

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

Monday, July 16, 2012 – 8:00 a.m.
All times Pacific Daylight Time (PDT)

San Diego, CA

EC members present:

Paul Nikolich – Chair, IEEE 802 LAN/MAN Standards Committee
Pat Thaler – Vice Chair, IEEE 802 LAN/MAN Standards Committee
James Gilb – Vice Chair, IEEE 802 LAN/MAN Standards Committee
Clint Chaplin – Treasurer, IEEE 802 LAN/MAN Standards Committee
Jon Rosdahl – Executive Secretary, IEEE 802 LAN/MAN Standards Committee
John D'Ambrosia – Recording Secretary, IEEE 802 LAN/MAN Standards Committee
Tony Jeffree – Chair, IEEE 802.1 – HILI Working Group
David Law – Chair, IEEE 802.3 – Ethernet Working Group
Bruce Kraemer – Chair, IEEE 802.11 – Wireless LAN 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

Nonvoting EC members present:

Buzz Rigsbee – Meeting Planner, Member Emeritus (nonvoting)
Geoff Thompson – Member Emeritus (nonvoting)

EC members absent:

John Lemon – Chair (non-voting), IEEE 802.17 (hibernating) – Resilient Packet Ring Working Group
Canchi Radhakrishna – Chair (non-voting), IEEE 802.20 (hibernating) – Mobile Broadband Wireless Access Working Group

v04		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
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Meeting Called to order at 8:01am

IEEE
Standards Project Authorization

1. August 25, 1979 Date of Request	Project No. PDA- Approved: 9/15/80 Date
2. (X) New Standard Revision of _____ Standard No. _____	() Restriction 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. Sponsoring Organization: Computer Standards Technical Committee	Computer Society Society
6a. Proposed ANSI Committee: X3	ANSI Project #: _____ Date Approved: _____
6. Proposed Coordination: Method of Coordination Dr. Herbert Hecht Computer Society Representative to X3. Also coordination with IEC Committees will be undertaken. Minutes will be mailed to ANSI X3 Secretary. Communications Society Computer Side Committee (added by amendment 9/17/80. See meeting)	
7. Name of Group that will Write the Standard: Microprocessor Standards Subcommittee	Local Network Working Group
8. Estimated Final Delivery Date: December 1982 To Technical Committee	March 1983 To Standards Board
9. Person Designated to Receive Communications and Conduct Liaison with Interested Bodies: Name: Marly Greube Company: Tektronix, Inc. Street address: P. O. Box 500, M/S 58-138 Beaverton, OR 97007 (503) 644-0161 Ext. 6234 City State Zip Code Telephone	
10. Administrative: Dr. Robert G. Stewart Name: Stewart Research Enterprises Company: 1658 Belvoir Drive Street address: Los Altos, CA 94022 (415) 941-5656 City State Zip Code Telephone	

Form STD-100 (1979)

JUL 2012
IEEE 802
LMSC

Opening EC Meeting
8 AM-10:30AM

draft04

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2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	10	08:01 AM
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Motion

Motion is to approve the agenda, ec-12-0021-04-00EC-july-2012-opening-agenda.ods

Moved: Gilb
Second: Rosdahl
Results: 13/0/0
Motion Passes, Agenda is approved.

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		Special Orders			
		Category (* = consent agenda)			
1.00		MEETING CALLED TO ORDER	Nikolich	1	08:00 AM
2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	10	08:01 AM
3.00	MI*	APPROVE Minutes of March opening meeting, 20120312-opening-minutes-v1.pdf	Nikolich	0	08:11 AM
3.01	MI*	APPROVE minutes of March closing meeting, 20120316-closing-minutes-v1.pdf	Nikolich	0	08:11 AM
3.02	MI*	APPROVE minutes of June conference call, 2012_06_05_Call_Minutes_R0.pdf	Nikolich	0	08:11 AM
4.01	II	EC member affiliation updates	Nikolich	1	08:11 AM
4.02	MI*	IEEE Staff Introductions / Fee Waiver	Nikolich/Gerdon	0	08:12 AM
4.03	MI*	Invited Guest Fee Waiver	Nikolich	0	08:12 AM
	\			0	08:12 AM
		LMSC items		0	08:12 AM
5.00	ii	open		0	08:12 AM
5.01	II*	BoG Actions	Nikolich	0	08:12 AM
5.02	II*	Stds Board Actions (approved projects, standards, withdrawals)	Nikolich	0	08:12 AM
5.03	II*	LMSC Email Ballot Recap	Nikolich	0	08:12 AM
5.04	II*	Tutorial Schedule	Nikolich	0	08:12 AM
5.05	II*	List of Drafts to Sponsor Ballot	Nikolich	0	08:12 AM
5.06	II*	List of Drafts to Revcom	Nikolich	0	08:12 AM
5.07	II	PARS to NesCom	Nikolich	5	08:12 AM
5.08	II	Notice of Study Groups / pre-PAR activity under consideration/status of existing SGs	Nikolich	5	08:17 AM
5.09	II	EC Smart Grid Study Group Report	Gilb	5	08:22 AM
5.10	II	"Higher Speed Ethernet" Industry Connections Endorsement Proposal	D'Ambrosia	5	08:27 AM
5.11	II	ITU-T Joint Coordination Activity on Smart Grid and Home Networking	Law	5	08:32 AM
5.12	II*	November 12 and 13, 2011 EC workshop action item review	Kraemer/Rosdahl	0	08:37 AM
5.13	II*	Reminder - Action Items EC June 5th Conference Call	Nikolich	0	08:37 AM
5.14	II	802 JTC1 ad hoc update	Kraemer/Myles	5	08:37 AM
5.15	II	sharing of 1905.1 drafts--liaison status	Nikolich	5	08:42 AM
5.16	II	Future venue contract status	Rosdahl	5	08:47 AM
5.17	II	Geneva 2013 Expectation	Rosdahl	5	08:52 AM
5.18	MI	Confirmation of ITU-T Representative (JMessenger)	Nikolich	5	08:57 AM
5.19	DT	Reflector Configuration	Nikolich / Rosdahl	5	09:02 AM
5.20	II	Host Guidelines status update	Rosdahl/Rigsbee	5	09:07 AM
5.21	II	Single copy sales of PDF status update	McCabe	5	09:12 AM
5.22	II	Internet of Things Beijing Workshop summary	McCabe	5	09:17 AM
5.23	II	Document publication priority update	McCabe/Nikolich	5	09:22 AM
5.24	II	SA Internal Activities Update	McCabe	5	09:27 AM

5.25	II	Get IEEE 802 Update	McCabe	5	09:32 AM
5.26	II	Treasurer's report	Chaplin	5	09:37 AM
5.27	II	802 e-tools status update	Boyce/Rosdahl	5	09:42 AM
5.28	II	IEEE 802 University Outreach status update	Law	5	09:47 AM
5.29	II	802 Overview and Architecture status update	Gilb	5	09:52 AM
5.30	II*	International Participation Studies Update	Haasz	0	09:57 AM
5.31	II	Global Standards Update	Steve Mills	5	09:57 AM
5.32	DT	should the 802 EC acquire a telephone bridge for con calls?	Nikolich	5	10:02 AM
5.33	II	P&P update	Gilb	5	10:07 AM
5.34	II	IEEE Charles Proteus Steinmetz Award	Jeffree / Heile	3	10:12 AM
5.35					10:15 AM
5.36	II	EC meeting schedule (rules, SA, etc.)	Nikolich	3	10:15 AM
5.37					10:18 AM
5.38	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 March opening meeting, 20120312-opening-minutes-v1.pdf	Nikolich	0	08:11 AM
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Approved with the approval of the agenda.

3.01	MI*	APPROVE minutes of March closing meeting, 20120316-closing-minutes-v1.pdf	Nikolich	0	08:11 AM
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Approved with the approval of the agenda.

3.02	MI*	APPROVE minutes of June conference call, 2012_06_05_Call_Minutes_R0.pdf	Nikolich	0	08:11 AM
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Approved with the approval of the agenda.

4.01	II	EC member affiliation updates	Nikolich	1	08:11 AM
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Updated Affiliation for Roger Marks: Consensii LLC; Mobile Pulse, Inc.; WiMAX Forum; Airspan Networks, Inc.

EC Affiliation Update

- Changes in affiliation among EC members

4.02	MI*	IEEE Staff Introductions / Fee Waiver	Nikolich/Gerdon	0	08:12 AM
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Approved with the approval of the agenda.

4.03	MI*	Invited Guest Fee Waiver	Nikolich	0	08:12 AM
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Approved with the approval of the agenda.

IEEE Staff on site

1. Michelle Turner:	Document Development	Sr. Prgm. Mgr.
2. Patricia Gerdon:	Technical Committee Programs	Sr. Mgr.
3. Kathryn Bennett:	Technical Program Development	Prgm. Mgr.
4. Lisa Perry:	Technical Program Development	Prgm. Mgr.
5. Karen McCabe:	Strat. Mktg and Product Management	Sr. Director
6. Jodi Haasz:	International Programs	Stds. Strategist
7. Christina Boyce:	Standards Solutions Services (etools)	Manager
8. Greg Marchini	Standards Solutions Services (etools)	Specialist
9. Kathy Berger	Document Development	Sr. Prgm. Mgr.
10. Bob Labelle:	Ind. Conn., Stds Tech. Dev. & Solutions	Sr. Director
11. Karen Kenney	Financial Mgt. & Allied Businesses	Sr. Director
12. Bill Ash	Standards Smart Grid Program	Strat. Prgm. Mgr.

Invited Guest

1. Ganesh Venkatesan to attend 802.11aa award ceremony ex-TG11aa chair

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Meeting Fee Waivers

- IEEE SA Staff listed on previous slide
- Invited Participants listed on previous slide
- EC Motion:
Approve waiving of the registration fee for the above Staff and invited participants

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5.00	ii	open		0	08:12 AM
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5.01	II*	BoG Actions	Nikolich	0	08:12 AM
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Distributed in advance of the meeting.

SA BoG Update

- JUN 2012
 - meeting was held in Tokyo 11-14 June 2012
 - BoG is working to improve the SA's international strategy and standards development participation (e.g., with S. Korea, Japan, India, China, Europe, etc.)
 - Bruce Kramer is leading the work on developing a strategy for improving standards development with Chinese participants
 - The SA has hired a new managing director, Konstantinos Karachalios, he starts 20AUG2012

5.02	II*	Stds Board Actions (approved projects, standards, withdrawals)	Nikolich	0	08:12 AM
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Distributed in advance of the meeting.

SA Standards Board Actions

Project Actions (approvals MAR, MAY and MAY2012)

New Projects: P802.3bk, P802.15.4n, P802.15.4p, P802.15.8, P802.21d, 802.1AEbw, 802.1Qbu, 802.1Qbv, 802.1Xbx

Modified PAR: none

Revisions: 802.1AX

Reaffirmations: none

Corrigendum: none

Withdrawals: none

Extensions: none

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SA Standards Board Actions

Standards Actions (approvals MAR, MAY and JUN2012)

New Standards: P802.1aq, P802.1AXbk, P802.11aa, P802.11ae, P802.15.4g, P802.21a, P802.21b, P802.1BR, P802.1Qbg, P802.16.1

Revised Standards: P802.16 (Revision)

Reaffirmations: none

Corrigendum: none

Extensions: none

Withdrawals: none

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5.03	II*	LMSC Email Ballot Recap	Nikolich	0	08:12 AM
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Distributed in advance of the meeting.

