

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

Prepared by John D'Ambrosia, Recording Secretary

Monday, July 14, 2014 – 8:00 a.m.
All times Pacific Daylight Time (PDT)

Manchester Grand Hyatt
San Diego, CA, USA

EC members (or their representatives) present:

Paul Nikolich –	Chair, IEEE 802 LAN/MAN Standards Committee
Pat Thaler –	1 st Vice Chair, IEEE 802 LAN/MAN Standards Committee
James Gilb –	2 nd Vice Chair, IEEE 802 LAN/MAN Standards Committee, Chair, IEEE 802.24 Smart Grid TAG
Jon Rosdahl –	Executive Secretary, IEEE 802 LAN/MAN Standards Committee
John D'Ambrosia –	Recording Secretary, IEEE 802 LAN/MAN Standards Committee
Glenn Parsons –	Chair, IEEE 802.1 – HILI Working Group
David Law –	Chair, IEEE 802.3 – Ethernet Working Group
Adrian Stephens –	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
Chang-woo Pyo –	Representative (Vice Chair) IEEE 802.22 – Wireless RANs Working Group

Nonvoting EC members present:

Geoff Thompson –	Member Emeritus
Canchi Radhakrishna –	Chair, IEEE 802.20 – Mobile Broadband Wireless Access Working Group

EC members absent:

Clint Chaplin –	Treasurer, IEEE 802 LAN/MAN Standards Committee
Apurva Mody –	Chair, IEEE 802.22 – Wireless RANs Working Group

Nonvoting EC members absent:

John Lemon –	Chair, IEEE 802.17 – Resilient Packet Ring Working Group
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IEEE
Standards Project Authorization

1. August 21, 1979 Date of Meeting	Project No. 7204 7204
2. X / New Standard Revision of	Reformation of Withdrawal of
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 to 10/1sec) and within a local area (about 1000 feet up to 4 mi). 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
6. Proposed ANSI Committee X3	ANSI Panel or Dear Approver
7. Name of Group that will Write the Standard Microprocessor Standards Local Network	
8. Estimated Final Ballot Date December 1982	March 1983
9. Person Designated to Receive Communications and Conduct Liaison with Interested Bodies: Name: Paris Grabe Company: Tektronix, Inc. Address: P. O. Box 500, MS 58-188 Newport, OR 97177 (503) 644-0161 Ext. 6234 City: Newport State: OR Zip Code: 97177	
10. Submitted by: Name: Dr. Robert G. Stewart Company: Stewart Research Enterprises Address: 1658 Belvoir Drive Los Altos, CA 94022 (415) 941-6199 City: Los Altos State: CA Zip Code: 94022 Telephone: (415) 941-6199	

JUL 2014 IEEE 802 LMSC

draft04

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v06	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

URL: <https://mentor.ieee.org/802-ec/dcn/14/ec-14-0033-06-00EC-july-2014-opening-agenda.xlsx>

Meeting called to order at 8:00am

Apurva Mody had indicated via email that he would be late in arriving at meeting. Changwoo Pyo, 802.22 Vice Chair will be his representative.

2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	10	08:01 AM
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Discussion regarding agenda – none

* Motion #1	Move to approve agenda
Moved	DAmbrosia
Second	Gilb
Results	11-0-0
Motion	Passes
Reference	Agenda Item #2.00

v06		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)			
		Executive Session (\$\$ = executive session)			
1.00		MEETING CALLED TO ORDER	Nikolich	1	08:00 AM
2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	10	08:01 AM
2.01	II	Chair Announcements	Nikolich	5	08:11 AM
3.00	MI*	APPROVE Motion: Approve minutes of Mar 2014Opening Meeting, 2014_0316_Open_Minutes_R0.pdf	D'Ambrosia	0	08:16 AM
3.01	MI*	APPROVE Motion: Approve minutes of Mar 2014Opening Meeting, Executive Session, Public, 2014_0316_Exec_Minutes_Pub_V1.pdf	D'Ambrosia	0	08:16 AM
3.02	MI*	APPROVE Motion: Approve minutes of Mar 2014Opening Meeting, Executive Session, Private, 2014_0316_Exec_Minutes_Priv_V1.pdf	D'Ambrosia	0	08:16 AM
3.03	MI*	APPROVE Motion: Approve minutes of Mar 2014 Closing Meeting, 2014_0321_Close_Minutes_R2.pdf	D'Ambrosia	0	08:16 AM
3.04	MI*	APPROVE Motion: Approve minutes of 04 Jun conference call, 2014_06_03_Call_Minutes_R0.pdf	D'Ambrosia	0	08:16 AM
4.00	II	IEEE Staff Introductions	Nikolich	2	08:16 AM
4.01	MI*	APPROVE Motion: Confirmation of Fee Waivers for Staff and Invited Guests noted in Chair's Opening Report	Nikolich	0	08:18 AM
				0	08:18 AM
		LMSC items		0	08:18 AM
5.00		Chair's Opening Report	Nikolich	0	08:18 AM
5.01	II*	BoG Actions	Nikolich	0	08:18 AM
5.02	II*	Stds Board Actions (approved projects, standards, withdrawals)	Nikolich	0	08:18 AM
5.03	II*	LMSC Email Ballot Recap	Nikolich	0	08:18 AM
5.04	II*	Tutorial Schedule	Nikolich	0	08:18 AM
5.05	II*	List of Drafts to Sponsor Ballot	Nikolich	0	08:18 AM
5.06	II	List of Drafts to Revcom	Nikolich		08:18 AM
5.061	II	Draft Documents to EC Ballot	Nikolich	5	08:18 AM
5.07	II	PARS to NesCom	Nikolich	5	08:23 AM
5.08	II	Notice of Study Groups / pre-PAR activity under consideration/status of existing SGs	Nikolich	5	08:28 AM
5.081	II	Action Item recap: telecon and NOV2013 workshop	Nikolich	5	08:33 AM
5.082	II	EC Workshop: Proposed Agenda	Nikolich	5	08:38 AM
5.10		Officers / 802 Reports			08:43 AM
5.11	DT	P&P update	Gilb	5	08:43 AM
5.12	II	IEEE 802 Business Development Mission Update	D'Ambrosia	5	08:48 AM
5.13	II	Future venue contract status & Vendor Contract Renewal Status. (Note - Executive Session to be held tentatively Tuesday, 15-Jul, 7 to 8 am.)	Rosdahl	15	08:53 AM
5.14	II	Treasurer's report	Nikolich	5	09:08 AM
5.15	II	802 Task Force tentative agenda	Nikolich	5	09:13 AM

5.16	MI	802.24 Scope change discussion	Gilb	5	09:18 AM
5.17	II	802.16 - Review of WG projects schedules	Marks	15	09:23 AM
5.20		Standing Committee Reports			09:38 AM
5.21	II	802 JTC1 Standing Committee Status Report	Myles	5	09:38 AM
5.22	II	802 EC / ITU Standing Committee Status Report	Parsons	5	09:43 AM
5.23	II	IEEE 802 / IETF Standing Committee Status Report	Thaler	5	09:48 AM
5.24	II	Wireless Chairs Meeting Status Change	Stephens	10	09:53 AM
5.30		Liaison Reports			10:03 AM
5.31	II	1905.1 Liaison Request Update	Nikolich	5	10:03 AM
5.32	II	3GPP Outreach Status Report	Nikolich	5	10:08 AM
5.33	II	Transportation Standards Coordinating Committee status report	Nikolich	5	10:13 AM
5.40		IEEE-SA Reports			10:18 AM
5.41	II*	Document publication priority update	Turner		10:18 AM
5.42	II	IEEE Software Tool update	Boyce	5	10:18 AM
5.43	II*	Next Gen Publishing project terminated, any next steps?	Stephens	0	10:23 AM
5.44	II*	IEEE-SA Get IEEE 802 Update	Kim	0	10:23 AM
5.45	II*	IEEE-SA PR and Marketing Tracking Report	Kim	0	10:23 AM
5.46	II*	IEEE-SA Active Standards Report	Bennett	0	10:23 AM
5.47	II	Status of PatCom Policy Revision	Law	5	10:23 AM
5.50	II	EC meeting schedule (rules, SA, etc.)	Nikolich	3	10:28 AM
5.60	II	"Emerging Applications" BoF Update	Thaler	5	10:31 AM
5.61	II	Action Item Review	Nikolich / DAmbrosia	5	10:36 AM
5.62	II\$\$	Executive Session: Notice of PCO Ad hoc Process and 7 to 8am, Tuesday (7/14) EC Executive Session to consider PCO Ad hoc recommendation.	Rosdahl	10	10:41 AM
DT		ADJOURN SEC MEETING	Nikolich		10:30AM

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

Nikolich presented followed slides

2.01 Chair's Announcement

- Chair's opening remarks
 - In memoriam:
 - Hugh Barrass, 802.3
 - Craig Harmon, 802.15.5 and ISO/IEC
 - Patrick Melet, 802.15 and 802.24
 - Brian Misek, 802.3
 - Last items on agenda in executive session,
 - only EC members
 - if you're not an EC member, please leave promptly

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IEEE 802 Remembers Our Colleagues



Brian Misek



Hugh Barrass



Craig Harmon



Patrick Melet

"A fact of life we all die. But the positive impact you have on others will be a living legacy." Catherine Pulsifer

Brian Misek

A member of the 802.3 Working Group with participation in the development of the development of 40GbE and 100GbE projects (802.3ba, 802.3bm Task Forces)

Hugh Barrass

A long time member with a presence described by many as someone with a larger than life presence, Hugh contributed to 802.3 and 802.1. His participation in 802.3 was such, that his colleagues are more challenged to identified which projects he hasn't been involved in.

Craig Harmon

Craig's principal involvement was on the ISO/IEC side and was one of the primary interfaces to 802.15 for the adoption of 802.15.4 as an ISO/IEC standard under the PSDO process and then later in integrating content of 15.4e into 18000.7. We are saddened by his loss but will remember him as a passionate and outspoken advocate of good standards.

Patrick Melet

Active member of both 802.15 and 802.24. He participated in the development of 15.4g and was engaged in the current revision activity for 15.4 including as a member of the ballot resolution committee. His interest in Smartgrid carried him in the direction of 802.24 where he had just earned voting rights.

