

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

Prepared by John D'Ambrosia, Recording Secretary

Monday, March 18, 2013 – 8:00 a.m.  
All times Eastern Daylight Time (EDT)

Orlando, FL, USA

## 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,  
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  
Tony Jeffree – Chair, IEEE 802.1 – HILL 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  
Max Riegel, Chair, OmniRAN EC Study Group

## Nonvoting EC members present:

Geoff Thompson – Member Emeritus (nonvoting)

## EC members absent:

Clint Chaplin – Treasurer, IEEE 802 LAN/MAN Standards Committee

## Nonvoting EC members absent:

John Lemon – Chair, IEEE 802.17 – Resilient Packet Ring Working Group  
Canchi Radhakrishna – Chair, IEEE 802.20 – Mobile Broadband Wireless Access Working Group

v03		AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING			
		Monday 8:00AM -10:30AM			
Key:		ME - Motion, External, MI - Motion, Internal, DT- Discussion Topic, II - Information Item			
		Special Orders			
		Category (* = consent agenda)			
1.00		MEETING CALLED TO ORDER	Nikolich	1	08:00 AM

Meeting called to order at 8:00am

# MAR 2013 IEEE 802 LMSC

draft06

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

- Remove 5.02 from consent agenda
- Item 5.23 – Remove Myles. Haasz is sole presenter
- Item 5.19 – Currently, 0 min allocated, change to 5 min.

Motion#1:	Move to approve modified agenda
Moved	Law
Second	Lynch
Results	Approved by 14-0-0
Motion	Passes

## Approved Agenda shown below

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
2.00	MI	APPROVE OR MODIFY AGENDA	Nikolich	10	08:01 AM
3.00	MI*	APPROVE Minutes of Nov opening meeting, 2012_11_12_Open_Minutes_V2.pdf	Nikolich	0	08:11 AM
3.01	MI*	APPROVE Minutes of Nov closing meeting, 2012_11_16_closing_minutes_V1.pdf	Nikolich	0	08:11 AM
3.02	MI*	APPROVE Minutes of Feb conference call, 2013_02_05_Call_Minutes_V0.pdf	Nikolich	0	08:11 AM
4.01	II*	EC member affiliation updates	Nikolich	0	08:11 AM

4.02	II	IEEE Staff Introductions	Nikolich	2	08:11 AM
4.03	MI	Fee Waivers: Staff and Invited Guest TBD	Nikolich	2	08:13 AM
				0	08:15 AM
		LMSC items		0	08:15 AM
5.00	II	BoG Actions / RAC update	Nikolich / Parsons	5	08:15 AM
5.01	II*	Stds Board Actions (approved projects, standards, withdrawals)	Nikolich	0	08:20 AM
5.02	II*	LMSC Email Ballot Recap	Nikolich	5	08:20 AM
5.03	II*	LMSC Meeting Fee Waivers	Nikolich	0	08:25 AM
5.04	II	Tutorial Schedule	Nikolich	2	08:25 AM
5.05	II*	List of Drafts to Sponsor Ballot	Nikolich	0	08:27 AM
5.06	II*	List of Drafts to Revcom	Nikolich	0	08:27 AM
5.06.01	ME*	Approve document 22-12-0104-01 to be forwarded to SGIP as a SIF contribution from IEEE 802. The documents will be forwarded to Bill Ash to be transmitted to the appropriate individual in SGIP.	Gilb	0	08:27 AM
5.06.02	ME*	Approve document 24-13-0007-00 to be forwarded to to SGIP as SIF contributions from IEEE 802. The documents will be forwarded to Bill Ash to be transmitted to the appropriate individual in SGIP.	Gilb	0	08:27 AM
5.07	II	PARS to NesCom	Nikolich	5	08:27 AM
5.08	II	Notice of Study Groups / pre-PAR activity under consideration/status of existing SGs	Nikolich	5	08:32 AM
5.09	II	802 Overview and Architecture status update & Sponsor Ballot Results	Gilb	5	08:37 AM
5.10	II	Smart Grid TAG Update	Gilb	5	08:42 AM
5.10.01	II	OmniRAN ECSG Update	Riegel	5	08:47 AM
5.11	DT	P&P update	Gilb	5	08:52 AM
5.12	II	PR Update & Notices	D'Ambrosia	5	08:57 AM
5.13	II	Planning Activities - Ethernet 40th Celebration	D'Ambrosia	5	09:02 AM
5.14	II	802 JTC1 ad hoc update	Kraemer/Myles	5	09:07 AM
5.15	II	IEEE-SA Standard Board Draft Sharing Ad-Hoc	Diab	5	09:12 AM
5.16	II	Joint 802 / IETF March Meeting Follow-up & Action Review	Thaler	10	09:17 AM
5.17	II	Future venue contract status & Vendor Contract Renewal Status	Rosdahl	5	09:27 AM
5.18	II	Geneva 2013 Expectation	Rosdahl	5	09:32 AM
5.19	II	Central Desktop Update	Bennett	5	09:37 AM
5.20	II	Treasurer's report	Chaplin/Rosdahl	5	09:42 AM
5.21	II	IEEE 802 University Outreach status update	Law	5	09:47 AM
5.22	II	Document publication priority update	McCabe/Nikolich	3	09:52 AM
5.23	II	SA Global Activities Update	Haasz	5	09:55 AM
5.24	II	Get IEEE 802 Status & Budget Update	McCabe	5	10:00 AM
5.25	II	Open Stand Status / World Conference on International Telecommunications (WCIT-12) IEEE-SA Follow-on Actions	McCabe	5	10:05 AM
5.26	II	802 Task Force Tentative Agenda (Tentative Time Thursday 10am to Noon)	Nikolich	5	10:10 AM
5.27	II	EC meeting schedule (rules, SA, etc.)	Nikolich	3	10:15 AM
5.28	II	Action Item Review	Nikolich / DAmbrosia	15	10:18 AM
5.29					10:33 AM
5.30	DT	ADJOURN SEC MEETING	Nikolich		10:30AM
		ME - Motion, External      MI - Motion, Internal			
		DT- Discussion Topic      II - Information Item			

3.00	MI*	APPROVE Minutes of Nov opening meeting, 2012_11_12_Open_Minutes_V2.pdf	Nikolich	0	08:11 AM
3.01	MI*	APPROVE Minutes of Nov closing meeting, 2012_11_16_closing_minutes_V1.pdf	Nikolich	0	08:11 AM
3.02	MI*	APPROVE Minutes of Feb conference call, 2013_02_05_Call_Minutes_V0.pdf	Nikolich	0	08:11 AM
4.01	II*	EC member affiliation updates	Nikolich	0	08:11 AM

Approved with approval of agenda

## EC Affiliation Update

- Changes in affiliation among EC members

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4.02	II	IEEE Staff Introductions	Nikolich	2	08:11 AM
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Nikolich presented slide below. Introduced Meng Zhao, IEEE Staff, China Office representative, who is based in Beijing

## IEEE Staff supporting 802

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,	Standards Strategist
7. Christina Boyce:	Standard Solution Services (etools)	Manager
8. Meng Zhao	China office representative	?

## Invited Guest

1. Russ Housley per bi-directional arrangement with IETF

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4.03	MI	Fee Waivers: Staff and Invited Guest TBD	Nikolich	2	08:13 AM
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Nikolich spoke to invited guest (Russ Housley) noted in above slide. Housley was attending per bi-directional arrangement with IETF. He will be present Monday and Tuesday morning.

## 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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Motion#2:	Approve waiving of the registration fee for the above Staff and invited participants
Moved	Gilb
Second	Kraemer
Results	12-0-0
Motion	Passes

5.00	II	BoG Actions / RAC update	Nikolich / Parsons	5	08:15 AM
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Nikolich presented the following slides #7, #8, #9,

# SA BoG Update

- BoG and Standards Board committee members announced

Board of Governors (BOG): Mark Epstein Bruce Kraemer	Global Coordinating Committee - GCC (an ad hoc of SP&PMC): Bruce Kraemer Glenn Parsons	Standards Education Committee (SEC): Wael Diab	New Standards Committee (NesCom): Jon Rosdahl
Awards and Recognition Committee: Mark Epstein Jon Rosdahl	Registration Authority Committee (RAC): Clint Chaplin Bob Grow	Standards Board : Wael Diab David Law Gary Robinson Jon Rosdahl Adrian Stephens	Patent Committee: Wael Diab David Law
Corporate Advisory Group (CAG): Brad Booth [Dell] Wael Diab [Broadcom] Mark Epstein [Qualcomm]	Glenn Parsons Geoff Thompson	Advisory Committee: David Law Jon Rosdahl	Procedures Committee: David Law Jon Rosdahl
Strategic Planning & Portfolio Management (SP&PMC): Wael Diab Mark Epstein	Fellows: Mark Epstein Bob Grow Paul Nikolich Nominations & Appointments: Bob Grow	Industry Connections Committee (ICCom): Wael Diab David Law	Standards Review Committee (RevCom): Bruce Kraemer Adrian Stephens
			Audit Committee: Bruce Kraemer

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## SA BoG Update

- David Law elected Standards Board Vice Chair
- Bruce Kraemer and Dennis Brophy confirmed as a candidates for IEEE SA President for 2015-2016 term. Election commences August 2013.

