MINUTES (Unconfirmed) - IEEE 802 LMSC
EXECUTIVE COMMITTEE MEETING, Revision 0

Monday, November 8, 2010 – 8:00 a.m.
All times Central Standard Time (CST)

Dallas, TX

EC members present:
Paul Nikolich – Chair, IEEE 802 LAN / MAN Standards Committee
Pat Thaler – Vice Chair, IEEE 802 LAN / MAN Standards Committee
Mat Sherman – Vice Chair, IEEE 802 LAN / MAN Standards Committee
John Hawkins – Treasurer, IEEE 802 LAN/MAN Standards Committee
James Gilb – Recording Secretary, IEEE 802 LAN / MAN Standards Committee
Jon Rosdahl – Executive Secretary, IEEE 802 LAN / MAN Standards Committee
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 Lemon – Chair, IEEE 802.17 – Resilient Packet Ring Working Group
Mike Lynch – Chair, IEEE 802.18 – Regulatory TAG
Steve Shellhammer – Chair, IEEE 802.19 – Wireless Coexistence Working Group
Mark Klerer – Chair, IEEE 802.20 – Mobile Broadband Wireless Access Working Group
Subir Das – Chair, IEEE 802.21 – Media Independent Handover Working Group
Apurva Mody – Chair, IEEE 802.22 – Wireless RANs Working Group
Geoff Thompson – Chair, IEEE 802.23 Emergency Services Working Group

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

EC members absent:
None

v02   **AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING**

Monday 8:00AM -10:30AM

Key: **ME - Motion, External, MI - Motion, Internal, DT- Discussion Topic, II - Information Item**

Special Orders	
Category (* = consent agenda)	

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

Meeting called to order at 8:00 am

2.00	**MI**	**APPROVE OR MODIFY AGENDA**	**Nikolich**	**4**	**08:00 AM**

Motion is to approve the agenda, ec-10-0017-02-00EC-November-2010-opening-agenda.xls

Hawkins' name is spelled wrong on the agenda, it will be corrected in the minutes

Moved by Law seconded by Sherman

Vote is 16/0/0, motion approved.

v02   **AGENDA – IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING**

Monday 8:00AM -10:30AM

Key: **ME - Motion, External, MI - Motion, Internal, DT- Discussion Topic, II - Information Item**

<table>
<tr><td colspan="6" style="background:red">Special Orders</td></tr>
<tr><td colspan="6" style="background:yellow">Category (* = consent agenda)</td></tr>
</table>

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	MI*	APPROVE/MODIFY Minutes of July opening meeting, 20100712-opening-minutes-v1.pdf	Nikolich	0	08:05 AM
3.01	MI*	APPROVE/MODIFY minutes of July closing meeting, 20100716-closing-minutes-v1.pdf	Nikolich	0	08:05 AM
3.02	MI*	APPROVE/MODIFY minutes of October conference call,	Nikolich	0	08:05 AM
4.00	II	EC member affiliation updates	Nikolich	2	08:05 AM
4.01	II	IEEE Staff Introductions	Nikolich	2	08:07 AM
4.02					08:09 AM
4.03					08:09 AM
4.04					08:09 AM
					08:09 AM
		Items distributed in advance			08:09 AM
5.00	II	BoG Actions	Nikolich	3	08:09 AM
5.01	II	Stds Board Actions (approved projects, standards, withdrawals)	Nikolich	3	08:12 AM
5.02	II	LMSC Email Ballot Recap	Nikolich	3	08:15 AM
5.03	II	LMSC Meeting Fee Waivers	Nikolich	3	08:18 AM
5.04	II	Tutorial schedule	Nikolich	3	08:21 AM
5.05	II	List of Drafts to Sponsor Ballot	Nikolich	3	08:24 AM
5.06	II	List of Drafts to Revcom	Nikolich	3	08:27 AM
5.07	II	Notice of Study Groups under consideration/status of existing SGs	Nikolich	3	08:30 AM
5.08	II	802 Task Force update	Nikolich	3	08:33 AM
5.09	II				08:36 AM
5.10	II				08:36 AM
5.11	II				08:36 AM
		LMSC items			08:36 AM
7.00	MI	802 contribution for 802.11 20th Anniversary	Rosdahl	5	08:36 AM
7.01	II	EC Workshop action item review	Nikolich	10	08:41 AM
7.02	II	PARS to NesCom	Nikolich	3	08:51 AM
7.03	II	Interim FEB 802 EC teleconference meetings	Nikolich	3	08:54 AM
7.04	II	Single copy sales of PDF status update	McCabe	10	08:57 AM
7.05	II	Get IEEE 802 Update	McCabe	5	09:07 AM
7.06	II	Treasurer's report	Hawking	5	09:12 AM
7.07	II	802.17 ballot status	Lemon	5	09:17 AM
7.08	II	802 Overview and Architecture update	Gilb	5	09:22 AM
7.09	II	P&P update	Sherman	10	09:27 AM
7.10	II	JTC1 ad hoc meeting schedule	Nikolich	5	09:37 AM
7.11	II	March 2011 plenary update	Rigsbee	10	09:42 AM
7.12	II	IEEE-SA Industry Connection activities related to IEEE 802 activities.	Law	10	09:52 AM
7.13	II	Suggested change to Chair's guidelines posted	Rosdahl	10	10:02 AM
7.14	II	Inadequate performance of IEEE IT services	Thompson	10	10:12 AM

7.15					10:22 AM
7.16					10:22 AM
7.17					10:22 AM
7.18					10:22 AM
7.19					10:22 AM
7.20					10:22 AM
7.21	II	EC meeting schedule (rules, SA, etc.)	Nikolich	3	10:22 AM
7.22					10:25 AM
7.23					10:25 AM
7.24	DT	ADJOURN SEC MEETING	Nikolich		10:30 AM