3.00	MI*	APPROVE Motion: Approve minutes of Mar 2014Opening Meeting, 2014_0316_Open_Minutes_R0.pdf	D'Ambrosia	0	08:16 AM
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Approved with approval of agenda-

Nikolich presented following slide

4.00 IEEE Staff supporting 802

- | | |
|--------------------|---|
| 1. Michelle Turner | Editorial Staff |
| 2. Lisa Perry: | Technical Program Development |
| 3. Kathryn Bennett | Technical Program Development |
| 4. Soo Kim | Technical Program Development |
| 5. Christina Boyce | Software Tools (Mentor, MyBallot, etc.) support |
| 6. Sam Sciacca | IEEE SA Director Technical Programs |

Invited Guests

- | | |
|------------------|---|
| 1. Alissa Cooper | Cisco, presenter at Pervasive Surveillance tutorial |
| 2. Ted Hardie | Google, presenter at Pervasive Surveillance tutorial |
| 3. Lynn Kennedy | WattStopper, presenter at BOF |
| 4. Mickael Viot | decaWave, presenter at BOF |
| 5. Chad Spooner | NW Research, Spectrum Occupancy Sensing Tutorial |
| 6. Erik Luter | National Instruments, Spectrum Occupancy Sensing Tutorial |
| 7. Anoop Gupta | Microsoft, Spectrum Occupancy Sensing Tutorial |
| 8. George Eisler | retired, longtime contributor to 802 |

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Sam Sciacca gave a verbal introduction of himself. Sam joined the SA staff as the director of technical programs in June 2014. He was a consultant to the SA on Smart Grid program for the previous year, and is an active member of the Power Engineering Society Transformers Subcommittee, and has been a member of the SA Standards Board and its subcommittees. He appreciated the opportunity to participate in this 802 plenary session to get a sense of how 802 conducts its standards development business

4.01	MI*	APPROVE Motion: Confirmation of Fee Waivers for Staff and Invited Guests noted in Chair's Opening Report	Nikolich	0	08:18 AM
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Approved with approval of agenda-

4.01 EC Affiliation Update

IEEE 802 Executive Committee Members

Position	Name	Affiliation
Chair	Paul Nikolich	Self-employed, YAS Broadband Ventures LLC, Samsung, Silver Spring Networks, Huawei, Intel, HP
First Vice Chair	Pat Thaler	Broadcom Corporation
Second Vice Chair	James P. K. Gilb	Tensorcom
Treasurer	Clint Chaplin	Samsung Electronics
Recording Secretary	John D'Ambrosia	Dell
Executive Secretary	Jon Rosdahl	CSR Technologies Inc.
P802.1 High Level Interface (HILL)	Glenn Parsons	Ericsson
P802.3 Ethernet	David Law	Hewlett Packard
P802.11 Wireless Local Area Network (WLAN)	Adrian Stephens	Intel Corporation
P802.15 Wireless Personal Area Network (WPAN)	Bob Heile	Wireless Communication Consulting, LLC., Zigbee Alliance
P802.16 Broadband Wireless Access	Roger Marks	EthAirNet Associates
P802.18 Radio Regulatory TAG	Mike Lynch	MJ Lynch and Associates LLC, Silver Spring Networks
P802.19 Wireless Coexistence	Steve Shellhammer	Qualcomm Incorporated
P802.21 Media-independent Handover	Subir Das	Applied Communication Sciences
P802.22 Wireless Regional Area Networks	Apurva Mody	BAE Systems
P802.24 Smart Grid TAG	James P. K. Gilb	Tensorcom
Member Emeritus	Geoff Thompson	GraCaSI Advisors

Hibernating Working Groups

Group	Chair's name	
P802.17 Resilient Packet Ring	John Lemon	self
P802.20 Mobile Broadband Wireless Access	Radhakrishna Canchi	Kyocera Communications, Inc.

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Marks indicated that he has another sponsor - ETRI (the Electronics and Telecommunications Research Institute, Korea).

4.01 EC Affiliation Update

- Changes in affiliation among EC members from previous slide?

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4.01 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

Consent Agenda item Mover: Second: __Y/ __N/ __A

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		LMSC items		0	08:18 AM
5.00		Chair's Opening Report	Nikolich	0	08:18 AM
5.01	II*	BoG Actions	Nikolich	0	08:18 AM

Approved with approval of agenda-

5.01 SA BoG Update

- BoG meeting 30 MAY 2014 in Mountain View CA
 - Glenn Parsons presented scope of IEEE 802 ITU standing committee and role it wants to take as part of IEEE-SA International SDO Task Group report out.
- next BoG meeting 04SEP2014, teleconference

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Approved with approval of agenda-

5.01 SA Standards Board Actions

Project Actions

New Projects: 27MAR2014: P802.1CF, P802.11ax, P802.15.3d, P802.15.4r

Modified PAR: 12JUN2014: P802.1Qcd, P802.3bp, P802.3bs

Revisions: 27MAR2014: 802.22 REV

Reaffirmations: none

Corrigendum: 27MAR2014: P802.1AB-2009/Cor 2

Withdrawals: none

Extensions: none

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5.01 SA Standards Board Actions

Standards Actions

New Standards: 27MAR2014: P802.1Qbp (Published 4/7/2014), P802.15.4m (Published 4/30/2014), P802.15.4p (Published 5/5/2014), P802.22a (Published 5/30/2014); 16MAY2014: P802.19.1 (Published 6/30/2014); 12JUN2014: P802.3bj (Target Publication 8/22/2014), P802.21c (Published 7/11/2014)

Revised Standards: 12JUN2014: P802 REV (Published 6/30/2014)

Reaffirmations: none

Corrigendum: none

Extensions: none

Withdrawals: none

Other Notes:
 1) June 2014 AudCom: clarifications have been made regarding Rules Suspension and Exec Session policy (Nikolich, Gilb, Thaler, Kraemer, participating)

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Approved with approval of agenda-

5.03 LMSC Email Ballot Recap

	<u>open date</u>	<u>topic</u>	<u>yes/no/abs/dnv</u>	<u>result</u>
1)	25APR	Confirm Kennedy as dot18 Vice Chair	11/00/03/00	pass
2)	16MAY	Approve 802 expert list for JTC1	10/00/00/04	pass
3)	20MAY	Approve dot3 100M TP SG press release	14/00/00/00	pass
4)	22MAY	Approve dot24 scope change	02/08/00/04	fail
5)	01JUL	Approve letter to Barrass family	13/00/00/03	pass

Approved with approval of agenda-

5.04 Tutorial/Information Schedule

Monday	Notes
6:00-7:30PM, sponsored by 802 Chair Paul Nikolich Pervasive Surveillance of Internet by Juan Carlos Zuniga et al	Room: Seaport FGH
7:30-9:00PM, sponsored by 802.22 Chair Apurva Mody Spectrum Occupancy Sensing by Anoop Gupta et al	Room: Seaport FGH
9:00-10:30PM, sponsored by 802 1 st Vice Chair Pat Thaler NETCONF/YANG Tutorial for the IEEE 802 by Andy Berman	Room: Seaport FGH
Tuesday	
7:30-9:30 PM, special 802.24 TAG meeting Nuts and Bolts of Internet of Things (NaB-IoT)	Room: Seaport C Continuation from March
Wednesday	
6:30-10:00PM Wednesday "Emerging Applications Birds of a Feather, hosted by 802 1 st Vice Chair Pat Thaler	Room: Seaport FGH Encourage cross-802 group discussion on new topics

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5.05	II*	List of Drafts to Sponsor Ballot	Nikolich	0	08:18 AM
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Approved with approval of agenda-

5.05 Drafts to Sponsor Ballot

1. 802.01:
2. 802.03: none:
3. 802.11: none:
4. 802.15: none:
5. 802.16: 802.16q Multi-tier Networks to sponsor ballot (conditional):
6. 802.19: none:
7. 802.21: 802.21d Multicast Management to sponsor ballot:
8. 802.22: none:
9. 802.24: none:

5.06	II	List of Drafts to Revcom	Nikolich	08:18 AM
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Nikolich presented the following slide

5.06 Drafts to RevCom

1. 802.01:
2. 802.03: none:
3. 802.11: none:
4. 802.15: none:
5. 802.16: none:
6. 802.19: none:
7. 802.21: none:
8. 802.22: none:
9. 802.24: none:

5.061	II	Draft Documents to EC Ballot	Nikolich	5	08:18 AM
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Nikolich presented following slide-

5.061 Draft Documents to EC Ballot

1. 802.00 response to 3GPP liaison:
2. 802.01:
3. 802.03: 25Gbps SG press release:
4. 802.11: two liaison statements, formation of wireless chairs standing committee
5. 802.15: none:
6. 802.16: liaison statement
7. 802.18: none:
8. 802.19: SG press release
9. 802.21: none:
10. 802.22: none:
11. 802.24: none<

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Other Activities for consideration this week

- 802.19 may have press release for consideration on Friday
- 802.16 liaison statement for consideration

5.07	II	PARS to NesCom	Nikolich	5	08:23 AM
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Nikolich presented following slides

5.07 Draft PARs to NesCom

1. 802.1ARce Secure Device Identity, Amd 1: SHA-384 & P-384 Elliptic Curve
2. 802.1AEcg MAC Security - Amendment: Ethernet Data Encryption devices
3. 802.3bv amendment, 1000 Mb/s Operation Over Plastic Optical Fiber
4. 802.3bw amendment, 1 Twisted Pair 100 Mb/s Ethernet
5. 802.11ah, Sub 1 GHz, PAR extension request
6. 802.11ai Fast initial link setup, PAR extension request
7. 802.15.4 amendment enabling Spectrum Resource Measurement
8. 802.22.3 Specifying Spectrum Occupancy Sensing (SOS) Measurement Devices and Means that Enable Coalescing the Results from Multiple Such Devices
9. Potential revision of 802.3

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Law indicated that there may be potential revision PAR for 802.3.

5.08	II	Notice of Study Groups / pre-PAR activity under consideration/status of existing SGs	Nikolich	5	08:28 AM
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Nikolich presented following slide (18)

5.08 Pre-PAR activity

Group	New	Existing
dot01	none<	
dot03	25Gb/s operation over a single lane SG:	100Mb/s on single TP SG, 1 st ext: Gigabit POF SG, 1 st ext:
dot11	Next Generation 60 GHz: Wireless Next Generation standing committee,	
dot15		Spectrum Resource Utilization SG (2nd ext): EU regional low data rate phy SG (1 st ext): Ranging protocol SG (1 st ext): Camera Communications SG (1 st ext): Interest Group: Enhanced Dependability:
dot16	Wireless SDN BoF:	
dot18		
dot19	Interest Group on Coexistence in Unlicensed Bands:	
dot21		
dot22		Study Group on Radio Environment Map (2nd ext)?:
dot24		
dotECSG	None:	None:

5.081	II	Action Item recap: telecon and NOV2013 workshop	Nikolich	5	08:33 AM
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Nikolich presented following slides and updated action items as noted.