LMSC Email Ballot Recap

	<u>open date</u>	<u>topic</u>	<u>yes/no/abs/dnv</u>	<u>result</u>
1)	24APR	802.11-2012 press release	14/00/00/00	pass
2)	29APR	802.01aq press release	09/00/00/05	pass
3)	06MAY	802.15.6-2012 press release	12/00/00/02	pass
4)	30APR	802.18 FCC TVWS position stmt	11/01/00/02	pass
5)	13MAY	University Outreach press release	14/00/00/00	pass
6)	18MAY	comments to ITU-R WP1A	12/00/00/02	pass
7)	23MAY	authorize 802.1 book signing	12/00/00/02	pass
8)	29MAY	authorize P802.1Q Corr2 to SB	10/00/00/04	pass
9)	15JUN	authorize Geneva site inspection	09/00/01/04	pass
10)	22JUN	endorse Higher Speed Ethernet Consensus doc prep	10/02/01/01	pass

5.04	II*	Tutorial Schedule	Nikolich	0	08:12 AM
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Distributed in advance of the meeting.

Tutorial/Information Schedule

Monday	notes
1) What's next? Wireless Communication Beyond 60 GHz 6:00-7:30PM, sponsored by 802.15WG Chair Bob Heile	
2) IEEE Industry Connections Ethernet Bandwidth Assessment 7:30-9:00PM, sponsored by 802.3WG Chair David Law	
3) Heterogeneous Networking among the IEEE 802 Family - proposal for an Open Mobile Network Interface (OMNI) Standard 9:00-10:30PM, sponsored by 802.16WG Chair Roger Marks	

5.05	II*	List of Drafts to Sponsor Ballot	Nikolich	0	08:12 AM
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Distributed in advance of the meeting.

Draft Standards to Sponsor Ballot

- 802.01: 802 Overview and Arch (cond)
- 802.03: P802.3.1 (IEEE 802.3.1a) Ethernet MIBs Revision (conditional)
- 802.11: none
- 802.15: none
- 802.16: P802.16n Higher Reliability Networks amending Std 802.16,
P802.16.1a Higher Reliability Networks amending Std 802.16.1
- 802.19: none
- 802.21: none
- 802.22: none

5.06	II*	List of Drafts to Revcom	Nikolich	0	08:12 AM
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Distributed in advance of the meeting.

Items for RevCom consideration

- 802.01: P802.1Q Cor-2 (Conditional), P802.1AC (conditional)
- 802.03: P802.3bh Ethernet Revision (conditional)
- 802.11: P802.11ad Very High Throughput – 60GHz (conditional)
- 802.15: none
- 802.16: 802.16p Enhancements to Support M2M Applications amending Std 802.16, 802.16.1b Enhancements to Support M2M Applications amending Std 802.16.1 (all conditional)
- 802.19: none
- 802.21: tbd
- 802.22: none

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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 (extension request on AUG SASB agenda)
- P802.11ad (Sponsor Ballot Phase)
- P802.22.2 (submitted to RevCom for AUG consideration)
- Reminders: The next face to face NesCom meeting is scheduled for 29 August 2012 in Piscataway, NJ. The submittal deadline for the August agenda is 20 July 2012.
- The next NesCom Continuous Processing meeting is scheduled for 19 October 2012 by telecon. The submittal deadline for the October agenda is 7 September 2012.
- The Next face to face RevCom meeting is scheduled for 29 August 2012 in Piscataway, NJ. The submittal deadline for the August agenda is 20 July 2012.
- The next RevCom Early Consideration teleconference is scheduled for 19 October 2012 by telecon. The submittal deadline for the October agenda is 4 September 2012 (on a first come basis).
- The deadline for all reaffirmation submissions is 15 October for the December RevCom agenda. After that date reaffirmation submissions will no longer be accepted.

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STDs due for 10 yr maintenance by DEC12

- none

5.07	II	PARS to NesCom	Nikolich	5	08:12 AM
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Discussion –

- In addition to revision to 802.21, PAR for a new standard 802.21.1 to be discussed.

Discussion - if it should be added, as the 48 hour rule notification was not met, and no 5 Criteria responses were present. It was felt that if this were a new standard, then there should be 5 Criteria responses.

Draft PARs to NesCom

1. P802.1Q revision
2. P802.1AB corrigendum
3. P802.3bm 40 Gb/s and 100 Gb/s Operation Over Fiber Optic Cables
4. P802.3bn Ethernet Passive Optical Networks Protocol over Coax Networks
5. P802.11aj amendment for China millimeter wave 40-50 GHz and 59-64 GHz
6. P802.11ac Very High Throughput – 5GHz PAR extension
7. P802.11REVMc Integration of published amendments into 802.11-2012
8. P802.16q amendment for multi-tier networks
9. P802.16.3 new standard for mobile broadband network performance measurements
10. P802.21 revision
11. Withdraw P802.1AXbq PAR (work has been subsumed into the P802.1AX revision PAR)

5.08	II	Notice of Study Groups / pre-PAR activity under consideration/status of existing SGs	Nikolich	5	08:17 AM
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Discussion

- 802.11 - Wireless Next Generation Standing Committee – Additional new unnamed SG Proposals may come on Friday.
- 802.16 – Further PARs may be generated by SG

Pre-PAR activity

- 802.1,802.18, 802.19, 802.21 - none
- 802.3 –SG EPON PHY for Coax (2nd ext), SG Next Generation 40/100Gb/s Ethernet Interfaces for Optical Fiber (3rd ext), SG Reduced Pair 1 Gb/s Ethernet, CFI Next Generation BASE-T 802.3, Higher Speed Ethernet Consensus Industry Connections
- 802.11– Infrastructure Service Discovery (2nd), China mmWave (2nd), plus other activities in Wireless Next Generation standing committee
- 802.15 – Ultra low power 802.15.4 (1st), Interest Groups: Terahertz, L2 Mesh Under Routing, LED Communications, Spectrum Resource Usage
- 802.16 – Metrology SG (1st ext), HetNet SG (1st ext)
- 802.22 SG for enhanced protection for signal types other than the Part 74 devices.

5.09	II	EC Smart Grid Study Group Report	Gilb	5	08:22 AM
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Gilb gave verbal update of EC Smart Grid SG. May meeting report verbalized may be found at <https://mentor.ieee.org/802ecsg-sg/dcn/12/sg-12-0002-00-00sg-May-2012-report.odp>.

Smart Grid ECSG to meet 4pm to 6pm (M-W – Elizabeth D/E)

Request formation of a TAG at closing plenary.

5.10	II	"Higher Speed Ethernet" Industry Connections Endorsement Proposal	D'Ambrosia	5	08:27 AM
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D'Ambrosia presented ec-12-0038-00. (<https://mentor.ieee.org/802-ec/dcn/12/ec-12-0038-00-00EC-update-higher-speed-ethernet-consensus-industry-connections.pdf>)

Motion passed on reflector endorsing Higher Speed Ethernet (HSE) Consensus ICAID preparation was discussed. ICCOM is looking for endorsement by the Sponsor (EC) of the content of the HSE ICAID to evaluate its decision to recommend to the SASB. The HSE group would not be generating a PAR and would only be delivering historical documents (meeting notes and presentations).

Discussion and comments.

- Desire for text to be added to ICAD that work would come back to reside in 802.
- 802 rules need to be updated to address handling Industry Connection (IC) activities.
 - General discussion of this at Sunday evening rules meeting
 - Meeting Tuesday noon- 1pm to discuss rules regarding IC Groups
- D'Ambrosia will bring motion to closing plenary. As the rules need to be modified, D'Ambrosia seeking feedback on what to bring back to EC to obtain approval at Friday's meeting.

Industry Connections

Update: Higher Speed Ethernet Consensus

John D'Ambrosia
Dell
San Diego, CA, USA, July 2012

“Ethernet Bandwidth Assessment” Program Submission

- **Background and Purpose**

During the IEEE P802.3ba 40Gb/s and 100Gb/s Ethernet project, it was observed that core networking and computing applications were growing at different rates, driving the need to develop the two new wireline Ethernet speeds. The focus of this IC activity will be to perform an appraisal of future “Ethernet Wireline Bandwidth Needs” of applications within the Ethernet eco-system.

Related Standard – IEEE Std 802.3-2008 and IEEE Std 802.3ba-2010

Related Sponsor – IEEE 802

- **Charter and Scope**

The scope of this IC will focus on gathering information that will enable an evaluation of the bandwidth needs for Ethernet wireline applications, including, but not limited to, core networking and computing. This evaluation will then enable the generation of a white paper(s) and related presentations on the future bandwidth needs of Ethernet wireline applications, which can then be used for future reference by an appropriate related standards activity.

- **Proposed Deliverables**

This evaluation will then enable the generation of a white paper(s) and related presentations on the future bandwidth needs of Ethernet wireline applications, which can then be used for future reference by an appropriate related standards activity.

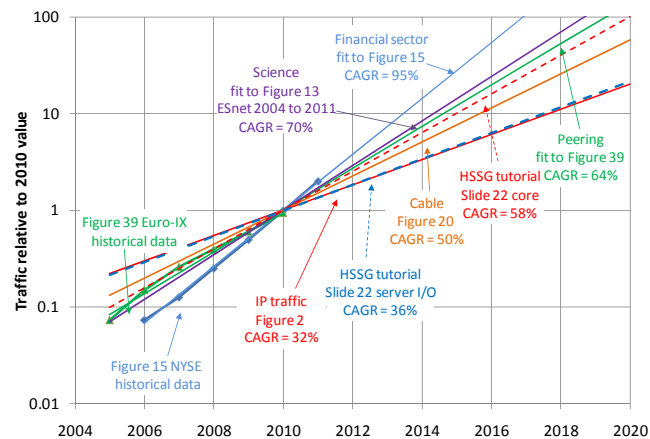
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Proposed “Higher Speed Ethernet Consensus” Industry Connections

IEEE 802.3 July 12 Plenary,
San Diego, CA, USA

IEEE 802.3 BWA Status Update

- Work has been completed.
- http://www.ieee802.org/3/ad_hoc/bwa/public/jul12/1207_BWA_op_en_report.pdf
- Tutorial this week!
- Pending IEEE 802.3 WG approval this week!
- What’s Next?



Source: IEEE 802.3 BWA Tutorial -

http://www.ieee802.org/802_tutorials/2012-07/BWATutorial_D1_12_0716.pdf

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Proposed “Higher Speed Ethernet Consensus” Industry Connections

IEEE 802.3 July 12 Plenary,
San Diego, CA, USA

“Higher Speed Ethernet Consensus” Program Submission

- **HSE ICAID:** <https://mentor.ieee.org/802-ec/dcn/12/ec-12-0033-00-00EC-higher-speed-ethernet-icaid.pdf>
- **Background and Purpose**

The completion of the IEEE 802.3 Industry Connections Ethernet Bandwidth Assessment Ad hoc has demonstrated that the bandwidth requirements of multiple application spaces are continuing an exponential climb with the forecasted growth in 2020 to reach a level 100x the bandwidth required in 2010. The purpose of the Industry Connection's Higher Speed Ethernet Consensus activity will be to build consensus related to initiating a new effort targeting the next speed of Ethernet for wireline applications, which will be used for the evaluation and possible development of a Call-For-Interest for the next Higher Speed Study Group.