## SA BoG update

- Internet of Things initiative soliciting input from Sponsors,
  - ML Nielsen and Dennis Brophy leading the initiative
    - Bruce Kraemer volunteered to be a “point of coordination” for the collection of 802 input this week. He will be available Thursday 9:30-10 in the Governors Boardroom to take input in person.

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## SA BoG update

- RAC status
  - Bob Grow is new RAC chair
  - Glenn Parsons is on the RAC as ‘past chair’
  - Glenn to provide additional status update info

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Kraemer to act as point of contact for co-ordination of input regarding Internet of Things initiative. It was suggested that time be found this week to discuss.

Parsons gave verbal update of #10.

### OUI Tiers restructuring.

The RAC has received the final report from the consultant hired by Staff. Preliminary discussions on direction have been made. An IETF internet draft (<http://tools.ietf.org/html/draft-ieee-rac-oui-restructuring-00>) was presented last week at the IETF meeting to solicit further input on the proposal. It is proposed to add new tiers for MAC addresses between 16M and 4k (notably 1M and

4M) . The RAC feels that one new level (1M) is sufficient. Another change in the OUI registry is to separate out company ID into its own registry (without including MAC addresses) – this is possible by setting the "X" bit. The RAC is reviewing to make sure that nothing is broken by these proposals.

Timeline – make recommendation shortly and will be put forward to BoG. Decision in May by BoG. Implementation is planned for beginning of 2014.

Of interest are two comments received from IETF

When will there be bridging between 48 and 64 bit MAC addresses -- there is no project for this. However, this is an 802.1 issue and not a RAC issue.

RFC 4941 for IPV6 link local addresses. One option is to create an IPv6 address from a random 64 bit host identifier based on an MD5 hash -- this does not interfere with the proposal.



5.01	II*	Stds Board Actions (approved projects, standards, withdrawals)	Nikolich	0	08:20 AM
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Approved with approval of agenda.

## Computer Society update

- Brian Kiernan receives 2013 Hans Karlsson Award--congratulations
  - nominate more 802 participants for awards!
- Encourage nomination of Senior Members for IEEE Fellow recognition

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Corrections to slide were noted (shown slide above includes corrections). Corrections included:

- Spelling of Bruce Kiernan slide
- Clarification of nomination noted in 2<sup>nd</sup> bullet

There is an “Fellows” ad hoc of the BoG. Discussion regarding adding an IEEE-SA category.

IEEE Fellow recognition is nominated, not applied for. Senior / Fellows can nominate senior members to IEEE Fellow.

Action Item – Pat Thaler to act as a contact point for listing Fellows involved in 802.

# SA Standards Board Actions

## **Project Actions (approvals DEC2012/JAN/MAR2013)**

**New Projects:** P802.1Qbz, P802.1Qca, P802.3bp, P802.11ak, P802.11aq, P802.15.4q, P802.16r, P802.21.1

**Modified PAR:** P802.3bj

**Revisions:** P802.21, P802.22

**Reaffirmations:** none

**Corrigendum:** P802.15.4-2201/Cor1

**Withdrawals:** none

**Extensions:** none

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# SA Standards Board Actions

## **Standards Actions (approvals DEC2012/JAN/MAR2013)**

**New Standards:** P802.1AEbw, P802.15.4j, P802.16.1a, P802.16n

**Revised Standards:** none

**Reaffirmations:** none

**Corrigendum:** none

**Extensions:** none

**Withdrawals:** none

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5.02	II*	LMSC Email Ballot Recap	Nikolich	5	08:20 AM
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Nikolich presented slide

## LMSC Email Ballot Recap

	<u>open date</u>	<u>topic</u>	<u>yes/no/abs/dnv</u>	<u>result</u>
1)	03DEC	P&P changes	14/00/00/01	pass
2)	24DEC	comments on FCC TV Band Auction	10/01/00/03	pass
3)	16JAN	802 contribution to ITU-R WP 5D	5 day review	no objections
4)	21JAN	Submit 802.11 to JTC1/SC6	13/00/00/01	pass
5)	29JAN	802.3 Min Latency PR	14/00/00/00	pass
6)	05FEB	comment on FCC 3.5GHz NPRM	13/00/00/01	pass
7)	06FEB	authorize 2013 JUL MOU with ITU	13/00/00/01	pass
8)	07FEB	temp meeting mgr contract	12/00/01/01	pass
9)	19FEB	802.22.2 PR	12/01/00/01	pass
10)	19FEB	802.22.1 PR	12/00/02/00	pass
11)	03MAR	reply comments on FCC TVB auction	12/00/00/01	pass
12)	pending	reply comments on FCC 3.5GHz NPRM tbd		pending

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Discussion regarding how statements should be issued to FCC.

Statements need to be issued.

Was requested that Chair makes a temporary ruling until a process can be identified.

Chair asked Gilb for verbiage for an interpretation. Discussion:

Both Chair and Mike Lynch names should be on responses.

Rules state that replies should be directed to Chair.

ITU documents do not apply, as IEEE sends documents to ITU.

Action Item Chairs 6:30 to 7:30 – Gilb / Lynch meet with Nikolich Monday night to resolve.

5.04	II	Tutorial Schedule	Nikolich	2	08:20 AM
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Nikolich presented Slide

## Tutorial/Information Schedule

Monday	notes
1) IEEE 802.1Q: Media Access Control Bridges and Virtual Bridged Local Area Network 6:00-7:30PM, sponsored by Paul Nikolich	
2) Shared 5 GHz bands update 7:30-9:00PM, sponsored by 802.11 WG Chair Bruce Kraemer	
3) open 9:00-10:30PM	
802 Chairman's 'open office hour' 6:00-7:30PM, sponsored by Paul Nikolich	Open invitation to discuss any 802 topic/issue/concern with Paul. Please stop in.

5.05	II*	List of Drafts to Sponsor Ballot	Nikolich	0	08:22 AM
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Approved with approval of agenda

## Draft Standards to Sponsor Ballot

1. 802.01: none
2. 802.03: none
3. 802.11: P802.11ac(conditional)
4. 802.15: none
5. 802.16: none
6. 802.19: none
7. 802.21: none
8. 802.22: none
9. 802.24: none

5.06	II*	List of Drafts to Revcom	Nikolich	0	08:22 AM
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Approved with approval of agenda

## Items for RevCom consideration

1. 802.01: conditional approval for P802.1AB Cor-1 and P802.1AS Cor-1; possibly also P802
2. 802.03: none
3. 802.11: none
4. 802.15: none
5. 802.16: P802.16n and P802.16.1a
6. 802.19: none
7. 802.21: tbd
8. 802.22: none
9. 802.24: none

5.06.01	ME*	Approve document 22-12-0104-01 to be forwarded to SGIP as a SIF contribution from IEEE 802. The documents will be forwarded to Bill Ash to be transmitted to the appropriate individual in SGIP.	Gilb	0	08:22 AM
5.06.02	ME*	Approve document 24-13-0007-00 to be forwarded to to SGIP as SIF contributions from IEEE 802. The documents will be forwarded to Bill Ash to be transmitted to the appropriate individual in SGIP.	Gilb	0	08:22 AM

Approved with approval of agenda

5.07	II	PARS to NesCom	Nikolich	5	08:22 AM
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Nikolich presented slide

## Draft PARs to NesCom

1. 802 - Standard for Overview and Architecture
  - PAR modification request
2. 802.1Qcb - amendment for Frame Replication and Elimination for Reliability
  - PAR and SC
3. 802.1AC (MAC service) maintenance PAR
4. 802.3bm - 40 Gb/s and 100 Gb/s Operation Over Fiber
  - PAR modification Request & Updated SC
5. 802.3bq - amendment for 40GBASE-T
  - PAR and SC
6. 802.15.4p Amendment: Physical Layer for Rail Communications and Control
  - PAR modification Request
7. 802.21c PAR extension request

Chair noted that comments on PAR due 5pm Tuesday, responses 5pm Wednesday

5.08	II	Notice of Study Groups / pre-PAR activity under consideration/status of existing SGs	Nikolich	5	08:27 AM
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Nikolich presented slide

## Pre-PAR activity

Group	New	Existing
dot01		
dot03		- Distinguished minimum latency traffic in a converged traffic environment SG (1 <sup>st</sup> ext.) - Next Generation BASE-T SG (2 <sup>nd</sup> ext.)
dot11	activities in Wireless Next Generation standing committee	
dot15		Interest Groups: Terahertz, LED Communications, Spectrum Resource Usage
dot16		
dot18		
dot19		
dot21		
dot22		
dot24		
dotEC SG		Extend OmniRAN ECSG until JUL2013

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5.09	II	802 Overview and Architecture status update & Sponsor Ballot Results	Gilb	5	08:32 AM
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Gilb gave verbal update.