5.081 EC Telecon AI recap 1-3pm ET 03JUN2014

- ~~Item #1.02 Related to Proposal for new IEEE-SA SCC type 2 -- SCC Transportation -- Action Item: Paul Nikolich will speak in favor at June Standards Board meeting of delaying any action on this request at this time.~~
- Item #2.00 Update on Action Items from March 2014 Closing Plenary
 - ~~Item 3.001 -- Marks to provide 802.16 report to the EC with detailed schedule for each of the projects, which shall be posted 1 week prior to the July 2014 Opening EC Meeting. Status: Ongoing~~
 - ~~Item 3.001 -- Thompson to supply draft language for a rules change regarding criteria for the confirmation of market relevance and vitality of WGs, their projects, potential re-assignment of projects and hibernation. Status: No action at this time. Thompson to provide language by July Plenary.~~
 - ~~Item 3.1 -- Gilb / D'Ambrosia -- Review rules regarding endorsement / affiliation letter requirements for temporary appointments. Status -- No action at this time. Language to be provided by July Plenary.~~
 - Item 3.1 -- Gilb - Review rules regarding endorsement / affiliation letter requirements for temporary appointments. Status -- No action at this time. Language to be provided by July Plenary.
 - Item 4.03 -- Thaler - Develop a process to capture EC approved CSDs and make publicly available for easy review. Status - Email proposal sent to reflector prior to meeting. Action Item: Thaler / D'Ambrosia to define process and webpage. To be complete 28 July 2014

5.081 EC Telecon AI recap

1-3pm ET 03JUN2014

- ~~Item #5.00 – Report on Working Group meetings – online vs face to face
Action item: Gilb provide written proposal (6/17) to address online vs face to face meetings. One for OM and one for WG P&P~~
- Item #8.01 2014 Nov 802 EC Workshop Action Item: Nikolich to take action item to work on proposed agenda for consideration by EC at July Plenary.
- ~~Item #8.02 – Update on BoF for July Action Item: D’Ambrosia / Thaler
conduct EC reflector ballot on fee waiver for presenters at BoF. Action Item:
Rosdahl / Thaler discuss BoF Logistics for July Plenary.~~
- Item #8.03 – Sept IEEE – IETF Leadership Meeting Update Action Item: All –
Provide feedback on topics to be addressed by Sept Meeting agenda. To be
complete 18 July 2014.

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- Item 3.001 Marks completed via email to reflector
- Item 3.001 Thompson submitted text for consideration at Rules Meeting. Consideration @ EC Workshop
- Item 3.1 Completed at Rules Meeting
- Item 3.1 on-going
- Item 4.03 Thaler / D’Ambrosia – webpage to be completed by July 28 (D’Ambrosia)
- Item 5.00 Gilb completed, presented at Rules meeting
- Item 8.01 Nikolich will have proposed agenda by end of week
- Item 8.03 The logistics for the meeting have been worked out, and contract has been signed. List of items have been identified for discussion. Draft agenda will be forwarded to the reflector by end of this week. Thaler indicated computer issues, so some potential delays.
- Slide #21 From EC Workshop
- 4.00 how to improve communications with IT. Stephens removed from action item. Thompson to champion recommendations for his view on steps to taken.
- 4.00 Reported by Marks WG Ballot Notice action – discussions have happened, but no action taken. Chaplin removed from action. Marks to suggest text for Gilb for november meeting.

9.00 Webex Pilot program – discussion with senior mgmt on how to recover cost to all of the working groups. It was determined that it would be handled internally.

5.081 NOV 2013

EC Workshop AIs

- ~~Item 4.07 Action Item – Rosdahl – Rosdahl to convene conference call of RFP committee PRIOR to November Plenary session~~
- ~~1.00) start next telecon 10 minutes earlier to give JohnD time to collect participant info; action JD, due next telecon~~
- 4.00/ws12-16 ~~Adrian and Geoff~~ to work on IT communications mechanism
- ~~4.00/ws12-22 PatT will issue IETF RFC 4441rev prior to March plen session~~
- ~~4.00/ws12-23 McCabe to confirm interest from IETF on developing a MOU what the essential terms&conditions may be~~
- 4.00/ws13-02 ~~Roger and Clint~~ to complete WG ballot notice action
- ~~3.00/Next gen pub, SA/WalterP to present status at March plen~~
- ~~3.00/Next gen pub, Adrian to add Gilb to 802 'list of reviewers'~~
- ~~5.00/march plen, Rosdahl/Heile if no Social sponsor by 14FEB, March WED social is cancelled, Jon/Bob to notify EC~~
- ~~6.00/march 2016 venue contract, Rosdahl to present summary to EC for approval at Mar plen~~
- ~~7.00/march 2015 venue bids, Rosdahl to present recommendation to EC for approval at Mar plen~~
- ~~8.00/rfp progress--no report, but action for Rosdahl to issue by 21mar~~
- ~~9.00/ webex pilot, Boyce to present results from SA "cost recovery model" deliberations, due 04MAY2014~~
- 9.00/ webex pilot, JR continues as 802 point of contact
- 12.00/ ~~Gilb to defer discussion of Reciprocal Credit to EC reflector and summarize results at March P&P mtg, implement at July plen~~
- ~~13.01/ TIwSB, Thaler to add "objectives" text to information on TIwSB~~

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5.081 Interim EC telecon OCT meeting notice

- Schedule interim EC meeting for
– 07OCT 1-3PM ET

22

Time: 8:32

5.082	II	EC Workshop: Proposed Agenda	Nikolich	5	08:38 AM
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Nikolich presented following slide. Ne indicated draft agenda will be completed by end of week.

5.082 EC 2014 Workshop items

- Tentatively:
 - Geoff: definition of market relevance
 - Geoff/James: address confidential communications policy/process
 - EC members: supply additional suggestions to Chair and Rec Sec
- Chair to present draft agenda for confirmation at closing EC

Time: 8:35

5.10		Officers / 802 Reports			08:43 AM
5.11	DT	P&P update	Gilb	5	08:43 AM

Gilb presented Doc # EC-14-0035-01. Changes made during discussion will be reflected in Doc # EC-14-0035-02 (which are shown below). Proposed changes will be brought up for motions on Friday closing meeting.

July 2014

ec-14-0035-02-00EC

Proposed rule changes for July 2014

Guidelines for IEEE-SA Meetings

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

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <http://standards.ieee.org/about/sasb/patcom/index.html>

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

This slide set is available
at <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt>

4.1.5 Revision of OM and WG P&P

- Revisions to these documents shall be submitted by a Sponsor member to the Sponsor no less than 30 day in advance of a Sponsor Vote to approve them. The Sponsor member proposing the revision may modify the proposed revision during the 30 days prior to a Sponsor Vote (in response to comments). Insufficient time to consider complex modifications is a valid reason to vote disapprove. A motion to revise these documents shall require a vote of approve by at least two thirds of all voting members of the Sponsor. Votes to approve revisions shall be taken at a plenary session. If approved, revisions become effective at the end of the plenary session where the votes were taken.
- We have 6 officers, 10 voting WG/TAG chairs (one overlap)
 - 15 voting members, 2/3 approval is 10 affirmative votes

OM proposed changes

4.1.4 Private letter ballot

- AudCom's response regarding private letter ballot is that it is not allowed.
- Therefore, delete subclause 4.1.4.

4.1.2 Clarify voting rules

- Comment received: “The OM voting rules should reference the P&P and not contradict them.”
- I found one overlap in the OM, 4.1.2 Voting Rules
- Delete from the OM, 4.1.2 Voting Rules the following: “The affirmative vote of a majority of all members of the Sponsor with voting rights is required for an electronic ballot to pass except when specified otherwise by the IEEE 802 LMSC P&P or this OM.”
- This is covered by the P&P in 7.1 Approval of an action.

4.1.2 Editorial issue

- In 4.1.2, change “to be reach in less than” to be “to be reached in less than”

5. WG electronic meetings

- Add the following text to Clause 5
 - All active IEEE 802 WGs shall meet face-to-face during each IEEE 802 Plenary session. All WG meetings shall only be face-to-face, electronic meetings are not allowed. Additionally, IEEE 802 TAGs are allowed to have electronic meetings to make decisions between meetings, but such meetings do not count for participation credit.
 - The WG Chair may designate specific individual experts who are allowed to participate in WG discussions via electronic means during a face-to-face meeting for the benefit of the group. These individuals are not considered to be attending the meeting and so they are not required to pay meeting fees and they do not get participation credit. The participation of these individuals should be limited to specific technical topics. Such participation shall be documented in the minutes of the WG meeting.

5.2.3 Missing word.

- Last sentence of 5.2.3, change as shown:
- “In all other cases where fees were collected for interim sessions, a WG shall prepare and submit all financial reports ...”

10.3 Plenary PAR review

- Our current text has a 5 pm deadline for submitting comments and responses
- However, our WGs often have meetings that last until 6 pm, which is now our traditional ending time for the day (other than evening sessions).
- Propose changing deadline to be 6:30 pm.
- Changes to 10.3:
 - “... by e-mail not later than ~~56:30~~ 6:30 p.m. on Tuesday of the plenary session.”
 - “... not later than ~~56:30~~ 6:30 p.m. on Wednesday of the plenary session.”

WG P&P proposed changes

7.2.3 Loss of voting rights

- Change the last sentence as shown:
 - If [membership is](#) lost per this subclause, membership is re-established as if the person were a new candidate member, [i.e., all previous participation credit is lost](#).
- Add the following sentence after the current paragraph
 - Persons who do not retain membership, as described in 7.2.2 Retention, lose membership but this does not cause the loss of previous participation credit.

Changes to Chair's Guidelines

Letter of affiliation

- The requirement for a letter of affiliation is not written down.
- Add new subclause to Clause 4 EC policy decisions
 - 4.5 Letter of affiliation
 - All members of the sponsor that are confirmed or elected, prior to confirmation or election, shall provide a signed letter that states their affiliation. This requirement may also be met by having an explicit statement of affiliation in the endorsement letter described in the “Voting membership” subclause of the IEEE LMSC Policies and Procedures. A statement of affiliation should be in the form of “For the purposes of IEEE 802, <potential Sponsor member's name>'s affiliation is <affiliation>.”

Review of the CSD by the WG

- Add the following as a new subclause to 4.
 - 4.6 WG review of the CSD
 - The requirement for the review of the CSD by the WG may be met by a motion that is passed by the WG that approves the CSD.

Chair asked if there were any objections to 802.24 Scope Change being moved up to this point in agenda. There were none.

5.16	MI	802.24 Scope change discussion	Gilb	5	09:18 AM
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Gilb presented - 24-14-0016-01 (<https://mentor.ieee.org/802.24/dcn/14/24-14-0016-01-0000-process-for-creating-new-tg.pdf>). Motion will be Friday for scope change.