Related Standard – IEEE Std 802.3-2008 and IEEE Std 802.3ba-2010

Related Sponsor – IEEE 802
- **Charter and Scope**
 - The scope of this IC activity will focus on building consensus related to the next speed of Ethernet for wireline applications, which will be used for the evaluation and possible development of a Call-For-Interest for the next Higher Speed Study Group.
- **Proposed Deliverables**
 - The proposed deliverables will be the historical records, i.e. meeting notes & presentations, of the meetings held by this Industry Connections activity.

HSE ICAID Initial Members

- | | | |
|--|---------------------------------------|-----------------------------------|
| • John D'Ambrosia, Dell | • Martin Carroll, Verizon | • Jianyao Chen, Gigoptix |
| • Mark Nowell, Cisco | • Sam Sambasivan, AT&T | • Megha Shanbhag, TE Connectivity |
| • David Ofelt, Juniper | • Ralf-Peter Braun, Deutsche Telekom | • Nathan Tracy, TE Connectivity |
| • Pete Anslow, Ciena | • Huang Xi, Huawei | • Francois Tremblay, Semtech |
| • Steve Trowbridge, Alcatel-Lucent | • Parantap Lahiri, Microsoft | • Mabud Choudhury, Commscope |
| • Ali Ghiasi, Broadcom | • Louie Lee, Equinix | • Masashi Kono, Hitachi |
| • Thananya Baldwin, Ixia | • Peter Stassar, Huawei | • Velu Pillai, Broadcom |
| • Gerald Pepper, Ixia | • Jeff Maki, Juniper | • Vasu Parthasarathy, Broadcom |
| • Mark Gustlin, Xilinx | • Dirk Breuer, Deutsche Telekom | • Hugh Barrass, Cisco |
| • Kapil Shrikhande, Dell | • Ryan Latchman, Mindspeed | • Marc Dupuis, TE / Madison |
| • Chris Cole, Finisar | • Sudeep Bhoja, Inphi | • Eric Hall, Aurion |
| • Kai Cui, Huawei | • Mike Dudek, Qlogic | • Daniel Sparacin, Aurion |
| • Scott Kipp, Brocade | • Hiroshi Hamano, Fujitsu Labs | • Gary Nicholl, Cisco |
| • Jon Anderson, Opnext | • Nishihara Susumu, NTT | • Katsuhisa Tawa, Sumitomo |
| • Mike Peng Li, Altera | • Taichi Kogure, Opnext | • Greg McSorley, Amphenol |
| • Andy Moorwood, Infinera | • Rick Rabinovich, Alcatel-Lucent | • Wheling Cheng, Juniper |
| • Henk Steenman, AMS-IX | • Beth Kochuparambil, Cisco | • John Petrilla, Avago |
| • Andy Bach, NYSE | • Scott Sommers, Molex | • Dan Dove, Applied Micro |
| • Arnold Nipper, DE-CIX | • Tom Palkert, Xilinx, Molex, Luxtera | • Joel Goergen, Cisco |
| • Robert Lingle, OFS | • Paul Kolesar, Commscope | • Frank Change, Vitesse |
| • Michael Benett, LBNL-Energy Sciences Network | | |

Status

- ICCOM
 - Recommendation to SASB pending endorsement of ICAID by Sponsor (802)
 - Teleconference Scheduled for 23 July (Monday)
 - SASB approval pending ICCOM Recommendation
- Update to be given @ IEEE 802.3WG Opening Plenary pm 16 July
- Proposed “Endorsement” Motion for Friday EC Meeting–
 - The IEEE 802 EC endorses the content of the “Higher Speed Ethernet Consensus” ICAID (<https://mentor.ieee.org/802-ec/dcn/12/ec-12-0033-00-00EC-higher-speed-ethernet-icaid.pdf>) with oversight to be delegated to IEEE 802.3 Working Group Chair (pending SASB approval of HSE IC).

Status

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- Update to be given @ IEEE 802.3WG Opening Plenary pm 16 July
- Proposed “Endorsement” Motion for Friday EC Meeting–
 - The IEEE 802 EC endorses the content of the “Higher Speed Ethernet Consensus” ICAID (<https://mentor.ieee.org/802-ec/dcn/12/ec-12-0033-00-00EC-higher-speed-ethernet-icaid.pdf>) with oversight to be delegated to IEEE 802.3 Working Group Chair (pending SASB approval of HSE IC).

Thank You!

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Proposed "Higher Speed Ethernet Consensus" Industry Connections

IEEE 802.3 July 12 Plenary,
San Diego, CA, USA

5.11	II	ITU-T Joint Coordination Activity on Smart Grid and Home Networking	Law	5	08:32 AM
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Law presented ec-12-0035-00. (<https://mentor.ieee.org/802-ec/dcn/12/ec-12-0035-00-00EC-itu-t-tsag-joint-coordination-activity-on-smart-grid-and-home-networking-update.pdf>)

- Comments
 - ITU TSAG
 - Proposal by Germany –
 - Allow ITU recommendation to reference another standard subclause by subclause with ability to make changes as part of that referencing.
 - While similar to what is done already in some IEEE 802 standards, the difference is in IEEE 802 we do this to leverage technology from one standard to create another.
 - The intent of the German proposal seems to be to allow ITU to produce their version of an existing standard, that is change the meaning of the original standard
 - IEEE response was that this is not good for the market and there are IP issues, particularly in the area of LOAs
 - The IETF and the US national body supported the IEEE position
 - The Germany national body then clarified its proposal, but there were other countries supporting the proposal.
 - The action items were for ITU Legal to review potential IP issues and for discussion to be arranged between the interested parties.

- Will be likely to come up at WTSA (World Telecommunications Standards Assembly) Meeting. IEEE-SA can attend, but cannot vote, voting by country only.
- ITU is a working on starting a standard education activity. Possibility of collaboration with IEEE-SA Standards Education.
- Conformance & Interoperability (C&I)
 - Proposal to ITU Council to implement KPMG plan (talk to David)
- ITU-IETF collaboration
 - Still challenges, it was that ITU used the example of working with IEEE 802.3 and IEEE 802.1 of how the relationship should work.
- ITU Joint Coordinating Activity on Smart Grid and Home networking (JCA SG&HN)
 - Smart Grid discussion ran over with Home Networking portion shorter than expected.
 - European focused Smart Grid Tutorial given.
 - We should request that IEEE technologies (wired and wireless) be added
 - The next meeting of JCA SG&HN is in Bay Area with phone-in access as well - registration be required to attend the meeting whatever the method.
 - The EC should request the EC Study group to be the Focal point for working with JCA
 - Geoff Thompson willing to serve as IEEE 802 point contact for July meeting
 - Gilb / ECSG will add to agenda (Smart Grid and Home Networking) and come back with a recommendation. First item on agenda (today 4pm – Elizabeth D)

Report from ITU-TSAG and ITU JCA SG&HN

David Law

July 2012

ITU Technical Standardization Advisory Group (TSAG) Meeting

- TSAG oversees standardization activities for ITU-T
- IEEE sent delegation for first time: David Law, Moira Patterson
- IETF and ISO were also in attendance
- Mentioned that ITU is growing in ICT, but also highlighted some other areas of particular focus: Intelligent Transportation, Medical, Cloud Computing, Security

C74 – German proposal on normative referencing

- IEEE presented its contribution, and the US and IETF presented contributions and supported IEEE proposal
- Germany gave prepared response to all three contributions, stating that it was partial misunderstanding
- Long discussion, with concerns expressed by several country members
- Outcome:
 - Germany clarified its proposal
 - ITU legal department will review concerns over possible IP issues
 - It was stated that this topic will likely come up at WTSA (Assembly), so Chair encouraged parties to have informal discussions to resolve

Other items to note

- Standards Education proposal from GISFI led to lengthy discussion
 - Discussion appeared to focus mainly on structure of work and how to coordinate with other ITU sectors
 - ITU-T aiming to build stronger membership from academic institutions
 - One goal is to create international standardization curricula
- Conformance & Interoperability (C&I) another lengthy discussion
 - ITU has business plan on C&I [TD381]
 - A reflector was created to identify issues and solutions
 - This will be discussed at WTSA
- ITU-IETF collaboration – some challenges
- MOU with ETSI was signed (to be available online soon)

Joint Coordinating Activity – Smart Grid and Home Networking (JCA SG&HN)

- This was only second meeting of the group; next meeting 31 July in California, USA
- A tutorial on the Smart Grid activity was reviewed
 - It was noted that CENELEC has applied for status to be referenceable by ITU, to be able to deepen cooperation
 - Observation: Home networking aspects focus only on wired networking
 - Mentioned informal agreement with IEEE P1901.2 WG for interoperability
 - Feedback to coordinate with ITU-R activities also
- Aware that the representatives lists are out of date, and they plan to reach out to the contacts listed. We told them that we will be in contact with updated IEEE contacts.
- Home networking portion was very small part of meeting, as Smart Grid discussion ran long

5.12	II*	November 12 and 13, 2011 EC workshop action item review	Kraemer/Rosdahl	0	08:37 AM
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Document <https://mentor.ieee.org/802-ec/dcn/12/ec-12-0003-06-00EC-november-2011-ec-workshop-action-items.xlsx> distributed in advance of meeting. All items were either complete or removed during June conference call.

July 2012

doc.: IEEE 802 EC-12/00039r2

M5.12: Workshop Status Update

- During the IEEE 802 EC June Conference call, we closed or removed all remaining action items.
- Note final status documented in 802 EC-12/3r6.
 - <https://mentor.ieee.org/802-ec/dcn/12/ec-12-0003-06-00EC-november-2011-ec-workshop-action-items.xlsx>
- Note that Tab WS11-2 was moved to new document:
 - 802 Plenary Future Venue Contract Status
- **Request for Consent Agenda**

5.13	II*	Reminder - Action Items EC June 5th Conference Call	Nikolich	0	08:37 AM
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Distributed in advance of the meeting.

June EC telecon Action Items

Action Item	Reference Item #	Owner	Description	Status
120605.01	8	Rosdahl	Conduct Geneva Site Visit EC Ballot	
120605.02	9	Rosdahl	Provide proposed draft OM "Meeting Manager" changes for consideration at July Rules Meeting (Need to be sent out 30 days prior to July Rules Meeting)	
120605.03	9	Gilb	Send out formal announcement of Rules Meeting on Sunday night at July Plenary	
120605.04	9	Rigsbee	Send out slide comparing responsibilities of "EC Meeting Manager" and "3rd party meeting manager"	
120605.05	10	Thompson	Provide input scope text into the O&A document	
120605.06	10	Thompson	Lead an ad hoc of comment resolution committee to provide some verbiage describing general dynamics of an evolving scope. Targeting Item WS11-21	
120605.07	12	Nikolich	Add agenda item to discuss proposed Ops Manual changes at Rules Meeting, Sunday evening at July Plenary	
120605.08	13	Thaler	Initiate EC Email Ballot to address "IMAT support" with detailed requirements.	
120605.09	14	Thaler	Define participation criteria for attending and registering the meeting.	
120605.10	14	Thaler	Solicit one person present from each 802 WG to support IEEE-IETF joint meeting. Support from WG chairs to identify participants needed.	
120605.11	14	Thaler	Conduct Doodle poll to hold an internal 802 discussion regarding IEEE-IETF joint meeting.	
120605.12	15	Karen McCabe	Email summary listing top sellers	
120605.13	16.01	Rosdahl	Provide draft of Sponsor guidelines for July meeting.	9
120605.14	16.01	Rigsbee	Email slide regarding "802 Sponsor Document"	
120605.15	16.02	Nikolich	Add topic "Reflector Configuration" to July Plenary agenda	

5.14	II	802 JTC1 ad hoc update	Kraemer/Myles	5	08:37 AM
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Kraemer presented Slide 29 11-12-0721-00-0000-802-11 Snapshots-July 2012.pptx

Three meetings this week to discuss 802 JTC1

802 / 802.11 to meet regarding response to China's comments on SC6 /802 Draft Agreements

Tues / Wed / Thur Afternoon PM1 meetings to discuss proposals

Next JTC1 / SC6 meeting will be held in Graz, Austria in September.

