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

Monday, November 7, 2011 – 8:00 a.m.
All times Easter Standard Time (EST)

Atlanta, GA

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
James Gilb – Recording Secretary, IEEE 802 LAN / MAN Standards Committee
Jon Rosdahl – Executive Secretary, IEEE 802 LAN / MAN Standards Committee
Bob Grow – 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
Mike Lynch – Chair, IEEE 802.18 – Regulatory TAG
Steve Shellhammer – Chair, IEEE 802.19 – Wireless Coexistence Working Group
Subir Das – Chair, IEEE 802.21 – Media Independent Handover Working Group
Apurva Mody – Chair, IEEE 802.22 – Wireless RANs Working Group

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

EC members absent:
John Lemon – Chair (non-voting), IEEE 802.17 – Resilient Packet Ring Working Group
Mark Klerer – Chair (non-voting), IEEE 802.20 – Mobile Broadband Wireless Access Working Group

v01	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	08:02 AM

Meeting called to order at 8:02 am

IEEE

Standards Project Authorization

1. August 25, 1979
Date of Request

Project No. ____
Approved: 3/13/80
Date
For Standards Committee Use Only

2. [X] New Standard
[ ] Revision of _____ Standard No.
[ ] Reaffirmation of _____
[ ] Withdrawal of _____ Standard No.

3. Project Title: Local network for Computer Interconnection.

4. Scope and Purpose of Proposed Standard: 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.

5. Sponsor: Computer Standards
Technical Committee
Computer Society
Society

5a. Proposed ANSI Committee: X3
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:
Communications Society
Computer Stds. Committee (added by amendment 9/17/81 StB meeting)

7. Name of Group that will Write the Standard:
Microprocessor Standards
Subcommittee
Local Network
Working Group

8. Estimated Final Ballot Date:
December 1982
To Technical Committee
March 1983
To Standards Board

9. Person Delegated to Receive Communications and Conduct Liaison with Interested Bodies:
Maris Graube
Name
Tektronix, Inc.
Company
P. O. Box 500, M/S 58-188
Street address
Beaverton, OR 97077 (503) 644-0161 Ext. 6234
City   State   Zip Code   Telephone

10. Submitted by:
Dr. Robert G. Stewart
Name
Stewart Research Enterprises
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1658 Belvoir Drive
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Form SF 1-1/v 1978

MAR 2012
IEEE 802
LMSC

Opening EC Meeting
8 AM-10:30AM

draft01

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2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	4	08:013AM

Motion is to approve the agenda, ec-12-0009-01-00EC-March-2012-opening-agenda.ods

Moved Jeffree, seconded by Law

Vote is 13/0/0, Agenda is approved.

v01		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
2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	4	08:01 AM
3.00	MI*	APPROVE Minutes of November opening meeting, 20111107-opening-minutes-v0.pdf	Nikolich	0	08:05 AM
3.01	MI*	APPROVE minutes of November closing meeting, 20111111-closing-minutes-v1.pdf	Nikolich	0	08:05 AM
3.02	MI*	APPROVE minutes of February conference call, 2012-02-07-call-minutes-v1.pdf	Nikolich	0	08:05 AM
4.00	II	Memorials for Jim Carlo and Don Loughry	Nikolich	5	08:05 AM
4.01	II	EC member affiliation updates	Nikolich	5	08:10 AM
4.02	II	IEEE Staff Introductions	Nikolich/Gerdon	5	08:15 AM
4.03	II	Review election/confirmation process for EC members	Nikolich	5	08:20 AM
4.04	II	Introduce Clint Chaplin, John D'Ambrosia and James Gilb as potential EC Treasurer, EC Recording Secy and EC 2nd Vice-Chair, respectively, for 2012-2014 term	Nikolich	5	08:25 AM
					08:30 AM
		LMSC items			08:30 AM
5.00	II	open		5	08:30 AM
5.01	II*	BoG Actions	Nikolich	0	08:35 AM
5.02	II*	Stds Board Actions (approved projects, standards, withdrawals)	Nikolich	0	08:35 AM
5.03	II*	LMSC Email Ballot Recap	Nikolich	0	08:35 AM
5.04	II*	LMSC Meeting Fee Waivers	Nikolich	0	08:35 AM
5.05	II*	No Tutorials this session, WGs free to use Tutorial time slots	Nikolich	0	08:35 AM
5.06	II	List of Drafts to Sponsor Ballot	Nikolich	10	08:35 AM
5.07	II	List of Drafts to Revcom	Nikolich	10	08:45 AM
5.08	II	Notice of Study Groups under consideration/status of existing SGs	Nikolich	5	08:55 AM
5.09	II	PARS to NesCom	Nikolich	10	09:00 AM
5.10					09:10 AM
5.11	II	November 12 and 13, 2011 EC workshop action item review	Kraemer/Rosdahl		09:10 AM
5.12	II	802 JTC1 ad hoc update	Kraemer/Myles	10	09:10 AM
5.13	II	EC survey results	Rosdahl	5	09:20 AM
5.14	II	Status of network RFP and contract (detailed review to be held in separate exec session EC mtg. this week; objective is to approve contract at closing EC mtg)	Rosdahl	5	09:25 AM
5.15	II	Future venue contract status	Rosdahl	5	09:30 AM
5.16	II	Geneva 2013 Expectation	Rosdahl	5	09:35 AM
5.17	II	802 Task Force update (etools, legal/risk update, etc.; EC mtg Wed 1-3pm)	Nikolich	5	09:40 AM
5.18	II	ITU-R Smart Grid (reference R-QUE-SG01.236-2011-MSW-E.docx)	Lynch	5	09:45 AM
5.19					09:50 AM
5.20	II	Single copy sales of PDF status update	McCabe	5	09:50 AM
5.21	II	Consolidated editions update	McCabe	5	09:55 AM
5.22	II	Document publication priority update	McCabe/Nikolich	5	10:00 AM
5.23	II	SA Internal Activities Update	McCabe	5	10:05 AM
5.24	II	Get IEEE 802 Update	McCabe	5	10:10 AM
5.25	II	Treasurer's report	Grow	5	10:15 AM