ME - Motion, External   **MI - Motion, Internal**

DT- Discussion Topic   **II - Information Item**

NOV 2010
IEEE 802
LMSC

Opening EC Meeting
8 AM-10:30AM

1

3.00	MI*	APPROVE/MODIFY Minutes of July opening meeting, 20100712-opening-minutes-v1.pdf	Nikolich	0	

Approved as part of the consent agenda

3.01	MI*	APPROVE/MODIFY minutes of July closing meeting, 20100716-closing-minutes-v1.pdf	Nikolich	0	

Approved as part of the consent agenda

3.02	MI*	APPROVE/MODIFY minutes of October conference call,	Nikolich	0	

Approved as part of the consent agenda

4.00	II	EC member affiliation updates	Nikolich	2	08:02 AM

Nikolich presented dot00_NOV_2010-Nikolich-draft01-public 1.pdf, slide 2

Nikolich asked if there were any affiliation changes since the last plenary. No changes in affiliation were stated.

Nikolich indicated that Lemon had arrived 2 minutes late.

Nikolich reminded the group that there will be a change in the Treasurer position, Hawkins will be leaving and Grow has been appointed.

EC Affiliation Update

- Any changes in affiliation among EC members?
- Treasurer update:
  - Bob Grow (Intel) appointed to replace John Hawkins (Ciena)
  - EC Confirmation at closing EC meeting

Nikolich presented dot00_NOV_2010-Nikolich-draft01-public 1.pdf, slide 3

Nikolich introduced the IEEE Staff attending the session.

Theresa deCourcelle will be representing instead of Karen McCabe.

IEEE Staff Introductions

1. Michelle Turner   Sr. Program Manager, Document Development
2. Michael Kipness: Program Manager, Technical Program Development
3. Kathryn Cush: Program Manager, Technical Program Development
4. Catherine Berger: Project Editor
5. Terry DeCourcelle: Director, International Programs and Governance
6. Alpesh Shah: Strategic Business Development Manager

Nikolich presented dot00_NOV_2010-Nikolich-draft01-public 1.pdf, slide 4

Thompson made a comment on the strategic plan. It does not include fixing any of the massive internal problems. The strategy of the SA is laid out, but the ongoing problems we have is not in the document.

Nikolich presented dot00_NOV_2010-Nikolich-draft01-public 1.pdf, slide 4

SA BoG Update

•Items of interest to 802 community

- Strategic Plan—Published

- ISO/SA agreement under negotiation

•SA re-organized into business units: 802 related groups

- Standards Development and Delivery (SASB, Governance, Editorial, Sales)

- Registration Programs (RAC)

- Infrastructure (BoG, Admin)

- Cross Functional (IT, Marketing, International, Education)

Nikolich presented dot00_NOV_2010-Nikolich-draft01-public 1.pdf, slide 5-6

SEP10
SA Standards Board Actions

Standards Actions (approvals)

New Standards:

        802.1Qat Stream Reservation Protocol,

        802.3az Energy Efficient Ethernet,

        802.11z Direct Link Setup,

        802.22.1 Harmful Interference Protection

Revised Standards: none

Reaffirmations: **802.15-2005 WPAN**

Corrigendum: **none**

Extensions: none

Withdrawals: none

SEP10
SA Standards Board Actions

Project Actions (approvals)

New Projects:
> **P802.11ah Sub 1GHz**
> **P802.16p Machine –to-Machine Enhancements**

Modified PAR:

Revisions: **P802.15.4-xxxx revision**

Reaffirmations: none

Corrigendum:

Withdrawals:

Extensions: 802.11u, v, s; 802.22, dot22.2

Nikolich presented dot00_NOV_2010-Nikolich-draft01-public 1.pdf, slide 7

LMSC Email Ballot Recap

	close date	topic	yes/no/abs/dnv	result
1)	15 AUG	disband 802.2 WG	16/00/00/00	pass
2)	10 SEP	802.11 WG press release	16/00/00/01	pass
3)	10 SEP	802.3az RevCom submittal	15/00/00/02	pass
4)	16 SEP	802.3az press release	13/00/00/04	pass
5)	03 OCT	802.1Qaz SB authorization	14/00/00/03	pass
6)	15 OCT	defn of "hotel stay"	01/11/02/03	fail
7)	30 OCT	802 input to ITU-R WP5A	16/00/00/01	pass

8) 05OCT   EC interim teleconference meeting decisions
   1) Quorum (>50%) met (Absent EC members: Thaler, Hawkins, Lemon, Klerer)
   2) Conditional approval to forward 802.15.7 to Sponsor Ballot—pass
   3) Approval of ITU Communication--pass

Nikolich presented dot00_NOV_2010-Nikolich-draft01-public 1.pdf, slide 8

Alpesh Shah is not getting a waiver because he is here to represent ISTO, which is a commerical interest.

Meeting Fee Waivers

- The following individuals have had their registration fees waived for this plenary session by the LMSC chair.

    – IEEE SA Staff listed earlier (except Alpesh Shah)
    – Invited Participants
        - None at this time

Nikolich presented dot00_NOV_2010-Nikolich-draft01-public 1.pdf, slide 9

Heile summarized the two tutorials.

Kraemer said that it was his understanding that a tutorial should have a wide variety of speakers for a given tutorial topic. He asked for clarification.

Nikolich said that it the tutorial is related to an upcoming PAR proposal, it should have a few people to show a broad interest in the topic.

Jeffree indicated that it is a split between education and new work. Educate 802 is OK to have a limited number of speakers. For new work, it should be a broader group of people.

Thompson said that there is an effectiveness issue in terms of keeping the attention span of the audience.

Thaler said that ideally it should be at least three. There are some special cases where one is appropriate, but generally is not preferred.