July 2012

doc.: IEEE 802.11-12/0721r0

IEEE JTC1 ad hoc – July 2012

- **The agenda items that will be addressed this week are:**
 - Review status of 802.11 WG draft liaisons to SC6
 - Review status of ballot on IEEE 802.11-2012 by JTC1
 - Review draft SC6/WG1 agenda for meeting in September in Austria
 - Appoint and empower IEEE 802 delegation to SC6 meeting
 - Develop final responses as part of process to develop an agreement related extensions by SC6 to IEEE 802 standards
 - Based on a 2nd round of questions & comments by Swiss & Chinese NBs
 - Review any changes to status of proposals to SC6 related to IEEE 802
 - WAPI, TLSEC, TePA-AC, EUHT, etc
 - Consider IEEE 802 response to Swiss NB input to SC6 on process improvements after WAPI experience

5.15	II	sharing of 1905.1 drafts--liaison status	Nikolich	5	08:42 AM
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Verbal update provided by Jeffree

The P1905.1WG is developing an abstract layer for home networking technologies, including IEEE 802, to be treated in a similar manner. Trying to obtain visibility into what the group is doing and how it might overlap with 802 technologies. Possible concerns about no visibility into the group's activities.

Attempting to get access to 1905.1 Draft for visibility into what it is doing in relation to 802 technologies.

- The P1905.1 WG held two votes that decided the P1905.1 drafts would not be shared with 802
- 1905 has gone to sponsor ballot with their draft.

Concern about lack of co-operation between 1905.1 and sharing of information.

Jeffree's personal opinions

- 1905.1 work in progress
- Jeffree purchased a copy of the draft on his own to review. Based on his review the quality of the draft sent to sponsor ballot was of a relatively low quality (as compared to 802 drafts), a quality characterized as not being sufficiently high to send to a WG ballot in 802.1.

Thaler, through the entity membership of the company she is affiliated with, is working to improve things between 1905.1 and 802. Potential to improve between conflicting bridging standards. Thaler opinion – effort is in fragile state of improvement.

The SA P&P prevent 802 from participating in entity-based WGs/Projects" because it is not an approved "non-profit corporate member", hence the following motion.

Motion:

"EC to take the steps necessary to apply for corporate membership of the IEEE for P802, in order to facilitate P802 involvement in entity projects. EC Approves the allocation of funds to pay the advanced corporate membership fee."

Moved : Jeffree

Seconded:

Motion withdrawn at chair's request with no objection from mover to enable discussion throughout the week with Jeffree as focal point.

The fee structure is described: here: <HTTPS://standards.ieee.org/membership/index.html>. It is thought that 802 would fall under the lowest tier, so the fee payable would be \$3500.

This should be used as a case study to present to IEEE-SA, as an example of how things can go wrong.

5.16	II	Future venue contract status	Rosdahl	5	08:47 AM
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Rosdahl presented Slide #5 of ec-12-0039-02-00EC-exsec-agenda-items-july-2012.pptx,

July 2012

doc.: IEEE 802 EC-12/00039r2

M5.16: Future Venue Contract Status

- **Identified in Workshop spreadsheet 802 EC-12/3r6:**
 - See Tab WS11-2
 - Slots currently Open at
 - 2015 – March (Tentative Singapore)
 - 2017 – March and Nov
 - 2018 – March and Nov
- **Currently all contracts turned into IEEE**
 - PO/Contract Number identified for all executed contracts
- **Now in 802 EC-12/40r0**
- **Plan to move March 2014 Atlanta**
 - – looking for possible replacement.

Submission

Slide 5

Jon Rosdahl, CSR

Plan to move March 2014 Atlanta to non-North America. Looking for a possible replacement location. Working with hotel in Atlanta, They are open to replacing the one March meeting with two interim meetings.

Motion

Motion to affirm the approval of the following Venue locations:

- 2012 Nov – San Antonio, Texas
- 2013 March – Orlando, Florida
- 2013 Nov – Dallas, Texas
- 2014 July – San Diego, California
- 2014 Nov – San Antonio Texas
- 2015 March – Singapore
- 2015 July – Kona, Hawaii
- 2015 Nov – Dallas, Texas

Moved: Jon Rosdahl
Second: Bob Heile

Discussion –

- Concern over lack of international events.
- One Non-North American date per year intended.
 - July 2013 Geneva – not shown
 - March 2014 Trying to be moved
 - March 2015 - Singapore

- List in motion does not include dates that are open where dates are being pursued
- March of 2015 date is being held by hotel. Contract similar, but details have not been negotiated / finalized.
- Session on future venues to be held this week. Beyond 2015 to be further considered then.
- Objections voiced to inclusion of Kona, HI in list.

Motion modified (removal of Kona, HI session) to below:

Motion

Motion to affirm the approval of the following Venue locations:

- 2012 Nov – San Antonio, Texas
- 2013 March – Orlando, Florida
- 2013 Nov – Dallas, Texas
- 2014 July – San Diego, California
- 2014 Nov – San Antonio Texas
- 2015 March – Singapore
- 2015 Nov – Dallas, Texas

Moved:	Rosdahl	
Second:	Bob Heile	
Results :	y/n/a:	13 / 1 / 0,
Motion	Passes	

5.17	II	Geneva 2013 Expectation	Rosdahl	5	08:52 AM
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Rosdahl presented slides 7 – 9 of ec-12-0039-02-00EC-exsec-agenda-items-july-2012.pptx,

MOU with ITU – has not been received, but ITU was supposed to have one to 802 by Friday for approval.

Site visit / receipts starting to come in.

802 interest in Social

Straw Poll: Shall we have a social?

Yes - 8

No - 7

Possible Savings based on reducing the # building used. Attempt will be made to fit meetings into 2 buildings instead of 3 buildings.

No general hotel block for Geneva meeting. ITU Hotel List / Rate will be provided.

Straw Poll: Do we want an EC Room Block?

Yes - 1

No – 13

July 2012

doc.: IEEE 802 EC-12/00039r2

M5.17: Geneva 2013 Expectation

- **Still working on MOU**
 - Sent MOU, they are expected to return last week.
- **Site Visit scheduled for Sept 25-26, 2012**
- **Initial budget Projection (US\$50,596.25)**
 - Budget included a possible Social at \$75 per person
 - At \$75 per person estimate cost = \$52,875
 - If Social would cost more, then will not hold
 - We may choose not to hold in any case.
 - **Do we want a Social?**
 - Possible savings if we can reduce # buildings used
 - Will apply this week's meeting requests with Geneva site to check fit

Geneva 2013 Expectations – (cont)

- **No General Hotel Block – List of Hotels on ITU List**
- **Do we want EC Room Block?**
 - EC stay at same hotel?
- **Draft Budget next slide –**
- **Possible choices:**
 - No evening meetings
 - No F&B
 - No Social
- **Possible budget could reduce reserves:**
 - Up to \$300,000 may be needed for meeting

Strawpoll from Monday EC :

Do we want an EC Rom Block: 1 Yes, 13 No

Shall we have a social: 8 Yes, 7 No

Geneva Draft-2 Budget:

• Income:	\$315,750 – 705 attendance estimate
• Shipping	\$ 12,500
• Extra Security	\$ 9,000
• Get 802	\$ 52,875
• Misc onsite	\$ 10,000
• CCV Facility	\$ 39,965
• CICG Facility	\$ 9,115
• ITU Facility	\$ 3,300
• Network	\$ 27,000
• Mtg Planner fee	\$104,400
• Financial Fees	\$ 20,366
• Social	\$52,875
• Total expenses	\$366,346
	NET: \$50,596.25

5.18	MI	Confirmation of ITU-T Representative (JMessenger)	Nikolich	5	08:57 AM
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Motion

Motion to confirm John Messenger as the IEEE / ITU-T Representative

Moved Jeffree
second: Gilb
Results y/n/a 11/1/2
Motion Passes

Note - IEEE 802 is voting on this, as IEEE 802 is the only body for this.
Position description being developed by staff and will be distributed tomorrow morning.

5.19	DT	Reflector Configuration	Nikolich / Rosdahl	5	09:02 AM
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Rosdahl presented slides 10-14 of of ec-12-0039-02-00EC-exsec-agenda-items-july-2012.pptx,

File size allowed 5M, suggestion to change to 3M

Autopurge from list currently set to "25 in 100 days", suggest change to 10 errors in 10 days.

Rules needed to be changed to show ownership of the reflector.

Need to discuss this week and resolve.

July 2012

doc.: IEEE 802 EC-12/00039r2

M5.19: Reflector Configuration

- **Updated to current syntax**
- **Change new default to receive copy own message**
- **Change list to allow HTML links**

- **Would like to reduce Attachment size to 3m**
- **Would like to change to 10 errors in 10 days to auto-purge from list.**
 - Currently it is set at 25 in 100 days

Submission

Slide 10

Jon Rosdahl, CSR

July 2012

doc.: IEEE 802 EC-12/00039r2

M5.19: Reflector Configuration

- **Updated to current syntax**
- **Change new default to receive copy own message**
- **Change list to allow HTML links**

- **Would like to reduce Attachment size to 3m**
- **Would like to change to 10 errors in 10 days to auto-purge from list.**
 - Currently it is set at 25 in 100 days

Submission

Slide 10

Jon Rosdahl, CSR

Stds-802-SEC-ListServ properties and owners

<pre> * * ***** IEEE 802 Executive Committee List ***** * ListServ Configuration File for stds-802-sec * * .HH ON * * Misc-Options= IETFHDR SUBJECT_TAG * Daily-Threshold= 150 * Language= english,NOHTML * Attachments= Yes * Ack= Yes * Sizelim= 5000K * Notebook= No * Owner= jdambrosia@FORCE10LABS.COM,jrosdahl@ieee.org,Quiet: * Owner= gilb@ieee.org * Send= Private * Subject-Tag= "802SEC" * Subscription= By_Owner,Confirm * Review= Owner * LoopCheck= Full,Spam-Delay(10) * Auto-Delete= Yes,Semi-Auto,Delay(25),Max(100) * Safe= Yes * X-Tags= Yes * Confidential= Yes * Change-Log= Yes,Yearly * Filter= Also * Reply-to= Sender,Respect * Validate= Yes * Default-Options= NOACK,NOREPRO,IETFHDR * Digest= No * Sender= List * * .HH OFF </pre>	<pre> • *** IEEE stds-802-11 List *** * ListServ Configuration File for stds-802-11 * * .HH ON * * Sub-Lists= stds-802-11-ro * Sizelim= 1M * Change-Log= Yes,Yearly * Daily-Threshold= 150,20 * Notify= No * Attachments= All * Notebook= No * Owner= jrosdahl@ieee.org,Quiet,bkraemer@marvell.com * Owner= adrian.p.stephens@intel.com * Send= Private * Subscription= By_Owner * Review= Owner * LoopCheck= Full,Spam-Delay(5) * Auto-Delete= Yes,Full-Auto,Delay(5),Max(5),Probe(30) * Safe= Yes * X-Tags= Yes * Confidential= Yes * Filter= also * Reply-to= Sender,Respect * Validate= Yes,Confirm * Default-Options= REPRO,NOACK,SUBJECTHDR * Digest= No * .HH OFF </pre>
--	---

Warnings from old configuration

- The following problems have been detected in the list header:
 - * Language= ENGLISH,...
Warning: There is no message template file by that name. This option will have no effect until a message template file is installed by the LISTSERV administrator.
 - * Language= ...,NOHTML
Warning: The NOHTML option is deprecated and may be removed in a future version. Please use Misc-Options= DISCARD_HTML instead.