Sponsor ballot in process, closes after meeting.. Approximately 115 comments this time to discuss this week. Meeting to be held this week. 1:30 to 3:30 M, 10:30 – 12:30 Thursday. Phone conference to resolve other comments. Issue with Monday time. Given that individuals from some groups can't attend – so focus of meeting will be to assign action items.

5.10	II	Smart Grid TAG Update	Gilb	5	08:37 AM
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Gilb gave verbal update.

Added a session on Tuesday PM1 – joint phone conference with PAP. Announced via email to EC reflector.

Filing for FCC to be done



5.10.01	II	OmniRAN ECSG Update	Riegel	5	08:42 AM
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Riegel presented OmniRAN 13-0015-00-ecsg

<https://mentor.ieee.org/omniran/dcn/13/omniran-13-0015-00-ecsg-march-2013-opening-report.pptx>

OmniRan-13-0015-00-ecsg

## OmniRAN EC SG March 2013 Opening Report

Chair:  
Max Riegel, NSN

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OmniRan-13-0015-00-ecsg

## OmniRAN ECSG Status

- Officers:
  - Chair: Max Riegel, NSN
  - Vice chair: Juan Carlos Zuniga, Interdigital
- Participation (so far):
  - About 30 participants in initial session in January
  - 1 hour conference call on Feb 28<sup>th</sup> with 6 participants
- Liaisons with call for contributions sent to IETF, 3GPP, WFA, WMF, CableLabs, BBF, SCF and ISPO Alliance
- Presentation in joint IETF/IEEE 802 workshop
- Schedule for the week
  - 4 meetings:
    - Tue, 1030-1230 & 1330-1530
    - Wed, 1330-1530
    - Thur, 1330-1530
  - Room: Boca 6

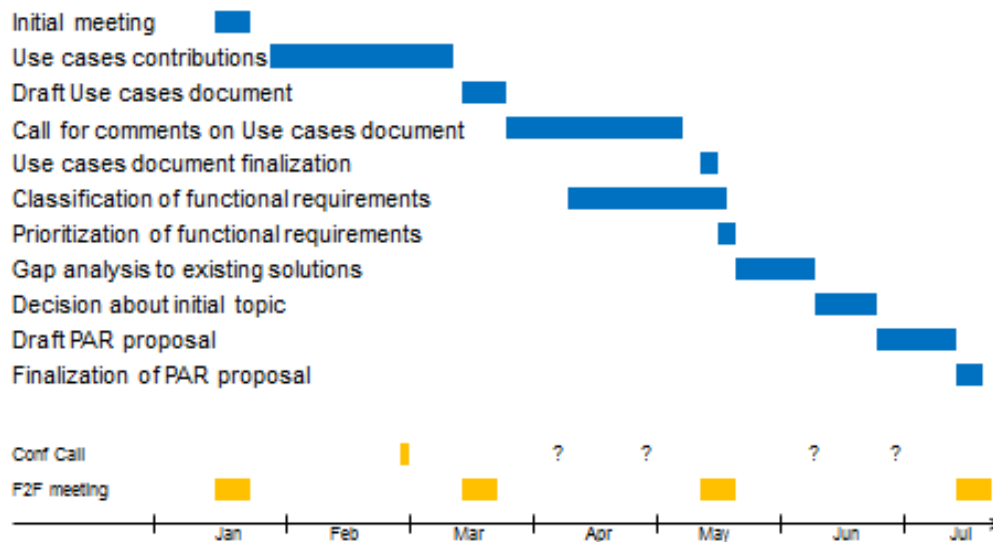
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## OmniRAN ECSG Mar '13 Objectives

- Review contributions on OmniRAN usecases
- Establish use cases document based on agreed contributions
- Plan for internal and external communication to retrieve feedback on and amendments to use cases document
- Create plan on how to derive initial scope of OmniRAN out of agreed use cases
- Review and refine timeline and plan for creation of PAR proposal until Jul '13

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## OmniRAN ECSG Plan and Timeline



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## OmniRAN ECSG Resources

- Website:  
<http://www.ieee802.org/OmniRANsg/>
- Document Archive on mentor:  
<https://mentor.ieee.org/omniran/documents>
- Email reflector:  
[ecsg-802-omniran@listserv.ieee.org](mailto:ecsg-802-omniran@listserv.ieee.org)
- Email archive:  
<http://grouper.ieee.org/groups/802/OmniRANsg/email/>
- Attendance:  
Paper list (normative) + IMAT
  - IMAT mandatory for participants seeking attendance credits
  - Reciprocal rights for most WGs

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Topic of PAR defining network architecture where IEEE 802 interfaces facing into access. Discussion regarding the OmniRAN SG. Presentations to IEEE 802 EC should reflect the nature of the topic matter, including feasibility and feasibility of doing within IEEE 802.

Disconnect between SG and EC Members regarding clarity of mission. Some concern expressed regarding potential duplication of efforts within IETF and co-ordination with 802.1.

Vice chair of the Study Group - it was believed that rules do not require confirmation.

5.11	DT	P&P update	Gilb	5	08:47 AM
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Gilb presented ec-13-0008-01

March 2013

ec-13-0008-00-00EC

## Changes to OM January 2013

802 EC Rules

James Gilb (Tensorcom)

March 2013

ec-13-0008-00-00EC

## OM 10.2 and 10.3

- In anticipation of changes to the 5C:
  - change the first occurrence and in the title of the previous 5C to be “IEEE 802 criteria for standards development (CSD)”.
  - At all other occurrences of five criteria, 5C, 5 criteria, etc. change them to be “CSD”
  - Move “10.5 IEEE 802 criteria for standards development (CSD)” to become Clause 14
  - Fix all cross references to 10.5 to point to Clause 14
  - Move old 10.5.4.1 Coexistence (would be 14.4.1) to become 14.5 Coexistence

802 EC Rules

James Gilb (Tensorcom)

## OM MIB requirement

- Delete the following from the second paragraph of 10.2
  - “and a work plan for the development of managed object definitions, either as part of the PAR or as a part of an additional PAR”
- Add to the end of the current 10.5.2.
  - Describe the plan for developing a definition of managed objects. The plan shall specify one of the following:
    - The definitions will be part of this project.
    - The definitions will be part of a different project and provide details of that project.
    - The definitions will not be developed and explain why such definitions are not needed.

## OM CSD mission statement

- Add the following to the new Clause 14:

The CSD documents an agreement between the WG and the Sponsor that provides a description of the project and the Sponsor's requirements more detailed than required in the PAR. (note, spell out PAR if not already in the acronym.)

## WG P&P: Voting rights

- Which duly constituted interims count?
- Change the first paragraph of “7.2.1.Establishment” as shown:
  - one duly constituted recent interim WG or Task Group session may be substituted for one of the two plenary sessions required to establish membership. A recent interim is any of the interims after the first of the four most recent plenaries.
- Add the same sentence to the end of the paragraph in “7.2.2 Retention” and change to “duly constituted recent interim”

Gilb anticipates several motions for closing plenary related to:

- OM 10.2 and 10.3
- OM MIB Requirement
- OM CSD Mission Statement
- WG P&P: Voting Rights

Gilb presented ec-13-0011-01

# IEEE 802 Rules meeting

## March 2013

### 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.**

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If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at [patcom@ieee.org](mailto: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>

# Agenda

- Review guidelines for IEEE SA meetings
- OM updates
  - Change name of 5C to criteria for standards development (CSD)
  - Move MIB requirement
  - CSD mission statement
- WG P&P updates
  - Which duly constituted interims count
- CG updates
  - Add “Access to published IEEE standards for outside groups”
  - Reflector failure/email ballot policy (new contribution)
- 5C/CSD updates
- Public statements (no contribution)
- CG point to RFC governing IEEE 802/IETF collaboration

## OM 10.2 and 10.3

- In anticipation of changes to the 5C:
  - change the first occurrence and in the title of the previous 5C to be “IEEE 802 criteria for standards development (CSD)”.
  - At all other occurrences of five criteria, 5C, 5 criteria, etc. change them to be “CSD”
  - Move “10.5 IEEE 802 criteria for standards development (CSD)” to become Clause 14
  - Fix all cross references to 10.5 to point to Clause 14
  - Move old 10.5.4.1 Coexistence (would be 14.4.1) to become 14.5 Coexistence



## OM MIB requirement

- Delete the following from the second paragraph of 10.2
  - “and a work plan for the development of managed object definitions, either as part of the PAR or as a part of an additional PAR”
- Add to the end of the current 10.5.2.
  - Describe the plan for developing a definition of managed objects. The plan shall specify one of the following:
    - The definitions will be part of this project.
    - The definitions will be part of a different project and provide details of that project.
    - The definitions will not be developed and explain why such definitions are not needed.