5.26	II	802 e-tools status update	Boyce/Rosdahl	10	10:20 AM
5.27	MI	IEEE 802 University Outreach proposal.	Law	5	10:30 AM
5.28	II	802 Overview and Architecture update	Gilb	5	10:35 AM
5.29					10:40 AM
5.30	II	P&P update	Sherman	5	10:40 AM
5.31					10:45 AM
5.32	II	802.15.6 Appeal notice; identify panel candidates; review appeal process	Nikolich/Gilb	5	10:45 AM
5.33					10:50 AM
5.34	II	EC meeting schedule (rules, SA, etc.)	Nikolich	3	10:50 AM
5.35					10:53 AM
5.36					10:53 AM
5.37	DT	ADJOURN SEC MEETING	Nikolich		10:30 AM

ME - Motion, External   MI - Motion, Internal

DT- Discussion Topic   II - Information Item

3.00	MI*	APPROVE Minutes of November opening meeting, 20111107-opening-minutes-v0.pdf	Nikolich	0	08:05 AM

Approved with the approval of the agenda.

3.01	MI*	APPROVE minutes of November closing meeting, 20111111-closing-minutes-v1.pdf	Nikolich	0	

Approved with the approval of the agenda.

3.02	MI*	APPROVE minutes of February conference call, 2012-02-07-call-minutes-v1.pdf	Nikolich	0	

Approved with the approval of the agenda.

4.00	II	Memorials for Jim Carlo and Don Loughry	Nikolich	5	08:05 AM

Nikolich discussed the contributions of Jim Carlo and Don Loughry.

Nikolich asked if anyone knew what the skit was in the picture.

Chaplin stated that it was to celebrate an award for Vic Hayes and they were doing a skit based on the three bears and finding a standard that was "just right". He said that Loughry played the part of the papa bear, Carlo played the part of the mama bear and Hayes played the part of the baby bear

Memorials

- Jim Carlo passed away 14FEB2012
  - 802 Chair 03/1996-11/2001

- Don Loughry passed away 22FEB2012
  - 802 Chair 03/1990-03/1996

- Dawn will circulate memorial books for people to capture their remembrances of Jim and Don. The books will be given to their families

Don Loughry   Vic Hayes   Jim Carlo

Don and Jim present Vic the Steinmetz Award in December 2007
Who remembers what the skit was about?
What was Jim wearing? Why?

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4.01	II	EC member affiliation updates	Nikolich	5	08:10 AM

Nikcolich asked if there were any changes in the affiliation of EC members.

Marks is now affiliated with Consensii and WiMax forum.

4.02	II	IEEE Staff Introductions	Nikolich/Gerdon	5	08:12 AM

Nikolich presented the names of the IEEE Staff present for this meeting. Nikolich also introduced Lisa Perry, who is the new liaison for 802.3, 802.15, 802.21 and 802.22

IEEE Staff Introductions

1. Michelle Turner: Document Development   Sr. Prgm. Mgr.
2. Patricia Gerdon: Technical Committee Programs Sr. Mgr.
3. Kathryn Bennett: Technical Program Development Liaison
4. Lisa Perry: Technical Program Development Liaison
5. Karen McCabe: Strat. Mktg and Product Management Staff Dir.
6. Jodi Haasz: International Programs   Sr. Prgm. Mgr.
7. Christina Boyce: Standards Solutions Services Mgr.
8. Bob Labelle: Ind. Conn., Stds Tech. Dev. & Solutions Staff Dir.

| 4.03 | II | Review election/confirmation process for EC members | Nikolich | 5 | 08:18 AM |

Nikolich reviewed the process for election/confirmation of EC members

March Elections

- Prior to opening EC meeting
  - 802 chair candidates to notify EC Recording Secretary
  - Appointed EC members identified
    - 1st VC Path Thaler, 2nd VC James Gilb, Exec Secy Jon Rosdahl, Rec. Secy John D'Ambrosia, Treasurer Clint Chaplin, Member Emeritus Geoff Thompson, Member Emeritus Meeting Manager Buzz Rigssbee

- Prior to closing EC meeting
  - WG and TAG officer elections to be held (remember to record vote counts)
  - Letters of endorsement for all potential EC members must be on file

- During closing EC meeting
  - Report numerical results of WG/TAG officer elections
  - Confirmation of individuals elected to WG and TAG officers
  - 802 chair election
  - Confirmation of individuals to 802 appointed positions

4.04	II	Introduce Clint Chaplin, John D'Ambrosia and James Gilb as potential EC Treasurer, EC Recording Secy and EC 2nd Vice-Chair, respectively, for 2012-2014 term	Nikolich	5	08:15 AM

Nikolich introduced Clint Chaplin, John D'Ambrosia and James Gilb. Chaplin and D'Ambrosia came forward to briefly introduce themselves.

		LMSC items			
5.01	**II***	**BoG Actions**	**Nikolich**	**0**	

Distributed in advance of the meeting.

SA BoG Update

- FEB 2012

  - The BOG approved a CPI-based increase of 3.15% for the RAC products, rounded to the nearest $5.

  - The BOG approved the following Industry Connections activity initiations:

    - Standardization and Innovation in IT (SIIT) Conference

    - IEEE 802.11 Patent Pool Exploratory Forum

    - Power Matters Alliance (PMA)

    - Intercloud Testbed

- DEC 2012

  - The BOG approved the establishment of the IEEE as the financial and technical sponsor of the Standardization and Innovation in Information Technology (SIIT) Conference and assigns the incubation of this conference to the Industry Connections Program with reports to the BOG.

  - The BOG approved the white paper "IEEE Adheres to the WTO Principles for International Standardization".

  - The BOG approved the "Future Directions for Nanonetworking" Industry Connections activity initiation, with Alex Gelman and Jim Wendorf as advisors.

  - The External Representative (ER) policy [section 7.1 of the SA OpMan] does not apply to ISO, IEC, and ITU liaisons. It applies to any ER positions already designated, except as excluded above. The BOG requests that ProCom review how the ER policy can be re-written in the rules and make a recommendation on a longer term ER policy.

| 5.02 | II* | Stds Board Actions (approved projects, standards, withdrawals) | Nikolich | 0 | |

Distributed in advance of the meeting.