Please refer to the list keyword documentation (available via the INFO KEYWORDS command) for more information about keyword syntax.

Compare old vs new Config

- ```

***** IEEE 802 Executive Committee List *****
* ListServ Configuration File for stds-802-sec
*
* .HH ON
*
* Misc-Options= IETFHDR_SUBJECT_TAG
* Daily-Threshold= 150
* Language= english,NOHTML
* Attachments= Yes
* Ack= Yes
* Sizelim= 5000K
* Notebook= No
* Owner=
jdambrosia@FORCE10LABS.COM,jrosdahl@ieee.org,Quiet:
* Owner= gilb@ieee.org
* Send= Private
* Subject-Tag= "802SEC"
* Subscription= By_Owner,Confirm
* Review= Owner
* LoopCheck= Full,Spam-Delay(10)
* Auto-Delete= Yes,Semi-Auto,Delay(25),Max(100)
* Safe= Yes
* X-Tags= Yes
* Confidential= Yes
* Change-Log= Yes,Yearly
* Filter= Also
* Reply-to= Sender,Respect
* Validate= Yes
* Default-Options= NOACK,NOREPRO,IETFHDR
* Digest= No
* Sender= List
*
* .HH OFF

```

- ```

***** IEEE 802 Executive Committee List *****
* ListServ Configuration File for stds-802-sec
*
* .HH ON
*
* Misc-Options= IETFHDR_SUBJECT_TAG
* Ack= Yes
* Sender= List
* Subject-Tag= "802SEC"
* Sizelim= 5M
* Change-Log= Yes,Yearly
* Daily-Threshold= 150,20
* Notify= No
* Attachments= All
* Notebook= No
* Owner=
jdambrosia@FORCE10LABS.COM,jrosdahl@ieee.org,Quiet:
* Owner= gilb@ieee.org
* Send= Private
* Subscription= By_Owner,Confirm
* Review= Owner
* LoopCheck= Spam-Delay(10)
* Auto-Delete= Yes,Full-Auto,Delay(25),Max(100),Probe(30)
* Safe= Yes
* X-Tags= Yes
* Confidential= Yes
* Filter= Also
* Reply-to= Sender,Respect
* Validate= Yes,Confirm
* Default-Options= REPRO,NOACK,SUBJECTHDR
* Digest= No
* HH OFF
*

```

5.20	II	Host Guidelines status update	Rosdahl/Rigsbee	5	09:07 AM
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Rosdahl presented slide 15 of ec-12-0039-02-00EC-exsec-agenda-items-july-2012.pptx,

Document in draft state and being harmonized. Material that describes the nature of IEEE 802 meetings to be used for information purposes for bidding.

July 2012

doc.: IEEE 802 EC-12/00039r2

M5.20: Host Guidelines Status Update

- **Discussion on how to proceed.**
- **Bob H. prepared document to start**
- **Lisa working on updating**
- **Present to EC for Friday's Closing Mtg.**

5.21	II	Single copy sales of PDF status update	McCabe	5	09:12 AM
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McCabe presented Slides 2 - 10 from <https://mentor.ieee.org/802-ec/dcn/12/ec-12-0031-00-00SA-july-2012-plenary-sa-updates.pdf>

No objections to chair's request to move treasurer's report to be moved to after 5.27.

Discussion: Generally going good, positive trends, but need more time to allow to develop.

IEEE 802® Single Sales Update

IEEE 802 Opening EC

15 July 2012 Plenary

IEEE 802® Standards Micropayment Pilot

1 February 2012: Initiated a six-month pilot program to sell IEEE 802 standards and drafts at a micropayment level

Get IEEE 802 Program remains

Drivers for pilot

- Low units/sales of individual 802 standards and drafts
- Discussion between the 802 leadership and the SA regarding a pilot to help determine if micropayment will increase single sales of 802 standards and drafts (before they go into the Get Program)
- Experiment that will provide valuable data as we examine our standards pricing model and publication product pricing strategy

IEEE 802® Standards Micropayment Pilot

IEEE 802 individual standards in PDF sold at \$5 for the first six months upon their publication/before they enter the Get Program

- Drafts are Included In the pilot (but they are not Included In the Get Program)

IEEE 802 standards in Print of Demand (PoD) will be sold at \$99. Upon six months of publication, the SA and its distributors continue to sell POD versions while their PDF counterparts are accessible in the Get Program

There is no member discount/price

Excluded are: IEEE 802 redline standards and 802 standards packages

Total no. of units of PDFs sold needs to meet or exceed 5,600 by 30 July for pilot to continue to 31 Dec 2012

Product Team monitoring monthly sales/units

Marketing Team promoting pilot on an ongoing basis

IEEE 802® Standards Micropayment Pilot

215 IEEE 802 standards products for sale (Pre Get Program; Withdrawn and Superseded)

- 151 are PDFs @ \$5 (11 drafts)
- 64 are PoD/Print @ \$99

2,123 units sold to date (1 Feb to 30 June)

Approved standards selling over drafts

IEEE Standards Store

IEEE Standards Store	February 2012	March 2012	April 2012	May 2012	June 2012*	YTD
	Units	Units	Units	Units	Units	Units
PDF	278	212	247	417	334	
Print	1	0	1	1	0	
	279	212	248	418	334	
Drafts	34	32	36	46	48	
Standards	245	180	212	372	266	
	279	212	248	418	334	1491
*includes estimate for IEEE Standards Store AND Techstreet Distributor						

IEEE STANDARDS ASSOCIATION



IEEE Xplore (IEEE Shop)

IEEE Xplore	February 2012	March 2012	April 2012	May 2012	June 2012	YTD
	Units	Units	Units	Units	Units	Units
PDF	25	18	22	50	35	
Print	0	0	0	0	0	
	25	18	22	50	35	
Drafts	13	9	2	6	3	
Standards	12	9	20	44	32	
	25	18	22	50	35	150

IEEE STANDARDS ASSOCIATION



Distributors

Techstreet Distributor	February 2012 Units	March 2012 Units	April 2012 Units	May 2012 Units	June 2012 Units	YTD Units
PDF	114	26	133	116		
Print	2	0	0	2		
	116	26	133	118		
Drafts	18	2	48	7		
Standards	98	24	85	111		
	116	26	133	118		393
All Other Distributors	February 2012 Units	March 2012 Units	April 2012 Units	May 2012 Units	June 2012 Units	YTD Units
PDF						
Print						
	14	28	14	33		
Drafts						
Standards						
	14	28	14	33		89

IEEE STANDARDS ASSOCIATION



Top Sellers

IEEE Standards Store, Techstreet Distributor & IEEE Xplore		
Rank	Std #	Units
1	802.11-2012	498
2	802.15.4-2011	146
3	802.15.4g-2012	145
4	P802.11ac/D2.0, January 2012 - DRAFT	117
5	802.15.4e-2012	90
6	802.11s-2011	60
7	802.15.6-2012	53
8	P802.11ad/D8.0, May 2012 - DRAFT	47
9	802.1BA-2011	46
10	802.15.4f-2012	37

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5.22	II	Internet of Things Beijing Workshop summary	McCabe	5	09:17 AM
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McCabe presented Slides 11-13 from <https://mentor.ieee.org/802-ec/dcn/12/ec-12-0031-00-00SA-july-2012-plenary-sa-updates.pdf>

IEEE STANDARDS ASSOCIATION



IEEE-SA and CCSA Internet of Things (IoT) Workshop Summary

IEEE-SA and CCSA IoT Workshop

Co-hosted by IEEE-SA and China Communications Standards Association (CCSA)

5 July 2012

Beijing China

~200 attendees

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IoT Workshop Topics

Importance of M2M & IoT in Today's Business World

Development & Standardization of ITS in China

Standardization Ecosystem

M2M Applications for Intelligent Mining

Development & Prospect of M2M in China

IEEE & IEEE-SA Overview

Seeing the True Need for IoT from IEEE 802.16™ Product History

IEEE 1888 Family of Standards: Promoting Community Smart Energy

Convergent Networks & the Future of M2M Connectivity through IEEE P1905.1™

IEEE 2030® Smart Grid Standard

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5.23	II	Document publication priority update	McCabe/Nikolich	5	09:22 AM
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McCabe presented Slides 14-15 from <https://mentor.ieee.org/802-ec/dcn/12/ec-12-0031-00-00SA-july-2012-plenary-sa-updates.pdf>

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IEEE 802® Standards Document Production Update

Document Production Schedule

Published

Designation	Approval Date	Publication Date
IEEE Std 802.1aq™-2012	29 March 2012	29 June 2012
IEEE Std 802.1AXbk™-2012	29 March 2012	25 May 2012
IEEE Std 802.1Qbg™-2012	14 May 2012	5 July 2012
IEEE Std 802.11™-2012	6 February 2012	29 March 2012
IEEE Std 802.11aa™-2012	29 March 2012	29 May 2012
IEEE Std 802.11ae™-2012	29 March 2012	6 April 2012
IEEE Std 802.15.4e™-2012	6 February 2012	16 April 2012
IEEE Std 802.15.4f™-2012	6 February 2012	20 April 2012
IEEE Std 802.15.4g™-2012	29 March 2012	27 April 2012
IEEE Std 802.15.6™-2012	6 February 2012	29 February 2012
IEEE Std 802.21a™-2012	29 March 2012	3 May 2012
IEEE Std 802.21b™-2012	29 March 2012	10 May 2012

In Production

IEEE Std 802.16™-2012	8 June 2012	8 August 2012
IEEE Std 802.16.1™-2012	8 June 2012	9 September 2012
IEEE Std 802.1BR™-2012	14 May 2012	16 July 2012

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5.24	II	SA Internal Activities Update	McCabe	5	09:27 AM
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McCabe presented Slides 16-21 from <https://mentor.ieee.org/802-ec/dcn/12/ec-12-0031-00-00SA-july-2012-plenary-sa-updates.pdf>. Agenda Item 5.24 should be SA International Activities Update.