## OM CSD mission statement

- Add the following to the new Clause 14:

The CSD documents an agreement between the WG and the Sponsor that provides a description of the project and the Sponsor's requirements more detailed than required in the PAR. (note, spell out PAR if not already in the acronym.)

## WG P&P: Voting rights

- Which duly constituted interims count?
- Change the first paragraph of “7.2.1.Establishment” as shown:
  - one duly constituted recent interim WG or Task Group session may be substituted for one of the two plenary sessions required to establish membership. A recent interim is any of the interims after the first of the four most recent plenaries.
- Add the same sentence to the end of the paragraph in “7.2.2 Retention” and change to “duly constituted recent interim”

## Access to published IEEE stds

### 2.18 Access to a published IEEE standard for outside groups

(SA/Karen McCabe Origin)

The process for IEEE 802 working groups to request no-charge access to an approved IEEE 802 standard by a legitimate standards developing body for the sole purpose of standards development-related work prior to the standard being freely available from the Get IEEE 802 Program.

- 1) All requests shall be made by the Sponsor Chair or WG chair.
- 2) Email requests to the IEEE Staff Liaison.
- 3) The email shall include:
  - a) the standard designation and approval date,
  - b) the standards developing body/committee for whom the request is being made, and
  - c) a brief description on why the access to the standard is needed by the standards developing body/committee.
- 4) The IEEE-SA will provide one electronic copy (PDF) along with a terms of use agreement (which must be signed prior to access being provided).
- 5) The request shall be a one-time request specifically for standards development related purposes. If the IEEE-SA deems the request to encompass more than an exception for or addition to standards development related purposes, the IEEE-SA reserves the right, working with the IEEE 802 EC, to pursue a Memorandum of Understanding with the appropriate licensing terms.

## Reflector failure/letter ballot

- 802 relies on reflector for business, what is our recovery plan?
  - Require all EC members to have alternate email address (i.e., non ieee.org) in contact list
  - Post key email items to we page when there is a failure? If so, how are people notified?
  - Other issues?
- EC letter ballot when reflector problem
  - Need to keep public for comment by 802 members
  - How do we notify members when reflector has a problem?
- Other ideas/problems?

802 EC Rules

James Gilb (Tensorcom)

## New requirement for CSD review

- The CSD shall be reviewed and approved by each balloter, WG and the Sponsor as part of the approval process for the following:
  - Forwarding the PAR to NesCom
  - Forwarding the draft to Sponsor ballot
  - Forwarding the draft to RevCom

802 EC Rules

James Gilb (Tensorcom)

Gilb anticipates a separate motion regarding how often 5 Criteria are reviewed during project

## 5C/CSD updates

- These are the big changes
- Broad market potential
  - Change to “at a minimum” and list 2
  - Should we list a few and say “answer those that apply”?
- Compatibility
  - 2 proposals, there may be more
  - Any change requires 2/3 approval

Gilb anticipates a motion related to definition of new 5 Criteria.

## 5C/CSD updates (cont.)

- Coexistence
  - Now applies to all projects
  - Many will say it doesn't apply
  - If it does, use current 802.19 review process
- Distinct identity
  - Not restricted to IEEE or 802 standards only
  - Bulleted list removed (add similar list with instructions: respond to items if appropriate?)

## 5C/CSD update (cont. 2)

- Technical feasibility – two items
  - “Demonstrated system feasibility.”
  - “Proven similar technology via testing, modeling, simulation, etc.”
- Economic feasibility
  - Keep list with new instructions: “Among the areas that may be addressed”
    - Balanced costs (infrastructure versus attached stations).
    - Known cost factors.
    - Consideration of installation costs.
    - Other areas, as appropriate.

## Public statements (new item)

- What is a “Sponsor public statement”?
- Should Sponsor or subgroup statements have an expiration date (aka timeout)?
  - If so, is there a global value unless otherwise specified?
  - How is this communicated (in document, on web page, ???)
- Should they be archived in a specific location? (could be document group on mentor)
- Sponsor Chair issues approved regulatory responses
  - Is there a specific example of where this is not possible?
  - Can it be handed off as long as it has the Sponsor Chair's signature and contact information?
- Do we have enough document classes in the OM?
  - Currently 2, other standards bodies and government bodies
  - Add 2 more, e.g. “ITU” and “other (generic)”?

Action Item – Nikolich / Gilb to develop a Chair's Guideline on public statements.

5.12	II	PR Update & Notices	D'Ambrosia	5	08:52 AM
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D'Ambrosia gave verbal update.

It was stated that all press releases approved since last plenary would be noted –

Approved via email ballots – since November 12 Plenary.

- (Mody) IEEE 802.22.2 Press Release - IEEE 802.22.2™-2012 STANDARD COMPLETED FOR INSTALLATION AND DEPLOYMENT OF WIRELESS REGIONAL AREA NETWORKS IN TV WHITESPACES
- (Mody) IEEE 802.22.1 Press Release - IEEE LAUNCHES 802.22.1™-2010 REVISION PROJECT ON ADVANCED BEACONING TO ENABLE SPECTRUM SHARING AND FACILITATE OPENING UP OF NEW 2 GHz – 4 GHz SPECTRUM FOR FIXED AND MOBILE WIRELESS BROADBAND APPLICATIONS

It is anticipated that there will be 3 press releases for consideration later this week

- (Law) Ethernet Technology Summit award to IEEE 802.3 Working Group
- (Law) IEEE 802.3 400Gb/s Study Group formation
- (Law) IEEE 802.3 4-pair Power Over Ethernet Study Group formation

It was noted that boiler plate verbiage related to OpenStand and Ethernet 40<sup>th</sup> celebration had been developed.

Chair noted increase in PR activity, and has asked D'Ambrosia to step up on an unofficial basis to interact with IEEE on PR. Noted that individual groups already have PR positions in place. To be discussed at Wed meeting.

5.13	II	Planning Activities - Ethernet 40th Celebration	D'Ambrosia	5	08:57 AM
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D'Ambrosia gave verbal update.

Videos intended for this week did not happen for video release.

Further discussion to happen at EC meeting, “Ethernet 40th anniversary planning and 802 Marketing Meeting.” (Wednesday 3 to 5:15pm)

5.14	II	802 JTC1 ad hoc update	Kraemer/Myles	5	09:02 AM
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Andrew provided verbal update regarding general activities.

PM1 – Tues – Wed-Thurs

General activities now related to Sending standards out to ISO-IEC for ratification

In the pipeline 802.1x/ae both completed pre-ballot stage. One no-vote from China. Responses to be worked on this week.

802.11aa/ad/ae are in pre-ballot stage to close in April.

802.3 will be considered to be put in pre-ballot stage.

Working on developing a draft of the “contribution process” for SC6

Status of WAPI was discussed.

Update on Swiss National Report comparing 802.1x and TEPA-AC

Confirmation of delegates will have to be finalized this week.

5.15	II	IEEE-SA Standard Board Draft Sharing Ad-Hoc	Diab	5	09:07 AM
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Law gave verbal update in place of Diab.

The standard board approved a set of FAQs in respect to the Item #.

Topics include:

- Sharing drafts between groups is ok, but it is up to developing group to decide when to share based on technical maturity of document.
- Pricing of shared drafts.

Discussion related to timing of sharing of drafts.

5.16	II	Joint 802 / IETF March Meeting Follow-up & Action Review	Thaler	10	09:12 AM
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Thaler presented the following slides.

## IEEE 802 – IETF Relationship Update

Pat Thaler

March 2012

### Status

- List of items for coordination developed
  - 20 items open, 3 items closed
- Teleconferences held every other month to update status of the list and develop actions
- Leadership meeting last Saturday.
- Revision of RFC 4441 produced and circulated to IEEE 802 and IETF leadership



## Topics at leadership meeting

- Status of shared work items list and RFC 4441 revision
- Presentations on:
  - OmniRAN Study Group
  - Time Protocols Unification
  - Dealing with Regulators

## Cross-group Tutorials

- IEEE 802.1Q presented in IETF Tutorial slot and to Area Director breakfast
- May have an IETF technical tutorial for Geneva
  - possibly on congestion control
- Also considering a tutorial on IETF process for IEEE 802

## Future meetings

- Coordination Teleconferences
  - April and June
  - After that, continue bi-monthly or go to one a month before IEEE 802 plenary/IETF meeting?
- Next leadership meeting
  - Approximately 18 months?
  - We don't have a convenient meeting overlap around that window

## IEEE 802 Actions on 4441 revision

- Review and send comments
  - 802.11 has already done so
- Approve an endorsement statement to go on the cover page
  - June teleconference?
- Add reference the RFC from Chair's guide
  - June teleconference?