May 2013

24-14-0016-00-0000

IEEE 802.24 Smart Grid TAG Procedure for starting a new TG

802.24 Smart Grid TAG

James Gilb (Tensorcom)

May 2013

24-14-0016-00-0000

Proposed new 802.24 scope

- IEEE 802.24 Vertical Applications TAG focuses on application categories that use IEEE 802 technology and are of interest to multiple IEEE 802 WGs and have been assigned to IEEE 802.24 by the IEEE Executive Committee.
- For those application categories, IEEE 802.24:
 - Acts as a liaison and point of contact with regulatory agencies, industry organizations, other SDOs, government agencies, IEEE societies, etc., for questions regarding the use of 802 standards in those emerging applications.
 - Develops white papers, guidelines, presentations and other documents that do not require a PAR that describe the application of 802 standards to those emerging applications
 - Acts as a resource for understanding 802 standards for certification efforts by industry bodies.
- NOTE: The horizontal technologies are applied to the vertical applications. IEEE 802.24 determines what makes that horizontal technology or what enhancements are required to make them more applicable to a specific vertical application.
- Examples of current and potential application categories are: Smart Grid, Machine to Machine (M2M), Internet of Things (IoT), Vehicular Networking.

802.24 Smart Grid TAG

Slide 2

James Gilb (Tensorcom)

New TG process (1)

- Schedule time for a presentation (the best is a tutorial slot) that describes the new application category. The presentation should be:
 - Application focused
 - Supported by multiple members and multiple companies
- If the response from the presentation is favorable, request from the IEEE 802.24 TAG the formation of a subgroup to write a TG scope document for that application category (the current form is 24-14-0014-01). Approval for forming a subgroup is a majority vote.
- When the subgroup has achieved consensus, get approval of the scope document from the IEEE 802.24 TAG. Approval requires a 75% majority vote according to the IEEE 802 LMSC Policies and Procedures.
- Submit the document to all IEEE 802 WGs for review following the rules for a PAR for a new project in the IEEE 802 LMSC Operations Manual.

New TG process (2)

- Get a motion in a minimum of 2 IEEE 802 WGs (not TAGs) that expresses support for adding this application category and that they will be active participants. The WGs that approve the motion should also identify specific topics of that application category that are relevant to that WG.
- Bring a motion to the EC to approve adding the area to IEEE 802.24.
- If the EC approves the formation of the TG, the TG may begin operation immediately.
- A TG is dissolved by a majority vote of the TAG.

Motion

- Moved: That IEEE 802.24 TAG approves document 24-14-0016-01 as the Task Group formation process to be forwarded to the EC for approval.
- Moved: Ramasastry
- Seconded: Beecher
- Vote: 8/0/1 y/n/a

Scope document

- 1) Scope – Provide a clear description of a specific application. The proposed application and area should be clearly bounded.
- 2) Customer – Who will benefit from the work product of the proposed TG? Is there a clear need for standards in this application space?
- 3) Similar groups – What are the liaison opportunities?
- 4) Broad market applicability – Will there be numerous users of the information? Does the application have broad applicability? Is it supported by multiple vendors?
- 5) Will it identify new ways that 802 standards can be integrated or applied across WGs?
- 6) Distinct identity – Is this area something already being addressed in 802? Does it require cross WG support?
- 7) Feasibility – The proposed work will serve the identified users. Initial work items have already been identified.

Time: 8:55

5.12	II	IEEE 802 Business Development Mission Update	D'Ambrosia	5	08:48 AM
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D'Ambrosia gave verbal report. Discussed efforts related to publicizing efforts related to Emerging applications BoF as well as IEEE 802 Web statistics.

Action Item D'Ambrosia to talk with Nikolich / Marks

Time: 8:57

5.13	II	Future venue contract status & Vendor Contract Renewal Status. (Note - Executive Session to be held tentatively Tuesday, 15-Jul, 7 to 8 am.)	Rosdahl	15	08:53 AM
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Rosdahl presented slides from <https://mentor.ieee.org/802-ec/dcn/14/ec-14-0044-01-00EC-exsec-agenda-items-july-2014.pptx>

Future venues discussion this week will occur.

11 members of the EC indicated that they would attend the Executive Session tomorrow morning.

It was requested that the Chair form a committee to discuss contract RFPs.

Action Item: Nikolich – appoint committee on network contract RFP.

July 2014

doc.: IEEE EC-14/0044r1

ExSec Agenda Items July 2014

Date: 2014-07-14

Authors:

Name	Affiliations	Address	Phone	email
Jon Rosdahl	CSR Technologies, Inc	10871 N 5750 W Highland, UT 84003	+1-801-492-4023	jrosdahl@ieee.org

Submission

Slide 1

Jon Rosdahl, CSR

Abstract

2014 July: Agenda Items for 802 Executive Secretary:

Monday:

- 5.14 Future venue contract status & Vendor Contract Renewal Status.
(Note - Executive Session to make a decision on contract award to be held Tuesday, 15-Jul, 7 to 8 am.)

IEEE 802 Plenary July 2014 – San Diego, CA –
Monday EC Plenary

AGENDA ITEM: 5.14

Agenda item: 5.14 Future venue contract status & Vendor Contract Renewal Status

- **Updated Future Venues File posted:**
 - [https://mentor.ieee.org/802-ec/dcn/12/ec-12-0040-07-00EC-802-plenary-future-venue-contract-status.xlsx](https://mentor.ieee.org/802-ec/dcn/12/ec-12-0040-07-00EC-802-<u>plenary-future-venue-contract-status.xlsx</u>)

- **Future Venues Discussion**
 - Meeting on Wed 8-10am – Banker Hill

- **Future Meeting Space allocation –**
 - Do not plan on more than 5 or 6 rooms in parallel.
 - Size: 100% -75% -50% -25% ~20 people
 - WG/TAGs less than 30 get only one room

Future 802 Sponsored Plenary and Interims

2014 Nov 2-7 – Grand Hyatt San Antonio, TX

2015 January 11-16 – Hyatt Regency Atlanta, GA

2015 March 8-13 – Estrel Hotel, Berlin, Germany

2015 July 12-17 – Hilton Waikoloa Village, HI

2015 Nov 8-13 – Hyatt Regency Dallas, TX

2016 January 17-22 – Hyatt Regency Atlanta, GA

Motion to Affirm Future Venues

Proposed Motion for Friday:

Motion to affirm the approval of the following
Venue locations:

– 2016 Nov– San Antonio, Texas

- Moved: Jon Rosdahl 2nd: Bob Heile

Time: 8:57

5.14	II	Treasurer's report	Nikolich	5	09:08 AM
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Rosdahl presented Treasurer's report. Thanks to Huawei for a 20K sponsorship for the Mar 2014 Beijing Plenary.

Treasurer's Report

2014-03-17

2013 T2 (May-Aug)

2013 T2 (May-Aug) Overview

Meeting Surplus/Loss	\$119,571.18
Other Income	\$740.42
Other Expenses	(\$0.00)

Net Change	\$120,311.60
General Reserve	\$909,205.11
NNA Venue Reserve	\$191,571.18
Petty Cash	\$2,000.00
Singapore Funds	SGD 215,336.82
Beijing Deposit	CNY 1,047,341.28
Singapore Funds USD As of 2013-08-31	\$168,902.22
Beijing Deposit USD As of 2013-08-31	\$171,226.52

2013 T2 General Reserve

General Reserve beginning	\$908,464.69
2013 T2 Interest	\$740.42
General Reserve end	\$909,205.11

2013 T2 NNA Reserve

NNA Reserve beginning	\$72,000.00
Geneva surplus/loss	\$119,571.18
NNA Reserve end	\$191,571.18

Beijing Deposit 1	(\$170,695.48)
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2013 T3 (Sep-Dec) Overview

Meeting Surplus/Loss	(\$8,444.58)
NNA Venue Setaside	\$84,900.00
Other Income	\$579.81
Other Expenses	(\$10,549.28)
Other NNA Expenses	(\$7,137.76)
Foreign Currency Gain/Loss	\$1,679.03

Net Change	\$61,027.22
Singapore Funds	SGD 215,337.17
Singapore Funds USD	\$170,581.25
As of 2013-12-31	

2013 T3 Meeting Results

Meeting Result	
Meeting Income	\$515,554.45
NNA Venue Setaside	-\$84,900.00
Meeting Expense	-\$439,099.03
Meeting Surplus/Loss	-\$8,444.58
Sponsorships	\$0.00
Net Meeting Surplus/Loss	-\$8,444.58

2013 T3 (Sep-Dec)

2013 T3 Other Income

Other Income	
Interest	\$579.81
Total Other Income	\$579.81

2013 T3 Other Expenses

Other Expenses	
802.24 Conference	-\$200.00
David Boggs (Ethernet Celebration)	-\$698.72
Equipment rack	-\$1,039.00
Hyatt (Ethernet Celebration)	-\$6,540.04
DVD-ROM production	-\$1,009.40
Gift to M. Lynch	-\$54.10
DVD-ROM shipping	-\$135.96
Furniture (Ethernet Celebration)	-\$872.06
Total Other Expense	-\$10,549.28

2013 T3 Other NNA Expenses

Other NNA Expenses	
Jon Rosdahl Barcelona Site Survey	-\$510.03
Face to Face Barcelona Site Survey	-\$4,952.55
Paul Nikolich Barcelona Site Survey	-\$1,675.18
Total Other NNA Expense	-\$7,137.76

2013 T3 Reserve

Reserves	Beginning	Change	End
USD General Reserve	\$909,205.11	(\$18,414.05)	\$890,791.06
NNA Reserve	\$190,865.59	\$77,762.24	\$268,627.83
General + NNA Reserve	\$1,100,070.70	\$59,348.19	\$1,159,418.89
Petty Cash	\$2,000.00	\$0.00	\$2,000.00
General + NNA + Petty Cash	\$1,102,070.70	\$59,348.19	\$1,161,418.89
Singapore Funds USD	\$168,902.22	\$1,679.03	\$170,581.25
Total Reserves	\$1,270,972.92	\$61,027.22	\$1,332,000.14

2013 T3 Committed Reserves

Committed Reserves	
China World Hotel Deposit	-\$350,472.01
Beijing Wire Transfer Fee (2)	-\$40.00
Face to Face Beijing Site Survey	-\$5,516.11
Robert Heile Beijing Site Survey	-\$1,210.86
Verilan Beijing Site Survey	-\$5,086.64
Jon Rosdahl Beijing Site Survey	-\$193.48
Total Committed Reserves	-\$362,519.10