International Activities Update

JTC 1 Activities

JTC 1/SC 6

- Preparation for the September meeting underway
- Comments received from China and Switzerland on proposed "agreement"
 - Report provided under the 802 JTC 1 Standing Committee

ISO/IEC JTC 1/SC 31

- Address request from ISO/IEC JTC 1/SC 31 working groups regarding IEEE 802.15.4-2011 standards (amendments)
 - Waiting for more information from ISO and SC 31

ITU Activities

IEEE/ITU-T Joint Workshop

- Scheduled for 22 September at ITU Headquarters in Geneva

ITU-T TSAG

- Meeting held 2-4 July in Geneva
- IEEE-SA was represented

ITU Patent Roundtable

- Effectiveness of RAND-based patent policies
- Neutral venue for industry, standards bodies and regulators to exchange innovative ideas that can guide future discussions on whether current patent policies and existing industry practices adequately respond to the needs of the various stakeholders
- <http://www.itu.int/en/ITU-T/Workshops-and-Seminars/patent/Pages/default.aspx>

ITU-T and –R Technical Liaison Position Descriptions

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Other Activities

Development of an International Communications Plan

- Plan distributed to 802 EC for review and comment
- Comments received and changes in process

Research Completed

- 802 Meeting Participation by Country (Nov 2011 Mtg)
 - Overall 802 participation
 - WG participation w/voting rights captured
- 802 Balloting Data (2007 – 2011)

Possible tutorial – November 2012 Plenary

- DKE German Commission for Electrical, Electronic & Information Technologies of DIN and VDE on Ambient

Assisted Living

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IEEE-SA Outreaches - June

China

- China National Institute of Standardization (CNIS)
- China Electronics Standardization Institute (CESI)
- China Communications Standards Association (CCSA)
 - Exploring the possibility of hosting 802.3 Interim session in Beijing in September 2013

Japan

- Ministry of Internal Affairs and Communications/National Institution of Information and Communication Technology (MIC/NICT)
- Associations of Radio Industries and Businesses (ARIB)

IEEE-SA International Programs

<http://standards.ieee.org/develop/intl/>

For more information, contact:

Jodi Haasz

Standards Strategist, International Programs

j.haasz@ieee.org

5.25	II	Get IEEE 802 Update	McCabe	5	09:32 AM
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McCabe presented Slide 22-28 from <https://mentor.ieee.org/802-ec/dcn/12/ec-12-0031-00-00SA-july-2012-plenary-sa-updates.pdf>

No objection to asking individuals to voluntarily provide their email contact information.

Get IEEE 802® Program Update

Download Stats

Program total downloads to date (April 2003 to June 2012)	6,052,561
Program 2012 Year to Date downloads (Jan – June 2012)	193,819

User Type (April 2003 to July 2012)

User Type	Downloads
Academic/Student	2168025
Attorney/Legal	15501
Government	149891
Journalist	59338
Network Equipment Mfg	600196
Network Service Provider	4
Network Silicon Mfg	132892
Network Software Developer	383561
Other	906527
Private Network Service Provider	165608
Public Network Service Provider	384098
Silicon Mfg	2
Standards Developer	205212
Systems Admin	254507
Unknown	627199

New Program Entries

Standards added into program since
November 2011

- 802.15.7-2011.pdf - 802.1Qbc-2011.pdf
- 802.1Q-2011.pdf -802.1Qbe-2011.pdf
- 802.1Qaz-2011.pdf - 802.1AEbn-2011.pdf
- 802.1Qbb-2011.pdf
- 802.1BA-2011.pdf
- 802.11s-2011.pdf
- 802.17-2011.pdf
- 802.15.4-2011.pdf

Most Downloaded Standards

Most requested for download for January - June 2012

23422	802.11-2007.pdf	4138	802.1Q-2005.pdf
16180	802.3-2008.pdf	4059	802.15.4-2006.pdf
13707	802.11n-2009.pdf	3490	802.11p-2010.pdf
7876	802.3-2008.pdf	3429	802.3at-2009.pdf
5687	802.3-2008.pdf	3377	802.3ba-2010.pdf
5431	802.3-2008.pdf	3071	802.2-1998.pdf
5348	802.1D-2004.pdf	3015	802.1AX-2008.pdf
5267	802-2001.pdf	2661	802.1X-2010.pdf
5241	802.3-2008.pdf	2287	802.11k-2008.pdf
4760	802.16-2009.pdf	2105	802.15.4d-2009.pdf

Most requested for download for January - June 2012 (Continued)

2044	802.15.1-2005.pdf	1401	802a-2003.pdf
2033	802.1AB-2009.pdf	1365	802.1AE-2006.pdf
2009	802.3az-2010.pdf	1297	802.11y-2008.pdf
1937	802b-2004.pdf	1266	802.3-2002.pdf
1931	802.3av-2009.pdf	1255	802.11z-2010.pdf
1918	802.15.4-2003.pdf	1178	802.11u-2011.pdf
1695	802.16j-2009.pdf	1160	802.11v-2011.pdf
1586	802.11r-2008.pdf	1157	802.3af-2003.pdf
1544	802.16e-2005.pdf	1139	802.1AB-2005.pdf
1494	802.15.4a-2007.pdf	1105	802.1ad-2005.pdf
1465	802.11w-2009.pdf	1089	802.11g-2003.pdf
1462	802.11i-2004.pdf		
1458	802.11a-1999.pdf		
1455	802.3bc-2009.pdf		

Total Number of Downloads June 2012

USERS TYPES	DOWNLOADS
Academic/student	8087
Government	588
Journalist	416
Network equipment Manufacturer	2998
Network silicon manufacturer	786
Network software developer	2028
Other	3850
Private network service Provider	718
Public network service provider	1855
Standards developer	1018
Systems administrator	1126
Unknown	10
TOTAL	23480

5.27	II	802 e-tools status update	Boyce/Rosdahl	5	09:42 AM
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Boyce presented <https://mentor.ieee.org/802-ec/dcn/12/ec-12-0032-00-00SA-july-2012-plenary-etools-update.pdf>

Central Desktop Walking Sessions scheduled

- Wed 10:30 to 11:30
- 1:30 to 2:30
- Moshen A, Seacourt Tower, 3rd Floor

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Standards Development Solutions & ETools Update

IEEE 802® Opening EC

16 July 2012 Plenary

2012

- **Communications Plan (Jon R and Christina B)**
 - Meet monthly review/clarify/discuss issues & updates
 - 5 ePoll Tickets (under review)
 - 1 Mentor Ticket (under review)
 - 7 myProject Tickets (5 scheduled, 2 under review)
 - 3 IMAT Tickets (3 under review)
- **Recent changes (highlights)**
 - Manage Sponsor Ballot Activity : ability to view&modify request to start ballot
 - Sponsor Ballot Comment upload: Duplicate comment check
 - Sponsor Ballot Comments: Text change "Resolution Status" to "Disposition Status"
 - Sponsor Ballot Comments: user can edit comments

2012 - Update

- **myProject UI/UX strategy/planning**
 - Complete.
 - Next Steps: Business consideration and planning
- **Sponsor Ballot Offline Comment Resolution (David Law, Jon Rosdahl, Adrian Stephens)**
 - Development in process
 - Scheduled completion: September 2012
- **IMAT Recoding Team (Rick Alfvén, Jon Rosdahl, Adrian Stephens)**
 - Project complete

Central Desktop

- New collaboration tool
 - SaaS – enterprise edition
 - Document sharing and editing
 - Discussions, forums, blogs, notifications
 - Project management, tasks, reminders, assignment
 - Database, API support, granular user permissions
 - Extensive help, support, user forums, training
- Proof of Concept Jan-March 2012
 - Volunteer Participants : Adrian Stephens, Dennis Brophy, Don Wright, Sam Sciacca, Jim Hughes, Max Riegel, Daidi Zhong
- Centraldesktop.com

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QUESTIONS?

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

Submit Issues to : solutions-support@standards.ieee.org



Note: new email alias

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5.26	II	Treasurer's report	Chaplin	5	09:37 AM
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Chaplin presented from <https://mentor.ieee.org/802-ec/dcn/12/ec-12-0037-00-00EC-2012-07-16-treasurer-s-report.pdf>

San Diego Attendance 796 Planned 650, 6 people from University Outreach

Treasurer's Report

2012-07-16

2012 T1 Overview

Meeting Surplus/Loss	(\$80,837.00)
Other Income	\$1,257.90
Other Expenses	(\$5,953.92)

Net Change	(\$85,553.02)
Reserve	\$926,781.51
Petty Cash	\$2,000.00
Singapore Deposit	SGD 215,336.82

2012 T1 Meeting Waikoloa Income

IEEE Project 802									
Statement of Operations									
March 2012 Plenary Session									
Waikoloa									
As of 05 July 2012									
		Actual				Budget			
Income	Fee	Net	Net Amt	%	Net	Net Amt	%	Var	Var %
Pre-registration	\$ 800	1	\$ 800	0%	27	\$21,600	4%	(\$20,800)	-96%
Pre-registration (with discount)	\$ 500	450	\$ 225,000	61%	494	\$247,000	65%	(\$22,000)	-9%
Pre-Registration Early Cancellation	\$ (800)	0	\$ -	0%			0%		
Pre-Registration Early Cancellation (with discount)	\$ (500)	-8	\$ (4,000)	-1%			0%		
Pre-Registration Late Cancellation	\$ (700)	0	\$ -	0%			0%		
Pre-Registration Late Cancellation (with discount)	\$ (400)	-11	\$ (4,400)	-1%			0%		
Pre-Registration no-show	\$ -	-4	\$ -	0%			0%		
Web-registration	\$ 900	10	\$ 9,000	2%	24	\$21,600	3%	(\$12,600)	-58%
Web-registration (with discount)	\$ 600	185	\$ 111,000	30%	150	\$90,000	20%	\$21,000	23%
Web-registration Cancellation	\$ (800)	0	\$ -	0%			0%		
Web-registration Cancellation (with discount)	\$ (500)	-4	\$ (2,000)	-1%			0%		
Web-registration no-show	\$ -	-2	\$ -	0%			0%		
Onsite-registration	\$ 1,000	2	\$ 2,000	1%	24	\$24,000	3%	(\$22,000)	-32%
Onsite-registration (with discount)	\$ 700	40	\$ 33,000	9%	42	\$29,400	6%	\$4,200	14%
Student-registration	\$ 100	\$ -	\$ -	0%	0	\$0	0%	\$0	
Net Registration Income	\$ 570	667	\$ 371,000	86%	761	\$433,600	90%	(\$62,600)	-14%
Non-registration Income									
Deadbeat collections			\$ -	0%			0%	\$0	
Comps, Commissions & Discounts			\$ 59,897	14%		\$ 50,000	10%	\$9,897	20%
Other			\$ -	0%		\$ -	0%	\$0	
Total Session Income			\$ 430,897	14%		\$ 483,600	10%	(\$52,703)	-11%