SA Standards Board Actions

Standards Actions (approvals DEC2011 and JAN2012)

New Standards: P802.15.4e , P802.15.4f, P802.15.6,, P802.1Qbf

Revised Standards: P802.11

Reaffirmations: none

Corrigendum: none

Extensions: none

Withdrawals: none

SA Standards Board Actions

Project Actions (approvals DEC2011 and JAN2012)

New Projects: P802.1Q-2011/Cor2, P802.15.9, P802.16.1a, P802.16.1b, P802.22b

Modified PAR: P802.15.6, P802.16n, P802.16p

Revisions: none

Reaffirmations: none

Corrigendum: none

Withdrawals: P802.11mb

Extensions: P802.15.4e, P802.15.6 (extended till Dec 2012)

5.03	II*	LMSC Email Ballot Recap	Nikolich	0	

Distributed in advance of the meeting.

LMSC Email Ballot Recap

	close date	topic	yes/no/abs/dnv	result
1)	26DEC	802 liaison letter to SC6	14/00/00/00	pass
2)	25JAN	dot18 comments to FCC on RM-11651	no objections	pass

| 5.04 | II* | LMSC Meeting Fee Waivers | Nikolich | 0 | |

Distributed in advance of the meeting.

Meeting Fee Waivers

- IEEE SA Staff listed earlier
- Invited Participants
    - None known

- EC Motion: Approve waiving of the registration fee for the above invited participants

5.05	II*	No Tutorials this session, WGs free to use Tutorial time slots	Nikolich	0	

No tutorial schedule as none were requested for this session.

5.06	II	List of Drafts to Sponsor Ballot	Nikolich	10	08:20 AM

Nikolich reviewed the drafts going to Sponsor ballot, slide 13.

802.1 – 802.1AC (probably unconditional) , 802 Overview and Architecture (conditional)

802.3 – none

802.11 – none

802.15 – none

802.16 – none

802.19 – none

802.21 – none

802.22 - none

Draft Standards to Sponsor Ballot

- Check with EC members
- 802.01: dot01AC (probably unconditional), 802 Overview and Arch (cond)
- 802.03: none
- 802.11: none
- 802.15: none
- 802.16: none
- 802.19: none
- 802.21:   none
- 802.22:   none

Nikolich reviewed the drafts going to Revcom, slide 14.

802.1 – 802.1AXbk (pre-submitted, unconditional) , 802.1aq (pre-submitted, unconditional) , 802.1Qbg unconditional, 802.1BR probably unconditional

802.3 – none

802.11 – none

802.15 – none

802.16 – 802.16REV3, 802.16.1, 802.16p, 802.16.1b (all conditional)

802.19 – none

802.21 – none

802.22 - none

Items for RevCom consideration

- Check with EC members
- 802.01: AXbk (pre-submitted, unconditional), aq (pre-submitted, unconditional),Qbg (unconditional), BR (probably unconditional)
- 802.03: none
- 802.11: tbd
- 802.15: tbd
- 802.16: 802.16rev3, 802.16.1, 802.16p, 802.16.1b (all conditional)
- 802.19: none
- 802.21: tbd
- 802.22: none

802.1 – amending security to support 100 Gb/s+ data rates, preemptive transmission and scheduled transmission.

802.3 – EPON PHY for Coax (EPoC (1st ext), Next generation 100 Gb/s for optical fiber (2nd ext), ExEPON PMDS (1st ext), Reduced pair 1 Gb/s Ethernet (new), Extended reach 40GBASE-R PMD, (n), Ethernet WDM Aggregation Network (new), MAC services in support of frame pre-emption (new)

802.11 – Infrastructure discovery (1st ext), China mm-wave (1st ext), plus other activities in WNG standing committee

802.15 – Peer aware communications (5th ext), Positive Train Control (1st ext), China Medical Band, Ultra Low Power 802.15.4 (new)

802.16 – some discussion ongoing in the project planning group.

802.18 – none

802.19 – none

802.21 – Service discovery (potential new group)

802.22 – none

Status of pre-PAR activity

- WG chairs to report their SG activities:
  - 802.1- amending security to support 100Gbps+ data rates, pre-emptive transmission and scheduled transmission
  - 802.3 –EPON PHY for Coax call for interest (EPoC) (1st ext)
    - Next Generation 100Gb/s Ethernet Interfaces for Optical Fiber (2nd ext)
    - Extended Ethernet Passive Optical Network (EPON) PMDs (1st ext)
    - SGs Under consideration:
    - Reduced Pair 1 Gb/s Ethernet,
    - Extended reach 40GBASE-R PMD,
    - Ethernet WDM Aggregation Network,
    - MAC Services in support of Frame Pre-emption
  - 802.11– Infrastructure Service Discovery, China mmWave, plus other activities in Wireless Next Generation standing committee
  - 802.15 – Peer Aware Communications (5th extension), Positive Train Control, China medical band, Ultra low power 802.15.4 (possible SG)
  - 802.16 – some discussions ongoing in the Project Planning group
  - 802.18 -
  - 802.19 -
  - 802.21 - discussions regarding service discovery in process
  - 802.22 –

15

802.1: 802.1AX-rev, 802.1Qbu, 802.1AEbw, 802.1Xbx, 802.1Qbv

802.3: 802.3bk

802.11: none

802.15: 802.15.4n, 802.15.4p, 802.15.8, 802.15.4 maintenance revision due to 3 amendment rule

802.16: none

802.19: none

802.21: 802.21d amendment for multicast group management

802.22: none

Draft PARs to NesCom

1. 802.1AX-rev, revision to 802.1AX link aggregation
2. 802.1Qbu, amendment for frame preemption
3. 802.1AEbw, amendment for extended packet numbering
4. 802.1Xbx, amendment for MAC security key agreement protocol extensions
5. 802.1Qbv, amendment for enhancements for scheduled traffic

6. 802.3bk extended Ethernet Passive Optical Networks (ExEPON) amendment

7. 802.15.4n amendment for China medical band
8. 802.15.4p amendment for positive train control (PTC)
9. 802.15.8 new standard for peer aware communications (PAC)
10. 802.15.4 maintenance revision due to 3 amendment rule (maint 48 hr rule)

11. 802.21d amendment for multicast group management

Nikolich presented slide 17, PARS due to time out.