2013

2013 Net Worth Change

2013-03 Meeting	(\$22,180.39)
2013-07 Meeting	\$118,865.59
2013-11 Meeting	(\$8,444.58)
2013 Income Other	\$2,132.00
2013 Expense Other	(\$10,609.48)
2013 NNA Expense Other	(\$7,137.76)
2013 NNA Venue Setaside	\$156,900.00
Change in Foreign Currency	(\$5,689.95)
Depreciation	(\$752.00)

2013 Net Worth Change	\$223,083.43

2013 Reserve

Reserves	Beginning	Change	End
USD General Reserve	\$929,893.51	(\$39,102.45)	\$890,791.06
NNA Reserve	\$0.00	\$268,627.83	\$268,627.83
General + NNA Reserve	\$929,893.51	\$229,525.38	\$1,159,418.89
Petty Cash	\$2,000.00	\$0.00	\$2,000.00
General + NNA + Petty Cash	\$931,893.51	\$229,525.38	\$1,161,418.89
Singapore Funds USD	\$176,271.20	(\$5,689.95)	\$170,581.25
Total Reserves	\$1,108,164.71	\$223,835.43	\$1,332,000.14

2014 T1 (Jan-Apr)

2014 T1 (Jan-Apr) Overview

Meeting Surplus/Loss	(\$403,975.75)
NNA Venue Setaside	\$0.00
Other Income	\$390.91
Other Expenses	(\$6,515.10)
Other NNA Expenses	(\$28,962.02)
Foreign Currency Gain/Loss	\$957.61

Net Change	(\$438,104.35)
Singapore Funds	SGD 215,337.17
Singapore Funds USD	\$171,538.86
As of 2014-04-30	

2014 T1 Meeting Results

Meeting Result	
Meeting Income	\$487,904.71
NNA Venue Setaside	\$0.00
Meeting Expense	-\$911,880.46
Meeting Surplus/Loss	-\$423,975.75
Sponsorships	\$20,000.00
Net Meeting Surplus/Loss	-\$403,975.75

2014 T1 Other Income

Other Income	
Interest	\$390.91
Total Other Income	\$390.91

2014 T1 Other Expenses

Other Expenses	
2012 Audit	-\$6,000.00
Gifts for Kraemer, Jeffree	-\$515.10
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
Total Other Expense	-\$6,515.10

2014 T1 Other NNA Expenses

Other NNA Expenses	
Verilan Site Survey Advance	-\$8,500.00
Face to Face Site Survey Advance	-\$3,972.12
Jon Rosdahl Site Survey Airfare	-\$1,493.65
James Gilb Site Survey Airfare	-\$1,394.60
Verilan Site Survey Final	-\$8,418.44
Face to Face Site Survey Final	-\$4,015.71
James Gilb Site Survey Expenses	-\$566.55
Jon Rosdahl Site Survey Expenses	-\$600.95
Total Other NNA Expense	-\$28,962.02

2014 T1 Reserve

Reserves	Beginning	Change	End
USD General Reserve	\$890,791.06	(\$6,124.19)	\$884,666.87
NNA Reserve	\$268,627.83	(\$432,937.77)	-\$164,309.94
General + NNA Reserve	\$1,159,418.89	(\$439,061.96)	\$720,356.93
Petty Cash	\$2,000.00	\$0.00	\$2,000.00
General + NNA + Petty Cash	\$1,161,418.89	(\$439,061.96)	\$722,356.93
Singapore Funds USD	\$170,581.25	\$957.61	\$171,538.86
Total Reserves	\$1,332,000.14	(\$438,104.35)	\$893,895.79

2014 T1 Committed Reserves

Committed Reserves	
Total Committed Reserves	\$0.00

2014 T2 (May-Aug)

2014 T2 (May-Aug) Overview Estimate

Meeting Surplus/Loss	(\$27,225.00)
NNA Venue Setaside	\$77,900.00
Other Income	\$400.00
Other Expenses	0.00
Other NNA Expenses	(\$2,339.15)
Foreign Currency Gain/Loss	\$0.00

Net Change	\$48,735.85
Singapore Funds	SGD 215,337.17
Singapore Funds USD	\$171,538.86
As of 2014-04-30	

2014 T2 Meeting Results Estimate

Meeting Result	
Meeting Income	\$494,825.00
NNA Venue Setaside	-\$77,900.00
Meeting Expense	-\$444,150.00
Meeting Surplus/Loss	-\$27,225.00
Sponsorships	\$0.00
Net Meeting Surplus/Loss	-\$27,225.00

2014 T2 Other Income Estimate

Other Income	
Interest	\$400.00
Total Other Income	\$400.00

2014 T2 Other Expenses Estimate

Other Expenses	
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
Total Other Expense	\$0.00

2014 T2 Other NNA Expenses Estimate

Other NNA Expenses	
Bob Heile Site Survey Expenses	-\$2,339.15
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
Total Other NNA Expense	-\$2,339.15

2014 T2 Reserve Estimate

Reserves	Beginning	Change	End
USD General Reserve	\$884,666.87	(\$26,825.00)	\$857,841.87
NNA Reserve	-\$164,309.94	\$75,560.85	-\$88,749.09
General + NNA Reserve	\$720,356.93	\$48,735.85	\$769,092.78
Petty Cash	\$2,000.00	\$0.00	\$2,000.00
General + NNA + Petty Cash	\$722,356.93	\$48,735.85	\$771,092.78
Singapore Funds USD	\$171,538.86	\$0.00	\$171,538.86
Total Reserves	\$893,895.79	\$48,735.85	\$942,631.64

2014 T2 Committed Reserves Estimate

Committed Reserves	
Total Committed Reserves	\$0.00

Other

Expense Motions

- Motion 2014-02-27
- Move to approve a first round site inspection trip to Asia for 1 person with an overall budget expenses expected less than \$6,000 (expenses to be shared equally with the IEEE 802.11/.15 Treasury) to reduce the current prospect list from 7 sites in Asia (2 in Bangkok, 2 in K-L, and 3 in Singapore) to 2-3 that have the highest potential as measured by space, cost, and network.
- The purpose of the trip includes:
- The site inspection would include review of all the meeting space, meeting room layouts, network capabilities, AV/power requirements, F&B specifications, security, staffing coordination, shipment arrangements and any other session considerations, including pricing and billing procedures.
- Standard Travel expenses (e.g. Coach Class Air travel, local transport, food and lodging) to be reimbursed. A Trip Report will be expected along with the expense report submission.
- Moved: Jon Rosdahl
- Seconded: Clint Chaplin
- Results 11-0-0
- Motion Passes

Final Total Expenses: \$2,339.15

Backup

2011

2011 Net Change

2011-03 Meeting	\$15,016.52
2011-07 Meeting	(\$49,166.24)
2011-11 Meeting	(\$8,000.00)
2011 Income Other	\$2,755.07
2011 Expenses Other	(\$31,563.06)
2011 Net Change	(\$49,147.28)

2012

2012 Net Worth Change

2012-03 Meeting	(\$80,777.00)
2012-07 Meeting	\$14,520.49
2012-11 Meeting	(\$1,125.50)
2012 Income Other	\$3,692.02
2012 Expense Other	(\$18,731.03)
Change in Foreign Currency	\$8,771.71
Depreciation	(\$752.00)
2012 Net Worth Change	(\$74,401.31)

2012 Reserve

Reserves	Beginning	Change	End
USD General Reserve	\$1,012,314.53	(\$82,421.02)	\$929,893.51
NNA Reserve	\$0.00	\$0.00	\$0.00
General + NNA Reserve	\$1,012,314.53	(\$82,421.02)	\$929,893.51
Petty Cash	\$2,000.00	\$0.00	\$2,000.00
General + NNA + Petty Cash	\$1,014,314.53	(\$82,421.02)	\$931,893.51
Singapore Funds USD	\$102,481.00	\$73,790.20	\$176,271.20
Total Reserves	\$1,116,795.53	(\$8,630.82)	\$1,108,164.71

5.15	II	802 Task Force tentative agenda	Nikolich	5	09:13 AM
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Nikolich presented the following slide

5.15 802 Task Force

- 802 Task Force, Thurs 10:30AM-12:30 (room: Bankers Hill)
 - Tentative agenda
 1. Status of IEEE feedback on indemnification clarification request, 5 min, Law
 2. 802/SA Roles and Responsibilities, 15 min, Gilb
 3. IEEE Internet Initiative, 15 min, McCabe
 4. SA tools re-architecture status update, 15 min, Boyce
 1. Mentor
 2. Everything else
 5. Web conferencing pilot program status—follow up on March Action Items, 5 min, Bennett/Rosdahl/Boyce
 6. Follow up on March Action Items from 802/SA relevant EC workshop items (e.g., 07DEC 802/SA mtg, 22JAN EC discussion, etc.)15 min, Nikolich
 7. Action item review – Nikolich
 8. Executive Session commences
 1. Get IEEE 802 program review, 30 minutes, Nikolich
 9. Adjourn

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Thompson / Gilb noted that they disagreed that the review of the Get IEEE 802 program review should be done in Executive Session.

Thompson stated that he feels that the last communication from the IEEE-SA on indemnification should be sent to the 802 EC reflector.

Nikolich – Add Topic of Receiving confidential Email should be a topic of discussion for Nov EC Workshop.

Time:9:20

5.17	II	802.16 - Review of WG projects schedules	Marks	15	09:23 AM
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Marks presented slides from 802.16-0048-00.

For 802.16r, no draft specification has never been generated, only a requirements document.