2012 T1 Meeting Waikoloa Expense

IEEE Project 802									
Statement of Operations									
March 2012 Plenary Session									
Waikoloa									
As of 05 July 2012									
		Actual				Budget			
Expenses								Var	Var %
Audio Visual	\$ 25,975	5%		\$ 20,000	4%	\$5,975	30%		
Bank Charges		0%		\$ 900	0%	(\$900)	-100%		
Credit Card Discounts & Fees	\$ 19,159	4%		\$ 21,680	4%	(\$2,481)	-11%		
Equipment Expenses		0%		\$ 2,000	0%	(\$2,000)	-100%		
Get IEEE 802 Contribution (Net paid attendees * \$/5.00)	\$ 50,025	10%		\$ 57,075	10%	(\$7,050)	-12%		
Infrastructure		0%		\$ 7,000	1%	(\$7,000)	-100%		
Copier		0%			0%	\$0			
Electrical	\$ 7,806	2%		\$ 4,000	1%	\$3,806	95%		
Phone		0%		\$ 500	0%	(\$500)	-100%		
Reg Counters		0%		\$ 2,500	0%	(\$2,500)	-100%		
Meeting Administration	\$ 69,822	14%		\$ 76,870	14%	(\$6,945)	-9%		
Misc Meeting Expenses	\$ 1,516	0%		\$ 7,700	1%	(\$6,184)	-80%		
Audit		0%			0%	\$0			
Copying		0%		\$ 1,000	0%	(\$1,000)	-100%		
Hotel Rates	\$ 1,200	0%		\$ 1,500	0%	(\$300)	-20%		
Insurance		0%			0%	\$0			
Other: Keys, Wireless Interim proj.	\$ 316	0%		\$ 4,800	1%	(\$4,484)	-93%		
Supplies		0%		\$ 400	0%	(\$400)	-100%		
Networking	\$ 80,918	16%		\$ 86,600	16%	(\$5,682)	-7%		
Shipping	\$ 17,537	3%		\$ 20,000	4%	(\$2,463)	-12%		
Site Survey	\$ 6,419	1%		\$ -	0%	\$6,419			
Social	\$ 53,877	11%		\$ 87,515	16%	(\$33,535)	-38%		
Food & Beverage	\$ 89,452	17%		\$ 95,125	17%	(\$5,674)	-6%		
Lunches	\$ 96,759	19%		\$ 76,100	14%	\$20,699	27%		
Total Session Expenses	\$ 511,734	100%		\$ 557,065	100%	(\$45,331)	8%		
Net Session Surplus/(Loss)	\$ (80,837)			\$ (74,365)					
Lunch Subsidy	\$ (66,700)			\$ (76,100)					

2012 T1 Other Income

Interest	\$1,257.90
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2012 T1 Other Expenses

Cash Deposited Fee Reversal	\$40.00
802 January Interim LCDs	(\$4,800.00)
Checks for WFB Checking	(\$109.42)
J. Carlo: Flowers, donation	(\$367.42)
D. Loughry: Flowers, donation	(\$374.47)
M. Sherman, B. Grow: Gifts	(\$342.61)
Total	(\$5,953.92)

2012 T2 Overview Estimate

Meeting Surplus/Loss	\$172.50
Other Income	\$1,250.00
Other Expenses	(\$9,047.50)

Net Change	(\$7,625.00)

2012 T2 Meeting San Diego Income Estimate

IEEE Project 802										
Meeting Budget										
July 2012 Plenary Session										
San Diego										
As of 15 July 2012										
		Estimate				Budget			Var	Var %
Income	Fee	Net	Net Amt	%	Net	Net Amt	%			
Pre-registration	\$ 700	15	\$ 10,500	3%	10	\$7,000	2%	\$3,500	50%	
Pre-registration (with discount)	\$ 400	529	\$ 211,600	56%	450	\$180,000	69%	\$31,600	18%	
Pre-Registration Early Cancellation	\$ (700)	0	\$ -	0%			0%			
Pre-Registration Early Cancellation (with discount)	\$ (400)	-4	\$ (1,600)	0%			0%			
Pre-Registration Late Cancellation	\$ (600)	0	\$ -	0%			0%			
Pre-Registration Late Cancellation (with discount)	\$ (300)	-12	\$ (3,600)	-1%			0%			
Pre-Registration no-show	\$ -	-1	\$ -	0%			0%			
Web-registration	\$ 800	29	\$ 23,200	6%	10	\$8,000	2%	\$15,200	190%	
Web-registration (with discount)	\$ 500	209	\$ 104,500	25%	150	\$75,000	23%	\$29,500	39%	
Web-registration Cancellation	\$ (700)	0	\$ -	0%			0%			
Web-registration Cancellation (with discount)	\$ (400)	0	\$ -	0%			0%			
Web-registration no-show	\$ -	0	\$ -	0%			0%			
Onsite-registration	\$ 900	4	\$ 3,600	1%	5	\$4,500	1%	(\$900)	-20%	
Onsite-registration (with discount)	\$ 600	21	\$ 12,600	3%	25	\$15,000	4%	(\$2,400)	-16%	
Student-registration	\$ 100	0	\$ -	0%	0	\$0	0%			
University Outreach	\$ 25	6	\$ 150	0%	0	\$0	0%	\$150		
Net Registration Income	\$ 445	796	\$ 350,500	85%	650	\$289,500	83%	\$/1,450	25%	
Non-registration income										
Deadbeat collections			\$ -	0%			0%	\$0		
Comps, Commissions & Discounts			\$ 82,370	15%		\$ 60,000	17%	\$2,370	4%	
Other			\$ -	0%		\$ -	0%	\$0		
Total Session Income			\$ 423,320	15%		\$ 349,500	17%	\$73,820	21%	

2012 T2 Meeting San Diego Expense Estimate

IEEE Project 802									
Meeting Budget									
July 2012 Plenary Session									
San Diego									
As of 15 July 2012									
Expenses		Estimate			Budget			Var	Var %
Audio Visual		\$	22,500	5%		\$	20,000	6%	\$2,500 13%
Credit Card Discounts & Fees		\$	19,048	5%		\$	14,475	4%	\$4,573 32%
Equipment Expenses				0%		\$	-	0%	\$0 #DIV/0!
Get IEEE 802 Contribution (Net paid attendees * \$75.00)		\$	59,700	14%		\$	48,750	14%	\$10,950 22%
Infrastructure		\$	3,500	1%		\$	3,850	1%	(\$350) -9%
Copier		\$	-	0%				0%	\$0
Electrical		\$	1,000	0%		\$	1,500	0%	(\$500) -33%
Phone		\$	-	0%		\$	350	0%	(\$350) -100%
Reg Counters		\$	2,500	1%		\$	2,000	1%	\$500 25%
Meeting Administration		\$	77,000	18%		\$	62,000	17%	\$15,000 24%
Misc Meeting Expenses		\$	2,400	1%		\$	1,900	1%	\$500 26%
Audit		\$	-	0%		\$	-	0%	\$0
Copying		\$	200	0%		\$	200	0%	\$0 0%
Hotel Grats		\$	1,200	0%		\$	1,200	0%	\$0 0%
Insurance		\$	-	0%				0%	\$0
Other: Keys		\$	500	0%		\$	-	0%	\$500 #DIV/0!
Supplies		\$	500	0%		\$	500	0%	\$0 0%
Networking		\$	87,500	21%		\$	81,500	23%	\$6,000 7%
Shipping		\$	11,500	3%		\$	12,000	3%	(\$500) -4%
Site Survey		\$	-	0%		\$	-	0%	\$0
Social		\$	60,000	14%		\$	48,750	14%	\$11,250 23%
Food & Beverage		\$	80,000	19%		\$	67,000	19%	\$13,000 19%
Lunches				0%		\$	-	0%	\$0 #DIV/0!
Total Session Expense		\$	423,148	100%		\$	360,225	100%	\$62,923 17%
Net Session Surplus/(Loss)		\$	173			\$	(10,725)		

2012 T2 Other Income Estimate

Interest

\$1,250.00

2012 T2 Other Expenses Estimate

CPA Time (2011 reconstruction)	(\$2,047.50)
Audit for 2011	(\$6,000.00)
Other	(\$1,000.00)
Total	(\$9,047.50)

5.28	II	IEEE 802 University Outreach status update	Law	5	09:47 AM
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Law gave oral update. Review of authorization of funding for support of future meetings.

5.29	II	802 Overview and Architecture status update	Gilb	5	09:52 AM
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Gilb gave verbal update.

- Latest draft passed with 79% approval
 - 46 total comments
 - 15 technical
- Meeting Monday 1:30 to 3:30, : Mohsen B
- If not completed on Thursday, 10:30 to 12:30., : Mohsen B
- Expect to request going to conditional approval for sponsor ballot on Friday

5.31	II	Global Standards Update	Steve Mills	5	09:57 AM
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Mills gave verbal update and described draft letter, Global Open Standards Development Affirmation of Principles-20120629-clean.pdf

Draft to be sent to reflector on Global Standards. .

Mills requested Chair to set up a meeting Tuesday evening 9pm to 10pm George Bush to discuss draft.

Over the past several decades, the global economy has realized a huge bounty due to the Internet and World Wide Web. These could not have been possible without the innovations and standardization of the underlying technologies. Evidently, this standardization occurred with great speed and effectiveness only because of key characteristics of a new global standards paradigm. Accordingly, it is time to characterize the principles which have led to this success and to ensure acceptance of standards activities that adhere to these principles.

Global Open Standards Development – Affirmation of Principles

We embrace a new global standards paradigm where the economics of global markets, fueled by technological advancements, drive global deployment of standards regardless of their formal status.

In this paradigm, standards are developed through an open participatory process, voluntarily adopted globally, support interoperability and foster global competition. These voluntary standards serve as building blocks for products and services targeted at meeting the needs of the market and consumer, thereby driving innovation. Innovation in turn contributes to the creation of new markets and the growth and expansion of existing markets.

Participation in the new paradigm demands:

1. Respectful cooperation between standards development organizations (SDOs), whereby each respects the autonomy, integrity, processes and intellectual property rules of the others.
2. Adherence to the five fundamental principles of standards development of:
 - a. Due process - any materially interested party has the right to participate, allowing for equity and fairness among participants. Due process ensures that no one party dominates or guides the development, all interests are welcome to participate, the process is transparent and opportunities exist to appeal decisions;
 - b. Consensus - processes allow for all views to be considered and addressed, such that agreement to be found across a range of interests;
 - c. Transparency - advance provision of public notice of a proposed standards development activity, the scope of work to be undertaken, conditions for participation, provisions of a public comment period before final approval and adoption, and easily accessible records of decisions as well as the materials used in reaching those decisions;

- d. Balance – not exclusively dominated by any particular person, company or interest group.
- e. Openness – the standards development process is open to all interested and informed parties.

3. Commitment, by affirming SDOs and their participants, to collective empowerment by striving for standards that:

- are chosen and defined based on technical merit, as judged by the contributed expertise of each participant,
- provide global interoperability, scalability, stability and resiliency;
- enable global competition;
- serve as composable building blocks for further innovation; and
- contribute to the creation of global communities, benefiting humanity.

4. Open standards: standards that are developed through the five principles outlined above, are accessible to all for implementation and deployment under fair terms, and have a well-defined forum and process for periodic review and update as necessary.

5. Adoption of these standards is voluntary and success is determined by acceptance by the market.

By signing this statement, we affirm our support for and adherence to these principles.

5.31	DT	should the 802 EC acquire a telephone bridge for con calls?	Nikolich	5	10:02 AM
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No objections to postpone until after P&P

5.33	II	P&P update	Gilb	5	10:07 AM
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Gilb presented proposed changes to 802 Policies and Procedures. See <https://mentor.ieee.org/802-ec/dcn/12/ec-12-0022-01-00EC-july-pandp-suggested-changes.doc>

Motion:

Motion to approve Document EC-12-0022-01 as the changes to the 802 P&P

Moved: Gilb
 Second: Chaplin
 Results: Y/n/a 14/0/0

Discussion:

Agreed that it would be an editorial change to correct names of superior / inferior documents

This document contains suggested changes for the 802 Policies and Procedures.