PARs due to time out DEC12

- If these projects will not be submitted to RevCom by the submittal deadline for the December 2012 meeting (October 15), you need to take one of the following steps:
  - 1. Request an extension for the project (PAR).
  - 2. Request withdrawal of the project (PAR).

- P802.1AC (Sponsor Ballot phase)
- P802.11ac (WG development)
- P802.11ad (Sponsor Ballot Phase)
- P802.22.2 (Sponsor Ballot Phase)

- Note: NesCom Continuous Processing meeting is scheduled for 4 May 2012 by telecon.
  The submittal deadline for the May agenda is 30 March 2012.

- NesCom FtFmeeting is scheduled for 7 June 2012 in Beijing, China.
  The submittal deadline for the June agenda is 27 April 2012.

Nikolich said that there were standards due to timeout by Dec 12.

Gilb pointed out that there is no longer a 5 year rule for standards to time out.

5.11	II	November 12 and 13, 2011 EC workshop action item review	Kraemer/Rosdahl		08:37 AM

Kraemer discussed the action items and said that we cannot adequately review the list in the time allotted.

Nikolich scheduled time for this meeting on Tuesday, 6-7 pm.

5.12	II	802 JTC1 ad hoc update	Kraemer/Myles	10	08:38 AM

Kraemer said that Myles is preparing for JTC1, the next meeting is September 2012.

The meeting is Tuesday (Kona 2), Wednesday (Kona 2), and Thursday (Kohala III) from 1:30-3:30 pm. Target is for 802.1 and 802.3 to attend on Tuesday which will be focused on cross 802 topics

Kraemer said that the goal is to get a signed MOU in time for the next JTC meeting in September 2012. Everything from the November meeting is on course to be completed.

Law asked for the location of the meeting.

Kraemer said that it was Gras, Austria.

Law clarified that the memo has been submitted to JTC1 and is on track for signature prior to the September meeting.

Thompson asked what was required this week.

Kraemer said that it was answers to questions and an MOU for consideration by the JTC community. Want to have as much discussion as possible, final decisions can be made on EC letter ballot. Both items need to be submitted before the next plenary.

Marks noted that there were conflicts on Wednesday and Thursday.

Nikolich moved the IEEE 802 Task Force to Thursday 10 am to noon.

Rosdahl said that for July, the target is to use the same times and dates for the JTC1 meeting.

5.13	II	EC survey results	Rosdahl	5	08:53 AM

Rosdahl presented document ec-12-0014-00-00EC-802-ec-poll-fees-services-and-venue-location-workshop.ppt

Nikolich suggested that there be a session to discuss the results of the poll.

Rosdahl said that the discussion of this will take place during the 802 Workshop follow up meeting, Tuesday, 6-7 pm.

Straw poll, shall a version of the EC poll be submitted to the 802 membership as a whole.

7 in favor, 5 against, 3 abstains.

Rosdahl will prepare a set of questions Tuesday 6-7 pm (10 questions maximum), to be reviewed and a poll issued Tuesday night, closing Friday.

Nikolich asked for Rosdahl to give a shorter summary at the closing meeting.

Rigsbee asked if it should be sent to meeting attendees or 802 wide.

Nikolich said it should be 802 wide.

EC Poll –
Fees-Services and Venue location-Workshop

Date: 2012-03-11

Authors:

Abstract

Poll of the EC members on topics assigned during the Nov 2012 EC Workshop.

Poll Question:
Fee levels

1.　　　　How do you feel about the current level of the Plenary registration fees?

- **Too Low   21.4% 3**
- About Right   42.9% 6
- **Too High   35.7% 5**

2. What level of fees would you consider to be too much for our current services?

- $400/500/600   28.6%   4
- $500/600/700   28.6%   4
- **$600/700/800   7.1% 1**
- **$700/800/900   7.1% 1**
- $800/900/1000   28.6% 4

3. What level of fees would you consider to be a minimum that should be charged for our current level of service?

- $200/300/400   28.6% 4
- $300/400/500   28.6% 4
- **$400/500/600   21.4% 3**
- **$500/600/700   7.1% 1**
- **a Higher Amount 14.3% 2**

4. Would you support setting the Registration fee for a year at a time, with the expectation that over the course of that year the net surplus would be zero?

- Yes 78.6% 11
- **No   21.4%   3**

5. Over how many sessions would you expect the budget to have net zero balance?

- **1   0.0%   0**
- **2   0.0%   0**
- 3   50.0% 7
- **4   14.3%   2**
- **5   0.0%   0**
- **6   35.7% 5**

Poll Questions:
Service expectations

6. Do you consider the current level of service...

- **less than expected   0.0% 0**
- about as expected **64.3% 9**
- **more than expected 35.7% 5**

7. Do you feel we get value for the service received at the current registration levels?

- **Value is less then cost**
  - 35.7%   5
- Value about equal to the cost
  - 42.9%   6
- **Value more then cost**
  - 21.4%   3

8. Traditionally we have had a continental Breakfast and coffee/tea available in the

mornings, would you:

1.   drop it entirely -- let attendees get their own
   −   14.3% 2
2. drop the breakfast, but keep the coffee/tea
   −   21.4% 3
3. keep both, the attendees see this as a benefit worth keeping.
   −   64.3% 9

9. Food and Beverage is often provided to offset the possible charges from meeting space rental.
How much consideration do you feel should be given to this trade off?

- **none -- pay for meeting room charges, and not F&B for attendees**
  - 21.4% 3
- some -- if the meeting room charges can not be avoided, provide F&B up to the minimum level
  - 42.9% 6
- **more -- We should provide F&B as we do now, to offset the meeting costs and provide the F&B for the attendees even if it is a bit more than the minimum required.**
  - 35.7% 5

10. What would you consider the proper balance between services and fees?

- My answer for question 8 would be different for non NA. Most non NA hotels include breakfast with room so continental breakfast wouldn't be necessary. I'd be fine with giving up afternoon break food.