IEEE 802.16-14-0048-00-Gdoc

802.16 Project Activity Schedules

7 July 2014

Contents

- P802.16q Schedule
- P802.16r Schedule
- P802.16.3 Schedule

P802.16q Schedule (1/2)

- 2014-06-18: Sponsor Ballot Group Formed
 - 69 enrolled balloters
- 2014-04-02 to 2014-07-09: WG Letter Ballot
- 2014-07-14 to 2014-07-17: WG Session
- 2014-07-18: EC Conditional Approval to SB
- 2014-08-01 to 2014-08-16: WG LB Recirc a
- tbd: WG LB Ballot Resolution Telecon
- 2014-09-05 to 2014-09-20: WG LB Recirc b
- tbd: : WG LB Recirc c

P802.16q Schedule (2/2)

- 2014-09-26 to 2014-10-26: Sponsor Ballot
- 2014-11-03 to 2014-11-06: WG Session
- 2014-11-07 EC Conditional Approval (RevCom)
- 2014-11-14 to 2014-11-29: SB Recirc a
- tbd: Sponsor Ballot Resolution Telecon
- 2015-01-16: RevCom Submittal
- 2015-03 RevCom Approval
- 2015-03 IEEE-SA SB Approval
- 2015-04 IEEE-SA Publication

P802.16r Schedule (1/2)

- 2014-07-14: IEEE 802.16 Opening Plenary agrees on summary slides
- 2014-07-16: 802.16 WG Chair meets with 802.15 WG to present summary slides and discuss possible transfer of P802.16r to 802.15
- 2014-07-17: IEEE 802.16 Closing Plenary decision on withdrawal of PAR

P802.16r Schedule (2/2)

- 2014-09-15: IEEE 802.15 WG meeting
- 2014-10-07: IEEE 802 EC decision on withdrawal/transfer of PAR (telecon)
- 2014-10-20: deadline for PAR withdrawal/change submission to NesCom
- 2014-12-10: IEEE-SA Standards Board meeting

P802.16.3 Schedule (1/4)

- 2014-07-14: IEEE 802.16 Opening Plenary agrees on summary slides
- 2014-07-16: 802.16 WG Chair meets with 802.15 WG to present summary slides and discuss possible transfer of P802.16.3 to 802.15

P802.16.3 Schedule (2/4)

- 2014-07: complete IEEE 802.16.3 Architecture and Requirements for Mobile Broadband Network Performance Measurements
- 2014-07: call for contributions toward P802.16.3 draft
- 2014-08, 2014-09, 2014-10: teleconferences
- [2014-09 opportunity to meet with 802.15?]
- 2014-11-03 to 2014-11-06: WG Session
- 2014-11, 2014-12, 2015-01, 2015-02: teleconferences
- 2015-03: WG Session

P802.16.3 Schedule (3/4)

- 2015-03: WG decision to open WG LB
- 2015-03 to 2015-04: WG LB
- 2015-05: comment resolution
- 2015-06 to 2015-07: WG LB Recirc a
- 2015-07: EC Conditional Approval (SB)
- 2015-07: WG LB Recirc b

P802.16.3 Schedule (4/4)

- 2015-08 to 2015-09: Sponsor Ballot
- 2015-09: comment resolution
- 2015-10 to 2015-11: Sponsor Ballot Recirc a
- 2015-11: EC Conditional Approval (RevCom)

Opening Plenary for 802.16 is at 1:30, 7/14. Chair suggested interested parties attend to find out more information.

5.20		Standing Committee Reports			09:38 AM
5.21	II	802 JTC1 Standing Committee Status Report	Myles	5	09:38 AM

Myles presented the following slides.

July 2014 doc.: IEEE 802 ec-14-0042-00-00EC

IEEE 802 JTC1 Standing Committee opening report for IEEE 802 EC

14 July 2014

Authors:

Name	Company	Phone	email
Andrew Myles	Cisco	+61 2 84461010 +61 418 656587	amyles@cisco.com

Submission Slide 1 Andrew Myles, Cisco

July 2014 doc.: IEEE 802 ec-14-0042-00-00EC

This document is an IEEE 802 JTC1 Standing Committee opening status report for the IEEE 802 EC

- This report is a modified abstract of the agenda for the IEEE 802 JTC1 SC for the San Diego plenary meeting in July 2014
- It has been abstracted for the purpose of reporting to the IEEE 802 EC during its opening session
- The full agenda is available as 11-14/0795rX

Submission Slide 2 Andrew Myles, Cisco

The IEEE 802 JTC1 SC has three slots at the San Diego plenary meeting, but may only need 1-2 slots

Tuesday 15 July, PM1	Wednesday 16 July, PM1	Thursday 17 July, PM1
<ul style="list-style-type: none"> • Call to Order • Select recording secretary <- important! • Approve agenda • Conduct meeting according to agenda • Recess <p style="color: red; text-align: center;">802.1/3/15/22 reps should attend this session</p>	<ul style="list-style-type: none"> • Call to Order • Select recording secretary <- important! • Conduct meeting according to agenda • Recess 	<ul style="list-style-type: none"> • Call to Order • Select recording secretary <- important! • Conduct meeting according to agenda • Adjourn

Submission

Andrew Myles, Cisco

The IEEE 802 JTC1 SC has a detailed list of agenda items to be considered at the San Diego plenary meeting

Abstract ... in no particular order:

- Review status of SC6 interactions
 - Review liaisons of drafts to SC6
 - Should 802.1/3/22 send additional documents?
 - Should 802.15 use SC6?
 - Review notifications of projects to SC6
 - Most recent notification in April
 - Review status of FDIS ballots
 - Lots of success!
 - Need to obtain agreement from SC6 that 802.22 WG has responsibility for maintenance
- Prepare for SC meeting in London in October 2014
 - Discuss WLAN cloud & optimization proposals
 - Appoint delegation and organise materials

Submission

Slide 4

Andrew Myles, Cisco

IEEE 802 has pushed seven standards completely through the PSDO ratification process

IEEE 802 standard	60 day pre-ballot	5 month FDIS ballot	Comments resolved by IEEE
802.11	Passed(2012)	Passed in 2012	Liaised in Nov 2013
802.1X	Passed(2013)	Passed(21 Oct 2013)	Liaised in Jan 2014
802.1AE	Passed(2013)	Passed(21 Oct 2013)	Liaised in Jan 2014
802.1AB	Passed(May 2013)	Passed(18 Dec 2013)	Liaised in May 2014
802.1AR	Passed(May 2013)	Passed(18 Dec 2013)	Liaised in May 2014
802.1AS	Passed(May 2013)	Passed(18 Dec 2013)	Liaised in May 2014
802.3	Passed(2013)	Passed(16 Feb 2014)	Not required

IEEE 802 has six standards in the pipeline for ratification under the PSDO

IEEE 802 standard	60 day pre-ballot	5 month FDIS ballot	Comments resolved
802.11aa	Passed(Feb 2013)	Passed(28 Jan 2014)	FDIS ballot comments to be approved by IEEE 802 EC in July 2014
802.11ad	Passed(Feb 2013)	Passed(28 Jan 2014)	
802.11ae	Passed(Feb 2013)	Passed(28 Jan 2014)	
802.1AEbw	Passed(Jan 2014)	-	In 5 month ballot soon
802.1AEbn	Passed(Jan 2014)	-	In 5 month ballot soon
802.22	Passed(May 2014)	-	Waiting for comment resolution

Only recent activity related to TePA proposals were failed attempts in SC6 & SC27 to leverage Snowden

Proposal	Equivalent	Chinese standard? What type?	NP proposal in WG1?	Implemented?
TEPA-AC	Subset of 802.1X	Yes	Not yet	Not known
TLSec	Subset of 802.1AE	Not yet; BWIPS driving	Not yet	Yes, in lab
TAAA	802.16 security	No?	Not yet	Yes, in lab
WAPI	Subset of 802.11i based security	Yes	Yes, passed, but withdrawn	Yes, required in handsets & SP APs but rarely used
TISec	Subset/copy of IPSec	No?	Not yet (in WG7)	Not known

There is activity on WLAN cloud and optimization technology in WG7 that will be discussed this week

Proposal	Equivalent	Chinese standard?	NP proposal in WG1?	Implemented?
UHT	802.11n extension	Yes	No	Not known
EUHT	802.11ac competitor – really a LTE lite in unlicensed spectrum solution	Yes	No	Prototype
WLAN Cloud	Similar to existing functionality in APs or using HS2.0	No	PWI proposal in WG7	Not known
Optimization technology in WLAN	None obvious;	No	PWI proposal in WG7	Not known

The SC will be preparing for the next SC6 meeting in London in October

Meeting

- ISO/IEC JTC1/SC6

Host

- BSI

Date

- Week of 20-24 October 2014
(week after WFA meeting in Berlin)

Location

- Offices of BSI in London



The SC needs to

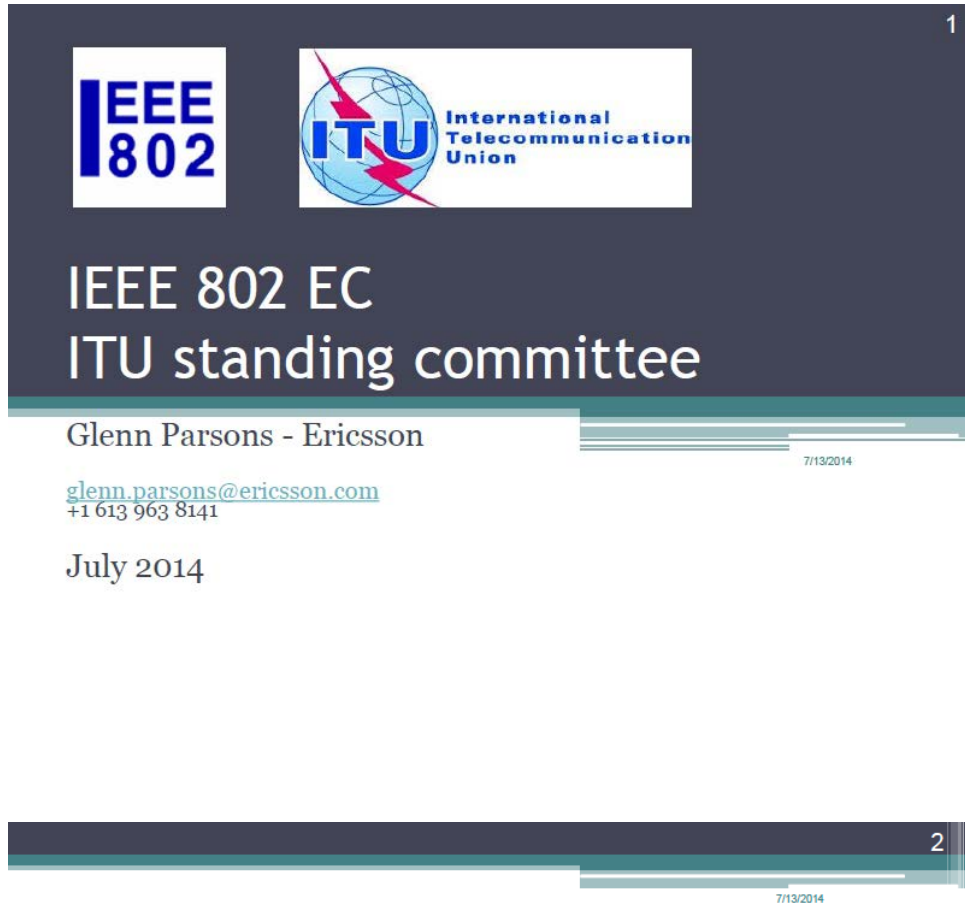
- Appoint and empower HoD
- Develop materials on IEEE 802
- Respond to SC6 documents

Most materials will be developed in September

802 should be considered for submission.