3. Officers

Rationale for change: Cross referencing by subclause number leads to errors when we change the other document. Instead, refer to subclause titles.

3.1 Election or appointment of Sponsor officers

All appointed and elected positions become effective at the end of the plenary session where the appointment/election occurs. A plenary session is as defined in the [Plenary Sessions subclause of the IEEE 802 Operations Manual](#), ~~subclause 4.1~~. Prior to the end of that plenary session, persons that have been appointed/elected during the session are considered 'Acting', and do not vote. Persons who are succeeding someone that currently holds the position do not acquire any Sponsor rights until the close of the plenary session.

Rationale for change: The requirement is listed in two places. In the first instance it is in a subclause that applies to all officers, yet the requirement is only for the chair. Delete the first instance and carry the additional information into the second.

3.4 Responsibilities of officers

~~The Sponsor Chair shall ensure that those Sponsor-members who are not Chairs of active WGs have specific areas of interest to cover in order to encourage a wider view to be taken than that specifically covered by the Chairs of active WGs.~~

3.4.1 Chair

The responsibilities of the Chair include:

- a) Leading the activity according to all of the relevant policies and procedures
- b) Forming Study Groups, as necessary
- c) Appointing a person or group with responsibility for interpretations of all approved standards
- d) Being objective
- e) Entertaining motions, but not making motions
- f) Not biasing discussions
- g) Delegating necessary functions
- h) Ensuring that all parties have the opportunity to express their views
- i) Setting goals and deadlines and endeavoring to adhere to them
- j) Being knowledgeable in IEEE standards processes and parliamentary procedures and ensuring that the processes and procedures are followed
- k) Seeking consensus of the Sponsor as a means of resolving issues
- l) Prioritizing work to best serve the group and its goals

- m) Ensuring that the Sponsor and all subgroups comply with the [IEEE-SA Patent Policy](#)
- n) Chairing Sponsor and LMSC plenary meetings
- o) Representing the LMSC at SAB, IEEE-SA Standard Board, and other organizations as required
- p) Placing motions for votes by Sponsor members
- q) Supervise the operation of subgroups of the Sponsor
- r) Prioritizing objectives to best serve the Sponsor and its subgroups
- s) Taking other administrative actions as required for proper operation of the committee
- t) Ensuring that Sponsor members who are not Chairs of active WGs have specific areas of interest to cover [in order to encourage a wider view than that specifically covered by the Chairs of active WGs.](#)

3.4.2 Treasurer

Rationale for change: All other officers of the sponsor are referred to only by the name of the office and does not include "Sponsor".

The ~~Sponsor~~ Treasurer shall:

4. Membership

Make the following changes:

In addition, the LMSC Sponsor may include the following non-voting members:

Members Emeritus

Chairs of Hibernating WGs

Chairs of ECSGs

Acting positions (prior to confirmation)

Appointment to each non-voting membership position is subject to confirmation by the Sponsor.
The term for each of these positions ends at close of the first plenary session of each even numbered year.

Rationale for change: The current text is not clear regarding who is required to fill out the letter of endorsement. If it applies to voting and non-voting members, then it should be part of the top Clause. Otherwise, it should be clarified a being only "voting members"

Option A: Move to right before 4.1 the following text and modify as shown:

Any person to be confirmed ~~or elected~~ by the Sponsor shall, prior to confirmation ~~or election~~ by the Sponsor, file with the Recording Secretary a letter of endorsement from their supporting entity. This letter is to document several key factors relative to their participation on the Sponsor

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and is to be signed by both the Sponsor member and an individual who has management responsibility for the Sponsor member. This letter shall contain at least the following:

- a) Statement of qualification based on technical expertise to fulfill the assignment
- b) Statement of support for providing necessary resources (e.g., time, travel expenses to meetings), and
- c) Recognition that the individual is expected to act in accordance with the conditions stated in the Voting Guidance subclause 6.1 of the IEEE 802 Operations Manual ~~dealing with voting~~ "as both a professional and as an individual expert."

If an election or appointment is not confirmed by the Sponsor, the person last holding the position will continue to serve until confirmation of an election or appointment is achieved. Should that person be unable or unwilling to serve, the position may be left vacant, or filled by temporary appointment by the Sponsor Chair.

5.1 Working Groups

The IEEE 802 LMSC Working Group Policies and Procedures shall be used as the Policies and Procedures for 802 WGs and 802 TAGs. The requirements for the election and confirmation of WG officers is stated in the 802 LMSC Working Group Policies and Procedures.

Rationale for change: There is no subclause 5.1.1.2, hence there should not be a 5.1.1.1. So, delete the title and the paragraph becomes part of 5.1.1.1

5.1.1.1 ~~Sponsor Representation~~

Rationale for change: We do not use "day" and "calendar day" consistently. The assumption is that we are referring to "calendar days". This should be stated explicitly. Also, we generally refer to the officers without specifying "Sponsor" (except for "Sponsor Chair")

Change "calendar days" to be "days" in the P&P and also add a footnote at the first occurrence of "days" says:

Throughout this document, unless otherwise specified, the term "day" refers to a 24 hour period.

11.2 Appeal brief

The appellant shall file a written appeal brief with the ~~Sponsor~~ Recording Secretary within 30 days after the date of notification/occurrence of an action or at any time with respect to inaction. The appeal brief shall state the nature of the objection(s) including any resulting adverse effects, the clause(s) of the procedures or the standard(s) that are at issue, actions or inaction that are at issue, and the specific remedial action(s) that would satisfy the appellant's concerns. Previous

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5.1.1.2 Disbanding a WG¶

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After all standards, recommended practices, and Technical Reports for which a hibernating WG is responsible are withdrawn or transferred to another group or groups, a Sponsor electronic ballot of 30 calendar days minimum duration shall be conducted to determine whether the hibernating WG is to be disbanded.¶

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efforts to resolve the objection(s) and the outcome of each shall be noted. The appellant shall include complete documentation of all claims in the appeal brief. Within 20 days of receipt of the appeal brief, the ~~Sponsor~~ Recording Secretary shall send the appellant a written acknowledgment of receipt of the appeal brief, shall send the appellee (the Chair of the WG at issue or the Sponsor Chair) a copy of the appeal brief and acknowledgment, and shall send the parties a written notice of the time and location of the hearing ("hearing notice") with the appeals panel. The hearing with the appeals panel shall be scheduled at the location set for, and during the period of, the first Sponsor plenary session (nominally Wednesday evenings) that is at least 60 days after mailing of the hearing notice by the Sponsor Recording Secretary.

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11.3 Reply brief

Within 45 days after receipt of the hearing notice, the appellee should send the appellant and ~~Sponsor~~ Recording Secretary a written reply brief, specifically addressing each allegation of fact in the appeal brief to the extent of the appellee's knowledge. The appellee shall include complete documentation supporting all statements contained in the reply brief.

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11.6 Request for Re-hearing

The decision of the appeals panel shall become final 30 days after it is issued, unless one of the parties files a written notice of request for re-hearing prior to that date with the ~~Sponsor~~ Recording Secretary, in which case the decision of the appeals panel shall be stayed pending review by the Sponsor at its next meeting. At that time, the Sponsor shall decide

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- a) To adopt the report of the appeals panel, and thereby deny the request for re-hearing; or
- b) To direct the appeals panel to conduct a re-hearing.

Further complaints if a re-hearing is denied shall be referred to the Computer Society SAB.

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Rationale for change: The unchangeable portions of the P&P refer to the Sponsor Chair, hence this should be used consistently throughout. Change all occurrences of Chair to be Sponsor Chair when discussing the Sponsor Chair. (e.g., 3, 3.1, 3.2, 3.4.1, 3.4.2, 3.4.3, 4.2, 5.1.1.1.1. and 9.2).

Deleted: -> Revision of Sponsor P&P

Revisions to these P&P shall be submitted to the sponsor no less than 30 calendar days in advance of a motion (or conclusion of an electronic ballot) to approve them. Amendments in response to comments on the P&P are permitted. Insufficient time to consider complex amendments is a valid reason to vote disapprove. A motion to revise the Sponsor P&P shall require a vote of approve by at least two thirds of all members of the Sponsor.

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5.34	II	IEEE Charles Proteus Steinmetz Award	Jeffree / Heile	3	10:12 AM
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Heile gave verbal overview of IEEE Charles Proteus Steinmetz Award. Kraemer / Jeffree / Heile looking for possible candidates to propose for this award.

5.35					10:15 AM
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5.36	II	EC meeting schedule (rules, SA, etc.)	Nikolich	3	10:15 AM
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Nikolich gave verbal overview of schedule for week

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802 Task Force

- 802 Task Force, Thurs 10AM-Noon (room: George Bush)
 - Tentative agenda
 - 1. Single Copy Sales Channel--update (McCabe)
 - 2. getIEEE 802 update (McCabe)
 - 3. Legal/risk policy evolution update (McCabe)
 - 4. Contract execution status/cumbersome process (McCabe)
 - 5. IEEE SA Etools update (Boyce)
 - 6. Document publication priority update (Turner)
 - 7. International Activities Update (Haasz)
 - 8. New Managing Director starting 20AUG2012
 - 9. Any Other Business?
 - 10. Action item review – Nikolich
 - 11. Adjourn

Interim OCT 2012 EC meeting

- Schedule interim EC meeting for
 - Tuesday 09 OCT 2012 1-3PM ET

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EC meetings for the week

(meeting rooms: default-George Bush, else as specified below)

- Sunday 7:30-9:30pm LMSC Rules Review
- Monday 1:30-3:30pm 802 Architecture (room: Mohsen B)
- Monday 4-6pm 802 Smart Grid Study Group (room: Elizabeth D)
- Tuesday 8-9am University Outreach Orientation (room: Madeline CD)
- Tuesday noon-1pm Industry Connections discussion
- Tuesday 1:30pm-3:30pm JTC1/SC6 ad hoc (cross 802 related topics, in Windsor B)
- Tuesday 3pm-4pm July 2013 Geneva venue preparation
- Tuesday 4-6pm 802 Smart Grid Study Group (room: Elizabeth D)
- Tuesday 4-5pm University Outreach Feedback(room: Madeline CD)
- Tuesday 8-9pm Joint 802/IETF leadership meeting preparation
- Tuesday 9-10pm Global Standards Update discussion
- Wed noon-1pm Future Plenary Session Venue options review
- Wed 1:30pm-3:30pm JTC1/SC6 ad hoc (cross 802 related topics, in Windsor B)
- Wed 3:30-4:30pm open
- Wed 4-6pm 802 Smart Grid Study Group (room: Elizabeth D)
- Thursday 10:30-12:30pm 802 Architecture (room: Mohsen B)
- Thursday 10-noon IEEE 802 Task Force
- Thursday 1:30pm-3:30pm JTC1/SC6 ad hoc (cross 802 related topics, in Windsor B)
- Thursday 5-10pm Registration Authority Committee (SA BoG mtg, invite only)
- Friday 10am-11am open

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5.37					10:18 AM
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5.38	DT	ADJOURN SEC MEETING	Nikolich		10:30 AM
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ME - Motion, External MI - Motion, Internal
DT- Discussion Topic II - Information Item

Meeting adjourned 10:30

Respectfully submitted

John D’Ambrosia
IEEE 802 LMSC Recording Secretary