5.17	II	Future venue contract status & Vendor Contract Renewal Status	Rosdahl	5	09:22 AM
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Rosdahl presented EC-13-0012-00 slides 1-16

**March 2013**

**doc.: IEEE 802-EC-13/0012r0**

## **ExSec Agenda Items**

### **March 2013 Plenary**

**Date: 2013-03-18**

**Authors:**

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

Submission

Slide 1

Jon Rosdahl, CSR

**March 2013**

**doc.: IEEE 802-EC-13/0012r0**

## **Abstract**

### **Agenda Items from the IEEE 802 Executive Secretary for the IEEE 802 March 2013 Plenary**

#### **Monday:**

**5.17 II Future venue contract status & Vendor Contract Renewal Status**

**5.18 II Geneva 2013 Expectation**

#### **Friday:**

**4.02 MI Future Venues**

**9.03 II Executive secretary report**

Submission

Slide 2

Jon Rosdahl, CSR

## Monday Agenda Items

### **5.17 II Future venue contract status & Vendor Contract Renewal Status**

### **5.18 II Geneva 2013 Expectation**

## **5.17 II Future venue contract status & Vendor Contract Renewal Status**

### **Future Venues**

See doc: 802-EC-12/0040r3

<https://mentor.ieee.org/802-ec/dcn/12/ec-12-0040-03-00EC-802-plenary-future-venue-contract-status.xlsx>

- 1. IETF Joint Meetings**
- 2. Non-North American Venues – Set Priorities**
- 3. Vendor Contract Status**

## **IETF Joint Meetings**

**From the Discussion at the Joint IETF-IEEE meeting:**

**1. How often to meet face-to-face?**

**Once a year? Once every other year?**

**2014 not any clear choice as both groups are firm on locations – no automatic choice**

**2015 – IETF is going to Dallas in March –**

**IEEE is going to Dallas in Nov --**

**We could possibly move to March, and have back to back meeting in Dallas....?**

## **Non-North American Venues**

**The Next 10 Slides are potential locations for future Plenaries.**

**Discuss Details this week**

**Set priorities by Friday**

Proposed Future Venues IEEE 802 Plenary Sessions  
Presented at Caribe Royale, Orlando, FL

Beijing, P.R. China

MEETING VENUE: China World Hotel, MEETING VENUE TYPE: 5-Star Hotel

NUMBER OF MEETING ROOMS: 33

ESTIMATED FUNCTION SPACE COST: unnegotiated hotel quote for all meeting space and 600 attendees, 2.5M RMB (=US\$400K) (venue plus F&B). Believe this can be reduced to less than 2M RMB with negotiation and sponsorship, maybe better.

AV AVAILABLE: Out-source

NETWORK AVAILABLE: Out-source

GUEST ROOM BLOCK RECOMMENDED (Y/N): 500-600

RECOMMENDED HOTEL(S): China World Hotel/Traders/China World Summit Complex

ESTIMATED ROOM RATES: 1350-1550 RMB (=US\$215) to be negotiated at the complex

Closest International Airport: Beijing Capital International Airport

Secondary Transportation Required: Taxi or subway

Business Currency & Estimated Exchange Rate: RMB-Yuan; RMB6.24 = USD\$1

Incentives (Government, Trade, Tourism etc.): low probability for government support, low to moderate for other sponsorship.

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Submission

Proposed Future Venues for IEEE 802 Plenary Sessions  
Presented at Caribe Royale, Orlando, FL

Barcelona, Spain

Three Hotels & Barcelona Conference Center

NUMBER OF MEETING ROOMS: ~56+

ESTIMATED FUNCTION SPACE COST: t.b.d. (~€ 225K = US\$290K)

AV AVAILABLE: Yes, AV services on-site

NETWORK AVAILABLE: Yes, both Wired & Wireless network with Internet Access

GUEST ROOM BLOCK RECOMMENDED (Y/N): Yes, 500-600 rooms of 1125

RECOMMENDED HOTEL(S): 4 Hotels within walking distance

ESTIMATED ROOM RATE: ~195.€ singl, ~225.€ dbl, incl breakfast

Closest International Airport: Barcelona International, ~10km

Secondary Transportation Required: bus or taxi

Business Currency & Estimated Exchange Rate: € (= \$1.29)

Incentives (Government, Trade, Tourism etc.): t.b.d. none at this time

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Submission

**Proposed Future Venues IEEE 802 Plenary Sessions**  
Presented at Caribe Royale, Orlando, FL  
**Macau, PRC**  
**Sands Venetian Hotel & Conference Center**

NUMBER OF MEETING ROOMS: 40++  
ESTIMATED FUNCTION SPACE COST: \$0  
AV AVAILABLE: Yes, with new LCD Projectors  
NETWORK AVAILABLE: All fiber distribution with up to 1Gb/s Bandwidth  
Possible Option Dates: March 2016 – t.b.d.  
GUEST ROOM BLOCK RECOMMENDED (Y/N): 600+  
RECOMMENDED HOTEL(S): Sands Venetian Hotel  
ESTIMATED ROOM RATE: 1500.RMB. (=US\$245.)/night, single/double  
Daily Delegate Package: @575.RMB/day (\$95) Brfst & Lunch, AV, AM & PM Breaks  
Airport: Hong Kong International (HKG)  
Secondary Transportation Required: 40-55 min for ferry + free hotel shuttle bus  
Business Currency & Estimated Exchange Rate: 1 US\$ = 6.242 RMB  
Incentives (Government, Trade, Tourism etc.): Yes, Amounts t.b.d.  
Contract Terms and Subsidies are still in negotiation.  
Submission

**Proposed Future Venues IEEE 802 Plenary Sessions**  
Presented at Caribe Royale, Orlando, FL  
**SINGAPORE**  
**Marina Bay Sands Hotel & Conference Center**

NUMBER OF MEETING ROOMS: 40++  
ESTIMATED FUNCTION SPACE COST: SG\$0  
AV AVAILABLE: Yes, with new LCD Projectors  
NETWORK AVAILABLE: All fiber distribution with up to 1Gb/s Bandwidth  
Possible Option Dates: March 2017 – t.b.d.  
GUEST ROOM BLOCK RECOMMENDED (Y/N): 600+  
RECOMMENDED HOTEL(S): Marina Bay Sands Hotel  
ESTIMATED ROOM RATE: SG\$399. (=US\$325.)/night, single/double  
Daily Delegate Package: @SG\$125/day incl Brkfst & Lunch, AV, AM & PM Breaks  
Closest International Airport: Singapore International (SIN) 10-15 min hotel shuttle  
Secondary Transportation Required: No  
Business Currency & Estimated Exchange Rate: 1 SG\$ = US\$ 0.802  
Incentives (Government, Trade, Tourism etc.): Yes, Amounts t.b.d.  
Contract Terms and Subsidies are still in negotiation. Will close by Aug. 2013.  
Submission

**Proposed Future Venues for IEEE 802 Plenary Sessions**  
**Presented at Caribe Royale, Orlando, FL**  
**Copenhagen, Denmark - (not available for 2014 but 2015-2018 OK)**  
**Bella Sky Connell Hotel & Bella Conference Center**

NUMBER OF MEETING ROOMS: 17 Lg @ Bella Center, 18 Sm @ Bella Sky Hotel  
ESTIMATED FUNCTION SPACE COST: ~\$100K includes AV  
AV AVAILABLE: Yes, AV services available on-site.  
NETWORK AVAILABLE: Yes, both Wired & Wireless network with Internet Access  
available in Meeting spaces and Guest rooms.  
GUEST ROOM BLOCK RECOMMENDED (Y/N): Yes, 500-600 rooms per night  
RECOMMENDED HOTEL(S): Bella Sky Connell Hotel: all-new  
ESTIMATED ROOM RATE: 215€ (\$270) sgl, 242€ (\$305) dbl incl full breakfast  
Daily Delegate Package Est: ~\$108./day (Lunch, breaks, snacks)=~\$260K total  
Closest International Airport: Copenhagen Airport (5 min by Metro)  
Secondary Transportation Required: No  
Business Currency & Current Exchange Rate: € (= \$1.27) and DK Kroner (= \$0.17)  
Incentives (Government, Trade, Tourism etc.): Logistic support fm Visit DK NYC,  
no local sponsors identified yet

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Submission

**Proposed Future Venues for IEEE 802 Plenary Sessions**  
**Presented at Caribe Royale, Orlando, FL**  
**Göteborg, Sweden**  
**Gothia Towers, Hotel + Swedish Exhibition & Congress Center**

NUMBER OF MEETING ROOMS: 18 @ Gothia Towers, and 50 @ SE & CC  
ESTIMATED FUNCTION SPACE COST: T.B.D. (~\$200K)  
AV AVAILABLE: Yes, AV services on-site  
NETWORK AVAILABLE: Yes, both Wired & Wireless network with Internet Access  
GUEST ROOM BLOCK RECOMMENDED (Y/N): Yes, 500-600 RoH room block  
RECOMMENDED HOTEL(S): Gothia Towers (>1200 guest rooms)  
ESTIMATED ROOM RATE: ~1250 SEK (~\$185 sgl, \$215 dbl, incl breakfast)  
Closest International Airport: Landvetter International Airport (20 min. by bus)  
Secondary Transportation Required: No  
Business Currency & Estimated Exchange Rate: SEK (= \$0.148)  
Incentives (Government, Trade, Tourism etc.): Possible Ericsson as Sponsor  
Proposal to follow shortly, all construction of 3<sup>rd</sup> tower complete in 2015.