Heile indicated that the order of the tutorials is incorrect, it should be 100 Gb/s beyond 300 GHz, Key management protocols, and then ASN.1 for Network Standard

Nikolich updated the slide to show the correct order and times.

Tutorial/Information Schedule

Monday	
1) 100 Gb/s beyond 300 GHz 6:00-7:30PM sponsor: B Heile	
2) ASN.1 for Network Standards 7:30-9:00PM sponsor: R Marks	
3) Key Management Protocols 9:00-10:30PM sponsor: B Heile	

Nikolich presented dot00_NOV_2010-Nikolich-draft01-public 1.pdf, slide 10

802.1 - 802.1Q-REV, 802.1BA, 802.1AC

802.3 - 802.3.1, 802.3bf (conditional), 802.3bg

802.11 - none

802..15 - 802.15.7 (conditional), 802.15.4i (conditional)

802.16 - none

802.17 - 802.17d

802..19 - none

802.20 - none

802.21 - none

802.22 - 802.22 (conditional)

802.23 - None

Draft Standards to Sponsor Ballot

- Check with EC members
- 802.01: tbd
- 802.03: tbd
- 802.11: tbd
- 802.15: tbd
- 802.16: tbd
- 802.17: none
- 802.20: none
- 802.21: tbd
- 802.22: tbd
- 802.23: none

Nikolich presented dot00_NOV_2010-Nikolich-draft01-public 1.pdf, slide 11

802.1 - 802.1D reaffirmation

802.3 - none

802.11 - 802.11u (conditional), 802.11v (conditional), 802.11 revision plan

802.15 - none

802.16 - 802.16m (conditional)

802.17 - none

802.19 - none

802.20 - none

802.21 - none

802.22 - PAR extensions presubmitted for 802.22 and 802.22.2

802.23 - none

Title of this item was changed to be "Items for RevCom consideration"

Draft Standards to RevCom

- Check with EC members
- 802.01: dot3bd
- 802.03:
- 802.11: dot11u, dot11v
- 802.15:
- 802.16:
- 802.17:
- 802.19:
- 802.20:
- 802.21:
- 802.22:
- 802.23:

Nikolich presented dot00_NOV_2010-Nikolich-draft01-public 1.pdf, slide 12, PARs due to timeout Dec 10.

802.11 revision PAR does not need to be renewed at this time. There is an open project that can be used for this.

Rosdahl said that 802.11mb was an amendment, now there is a revision PAR that is a roll-up that handles the changes in 802.11mb. There will be a new PAR for maintenance activity in 802.11.

Marks said that for 802.16m has been pre-submitted and is on the December NesCom agenda.

PARs due to time out DEC10

- P802.22
- P802.11 revision
- Others?

Nikolich presented dot00_NOV_2010-Nikolich-draft01-public 1.pdf, slide 13

802.1 - none

802.3 - 100 Gb/s Ethernet electrical backplane and copper cable assemblies (initial)

802.11 - Fast Initial Authentication (2nd extension)

802.15 - Personal Spaces Communications (3rd extension), Low energy critical infrastructure monitoring (2nd extension), Medical body area networks (2nd extension)

802.16 - none

802.17 - none

802.18 - none

802.19 - none

802.20 - none

802.21 - none

802.22 - none

802.23 -none

Law asked if 802.17 PAR is on the 5 year list for extension.

Rosdahl said that there may need to be a plan to justify the extension

Nikolich asked if we need to make a decision on Friday?

Grow said he will look it up.

Status of Study Groups

- WG chairs to report
  - SGs?
    - 802.1- none
    - 802.3 – none
    - 802.11– sub-1 Gigahertz (2nd extension), Fast Initial Authentication (2nd ext)
    - 802.15 – Personal Spaces Communications (3rd extension),
      Low Energy Critical Infrastructure Monitoring (2nd ext),
      Medical Body Area Networks (2nd extension)
    - 802.16 - none
    - 802.17 - none
    - 802.18 - none
    - 802.19 - none
    - 802.20 - none
    - 802.21 – Hetrogeneous Wireless Network Management SG (2nd extension)
    - 802.22 – none
    - 802.23 - none

Nikolich presented dot00_NOV_2010-Nikolich-draft01-public 1.pdf, slide 14

LaBelle will be calling in for IT services item.

McCabe will be calling in for Single copy sales channel update.

Law added the item - SA Industry Connections.

Jeffree stated that 802.1Qat was published the same day it was approved and thanked the staff.

There was applause for the good work of the staff.

Nikolich stated that the response for fast publishing has been very good.

IEEE-SA/802 Task Force

- Wednesday 1-3pm
- Tentative Agenda
    1. IT Services uptime/availability requirements (LaBelle)
    2. Single Copy Sales Channel--update (McCabe)
    3. JTC1/SC6 update regarding potential 802 items
    4. Status of 'fast publishing' trial (Turner)
    5. GetIEEE 802 budget (Hawkins)
    6. Action item review – Nikolich
    7. Adjourn

7.00   **MI**   **802 contribution for 802.11 20th Anniversary**   **Rosdahl**   **5**   **08:41 AM**

Rosdahl presented Agenda Item 7-00 - 802 Contribution for the 802-11 20th Anniversary.ppt

Motion is Whereas 802.11 celebrated their 20th anniversary at the 802 Wireless Interim session Sept 2010,

move to provide $1000 from the 802 treasury to assist in the costs of the 802.11 anniversary activities.

Moved by Rosdahl, seconded by Hawkins

Law spoke in the favor of the motion, we supported the celebration of Ethernet previously

Vote is 17/0/0, motion passes

7.00: MI: 802 Contribution for 802.11 20th Anniversary

7.00 Introduction

- The wireless chairs agreed to help with the expenses of the 802.11 20th anniversary. Pursuant to the rules, each EC member may ask for reimbursement up to $200 for appropriate use between plenaries.