5.22	II	802 EC / ITU Standing Committee Status Report	Parsons	5	09:43 AM
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Parsons presented slides from ec-14-0046-00-INTL-itu-standing-committee-opening-ec-status. Parsons will send out notice with meeting location.(Cortez Hill C). Discussion regarding GSC / IEEE-SA Peer Relationship. This topic will be added to this meeting.



Background

- IEEE-SA is starting to engage more in International Standards governance and public policy
- ITU events in 2014
 - ITU-T Review Committee
 - ITU-T TSAG Cooperation & Collaboration rapporteur group
 - ITU-D World Telecom Development Conference (WTDC)
 - ITU World Summit on Information Society (WSIS+10)
 - ITU Plenipotentiary Conference
- IEEE-SA BOG – International SDO task group
 - Provide guidance for the relationship between IEEE-SA and ITU, IEC and ISO

Objective

- Provide IEEE 802 input into IEEE-SA engagements with ITU
- Receive updates on IEEE-SA engagements with ITU
- Do not interfere with existing technical liaisons to ITU-T (e.g., in 802.1, 802.3)
- Do not interfere with existing regulatory liaisons with ITU-R (e.g., in 802.18)

LMSC P&P section 5.6, item #2

<http://standards.ieee.org/about/sasb/audcom/pnp/LMSC.pdf>

- The subgroup is responsible for assisting the Sponsor (e.g., drafting all or a portion of a document, drafting responses to comments, drafting public statements on standards, or other purely advisory functions).

Summary of March meeting

- Any new agreement with ITU should be meaningful for IEEE. E.g.,
 - Mutual recognition as peers in regards to standards
 - Agreement after Plenipot
- IEEE 802, through this ITU SC, should lead prep meetings for upcoming ITU events for IEEE
 - Formalize current volunteer engagement
 - Summarize issues to be discussed per ITU event
 - IEEE-SA staff will provide a calendar of targeted ITU events that will be used to guide the agenda
 - Review proposed positions/contributions
 - IEEE-SA staff or volunteers may propose
 - Hold conference calls as needed between plenaries
- Reciprocal rights for 802 WGs – policy per home WG

July meeting plan

- Wednesday, 8-10am
- Update on IEEE-SA BOG International SDO advisory group
- Update on IEEE Internet Initiative
- Update on past ITU meetings
 - E.g., TSAG/RevCom, WTDC, WSIS+10
- Discussion of upcoming ITU meetings
 - E.g., Plenipot
- Should IEEE 802 have a position?
 - i.e., beyond any IEEE-SA position, or the involvement of individuals

Time: 9:50

5.23	II	IEEE 802 / IETF Standing Committee Status Report	Thaler	5	09:48 AM
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Thaler gave verbal update.

No issues currently

Discussion on F2F meeting and additional agenda items for September.

Moiton on Friday to request additional funding to cover IEEE 802 EC portion of Sept F2F meeting.

Thaler indicated next meeting for standing committee would be a teleconference in 2 weeks. Discussion meeting should be held Tues 4 to 4:30pm

5.24	II	Wireless Chairs Meeting Status Change	Stephens	10	09:53 AM
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Stephens showed the following slides. (Doc #EC14-0036-01 – Corrections made during presentation. -02 to be shown below). Two motions for Friday (See slides 10 & 11).

July 2014 doc.: IEEE 802 EC-14-0036-02

Formalizing the Wireless Chair’s Meeting

Date: 2014-07-13

Authors:

Name	Company	Address	Phone	email
Adrian Stephens	Intel Corporation			adrian.p.stephens@intel.com

Submission Slide 1 Adrian Stephens, Intel Corporation

July 2014 doc.: IEEE 802 EC-14-0036-02

Status of this document

- **R0 – 2014-06-30 is an initial, tentative draft for the Wireless Chairs’ meeting to review and improve.**
- **R1 – after 2014-07-14 review in Wireless Chairs’**

- **A straw poll “do you support this proposal”**
 - Result:14,0,2

Submission Slide 2 Adrian Stephens, Intel Corporation

Introduction

- **The “Wireless Chairs’ meeting” coordinates/manages all aspects of the operation of 802 Wireless Interims, including venue selection.**
- **It has been operating effectively, but informally.**
- **This submission proposes a formalization of that activity as a standing committee of the IEEE 802 EC.**

Issues with the current situation

- **Lack of transparency**
 - The meeting is posted on the room schedule, but is at a time when most members are not around. While members can come to the Wireless Chairs meeting and observe how decisions are taken, few do so.
 - The meeting takes no minutes and posts no agenda.
 - As a result, members have expressed criticism of “decisions being made behind closed doors”.
- **Non-compliance to “joint treasury” rules**
 - We are compliant to most of the requirements (i.e., the joint ECs of .11 and .15 do meet to make financial decisions), we are not compliant to the requirement to have a chair for this activity.
- **Lack of a chain of authorization**
 - IEEE indemnification needs a chain of authorization to determine whether an activity is authorized or not. The Wireless Chairs meeting is meeting an obvious need for coordination, but the meeting (and, in particular, any decisions it takes) has no apparent formal basis.

Proposal

- **This submission proposes that the EC create a “Wireless Chairs’ Standing Committee” to operate Wireless Interim meetings.**
 - The 802 LMSP&P require that “scope” and “duties” are identified for an “other subgroup”.
- **Scope**
 - The WC SC manages the operation of Wireless Interim meetings and provides a venue for the joint treasury of the wireless groups to meet and solicit input from non-joint treasury groups.
- **Duties**
 - The WC SC shall meet at least once per Wireless Interim session, 802 Plenary session and 802 Interim meeting. It shall make any necessary decisions related to the operation of the current and future Wireless Interim meeting(s).
 - The WC SC shall provide a venue for the joint treasury of the wireless groups to meet.
 - The WG SC shall post an agenda and minutes of its meetings.
- **The WC SC is an activity that “Assists the Sponsor” (type 2)**

Governing rules

- **IEEE 802 EC Standing committee is governed by LMSP&P 5.6 “Other subgroups”**
- **Operation of a joint working group treasury is governed by the IEEE 802 WG P&P 14.2**
- **The SC should also have its own operating manual to provide internal clarity as to its own processes.**

(In the following two slides, relevant portions have been underlines)

LMSC P&P 5.6 “Other subgroups”

The formation and disbandment of subgroups other than administrative subgroups (e.g., WGs, TAGs, technical subcommittees, and writing groups) require approval by a majority vote of the Sponsor. The Chair of a subgroup shall be appointed by the Sponsor Chair or decided by nomination and election. The scope and duties delegated to the subgroup shall be approved at the time the subgroup is formed, and subsequent changes in scope or duties shall also require approval by a majority vote of the Sponsor. The scope, duties, and membership of all subgroups shall be reviewed annually by the Sponsor. The charge to the subgroup shall clearly state which of the following complementary activities is appropriate:

- 1) The subgroup is responsible for the definitive content of one or more documents and for responding to views and objections thereon. Such subgroups shall maintain a membership roster and shall comply with the provisions for preparing standard(s).
- 2) The subgroup is responsible for assisting the Sponsor (e.g., drafting all or a portion of a document, drafting responses to comments, drafting public statements on standards, or other purely advisory functions).

IEEE 802 WG P&P 14.2 – Joint Treasury

Two or more WGs with the approval of the Sponsor, may operate with a single joint treasury. WGs that operate with a joint treasury shall have no other treasury. The merger of separate WG treasuries into a joint treasury or the splitting of a joint treasury into separate WG treasuries requires approval of the Sponsor. Each such action shall be supported by a motion from each of the involved WGs that requests the action and that has been approved by the WG.

The operation of a joint treasury is subject to the same rules as a WG operating with treasury with the following exception: The Executive Committee over seeing the joint treasury shall be a Joint Executive Committee that is the union of the Executive Committees of the WGs operating with the joint treasury. The Chair of the Joint EC shall be selected by the Joint Executive Committee and shall be the Chair of one of the participating WGs.

Motions

- **It is the intention of the author to bring the following motions to the Friday EC plenary.**
- **The second motion is based on the assumption that the EC chair appoints a member of the EC to the position of chair of the WC SC.**

Motion 1

- **Create an IEEE 802 executive committee (EC) standing committee (SC) called the “Wireless Chairs Standing Committee” (WC SC)**
 - with Scope and Duties as defined in document ec-14-0036r2
 - that is responsible for “Assisting the sponsor”, as described in the LMSC P&P 5.6

Motion 2

- **Confirm** <enter name here> as the chair of the Wireless Chairs Standing Committee.

5.30		Liaison Reports			10:03 AM
5.31	II	1905.1 Liaison Request Update	Nikolich	5	10:03 AM

Nikolich – no status update. Request has been made regarding sharing of documents. No response. Discussion regarding IEEE-SA helping to facilitate liaison relationships, but no new progress to report. During discussion it was indicated that 1905.1 begins Sponsor ballot tomorrow, 7/15, and it was noted 802 is ineligible to participate"

5.31 1905.1 Liaison response

- No response to 802's specific liaison requests (e.g., freely exchange documents) received
 - 22MAY 802 chair spoke with 1905.1 chair, requesting 1905.1 respond to 802's specific requests
 - 10JUN 1905.1 chair indicated 802's request for 1905.1 to respond to 802's specific requests would be discussed initially at their 27MAY mtg, then at their 19JUN mtg
 - 10JUL 802 chair hadn't yet received a response to the request, asked the 1905.1 chair to respond, as of 14JUL no response received
 - 802 chair recommends terminating attempts to establish a meaningful liaison with 1905.1 until positive feedback is received from the P1905.1WG

5.32	II	3GPP Outreach Status Report	Nikolich	5	10:08 AM
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Nikolich showed the following slide. Any interested parties should speak to Nikolich / Shellhammer. Tues afternoon meeting to be scheduled.

5.32 3GPP liaison response

- 3GPP responded to 802 MAR2014 request to review areas of mutual interest
 - 802 invited to give a presentation on 802's experience when dealing with coexistence in unlicensed spectrum (sometime in 4Q2014, need volunteer)
- 802.19 will host the preparation of a response, Tuesday 1:30-3:30, room: La Jolla A

Time: 10:05

5.33	II	Transportation Standards Coordinating Committee status report	Nikolich	5	10:13 AM
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Nikolich presented the following slide and gave a verbal update.

5.33 Transportation SCC status

- A request to establish a Transportation SCC at the June SASB meeting was tabled until the August SASB meeting

27

Time: 10:09

5.40		IEEE-SA Reports			10:18 AM
5.41	II*	Document publication priority update	Turner		10:18 AM

Approved with approval of agenda.