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Submission



**Proposed Future Venues for IEEE 802 Plenary Sessions**  
**Presented at Caribe Royale, Orlando, FL**

**Berlin, Germany**  
**Estrel Hotel & Conference Center**

**NUMBER OF MEETING ROOMS:** ~67+  
**ESTIMATED FUNCTION SPACE COST:** t.b.d. (~ € 225K = US\$290K)  
**AV AVAILABLE:** Yes, AV services on-site  
**NETWORK AVAILABLE:** Yes, both Wired & Wireless network with Internet Access  
**GUEST ROOMBLOCK RECOMMENDED (Y/N):** Yes, 500-600 rooms of 1125  
**RECOMMENDED HOTEL(S):** Estrel Berlin  
**ESTIMATED ROOM RATE:** ~185. € sngl, ~205. € dbl,  
**Closest International Airport:** Berlin Brandenburg (7.9 miles)  
**Secondary Transportation Required:** bus or taxi  
**Business Currency & Estimated Exchange Rate:** € (= \$1.29)  
**Incentives (Government, Trade, Tourism etc.):** t.b.d. none at this time

Submission

**Proposed Future Venues for IEEE 802 Plenary Sessions**  
**Presented at Caribe Royale, Orlando, FL**

**Vienna, Austria**  
**Vienna Conference Center & 3 Hotels**

**NUMBER OF MEETING ROOMS:** ~47+  
**ESTIMATED FUNCTION SPACE COST:** t.b.d. (~ € 275K = US\$355K)  
**AV AVAILABLE:** Yes, AV services on-site  
**NETWORK AVAILABLE:** Yes, both Wired & Wireless network with Internet Access  
**GUEST ROOMBLOCK RECOMMENDED (Y/N):** Yes, 500-600 rooms of 1040  
**RECOMMENDED HOTEL(S):** 3 Hotels within walking distance  
**ESTIMATED ROOM RATE:** ~225. € sngl, ~255. € dbl,  
**Closest International Airport:** Vienna International  
**Secondary Transportation Required:** bus or taxi  
**Business Currency & Estimated Exchange Rate:** € (= \$1.29)  
**Incentives (Government, Trade, Tourism etc.):** t.b.d. none at this time

Submission

**Proposed Future Venues IEEE 802 Plenary Sessions**  
**Presented at Caribe Royale, Orlando, FL**  
**Shanghai, P.R. China**

**MEETING VENUE:** Kerry Parkside Hotel PuDong, **MEETING VENUE TYPE:** 5-Star Hotel

**NUMBER OF MEETING ROOMS:** 37

**ESTIMATED FUNCTION SPACE COST:** unnegotiated hotel quote for all meeting space and 600 attendees, 5M RMB (venue plus F&B). Believe this can be reduced to under 4M RMB with negotiation.

**AV AVAILABLE:** Out-source

**NETWORK AVAILABLE:** Out-source

**GUEST ROOM BLOCK RECOMMENDED (Y/N):** Y

**RECOMMENDED HOTEL(S):** Kerry Parkside Hotel PuDong

**ESTIMATED ROOM RATE:** 1400-1800 RMB

**Closest International Airport:** PuDong International Airport

**Secondary Transportation Required:** Taxi or subway

**Business Currency & Estimated Exchange Rate:** RMB-Yuan; ~RMB6.24 = USD\$1

**Incentives (Government, Trade, Tourism etc.):** low to medium potential, as well as for private sponsorships.

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Submission

**Proposed Future Venues for IEEE 802 Plenary Sessions**  
**Presented at Caribe Royale, Orlando, FL**  
**Yokohama, Japan**

**Intercontinental Yokohama Grand Hotel & Pacifico Conference Center**

**NUMBER OF MEETING ROOMS:** 28 @ hotel, 56 @ CC

**ESTIMATED FUNCTION SPACE COST:** ~\$280K

**AV AVAILABLE:** Yes, AV services on-site

**NETWORK AVAILABLE:** Yes, both Wired & Wireless network with Internet Access

**GUEST ROOM BLOCK RECOMMENDED (Y/N):** Yes, 500-600

**RECOMMENDED HOTEL(S):** Intercontinental Grand Yokohama

**ESTIMATED ROOM RATE:** ~\$290. singl, ~\$316. dbl

May be able to get IETF rate at ~25% discount with WIDE as sponsor.

**Closest International Airport:** Tokyo

**Secondary Transportation Required:** Hi-Speed train = ~1 hour, then taxi to hotel

**Business Currency & Estimated Exchange Rate:** (95.15 JPY (¥) = US\$1.00)

**Incentives (Government, Trade, Tourism etc.):** t.b.d, but possible to negotiate

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Submission

Motion on Friday to approve Mar 14 location

## **Status of Vendor Contracts**

### **Network Services**

**Contract started: April 2012**

**Contract expires: March 2015**

### **Meeting Services**

**Contract started: Nov 2008 (one extension)**

**Contract expires: July 2014**

**Plan for RFP process Nov 2013 to March 2014**

### **Meeting Manager**

**Potential Contract preparation in process**

5.18	II	Geneva 2013 Expectation	Rosdahl	5	09:27 AM
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Rosdahl presented slides 18-22 from EC-13-0012-00

March 2013

doc.: IEEE 802-EC-13/0012r0

## 5.18 II Geneva 2013 Expectation

**July 2013 – Geneva, Switzerland**

**What to expect?**

Mainly it will be the same as any other Plenary

**What is Different?**

1. No common hotel
2. Meeting rooms are in more than one building
3. Breaks on own – cafeteria are located in each building
4. Some rooms are not available in the evening
5. Some room configurations will be different (open square)
6. No organized Social
7. Possible Opening Plenary

Submission

Slide 18

Jon Rosdahl, CSR

March 2013

doc.: IEEE 802-EC-13/0012r0

## Geneva Expectations (cont)

**Each Working group will have a base set of rooms, and we will need to work to stay within that base as a starting point, and then we can expand into the few extra rooms, and to take rooms that others end up not needing.**

<https://mentor.ieee.org/802-ec/dcn/13/ec-13-0014-00-00EC-802-0713-itu-hq-wg-meetingroomspecs-ec-pdf.pdf>

Submission

Slide 19

Jon Rosdahl, CSR

## **Geneva Expectations (cont)**

**Note that the ITU will be available for most of the time slots that 802 has come accustomed to using, but the number of rooms available changes.**

**Sunday \*All Meetings must be held in ITU.**

**802 Registration – Montbrillant reception entrance**

**802.11 CAC ITU - L1**

**802.15 AC ITU - L2**

**802 Rules ITU - L2**

**802 New Members ITU - L1**

**802W Leadership ITU - L1**

## **Geneva Expectations (cont)**

**Monday, Tuesday, Wednesday and Thursday :**

**\*All Evening Meetings (PM3) after 6pm must be held in ITU.**

**Friday :**

**\*All Meetings must be held in ITU.**

## Geneva Expectations (cont)

### Other Meeting items to be considered and confirmed:

1. **Opening Plenary Meeting - Monday AM ?? -- Welcome to Geneva and give ITU chance to address Participants.**
2. **Tutorials - Monday -- IF ITU room is too small (~250), consider having Tutorials early in the CICG (~800) and change order to have regular WG meetings later .**

Note that the evening meetings would need to be in the ITU

Straw Poll #1: Those who think it would be important to have an open plenary to allow our host to address IEEE 802

Count #14

Straw Poll #2 Objections to swapping tutorial time for working group time to make use of larger room facilities –

Count #5

Discussion about possible Sunday evening EC Meeting

5.19	II	Central Desktop Update	Bennett	0	09:32 AM
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Kathryn gave verbal update. Use Case demonstrations are being developed. Individuals interested in seeing Central Desktop and Use Case demonstrations are invited to see demonstration.