- The Wireless Chairs (.18, .19, .20 .22, and .23) and EC members James Gilb and Jon Rosdahl are eligible for reimbursements for appropriate expenses. The .11 and .15 chairs are not eligible because they operate with treasury.

- Receipts greater than $1400 for many line items may be provided to show that proper expenses were expended ,but it may look strange to say that we are reimbursing the individual chairs with a large receipt to the auditors..

- This request is to provide a nominal portion to assist in the 20th anniversary celebration.

7.00 Motion

- Motion:
- Whereas 802.11 celebrated their 20th anniversary at the 802 Wireless Interim session Sept 2010,
- move to provide $1000 from the 802 treasury to assist in the costs of the 802.11 anniversary activities.
-
- Moved: Jon Rosdahl
- 2nd : John Hawkins.

Nikolich presented dot00_NOV_2010-Nikolich-draft01-public 1.pdf, slide 15-16

Gilb will discuss the 802 architecture in item 7.08

Nikolich indicated that he would be working with Sherman to update the Chair's guidelines

Rosdahl indicated that with the new WG P&P and separate operations manual, we have completed the disparities in WG practice item.

Nikolich asked for an update on the meeting plans for the EC workshop in July.

Rigsbee said that the Dallas Hyatt says that they owe us one more meeting, but wants it at this hotel. We also have one at the Hyatt in San Antonio and in Hyatt Atlanta, which would be the November meeting. Otherwise it would be approximately $10 K cost. San Francisco is our largest attendance, which is another reason to have it there.

Kraemer asked if we agree that we are going to have the meeting. He thinks we should have the meeting.

Nikolich said that it was high value and that the group wants to do it.

Thompson said that there is not the urgency to have the meeting, like last time.

Nikolich asked if Thompson would chair the meeting and develop the agenda.

Thompson said he did not know if he could chair, but could develop the agenda.

Law had an updated on the item on distribution of standards. The rules now state that drafts may be distributed to participants.

Marks asked about the downloadable and machine readable content.

Thompson said that the issue was for the SA to create a home for these items and Grow has taken it over to forward it to the SA.

Grow said that there is a new website, but it needs some improvements.

Das asked about the numbers in parentheses.

Nikolich said that was the number of action items.

EC Workshop Action
802 Architecture

- Emphasize that conformance to 802 O&A is part of the evaluation criteria by the EC in approving a PAR and that the text in the O&A be an effective tool
  - - Action: Nikolich, Implementation: WG/TAG Chairs

- WG chairs have identified at least one candidate to champion 802 O&A within the WG and resolve comments
  - Jeffree, Mat Landry, Bagby, Gilb, Barber, Lemon, Shellhammer, Lynch, Klerer, Zuniga, Hu, Thompson

- EC Chair and Editor—James Gilb
  - Meetings on Monday 4-6 pm and Thursday 4-6 pm.
    - Monday we will triage the outstanding comments and assign people to work on them
    - Thursday we will look over the results and discuss next steps.

- WG chairs announce the 802 O&A revision work to the working groups chairs, via email and at March10 WG opening plenary.

EC Workshop Action Items

- **High Priority**
  - ►802 Architecture (7 Nikolich/Jeffree/EC)
  - ► Distribution of Standards and Drafts (1 EC)
- **Medium Priority**
  - ► Disparities in WG practice for common problems (4 Rosdahl/Law/Nikolich/EC)
  - ► Succession Training (12 Gilb/Kraemer/Nikolich/Law/Grow/EC)
  - ► Process Changes (11 Gilb/Rosdahl/Thaler/Kraemer/Law/Marks/EC)
  - ► Domination and other distortions to the consensus process (1 Thaler/Nikolich)
- **Low Priority**
  - ► Downloadable and Machine Readable Content (2 Thompson/Law)
  - ► Inter-group complaints/relationships (2 Nikolich/Marks)
  - ► Scope of 802.21 (2 Subir Das/Jeffree)

Nikolich presented dot00_NOV_2010-Nikolich-draft01-public 1.pdf, slide 17

Thompson asked that item 4 be removed as the submittal was incomplete.

Heile indicated that this has been actively discussed. The submission is technically incomplete and so according to P&P, it was not submitted within the 30 day window. However, this PAR has generated a lot of discussion and he would like to continue the process so that the group can get comments to improve the PAR or that this work is not appropriate for 802.

Sherman asked for clarification on the process.

Nikolich said that we would do the cross-group comments and responses.

Heile said that there is now a response to the missing item and he will circulate it to the EC.

Rosdahl said that we should not say that we will withdraw it from the Friday agenda, but rather put in comments that indicate that we would vote against it due the missing item.

Thompson said that the PAR process is an aggressive review time line. He is not in favor of the current process and would prefer a 5 pm Wednesday deadline for comments from the WGs.

Thaler said that 802.15 needs to reach out to 802.1 on how this will fit in the 802 architecture.

Sherman's current view is that it should be ruled out of order as incomplete.

Jeffree said that we are in danger of constructing process on the fly, in which case the deadline is Tuesday 5 pm.

Thompson said it would not be fair to put it through the same process as the other PARs

Nikolich said that we will withdraw the PAR from consideration. Heile will circulate a request for comments from the EC on the PAR with a time line for responses.

Kramer indicated that the PAR name for FIA SG will be fast link setup.