- What we are doing is much more than required. We functioned just fine before cookies and ice cream. Though probably difficult to determine, if the additional infrastructure costs increase less than the amount paid for food, the food should be dropped.

- Most of the fee (>75%) should go towards providing a high efficiency meeting; I.e., logistics, network and IT services.

- Value should equal cost

10. What would you consider the proper balance between services and fees? (cont)

- Gee, more services and less fees of course!

- Keeping Costs for F&B to the minimum required for free or reduced cost meeting space should be the main consideration for providing F&B at the meetings.

- Choose the fees to be fixed for 2-years and adjust service levels to average a break even. To reduce costs, reduce the number of International venues and avoid high seasons.

- Services to drive productivity. For F&B, that means coffee and tea. Sweets are counterproductive.

- "Woud" is mis-spelled. ;-)

Poll Questions:
Location Rotation

1. How often should Plenary sessions be held non-US locations?

1.   **It should not matter, prefer cost to be deciding factor**
        5.9%   1

2.   Once per year (1 out of 3 sessions)
        64.7% 11

3.   **Once every other year (1 out of 6 sessions)**
        5.9%   1

4.   **Every other Plenary should be a Non-US**
        23.5%   4

2. How often should Plenary sessions be held in Non-US/Non-North America Locations?

1. **It does not matter, prefer cost to be deciding factor**
   5.9% 1
2. Once per year (1 out of 3 sessions)
   47.1% 8
3. **Once every other year (1 out of 6 sessions)**
   23.5% 4
4. **Every other Plenary should be a Non-US/Non-North America Venue**
   23.5% 4

3. How often should Plenary sessions use Hawaii as a venue location?

1.   **It does not matter, prefer cost to be deciding factor**
        11.8% 2
2.   **Once in 2 years (1 out of 6 sessions)**
        23.5% 4
3.   **Once in 3 years (1 out of 9 sessions)**
        11.8% 2
4.   Hawaii can be used occasionally, but not in place of a Non-North American Venue
        41.2% 7
5.   **Do not use Hawaii as a venue again**
        11.8%   2

4. Previously, 802 Plenary locations were chosen to balance travel by region. Locations were chosen West coast, East coast, North and South in a rotating order. What balance of region should be used

going forward?

1. **It does not matter, prefer cost to be the deciding factor**
   17.6% 3
2. Target a rotation of East-West North America, and Asia/Pacific or Europe venue each year
   35.3% 6
3. **Target a rotation of East-West North America, and Asia/Pacific and Europe venue each year**
   17.6% 3
4. **Target venues that may provide new industry/regulatory outreach opportunities**
   23.5% 4
5. **Balance location choices by membership demographics**
   23.5% 4

5. How important is a Host requirement in order to hold a Plenary session in a Non-US/Non-North America venue?

1. **The specific site selection does not matter (with or without a host), prefer cost to be deciding factor**
   11.8% 2
2. **A Host is required -- without a Host, no meeting outside North America**
   11.8% 2
3. The site selection should be priority, but costs should remain within 25% of nominal
   29.4% 5
4. **The site selection should be priority, but costs should remain within 50% of nominal**
   17.6% 3
5. The site selection should be priority regardless of the increase in costs in order to hold Non-North American meetings
   29.4% 5

Question 5: Other Comments

- **Didn't check host required because that statement was too strong, but we generally should have a host to get a good non-NA deal.**

- **Host is critical for non-financial issues (industry/regulatory outreach).**

- **Combine Host & Cost Requirements**

- **Specify Host and Cost Requirements !!!**

6. What should the deciding factors be for balancing the trade-off of costs and venue location selection?

- Prefer city locations choice of restaurants and services is available without a car.

- Recognize our global membership by meeting globally, yet also recognize that meeting elsewhere should increase global participation. Unfortunately, the costs for NNA destinations is a serious detriment (as well as the more limited venue choices).

- Select locations in Europe and Asia that are less expensive than the locations like London. Pick smaller cities that provide lower cost options. Also, consider meeting in two nearby hotels, like we do in Vancouver. If the walk is only a few blocks between hotels that is acceptable.

- Maximization of participation.

- Keeping costs level over 6 sessions.

6. What should the deciding factors be for balancing the trade-off of costs and venue location selection? **(cont)**

- Deciding factor should be the need to keep the balance of venues (NA, Asia, Europe) right.

- Avoiding "revisiting" certain venues and adding interest by bringing the meetings to a wider audience. Do we really think that NA, Europe and CJK will rule the industry forever?

- Give the EC a couple of options and let them decide what it will be.

- Membership has requested we find Venues outside the US and that are Non-North American. Once a year we should be able to find a Venue we can afford.

- Reasonable cost - no more than 25% higher than a North American venue.

- Keep Reg Fees the same to break even over 6 Sessions averaged. Adjust services accordingly.

- Registration fees should not be a factor in selecting venues.

Poll Questions:
EC Workshop

7. How often should the 802 EC hold workshops?

1.   **Once a Year**

      37.5% 6

2.   Once Every other Year

      50.0% 8

3.   **Not again --**

      12.5% 2

8. Should EC Workshops be held Saturday-Sunday, or Monday-Tuesday following the

Plenary?

1. Saturday-Sunday

75.0% 12

2. **Monday-Tuesday**

6.3%   1

3. **none of the above**

18.8%   3

9. Was the length of the November 2012 802 EC Workshop too long, too short, or about the

right length?

1.   too long

> 12.5% 2

2.   too short

> 0.0% 0

3.   about the right length

> 87.5% 14

10. Is there anything that you would like to add about the topics of the two EC surveys?

- Prefer Sunday-Monday for EC Workshops

- On services, what is expected for the fee isn't all that relevant (the way I read the questions), what I expect/want independent of current fee is much more relevant.

- 1) Increasing the SA's monetary contribution to registration fees by eliminating the $75/head 2) subsidizing ec members at $1000 per plenary session

- These should all be highly desired goals and not hard and fast rules

- Question #4 is still very confusing and highly subject to misinterpretations.

- This survey is full of mistakes - ReDo !!!