- Central Desktop demonstration – Wed 4pm to 5pm
- Central Desktop use-case demonstrations- Wed 1 to 4pm, Thurs – 1 to 5pm

5.20	II	Treasurer's report	Chaplin/Rosdahl	5	09:32 AM
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Rosdahl presented following slides from <https://mentor.ieee.org/802-ec/dcn/13/ec-13-0015-00-00EC-2013-03-18-treasurer-report.pdf>.

## Reserve

2012 End USD Reserve	\$929,893.51
Petty Cash	\$2,000.00
SGD reserve (USD equivalent)	\$176,271.20
Total Reserve	\$1,108,164.71

## 2013 T1 (Jan-Apr) Overview Estimate

Meeting Surplus/Loss	\$33,149.00
Other Income	\$1,000.00
Other Expenses	(\$1,000.00)
-----	
Net Change	\$33,149.00

## 2013 T1 Meeting Orlando Income Estimate

IEEE Project 802										
Meeting Budget										
November 2012 Plenary Session										
Orlando										
March 2013 Plenary Session										
Income	Estimate				Budget			Var	Var %	
	Fee	Net	Net Amt	%	Net	Net Amt	%			
Pre-registration	\$ 700	8	\$ 6,400	2%	10	\$8,000	2%	(\$1,600)	-20%	
Pre-registration (with discount)	\$ 400	519	\$259,500	70%	400	\$200,000	69%	\$59,500	30%	
Pre-Registration Early Cancellation	\$ (700)	-1	\$ (800)	0%			0%			
Pre-Registration Early Cancellation (with discount)	\$ (400)	-3	\$ (1,500)	0%			0%			
Pre-Registration Late Cancellation	\$ (600)	0	\$ -	0%			0%			
Pre-Registration Late Cancellation (with discount)	\$ (300)	-12	\$ (4,800)	-1%			0%			
Pre-Registration No Refund Cancellation	\$ -	0	\$ -	0%			0%			
Web-registration	\$ 800	12	\$ 10,800	3%	10	\$9,000	2%	\$1,800	20%	
Web-registration (with discount)	\$ 500	145	\$ 87,000	24%	150	\$90,000	23%	(\$3,000)	-3%	
Web-registration Early Cancellation	\$ (800)	0	\$ -	0%			0%			
Web-registration Early Cancellation (with discount)	\$ (500)	0	\$ -	0%			0%			
Web-registration Cancellation	\$ (700)	0	\$ -	0%			0%			
Web-registration Cancellation (with discount)	\$ (400)	-4	\$ (2,000)	-1%			0%			
Web-registration No Refund Cancellation	\$ -	0	\$ -	0%			0%			
Onsite-registration	\$ 900	0	\$ -	0%	5	\$5,500	1%	(\$5,500)	-100%	
Onsite-registration (with discount)	\$ 600	18	\$ 14,400	4%	25	\$20,000	4%	(\$5,600)	-28%	
Student-registration	\$ 150	0	\$ -	0%	0	\$0	0%			
University Outreach	\$ 25	1	\$ 25	0%	0	\$0	0%	\$25		
Net Registration Income	\$ 445	683	\$389,025	88%	800	\$332,500	87%	\$36,525	11%	
No-Shows										
Net Paid Attendees		683			800					
Non-registration Income										
Deadbeat collections			\$ -	0%			0%	\$0		
Comps, Commissions & Discounts			\$ 48,000	12%		\$ 50,000	13%	(\$2,000)	-4%	
Other			\$ -	0%		\$ -	0%	\$0		
<b>Total Session Income</b>			<b>\$417,025</b>	<b>12%</b>		<b>\$382,500</b>	<b>13%</b>	<b>\$34,525</b>	<b>9%</b>	



# 2013 T1 Meeting Orlando

## Expense Estimate

IEEE Project 802						
Meeting Budget						
March 2013 Plenary Session						
Orlando						
As of March 16, 2013						
Expenses		Estimate		Budget	Var	Var %
Audio Visual		\$ 23,200 8%		\$ 25,700 8%	(\$2,500)	-10%
Credit Card Discounts & Fees		\$ 18,451 5%		\$ 15,875 5%	\$2,576	16%
Equipment Expenses		\$ - 0%		\$ - 0%	\$0	#DIV/0!
Get IEEE 802 Contribution (Net paid attendees * \$75.00)		\$ 51,225 13%		\$ 45,000 13%	\$6,225	14%
Infrastructure		\$ - 0%		\$ 500 0%	(\$500)	-100%
Copier		\$ - 0%		\$ 500 0%	(\$500)	
Electrical		\$ - 0%		\$ - 0%	\$0	#DIV/0!
Phone		\$ - 0%		\$ - 0%	\$0	#DIV/0!
Reg Counters		\$ - 0%		\$ - 0%	\$0	#DIV/0!
Meeting Administration		\$ 72,000 19%		\$ 58,000 17%	\$14,000	24%
Misc Meeting Expenses		\$ - 0%		\$ 2,500 1%	(\$2,500)	-100%
Audit		\$ - 0%		\$ - 0%	\$0	
Copying		\$ 700 0%		\$ - 0%	\$700	#DIV/0!
Hotel Grats		\$ 1,200 0%		\$ 1,200 0%	\$0	0%
Insurance		\$ - 0%		\$ - 0%	\$0	#DIV/0!
Other: Keys		\$ 350 0%		\$ 350 0%	\$0	0%
Supplies		\$ 1,850 0%		\$ 950 0%	\$900	95%
Networking		\$ 74,500 19%		\$ 63,500 19%	\$11,000	17%
Shipping		\$ 5,500 1%		\$ 4,000 1%	\$1,500	38%
Site Survey		\$ 2,500 1%		\$ 2,500 1%	\$0	0%
Social		\$ 50,500 15%		\$ 51,000 15%	\$8,500	17%
Food & Beverage		\$ 77,000 20%		\$ 65,000 19%	\$12,000	18%
Lunches		\$ - 0%		\$ - 0%	\$0	#DIV/0!
Total Session Expense		\$ 383,876 100%		\$ 333,575 100%	\$50,301	15%
Net Session Surplus(Loss)		\$ 33,149		\$ 48,925		

## 2013 T1 Other Income Estimate

Interest	\$1,000.00
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## 2013 T1 Other Expenses Estimate

Other	(\$1,000.00)
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Total	(\$1,000.00)
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# IEEE 2012 Yearly Financial Report (L50s)

IEEE 802 filed early March

IEEE 802.3 already filed

All IEEE 802 WGs with treasury need to file  
report

Report due March 31, 2013

Questions should be directed to Chaplin. Any noted issues can be discussed on Friday.

5.21	II	IEEE 802 University Outreach status update	Law	5	09:37 AM
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Law gave verbal update. Last count – 1 attendee.

5.22	II	Document publication priority update	McCabe/Nikolich	3	09:42 AM
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Turner presented following information.

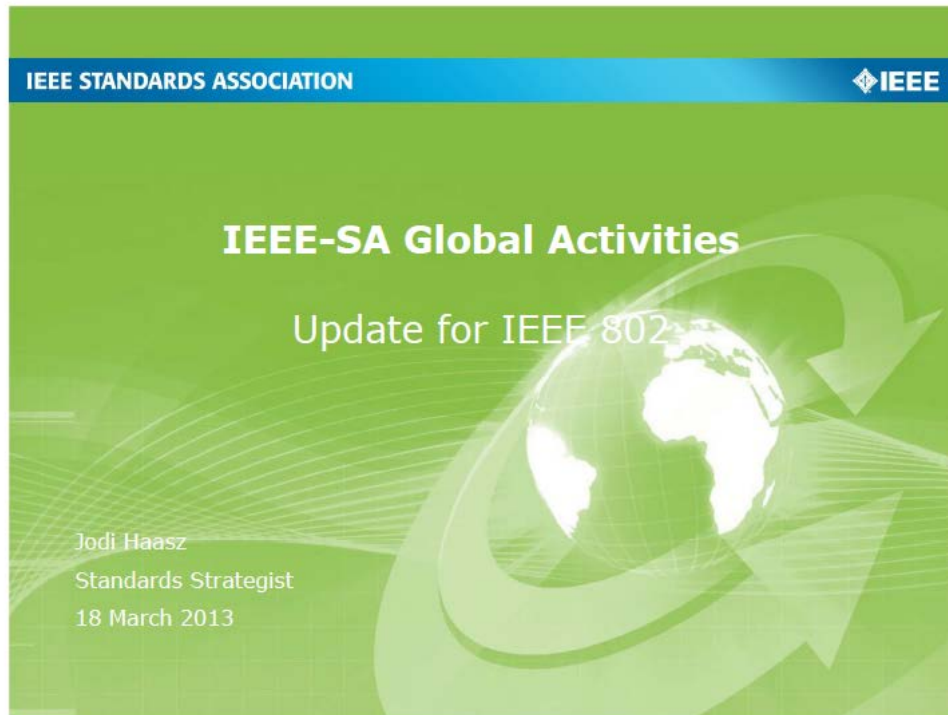
## 802 Publications

Published		
Designation	Page Count	Pub date
IEEE Std 802.3 <sup>TM</sup> -2012	3746	12/28/2012
IEEE Std 802.11ad <sup>TM</sup> -2012	626	12/28/2012
IEEE Std 802.1AEbw-2013	65	2/12/2013
IEEE Std 802.15.4j-2013	22	2/27/2013
<i>IEEE Std 802.1Q-2012 Edition</i>	1782	12/13/2012
In Production		
Designation	Approx. page Count	Expected pub date
IEEE Std 802.16n-2013	155	4/9/2013
IEEE Std 802.16.1a-2013	322	4/30/13