Draft PARs to NesCom

1. **802.11 Amendment for fast initial authentication (FIA)**
2. **802.15.4 Amendment for medical body area network (MBAN) services**
3. **802.15.4 Amendment for low energy critical infrastructure monitoring (LECIM) networks**
4. **802.15.8 Standard for personal space communications**
5. **802.1AEbn Security Amendment for Galois counter mode-Advanced Encryption Standard-256 (GCM-AES-256) cipher suite**

- Maintenance PARs
  - PAR extensions

7.03	II	Interim FEB 802 EC teleconference meetings	Nikolich	3	09:12 AM

Nikolich discussed the upcoming EC conference calls. He proposed the first Tuesday of February and October, for 2011 the call would be scheduled for 1 Feb. 2011, 1-3 pm ET.

7.04	II	Single copy sales of PDF status update	McCabe	10	09:14 AM

deCourcelle presented 802 Nov Plenary_Single Sale Update.ppt

No changes from July status. Key is to have less than 24 hours to make it available.

Law asked if the the $1 per download is for all 802?

deCourcelle said that she is new to this and would like to have questions sent by email so that they can be answered correctly

Thompson does not like the that additional revenue is used to reduce 802 registration fees. Suggests that it should be that it reduces the 802 contribution.

Rigsbee said that $225k is the contribution.

Nikolich said that we will reserve this issue for the 802 Task Force meetings.

Sherman asked for rationale for the $225k.

Hawkins said that we have made progress from July, but the February deadline is soon and the group has not voted on the $225k number.

Rigsbee said that $225k is a historical value. He asked if we have a vendor to whom we can send an RFP.

deCourcelle said that there is a vendor to whom they are speaking, Tech Street.

Single Sales Update

Theresa deCourcelle (for Karen McCabe)

IEEE 802 Plenary; 802 EC

8 November 2010

New Single Sale Standards Channel

Outsourcing of single sale standards to distributor whose core competency is delivering standards & related content underway

Build & operate an enhanced & customized IEEE Standards Store

Handle order processing, fulfillment, POD, customer support

Redirect standards product out of *Xplore* and Online Shop

Goal to have live Feb 2011

Features:

Cross-selling (related & referenced standards)

Algorithm-generated product recommendations

Fast time-to-market for standards (**less than 24 hrs** to post product for discovery, purchase & fulfillment)

Standards-specific database with 20 different relationship types

Flexible category browsing system integrated with product records & navigation (ability to have stds category and/or family sub-home pages, to have vertical industry or technical areas)

The 802 EC "Micropayment" Proposal

Two year pilot; subject to review every 4 months by SA and LMSC EC

All IEEE 802 drafts & standards (full IEEE 802 library) available for purchase at micropayment payment ($1) per download

No wait period (6 months after publication)

Existing terms & conditions for use of standards & drafts apply

Becomes the "revised" Get IEEE 802 Program

IEEE 802 LMSC guarantees SA a minimum of ~$225K per year

If revenue stream from $1/download exceeds ~$225K, revenue will be used to reduce 802 registration fees

Once 802 LMSC operating costs are covered by the download revenue stream, there will be a revenue share model between SA & LMSC

The 802 EC "Micropayment" Proposal

BoG Portfolio Management Team requested Business Case

Staff team formed to work on Business Case

Leveraging work done to date (acquired during exploration to build/host 802 Micropayment environment)

Analyzing Get IEEE 802 Standards downloads

Pulling updated data (802 standards sales, units, downloads)

Developing option/scenarios costs & potential revenue

Addressing potential impact on subscription packages

Goal to have draft of business case by 3 Dec

Thanks!!!

deCourcelle presented 802 Nov Plenary_Get 802 Update.ppt

Get IEEE 802® Update

Theresa deCourcelle (for Karen McCabe)

IEEE 802 Plenary; 802 EC

8 November 2010

Download Stats

Program total downloads to date (April 2003 to June 2010)	5,309,134
Program 2010 Year to Date downloads (Jan 2010-Oct 2010)	405,818
Program 2010 weekly average (40 weeks) downloads	10,145

IEEE STANDARDS ASSOCIATION

◈IEEE

User Type (April 2003 to November 2010)

User Type	Downloads
Academic/Student	1,916,725
Attorney/Legal	15,324
Government	132,113
Journalist	49,137
Network Equipment Mfg	529,748
Network Service Provider	4
Network Silicon Mfg	114,528
Network Software Developer	336,442
Other	812,562
Private Network Service Provider	144,774
Public Network Service Provider	328,884
Silicon Mfg	2
Standards Developer	177,793
Systems Admin	226,265
Unknown	524,833
Total	5,309,134

Most Downloaded Standards

Most requested:
- 802.11n
- 802.11
- 802.3
- 802.11k
- 802.11r
- 802.16
- 802

Thanks!!!

Hawkins presented 2010-08-10-TreasurerOpeningRpt.pdf

Hawkins indicated that he is transitioning the bookkeeping functions into Face-to-Face Events, as part of their contract. His intent is to offload the bookkeeping for Singapore to F2F. Grow will take over for Singapore.

Draft

IEEE Project 802
Estimated Statement of Operations
Jul 2010 Plenary Session
San Diego, CA
As of Nov 8, 2010