References

- **Workshop Action items:**
- **https://mentor.ieee.org/802-ec/dcn/12/ec-12-0003-02-00EC-nov**

5.14	II	Status of network RFP and contract (detailed review to be held in separate exec session EC mtg. this week; objective is to approve contract at closing EC mtg)	Rosdahl	5	09:12 AM

Rosdahl presented EC-12-0007-01, slide 4.

Rosdahl said that the RFP has been issued and we are waiting on the contract.

The contract will be discussed in executive session this week.

5.14: Status of Network Services RFP and Contract

- RFP Issued by email -- January 17, 2012

- RFP Response by email – February 17, 2012

- Response Review Period: February 17-24, 2012

- Notification of vendor selected/notified: February 27, 2012

- Contract Negotiation and Master Service Agreement: February 27-March 9, 2012

- EC Executive Session -- Tues 1:30-2:30pm

- 3 year contract: expected to get final signatures from Verilan and IEEE Procurement by March 30, 2012

| 5.15 | II | Future venue contract status | Rosdahl | 5 | 09:15 AM |

Rosdahl presented EC-12-0007-01, slide 5.

Rosdahl said that he should have an update on Friday.

5.15: Future Venue Contract Status

- **Identified in Workshop spreadsheet:**
- **https://mentor.ieee.org/802-ec/dcn/12/ec-12-0003-02-00EC-november-2011-ec-workshop-action-items.xls**
- **See Tab WS11-2**
  - Trying to move a venue from 2014 to allow Singapore meeting to occur in 2014.
  - Slots currently Open at
    - 2015 – March
    - 2017 – March and Nov
    - 2018 – March and Nov

Rosdahl presented EC-12-0007-01, slides 6-7.

Rosdahl said that they should have an estimate this week. There is still an issue regarding if we provide lunch and charge a fee. ITU members can attend without paying a fee.

Lynch clarified that an ITU members are

Grow asked if we could require fees for people who want to get voting rights credit.

Nikolich said that this will be discussed on Tuesday 3-4 pm

Marks asked about the meeting on Wednesday, noon-1 pm, is it for July 2013?

Nikolich clarified that it is for future plenary sessions.

Rosdahl said that the estimated budget, but some may have not been converted from CHF to $.

5.16: Geneva 2013 Expectations

- **Draft MOU due this week**
- **Working on Estimates for F&B:**
  - Do we want a Social?
  - Do we use lunch to ensure a fee that all can pay?
- **No Hotel Block – List of Hotels on ITU List**
- **Draft Budget next slide –**
- **Possible choices:**
  - No evening meetings
  - No F&B
  - No Social
- **Possible budget reduces reserves:**
  - $300,000 may be needed for meeting

Geneva Draft Budget:

- **Income: unknown – What fee to charge? Who will pay?**
- **Shipping $ 8,000**
- **Extra Security $ 9,000**
- **Get 802 $ 52,500**
- **Misc onsite $ 5,700**
- **CCV Facility $ 39,965**
- **CICG Facility $ 27,915**
- **ITU Facility $ 2,255**
- **Network $ 20,000**
- **Mtg Planner fee $108,900**
- **Financial Fees $ 18,288**
- **Total expenses $288,073**

| 5.17 | II | 802 Task Force update (etools, legal/risk update, etc.; EC mtg Wed 1-3pm) | Nikolich | 5 | 09:23 AM |

Nikolich presented slide 19 and said that McCabe will discuss the items in more dept during the Task Force meeting.

Marks noted that the time is now Thursday 10 am – noon.

802 Task Force

- 802 Task Force, Thurs 10AM-Noon 802 Boardroom (WatersEdge)
    - Tentative agenda
    1. Single Copy Sales Channel--update (McCabe)
    2. getIEEE 802 update (McCabe)
    3. IEEE SA Etools update (Boyce)
    4. Legal/risk policy evolution update (McCabe)
    5. Discussion regarding Editions vs Consolidations (Turner)
    6. Document publication priority update (Turner)
    7. Service Outages (Grow)
    8. International Activities Update (Haasz)
    9. Any Other Business?
    10. Action item review – Nikolich
    11. Adjourn

| 5.18 | II | ITU-R Smart Grid (reference R-QUE-SG01.236-2011-MSW-E.docx) | Lynch | 5 | 09:25 AM |

Lynch discussed R-QUE-SG01.236-2011-MSW-E.docx.

Lynch said that a report was issued that said that wireless should not be used for Smart Grid, instead only wireline networking. The work is in WP1A.

Lynch said that we need to develop answers to this question during this meeting.

Nikolich suggested that we should have an 802 wide ad-hoc.

Marks suggested Tim Godfrey as a potential leader for the group.

Shellhammer asked what this group would produce?

Nikolich said that they would coordinate inputs and outputs. They could also develop use cases to show how 802 technologies would be used.

Grow suggested that this would be a TAG.

Thompson said that he heard that it would be Smart Grid management and he thinks it should be data infrastructure in support of Smart Grid management.

Nikolich scheduled an EC Smart Grid/Smart Utility Network ad-hoc meeting for Thursday 9 am-10 am.

Kraemer said that 802.11 is hosting Smart Grid meetings. They are Tuesday PM2 and Wednesday PM2. 802 EC Smart Grid/Smart Utilitiy Netowrk ad hoc discussions (Kohala IV).

| 5.20 | II | Single copy sales of PDF status update | McCabe | 5 | 09:41 AM |

McCabe briefly discussed single sales updates. There is currently a sale of $5 for electronic and $99 for printed.

| 5.21 | II | Consolidated editions update | McCabe | 5 | 09:42 AM |

Turner will be discussing consolidations and editions during the 802 Task Force meeting.

| 5.22 | II | Document publication priority update | McCabe/Nikolich | 5 | 09:42 AM |

The document schedule will be discussed during the 802 Task Force meeting.

| 5.23 | II | SA International Activities Update | McCabe | 5 | 09:43 AM |

Haas will discuss international activities in the 802 Task Force meeting.

| 5.24 | II | Get IEEE 802 Update | McCabe | 5 | 09:43 AM |

The Get program has passed 8 M copies

Thompson suggested that the sale be advertised in the IEEE SA email newsletter.

