subsequently to the Standards Board for approval to publish.

Nikolich asked if there was any other business or comments. No items were brought up.

8.01 PL IEEE 802 PLENARY MEETING ENDS

11:55 AM

Meeting adjourned at 11:55 am

Respectfully submitted

James Gilb

IEEE 802 recording secretary