Income				Act/Est						Budget					Var
Paid Registration Summary (dB)	Fee	Cxl	LCxl	Gross	Cxl	LCxl	Net		Net Amt	%	Gross	Cxl	Net	Net Amount	%	
Pre-registration	$ 700	$ (700)	$ (650)	35	1	0	34	$	23,800	4%	40				4%	
Pre-registration (with discount)	$ 400	$ (400)	$ (350)	660	13	20	627	$	251,800	67%	700				70%	
Web-registration	$ 800	$ (800)	$ (750)	42	0	1	41	$	32,850	4%	30				3%	
Web-registration (with discount)	$ 500	$ (500)	$ (450)	165	0	3	162	$	81,150	17%	150				15%	
Onsite-registration	$ 900	$ (900)	$ (850)	23	0	1	22	$	19,850	2%	20				2%	
Onsite-registration (with discount)	$ 600	$ (600)	$ (550)	45	0	0	45	$	27,000	5%	60				6%	
Student-registration	$ 100			0	0	0	0	$	-	0%	0				0%	
Total Registration				970	14	25	931	$	436,450	100%	1000	20	980	$451,780	100%	($15,330)
Bank								$	428,400	85%					87%	
Non-registration Income																
Deadbeat collections								$	-	0%				$ -	0%	$0
Bank interest								$	362	0%				$ 25	0%	$337
Comps & Commissions								$	75,694	15%				$ 70,000	13%	$5,694
Other								$	-	0				$ -	0%	$0
Total Session Income								$	504,456	100%				$ 521,805	100%	($17,349)
Expenses																
Audio Visual								$	25,138	5%				$ 25,500	5%	($362)
Audit								$	-	0%				$ -	0%	$0
Bank Charges								$	170	0%				$ 350	0%	($180)
Copying								$	955	0%				$ 3,500	1%	($2,545)
Credit Card Discounts & Fees								$	21,161	4%				$ 15,812	3%	$5,349
Equipment Expenses								$	337	0%				$ 1,000	0%	($663)
Get IEEE 802 Conttribution								$	69,825	14%				$ 73,500	15%	($3,675)
Insurance								$	-	0%				$ -	0%	$0
Meeting Administration								$	75,926	15%				$ 80,410	16%	($4,484)
Misc Expenses*								$	4,241	1%				$ 2,500	1%	$1,741
Networking								$	97,847	20%				$ 100,000	20%	($2,153)
Other Expenses								$	-	0%				$ 1,000	0%	($1,000)
Phone & Electrical								$	2,200	0%				$ 200	0%	$2,000
Refreshments								$	124,932	25%				$ 110,000	22%	$14,932
Shipping								$	9,379	2%				$ 15,000	3%	($5,621)
Social								$	59,680	12%				$ 70,000	14%	($10,320)
Supplies								$	1,053	0%				$ 800	0%	$253
Total Session Expense								$	492,845	100%				$ 499,572	100%	($6,727)

* reg counters, grats

| **Net Session Surplus/(Loss)** | | | | | | | | $ | **11,611** | | | | | $ | **22,233** | |

Draft

IEEE Project 802
Estimated Statement of Operations
Nov 2010 Plenary Session
Dallas, TX
As of Nov 8, 2010

Income

Paid Registration Summary (dB)	Fee	Cxl	LCxl	Act/Est Gross	Cxl	LCxl	Net	Net Amt	%	Budget Gross	Cxl	Net	Net Amount	%	Var
Pre-registration	$ 700	$ (700)	$ (650)	31	1	6	24	$ 17,100	3%	36				4%	
Pre-registration (with discount)	$ 400	$ (400)	$ (350)	538	6	13	519	$ 208,250	64%	630				70%	
Web-registration	$ 800	$ (800)	$ (750)	15	0	0	15	$ 12,000	2%	27				3%	
Web-registration (with discount)	$ 500	$ (500)	$ (450)	188	0	5	183	$ 91,750	23%	135				15%	
Onsite-registration	$ 900	$ (900)	$ (850)	14	0	0	14	$ 12,600	2%	18				2%	
Onsite-registration (with discount)	$ 600	$ (600)	$ (550)	52	1	1	50	$ 30,050	6%	54				6%	
Student-registration	$ 150			2	0	0	2	$ 300	0%	0				0%	
Total Registration				840	8	25	807	$ 372,050	100%	900	18	882	$406,602	100%	($34,552)
Bank								$ 372,050	84%					87%	

Non-registration Income

	Act/Est	%	Budget	%	Var
Deadbeat collections	$ -	0%	$ -	0%	$0
Bank interest	$ 300	0%	$ 300	0%	$0
Comps & Commissions	$ 70,000	16%	$ 60,000	13%	$10,000
Other	$ -	0	$ -	0%	$0
Total Session Income	$ 442,350	100%	$ 466,902	100%	($24,552)

Expenses

	Act/Est	%	Budget	%	Var
Audio Visual	$ 20,000	4%	$ 20,000	4%	$0
Audit	$ -	0%	$ -	0%	$0
Bank Charges	$ 350	0%	$ 350	0%	$0
Copying	$ 2,000	0%	$ 2,000	0%	$0
Credit Card Discounts & Fees	$ 20,330	4%	$ 20,330	4%	$0
Equipment Expenses	$ -	0%	$ 1,000	0%	($1,000)
Get IEEE 802 Conttribution	$ 60,525	13%	$ 66,150	14%	($5,625)
Insurance	$ -	0%	$ -	0%	$0
Meeting Administration	$ 72,375	16%	$ 76,050	16%	($3,675)
Misc Expenses*	$ 4,500	1%	$ 4,500	1%	$0
Networking	$ 95,000	21%	$ 95,000	20%	$0
Other Expenses	$ -	0%	$ -	0%	$0
Phone & Electrical	$ 500	0%	$ 500	0%	$0
Refreshments	$ 110,000	24%	$ 110,000	23%	$0
Shipping	$ 15,000	3%	$ 15,000	3%	$0
Social	$ 60,000	13%	$ 60,000	13%	$0
Supplies	$ 800	0%	$ 800	0%	$0
Total Session Expense	$ 461,380	100%	$ 471,680	100%	($10,300)

* reg counters, grats, CDs

| **Net Session Surplus/(Loss)** | $ (19,030) | | $ (4,778) | |

| 7.07 | II | 802.17 ballot status | Lemon | 5 | 09:36 AM |

Lemon said that the WG ballot passed with no comments and that there will be a request to forward to Sponsor ballot on Friday.