Thaler thanked the IEEE for listening and lower the price. The EC members applauded this sentiment.

| 5.25 | II | Treasurer's report | Grow | 5 | 10:15 AM |

Grow presented the treasurer's report, we have a healthy reserve, $1.4 M

For this meeting we have lunches, M-Th. An estimate of expenses will come on Friday.

Shellhammer asked if there is a target number for the reserve.

Grow said that Geneva may cost more than we thought, say $500k impact on reserve. The reserve is mainly to cover cancellation of a meeting. The second purpose is to offset costs of a non-North American meeting. His goal is to me in 7 figures.

IEEE Project 802
Statement of Operations
November 2011 Plenary Session
Atlanta
As of February 17, 2012

Income	Fee	Net	Net Amt	%		Net	Net Amt	%
			Actual				**Budget**	
Net Registration Income		747	$ 336,200	87%		785	$373,850	86%
Non-registration Income								
Deadbeat collections			$ -	0%				0%
Bank interest			$ 728	0%			$ 900	0%
Comps, Commissions & Discounts			$ 43,843	11%			$ 60,000	14%
Other - Hotel Rebate			$ 5,000	1%			$ -	0%
Total Session Income			**$ 385,771**	**13%**			**$ 434,750**	**14%**
Expenses								
Audio Visual			$ 12,455	3%			$ 20,000	5%
Bank Charges				0%			$ 350	0%
Credit Card Discounts & Fees			$ 11,574	3%			$ 18,693	5%
Equipment Expenses			$ 16,519	5%			$ 14,000	3%
Get IEEE 802 Conttribution (Net paid attendees * $75.00)			$ 55,875	15%			$ 58,875	14%
Infrastructure			$ 2,296	1%				0%
Meeting Administration			$ 71,209	20%			$ 71,715	18%
Misc Meeting Expenses			$ 2,430	1%				0%
Networking			$ 67,260	19%			$ 81,000	20%
Shipping			$ 9,291	3%			$ 12,000	3%
Social			$ 49,424	14%			$ 86,350	21%
Food & Beverage			$ 62,502	17%			$ 43,175	11%
Total Session Expense			**$ 360,835**	**100%**			**$ 406,158**	**100%**
Net Session Surplus/(Loss)			**$ 24,936**				**$ 28,593**	

| 5.26 | II | 802 e-tools status update | Boyce/Rosdahl | 10 | 09:49 AM |

Rosdahl presented ec-12-0015-00-00SA-etools-update-march-2012-opening-ec.pdf

Boyce discussed the current status of the etools. The designer is in Pallace 2298 for people who have an appointment.

Grow asked how changing to an email address instead of user id would work with our current registration system. He said that he felt that it was inappropriate for IEEE to make these changes without informing people that are affected by the changes.

Marks asked what would be updated with this change.

Boyce said that it was a transition to IBP and can get more information later.

Jeffree said that for IMAT it supports using email address as the login name.

Rigsbee said that email addresses change often.

Thaler said that most people can find a way to get a long-term email address. She prefers an email address.

Standards Development Solutions & ETools Update

IEEE-SA 802 EC – March 2012 Plenary

2012

- **Communications Plan (Jon R and Christina B)**
- Meet monthly review/clarify/discuss issues & updates
- 9 ePoll Tickets (6 scheduled, 3 under review)
- 6 myProject Tickets (4 scheduled, 2 under review)
- 13 IMAT Tickets (10 scheduled, 3 under review)

- **SA Board requested changes:**
- Remove invited expert from process - COMPLETE
- Remove Reaffirmation and Stabilization ballots from process - COMPLETE
- Modify ballot calculation (1/3 rule) - COMPLETE

2012

- **myProject UI/UX strategy/planning**
  - User testing (in Kona)

- **Sponsor Ballot Comment Team (David Law, Jon Rosdahl, Adrian Stephens)**
  - Requirements discussion complete
  - Hand off to developer for cost/schedule

- **IMAT Recoding Team (Rick Alfvin, Jon Rosdahl, Adrian Stephens)**
  - Met with developers to schedule project (April 2012)
  - Team to meet (in Kona) to plan testing
  - Prepare for use in May Wireless Session
  - Modify IMAT Affiliation text to be clearer for the user

Change to IEEE Web Accounts

- IBP Roll out scheduled for month end March will change IEEE Web Accounts.

- Web Accounts will function as they do today until a user logins in to one of the IBP applications (profile/cart/xplore/membership).
  - Once they do so, the user will be prompted to change their logon ID to an email address format.

- After that transition, the user will need to leverage that new IEEE Web Account username (in email address format) to access IMAT, myProject, and Mentor.

IMPORTANT:

At a yet to be determined point in the future, Web Accounts that appear to be inactive and have not transitioned to an email address, may be retired. An analysis and communication plan to be completed once the IEEE has collected data from the IBP rollout throughout 2012.

QUESTIONS?

Contact: Christina Boyce (c.boyce@ieee.org)

Submit Issues to : myproject-admin@standards.ieee.org

◈IEEE

Law presents 802_University_Outreach_Proposal_D4p0.pdf

Motion is: Implement IEEE 802 University Outreach Program described in IEEE802_university_outreach_D5p0.pdf with an attendee fee of $25, with the program first available at the July 2012 plenary.

Moved by Law, seconded by Rosdahl

Vote is 14/0/0, motion passes

IEEE 802 University Outreach

Proposal to IEEE 802 EC

By

IEEE 802 university outreach ad hoc

Objective

- Expose both students and faculty members, of universities local to IEEE 802 plenaries, to the IEEE 802 standards process so that they may:

  [1] increase their understanding of the importance that standards play within engineering technology

  [2] feel more comfortable in participating in the process

  [3] be encouraged to participate in the IEEE Standards Education Committee programs such as applying for grants for Student Application Papers Applying Industry Standards

  [4] create interest in including the role of standards in engineering in the academic curriculum

Overview

- Outreach to universities local to plenary
  - Invite student and faculty to attend one day of plenary
  - Suggest Tuesday as day with most technical content
    - Wednesday has social with associated F&B costs
- Structure of day
  - Orientation session
    - Welcome, badge collection, logistics
  - Observe meetings
    - Working Groups list of technical, least procedural, items
  - Closing session
    - Questions and feedback from participants

Costs

- Four biggest costs
  - IEEE Get 802 fee
    - IEEE-SA has kindly waived fee for this program
  - Registration costs
    - [1] One Time Fee for Registration Database set-up: $1000
    - [2] Session Fee of $25.00 per student/facility attendee
  - Networking cost
    - No cost associated with student attendees
  - Refreshments
    - $25.00
  - Total for each student/facility attendee
    - $50.00

Proposal

- Make program first available at the July 2012 plenary
  - A maximum of 30 places to be made available initially
- IEEE 802 University Outreach attendee meeting fee
  - Set fee at $25 initially
- Fund Registration Database set-up cost of $1000

Motion:

> Implement IEEE 802 University Outreach Program described in IEEE802_university_outreach_D5p0.pdf with an attendee fee of $25, with the program first available at the July 2012 plenary.