5.42	II	IEEE Software Tool update	Boyce	5	10:18 AM
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Will be discussed during 802 Task Force

5.43	II*	Next Gen Publishing project terminated, any next steps?	Stephens	0	10:23 AM
5.44	II*	IEEE-SA Get IEEE 802 Update	Kim	0	10:23 AM
5.45	II*	IEEE-SA PR and Marketing Tracking Report	Kim	0	10:23 AM
5.46	II*	IEEE-SA Active Standards Report	Bennett	0	10:23 AM

Approved with approval of agenda.

5.47	II	Status of PatCom Policy Revision	Law	5	10:23 AM
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Will be discussed during 802 Task Force

Time: 10:08

5.50	II	EC meeting schedule (rules, SA, etc.)	Nikolich	3	10:28 AM
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Nikolich presented the following slide

5.50 EC meetings for the week

(draft01)

Sunday 7:00-9:30pm	LMSC Rules Review (Bankers Hill)	
Mon 6:00-10:00pm 3	Tutorials (Seaport FGH)	
Tue 7-8am	PCO RFP review (executive session, Bankers Hill)	
Tue 8-9am	University Outreach Orientation (Promenade AB)	
Tue 1:30-3:30pm	prepare 3GPP liaison response (802.19/La Jolla A)	
Tue 1:30pm-3:30pm	JTC1/SC6 standing committee (Hillcrest CD)	
Tue 4:00pm-4:30pm	802/IETF standing committee (Bankers Hill)	
Tue 7:30-9:30pm	802.24 Nuts and Bolts of Internet of Things (Seaport C)	
Wed 8:00-10:00am	Future Venue details (Bankers Hill)	
Wed 8:00-10:00am	802/ITU Standing Committee (Cortez Hill C)	
Wed 1:30pm-3:30pm	JTC1/SC6 standing committee (Hillcrest CD)	
Thu 9:00-10:00	802 Chair's Open Office hour (Bankers Hill)	
Thu 10:30-12:00	IEEE 802 Task Force (Bankers Hill)	
Thu 12:00-12:30	get IEEE 802 program review (executive session, Bankers Hill)	
Thu 1:30pm-3:30pm	JTC1/SC6 standing committee (Hillcrest C)	
Fri 08am-noon	open	28

Time: 10:12

5.60	II	"Emerging Applications" BoF Update	Thaler	5	10:31 AM
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Thaler gave verbal update.

5.47	II	Status of PatCom Policy Revision	Law	5	10:23 AM
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During time for slow secretary to prepare – Law presented the following slides.



Outline

1. Impetus for the current review
2. Highlights of proposed modifications to the Patent Policy
3. Status of the process
4. Next steps

Enforcement Agencies Challenges to SDOs

- The U.S. DoJ had set out "[Six 'small' proposals for SDOs Before Lunch](#)" during the ITU-T Patent Roundtable in October 2012 as a challenge to SDOs to consider actions they could take to help promote competition among implementers of a standard.
- Similar concerns have been expressed by DG-Competition within the EC.

Proposed Change – Definition of Reasonable Rate

- “*Reasonable Rate*” shall mean appropriate compensation to the patent holder for the practice of an Essential Patent Claim excluding the value, if any, resulting from the inclusion of that Essential Patent Claim’s technology in the IEEE Standard. In addition, determination of such Reasonable Rates should include, but need not be limited to, the consideration of:
 - The value that the functionality of the claimed invention or inventive feature within the Essential Patent Claim contributes to the value of the relevant functionality of the smallest saleable Compliant Implementation that practices the Essential Patent Claim.
 - The value that the Essential Patent Claim contributes to the smallest saleable Compliant Implementation that practices that claim, in light of the value contributed by all Essential Patent Claims for the same IEEE Standard practiced in that Compliant Implementation.
 - Existing licenses covering use of the Essential Patent Claim, where such licenses were not obtained under the explicit or implicit threat of a Prohibitive Order, and where the circumstances and resulting licenses are otherwise sufficiently comparable to the circumstances of the contemplated license.
- “*Compliant Implementation*” shall mean any product (e.g., component, sub-assembly, or end-product) or service that conforms to any mandatory or optional portion of a normative clause of an IEEE Standard.

Proposed Change – Prohibitive Orders

- The Submitter of an Accepted LOA who has committed to make available a license for one or more Essential Patent Claims agrees that it shall neither seek nor seek to enforce a Prohibitive Order based on such Essential Patent Claim(s) in a jurisdiction unless the implementer fails to participate in, or to comply with the outcome of, an adjudication, including an affirming first-level appellate review, if sought by any party within applicable deadlines, in that jurisdiction by one or more courts that have the authority to: determine Reasonable Rates and other reasonable terms and conditions; adjudicate patent validity, enforceability, essentiality, and infringement; award monetary damages; and resolve any defenses and counterclaims. In jurisdictions where the failure to request a Prohibitive Order in a pleading waives the right to seek a Prohibitive Order at a later time, a Submitter may conditionally plead the right to seek a Prohibitive Order to preserve its right to do so later, if and when this policy’s conditions for seeking, or seeking to enforce, a Prohibitive Order are met.
- “*Prohibitive Order*” shall mean an interim or permanent injunction, exclusion order, or similar adjudicative directive that limits or prevents making, having made, using, selling, offering to sell, or importing a Compliant Implementation.

Proposed Change – Prohibitive Orders (continued)

- Nothing in this policy shall preclude a Submitter and an implementer from agreeing to arbitrate over patent validity, enforceability, essentiality, or infringement; Reasonable Rates or other reasonable licensing terms and conditions; compensation for unpaid past royalties or a future royalty rate; any defenses or counterclaims; reciprocal obligations; or any other issues that the parties choose to arbitrate.
- Nothing in this policy shall preclude a licensor and licensee from voluntarily negotiating any license under terms mutually agreeable to both parties.

Proposed Change – Reciprocal Licensing

- On a Letter of Assurance, the Submitter may indicate a condition of Reciprocal Licensing. If an Applicant requires compensation under Reciprocal Licensing to its Essential Patent Claims, then a Submitter may require compensation for its Essential Patent Claims from that Applicant even if the Submitter has otherwise indicated that it would make licenses available without compensation.
- The Submitter shall not condition a license on the Applicant's agreeing (a) to grant a license to any of the Applicant's Patent Claims that are not Essential Patent Claims for the referenced IEEE standard, or (b) to take a license for any of the Submitter's Patent Claims that are not Essential Patent Claims for the referenced IEEE standard.
- Nothing in this policy shall preclude a licensor and licensee from voluntarily negotiating any license under terms mutually agreeable to both parties.
- "*Reciprocal Licensing*" shall mean that the Submitter of an LOA has conditioned its granting of a license for its Essential Patent Claims upon the Applicant's agreement to grant a license to the Submitter with Reasonable Rates and other reasonable licensing terms and conditions to the Applicant's Essential Patent Claims, if any, for the referenced IEEE Standard, including any amendments, corrigenda, editions, and revisions. If an LOA references an amendment or corrigendum, the scope of reciprocity includes the base IEEE Standard and its amendments, corrigenda, editions, and revisions.

Status of the policy review process

- Information located at the IEEE-SA Patent Policy Dialogue web area (see http://grouper.ieee.org/groups/pp-dialog/drafts_comments/index.html)
- The work has been assigned to the 'Enforcement Agencies Challenges Ad Hoc' that reports to the IEEE-SA Standards Board Patent Committee (PatCom).
- The Ad Hoc has circulated 4 drafts for public review and comment.
- Comment period #1 closed on 20 September 2013.
 - 299 comments received. All were reviewed and received responses.
- Comment period #2 closed on 20 December 2013.
 - 139 comments received. All were reviewed and received responses.
- Comment period #3 closed on 06 April 2014.
 - 109 comments received. All were reviewed and received responses.
- Comment period #4 closed on 23 May 2014.
 - 133 comments received. All were reviewed.

Status of the policy review process

- PatCom discussed the draft Patent Policy changes at its 10 June 2014 meeting.
- PatCom voted to move the draft changes forward to the IEEE-SA Standards Board for approval consideration.

Next Steps

- The Standards Board will discuss the draft changes in August 2014.
- If the Standards Board approves the draft changes, the draft changes will be sent to the IEEE-SA Board of Governors for final approval.
- It is possible that final approval could occur within 2014.

5.47	II	Status of PatCom Policy Revision	Law	5	10:23 AM
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Will be discussed during 802 Task Force

5.61	II	Action Item Review	Nikolich / DAmbrosia	5	10:36 AM
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D'Ambrosia email list of action items asap.

Time: 10:25am

5.62	II\$\$	Executive Session: Notice of PCO Ad hoc Process and 7 to 8am, Tuesday (7/14) EC Executive Session to consider PCO Ad hoc recommendation.	Rosdahl	10	10:41 AM
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Apurva Mody resumed representation of 802.22.

The Chair asked that all non EC Members leave the room, leaving only EC Members Present. At that point the Executive Session began.

Rosdahl gave verbal preview of PCO Ad hoc Process and 7 to 8am, Tuesday (7/14) EC Executive Session to consider PCO Ad hoc recommendation.

Meeting adjourned approximately 10:45am.

Motion Summary

* Motion #1	Move to approve agenda
Moved	DAmbrosia
Second	Gilb
Results	11-0-0
Motion	Passes
Reference	Agenda Item #2.00

Action Items Summary

Action Items – July 14 Opening EC Meeting

Item 5.081

- Item 3.1 Gilb - Review rules regarding endorsement / affiliation letter requirements for temporary appointments. Status – No action at this time. Language to be provided by Nov Plenary.
- Item 4.03 Thaler / D'Ambrosia – webpage to be completed by July 28 (D'Ambrosia)
- Item 8.03 Sept IEEE / IETF Leadership Meeting – Thaler forward draft agenda will be forwarded to the reflector by end of this week.
- Item 4.00 Stephens removed from action item. Thompson to champion recommendations for his view on steps to taken.
- Item 4.00 Reported by Marks WG Ballot Notice action – discussions have happened, but no action taken. Chaplin removed from action. Marks to suggest text for WG Ballot Notice to Gilb for November meeting.

- Item 5.12 D'Ambrosia to speak with Nikolich / Marks about the formation of a Business Development Standing Committee.
- Item 5.13 Nikolich to appoint committee on network contract RFP.
- Item 5.15 Nikolich – Add Topic of Receiving confidential Email should be a topic of discussion for Nov EC Workshop.
- Item 5.23 Thaler indicated next meeting for standing committee would be a teleconference in 2 weeks. Discussion meeting should be held Tues 4 to 4:30pm
- Item 5.61 D'Ambrosia – send out summary of action items to EC Reflector 7/14.