Law said that the PAR for 802.17is good until 2013.

| 7.08 | II | 802 Overview and Architecture update | Gilb | 5 | 09:39 AM |

Gilb discussed the status of 802

Meetings will be 6 pm to 8 pm on Tuesday (Gascom B) and 8 am to 10 am on Thursday (Cumberland D)

| 7.09 | II | P&P update | Sherman | 10 | 09:42 AM |

Sherman presented VC1_08112010_r0_EC_Rules_Update - opening.ppt

Nikolich said that there will be meeting for Chair's guidelines, Tuesday 9 am, in the 802 meeting room.

Sherman asked for feedback on the baseline P&P to be sent to him.

Rosdahl said that there are some places that cannot be changes, there are other places that are marked as shall, that could be should with proper justification. The updates to the baseline P&P are in response to comments from the group. If we have feedback, we should have it for the meeting in December.

EC Update on LMSC Rules

Author:

Matthew Sherman
Vice Chair, IEEE 802
BAE Systems - ES
Matthew.Sherman@BAESystems.com

Date: November 8th, 2010

LMSC Rules Status

- OM and WG P&P are up to date

- LMSC P&P is up to date except for AudCom changes

  - Preference is to defer updates till necessary

- Held rules review on 11/7/2010

  - See EC-10-0020-00-00EC for minutes

  - One change to WG P&P is recommended

  - Chair's Guide needs a number of changes

11/7/10 Rules Review

- The following issues were considered
  - Rules for WG "Letter Ballot" balloting groups
  - Rules for Interim meetings
  - Review current ballot on LMSC P&P revision
  - Status on Chair Guide
  - WG Membership
  - WG Minutes
  - Comments on AudCom baseline

Outcomes from review

- Consensus text was developed to facilitate use of WG LB groups
  - M. Sherman will initiate a ballot this Friday
- Consensus not to push through AudCom changes to the LMSC P&P at this time
  - Wait till we time out, or something needs to change
- M. Sherman will assist in updating the Chair's Guide
- J. Rosdahl posted updated text with consensus changes on interim EC meetings for the Chair's Guide
  - See EC-10-0019-01-00EC
- M. Sherman posted suggested changes to the AudCom baseline operating procedures for comment
  - See EC-10-0021-00-00EC

7.10	II	JTC1 ad hoc meeting schedule	Nikolich	5	09:51 AM

Nikolich discussed the JTC1 ad hoc meeting schedule. It will be from 6:30-8:00 pm as an open 802 meeting in Pryor-Crockett.

Kraemer will introduce the topic, but is not intending a deep dive into it.

7.11	II	March 2011 plenary update	Rigsbee	10	09:55 AM

Rigsbee indicated that Nikolich, Rigsbsee, D. Slykhouse., L Ronmark and R. Alvin performed a site inspection. Network capabilities are excellent. There is extensive meeting space. The hotel is still going through start-up issues.   We are working with the hotel to handle cost issues. Room rate is 375 Singapore dollars, $250 US. However, the declining dollar has pushed this to be about $290 a night.

Law asked if this included tax.

Rigsbee said that tax is not included in that price. They are negotiating for a new price, 325 Singapore dollars ($250 USD) and an early bird price of 275 Singapore dollars ($215 USD). Fee will include breakfast and lunch, which will offset some of the cost. We have some money from local sources to offset our costs. We should be able to get an answer by Friday.

Rigsbee said that the host for the March 2012 meeting is having second thoughts about supporting the meeting financially.

Nikolich scheduled a meeting to discuss this on Wednesday 3-5 pm.

Sherman asked if there were any thoughts regarding required hotel stays and meeting fees.

Rigsbee said that we should gather the data on this.

Nikolich changed the Wednesday 3-5 pm, to include Hotel stay discount discussion.

7.12	II	IEEE-SA Industry Connection activities related to IEEE 802 activities.	Law	10	10:10 AM

Law presented 1110_industry_connections_1.pdf and 1110_industry_connections_2.pdf

There will be further discussion at the task force meeting.

Industry Connections

David Law, HP

Wael Diab, Broadcom

John D'Ambrosia, Force10 Networks

August 18, 2010

What is Industry Connections?

- An efficient, economical, safe-harbor environment for building industry consensus and initiating new standards, products and services
  - Addresses the earliest, pre-standards stage of the standards development lifecycle (such as developing shared roadmaps)
  - Provides a fast track to publishing peer-reviewed documents, and producing shared databases, web services and other agreed results
  - Program currently set up to support entity / company participants, opportunity to work with IEEE-SA to define an individual based program.
  - Ownership and oversight of InConx program resides with IEEE-SA Board of Governors (BOG)
- Example outputs
  - Documents, that are submitted for formal review and publication by IEEE
  - Proposals, that may be submitted as the basis for formal IEEE standards projects

Further Information:
- Web site: http://standards.ieee.org/prod-serv/indconn
- E-mail: IndustryConnections@ieee.org

Thoughts on Industry Connections

August 2010

Wael William Diab   Broadcom   wdiab@broadcom.com

David Law   HP   dlaw@hp.com

John D'Ambrosia   Force10 Networks   jdambrosia@ieee.org

Paul Nikolich,   Self, YAS, Samsung, Intel   p.nikolich@ieee.org

Observations on Framework

- Efforts that could utilize "Industry Connections"
  - May or may not be related to an existing sponsor organization
  - May be individual or entity based
- A specific effort may require a more organizational aspect or enable more flexibility
- Recommendation: Industry Connections be organized to support this 2x2 matrix of possibilities

Note: Had several discussions with Jim Wendorf and Bob Labelle. Appreciate their time and help

Efforts That Relate to Existing Work in IEEE-SA

- Questions on Initiation Form
  - Is there an existing or related standard?
  - Is the sponsor active and interested in sponsoring effort?
- If the sponsor is interested then it can chose to act as the oversight committee for the industry connections project
- Benefits of this option are
  - Scalability: Lots of these projects with less BoG overhead
  - Accountability maintained: Goal of oversight committee retained
  - Reuse of existing organizational structures for oversight
  - Enables short term projects to exist without heavy organizational structure setup overhead
  - Retains ability for work to be done outside of sponsor: If sponsor does not approve, can still go down the current
  - Retains ability for efforts that want to be "longer term" via current path
  - Retains ability for additional rules specific to that work, simply eliminates additional overhead of oversight structure via reuse of existing sponsor

7.13   II   Suggested change to Chair's guidelines posted   **Rosdahl**   **10**   **10:20 AM**

Rosdahl presented ec-10-0019-01-00EC-chairs-guideline-addition-interim-ec-meetings.doc.