5.28	II	802 Overview and Architecture update	Gilb	5	09:10 AM

Gilb said that the recirculation ballot failed with 74% approval. There were 29 technical comments and 63 editorial comments. The goal was to finish resolving comments and go for conditional approval for Sponsor ballot at the closing plenary.

Thaler pointed out that some no voters would need to change from no to yes in order to achieve the 75% required for conditional approval.

5.30	II	P&P update	Sherman	5	09:11 AM

Sherman presented VC2_03122012_r0_EC_Rules_Update-opening.ppt

There is an extra rules meeting scheduled on Wednesday, 3:30-4:30 pm.

EC Opening Meeting Update on IEEE 802 LMSC Rules

Author:

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

Date: March 12th, 2012

LMSC Rules Status

- Based on outputs from EC workshop many update in process
- All proposed updates were posted > 30 days before plenary
- All proposed updates were reviewed at rules review (3/11/12)
  - Many modifications
- Current versions are posted in the following documents
  - ec-12-0005-02-00EC- IEEE 802 LMSC Rules Changes for March 2012.doc
  - ec-12-0008-01-00EC-more-proposed-changes-to-p-p-and-om.pptx
- An additional review period has been scheduled Wednesday 4-5 PM in the Water's Edge Boardroom
- Plan is to vote for approval on both documents on Friday
  - If anything is contentious will divide the question
  - Advice is to allow extra time for this process (in case)
  - Discurage modificatons on the floor (up / down votes
  - Revisit next meeting if required

Changes in ec-12-0005-02-00EC

- Proposed changes to the IEEE 802 LMSC P&P
    - Modifications to IEEE 802 Scope (1.1)
    - Cross reference correction (4.1)
- Proposed changes to the IEEE 802 LMSC OM
    - Conditional Approval Recirculations (14)
- Proposed changes to the IEEE 802 LMSC WG P&P
    - WG officer term limits exemption (6.2 & 9.3)

Changes in ec-12-0008-01-00EC

- Proposed changes to the IEEE 802 LMSC P&P
  - Venue selection oversight (3.4.5)

- Proposed changes to the IEEE 802 LMSC OM
  - Typo correction (4.1.4)
  - Remove redundancy (5.2.3)
  - Remove interpretations clause (7)
  - Add subclause on plenary venue selection (5.1.1.2)
  - Add subclause on WG VC voting at EC (6.3)
  - 5C on compatibility (12.5.2)

Additional editorial (not included yet)

- Proposed changes to the IEEE 802 LMSC WG P&P
  - Fix 9.3j

Links

https://mentor.ieee.org/802-ec/dcn/12/ec-12-0005-02-00EC-ieee-802-lmsc-rules-changes-for-march-2012.doc

https://mentor.ieee.org/802-ec/dcn/12/ec-12-0008-01-00EC-more-proposed-changes-to-p-p-and-om.pptx

5.32	II	802.15.6 Appeal notice; identify panel candidates; review appeal process	Nikolich/Gilb	5	09:14 AM

Nikolich stated that non-voting members in good standing should be on the committee because the EC decision is being appealed.

Nikolich identified the following candidates: Thompson, Rigsbee, Adrian Stephens, Wael Diab.

Gilb pointed out that the response to the appeal brief needs to be sent withing 45 days after the meeting has been scheduled, which was on February 2, 2012.

Thompson asked for the time of the appeals meeting.

Gilb said that it was Tuesday, July 17, 7 pm in the Manchester Grand Hyatt in San Diego during the 802 plenary meeting.

5.34	II	EC meeting schedule (rules, SA, etc.)	Nikolich	3	10:20 AM

Nikolich presented the EC meeting schedule for the week, slide 21.

Nikolich asked for people to sign the memorial books and Sherman's gift.

EC meetings for the week

(meeting rooms: default-Waters Edge Boardroom,
else-Kona II, Kohala III, Kohala IV as specified below)

- Monday 7-9pm   802 Architecture

- Tuesday 1:30pm-3pm   Network Service Provider contract review (executive session)
- Tuesday 1:30pm-3:30pm   JTC1 ad hoc (cross 802 related topics, in Kona II)
- Tuesday 3pm-4pm   July 2013 Geneva venue preparation
- Tuesday 4-6pm   802 Architecture
- Tuesday 6-7pm   EC Workshop action item follow up

- Wed noon-1pm   Future Plenary Session Venue options review
- Wed 1:30pm-3:30pm   JTC1 ad hoc (mostly 802.11 related, in Kohala III)
- Wed 3:30-4:30pm   P&P change review/comment
- Wed 4-6pm   802 EC Smart Grid/Smart Utility Network ad hoc discussions (Kohala IV)

- Thursday 8am-9am   802 Architecture
- Thursday 9am-10am   802 EC Smart Grid/Smart Utility Network ad hoc discussions
- Thursday 10-noon   IEEE 802 Task Force
- Thursday 1:30pm-3:30pm   JTC1 ad hoc (mostly 802.11 related, in Kona II)

- Friday 10am-11am   open

5.37	DT	ADJOURN SEC MEETING	Nikolich	10:30 AM

ME - Motion, External MI - Motion, Internal

DT- Discussion Topic II - Information Item

Meeting adjourned at 10:33 am.

Respectfully submitted
James Gilb
IEEE 802 LMSC Recording Secretary