Comments need to be submitted via the EC email reflector

IEEE 802
Executive Committee

Chairs Guideline addition-- Interim EC Meetings				
Date: 2010-11-07				
Author(s):				
Name	**Affiliation**	**Address**	**Phone**	**email**
Jon Rosdahl	CSR	Highland, UT	801-492-4023	jrosdahl@ieee.org

Abstract

Chair's Guideline addition proposed text for Interim EC Meetings.
The 802 EC is planning to improve communication and efficiency in completion of Executive Committee assignments. This Submission proposes the text to include as guidelines for Executive Committee teleconferences to be held 3 times a year to help increase the efficiency of the committee

2.13 Chair's guidelines regarding 802 EC Interim Teleconference Meeting

1. **Interim Schedule:**
   Tentatively, the EC Interim Teleconference is to be held on the 1st Tues of Feb, June, and Oct. The actual date is confirmed by the EC during the closing plenary prior to the interim meeting.

2. **Interim Meeting Notifications:**
   Notification of the EC Interim Meeting Teleconference agenda shall be made 15-days prior to the interim meeting and shall be announced on the 802 EC reflectors. The meeting shall be open for observers and there should be resources for approximately 50 ports provided for the teleconference. The notification shall provide the proposed agenda and call-in information.

3. **Interim Meeting Duration:**
   The duration of the teleconference shall be limited to 2 hours.

4. **Interim Meeting Quorum requirement:**
   A quorum requirement exists as stated in LMSC P&P clause 6.1 the call.

5. **Scope of Interim Meeting:**
   The scope of the teleconference is limited. Typically the EC will conduct all of its business during the plenary face-to-face meetings. However, there are occasions where topics fail to have sufficient time for a complete discussion during the plenary session. Topics that may be discussed during the EC interim conference call may include the following topics:
   i. Cross WG collaboration/competition
   ii. Standard Development Efficiency
   iii. IEEE-SA items
   iv. 802 Task Force reports
   v. Review of Chairs Guidelines

   Topics that may require discussion and a decision by the EC are limited to the same list that is currently available for EC E-Mail Ballots and shall be included on the distributed agenda:
   vi. Press release, Liaisons, MOU etc.
   vii. Approval for RevCom –
   viii. Approval for Sponsor Ballot –
   ix. Meeting venue selection approval

6. **Out of Scope topics for Interim Meetings:**

Topics of discussion and decisions that are out of scope for the interim teleconference include topics that require working group input and/or discussion such as PAR Approval.

References:

802_Chair_Guidelines_rev1.9.6.pdf:

http://ieee802.org/misc-docs/802_chair_guidelines_rev1.9.6.pdf

7.14   **II**   **Inadequate performance of IEEE IT services**   **Thompson**   **10**   **10:26 AM**

Thompson pointed out that this has been a topic of discussion since July 2009. We have since had a sever error during the Hawaii interim which ended up with certificate issues. There have also been two email server failures, one of which resulted in loss of email. One of these was during the close of a WG ballot. IEEE IT services is not meeting our businees requirements.

Nikolich said that we need to define our business requirements in the meeting.

Rigsbee said that there was also a server error that prevented registration because the SA server that validated SA PINs was not working.

7.21   **II**   **EC meeting schedule (rules, SA, etc.)**   **Nikolich**   **3**   **10:29 AM**

Nikolich presented the EC meeting schedule for the week (slide 20, updated) and the 802 Task Force agenda

EC meetings for the week

(held in the Pryor-Crockett room unless otherwise noted)

- Monday noon-9:00pm   open

- Tuesday 9-10am   Chairs Guidelines preparation
- Tuesday 11am-1pm   open
- Tuesday 1-3pm   open
- Tuesday 3-5pm   open
- Tuesday 6-8pm   802 Architecture (location—Gaston B)

- Wed 8-11am   open
- Wed 11-noon   open
- Wed noon-1:00pm   open
- Wed 1:00-3pm   IEEE 802 LMSC Task Force (Nikolich)
- Wed 3-5pm   March 2011 Plenary Session discussion/Hotel stay discount discussion

- Thursday 8am-10am   802 Architecture (location—Cumberland D)
- Thursday 10-11am
- Thursday noon-1pm   open
- Thursday 1-6pm   open

- Friday 6:30-8:00pm   ISO/IEC/JTC1/SC6/WG1 discussion

IEEE-SA/802 Task Force

- Wednesday 1-3pm
- Tentative Agenda
  1. IT Services uptime/availability requirements (LaBelle)
  2. Single Copy Sales Channel--update (McCabe)
  3. GetIEEE 802 budget (Hawkins)
  4. JTC1/SC6 update regarding potential 802 items
  5. Status of 'fast publishing' trial (Turner)
  6. SA Industry Connections (Law)
  7. Action item review – Nikolich
  8. Adjourn

ME - Motion, External MI - Motion, Internal

DT- Discussion Topic II - Information Item

Meeting adjourned at 10:30 am

Respectfully submitted
James Gilb
IEEE 802 LMSC Recording Secretary