5.23	II	SA Global Activities Update	Haasz	5	09:55 AM
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Presented slides

Reference URL: <https://mentor.ieee.org/802-ec/dcn/13/ec-13-0017-00-00EC-ieee-sa-global-activities-update.pdf>



## JTC 1

- SC 6
  - Information presented in the JTC 1 Ad Hoc Report
- SC 31
  - Address request from ISO/IEC JTC 1/SC 31 working groups regarding use of IEEE 802.15.4 standards (amendments)
    - ISO/IEC 24730-61
    - ISO/IEC 24730-62

## Europe

- Multi-Stakeholder Platform (MSP) on ICT Standardisation in Europe held 10 October 2012
  - David Law continues to be IEEE-SA representative, monitoring items of interest
  - IEEE 802.11-2012 withdrawn by the Commission from consideration for identification, as its status as an ISO/IEC standard made identification unnecessary
- DKE Update

## China

- IEEE 802-related outreaches – December 2012
  - NuFront
  - Ministry of Industry and Information Technology (MIIT)
  - China Mobile Research Institute (CMRI)
  - IBM Research China
  - IEEE-CNIS Joint Workshop on Standards Education
    - IEEE 802 case study presented by Bruce Kraemer
  - IEEE China Council/Beijing Section
    - Bruce Kraemer provided information on the IEEE 802 University Outreach program

## Additional Activities

- IEEE 802 External Liaisons
  - Definition of external liaison and types of liaisons developed
  - List of IEEE 802 external liaisons compiled
  - Information imported into a Central Desktop database and generated to a public website
  - Database review - 802 Task Force meeting
- IEEE-SA/ITU Joint Workshop
  - Workshop will focus on Synchronization and Protection
  - Proposal to be disseminated
    - Discussion at the 802 Task Force meeting

## IEEE-SA Global Activities

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

For more information, contact:

**Jodi Haasz**

Standards Strategist

[j.haasz@ieee.org](mailto:j.haasz@ieee.org)

IEEE STANDARDS ASSOCIATION



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Action Item – Haasz send link to D'Ambrosia for publication to 802 website upon availability.

5.24	II	Get IEEE 802 Status & Budget Update	McCabe	5	09:50 AM
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McCabe presented slides (Get IEEE 802) May be error on numbers reported on Slide #2.

Action Item - McCabe to review numbers listed on second slide and send update to recording secretary if necessary. (Note – updated slide received prior to publication of minutes – updated slide indicated below.)


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IEEE

## Get IEEE 802® Update

IEEE 802 Plenary; 802 EC

March 2013



### Download Stats

Program total downloads to date (April 2003 to February 2013)	62,230,903
Program 2012 Year to Date downloads (Jan - Dec 2012)	60,379

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IEEE

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3-Apr-12



Updated slide #2 sent prior to publication of minutes. This slide was not presented, but is included here.

## Download Stats

Program total downloads to date (April 2003 to February 2013)	62,230,903
Program 2013 Year to Date downloads (Jan – Feb 2013)	48,712

## User Type (April 2003 to December 2012)

User Type	Downloads
Academic/Student	2232500
Attorney/Legal	15,501
Government	153880
Journalist	61583
Network Equipment Mfg	620823
Network Service Provider	4
Network Silicon Mfg	138079
Network Software Developer	396647
Other	934805
Private Network Service Provider	170922
Public Network Service Provider	398725
Silicon Mfg	2
Standards Developer	210583
Systems Admin	262719
Unknown	627130

## Most Downloaded Standards

Most requested for download in 2013:

- 7452 802.11-2012.pdf
- 5235 802.3-2008\_section1
- 2711 802.3-2008\_section2
- 2186 802.3-2008\_section3
- 2025 802.3-2008\_section5
- 2017 802.3-2008\_section4
- 1737 802.11n-2009.pdf
- 1457 802.1D-2004.pdf
- 1346 802.3at-2009.pdf
- 1303 802.1Q-2011.pdf

## New Program Entries

Standards added into program since  
November 2012

802.21a-2012.pdf	802.22.2-2012.pdf
802.21b-2012.pdf	802.16.1-2012.pdf
802.11aa-2012.pdf	802.16-2012.pdf
802.1Qbg-2012.pdf	802.1ap-2008.pdf
802.1aq-2012.pdf	802.1AC-2012.pdf
802.1BR-2012.pdf	802-1Q-2011_Cor_2-
802.15.4f-2012.pdf	2012.pdf
802.15.4g-2012.pdf	802.1Q-2011_Cor_2-
	2012.pdf
	802.11ad-2012.pdf

## Total Number of Downloads January 2013

USERS TYPES	DOWNLOADS
Academic/ student	9863
Government	526
Journalist	324
Network equipment Manufacturer	2854
Network silicon manufacturer	773
Network software developer	2393
Other	4260
Private network service Provider	709
Public network service provider	1784
Standards developer	1060
Systems administrator	953
Unknown	18
<b>TOTAL</b>	<b>25,517</b>

IEEE STANDARDS ASSOCIATION



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## Total Number of Downloads February 2013

USERS TYPES	DOWNLOADS
Academic/ student	9408
Government	418
Journalist	297
Network equipment Manufacturer	2477
Network silicon manufacturer	654
Network software developer	1820
Other	3989
Private network service Provider	713
Public network service Provider	1534
Standards developer	787
Systems administrator	1076
Unknown	24
<b>TOTAL</b>	<b>23,195</b>

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# Thank You

IEEE STANDARDS ASSOCIATION



2-8p-12

Budget for Get IEEE802 program to be discussed on Thursday. Current agreement is budget in March time frame. Request made to extend budget to July time frame to allow more diligence.

Noted that there were significant changes to pricing structures that need to be reviewed.

5.25	II	Open Stand Status / World Conference on International Telecommunications (WCIT-12) IEEE-SA Follow-on Actions	McCabe	5	09:55 AM
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To be discussed at Task Force

5.26	II	802 Task Force Tentative Agenda (Tentative Time Thursday 10am to Noon)	Nikolich	5	10:00 AM
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Nikolich showed tentative Task Force agenda.

## 802 Task Force

- 802 Task Force, Thurs 10AM-1PM (room: Governors Boardroom)

Tentative agenda

1. Document publication priority update (Turner)
2. RIP: Single copy sales trial program post mortem (McCabe)
3. getIEEE 802 update (McCabe)
4. OpenStand update (McCabe)
5. World Conference on International Telecommunications update (McCabe)
6. IEEE SA Etools update (Christina)
7. International Activities Update (Haasz)
  1. July 2013 802/ITU workshop (Jodi Haasz)
8. 802 Requirements for IEEE SA staff support at 802 Sessions (Nikolich)
9. Any Other Business?
  - tbd
10. Action item review – Nikolich
11. Adjourn

5.27	II	EC meeting schedule (rules, SA, etc.)	Nikolich	3	10:05 AM
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Nikolich showed agenda.

# EC meetings for the week

(meeting rooms: Governors Boardroom, Antigua 3, Boca 2, Caribbean 6)

Sunday 7:30-9:30pm	LMSC Rules Review (Governors Boardroom)
Sunday 8:30-10:00pm	Meeting Manager Contract review – Executive Session– (Governors Boardroom)
Monday 1:30-3:30pm	802 Architecture (room: Antigua 3)
Monday 6:00-7:30pm	802 Chair's "open office hours" – come by and chat with Paul (Governors Boardroom)
Tuesday 8-9am	University Outreach Orientation (room: Caribbean 6)
Tuesday noon-1pm	open
Tues 1:30pm-3:30pm	JTC1/SC6 ad hoc (cross 802 related topics, Antigua 3)
Tuesday 3pm-4pm	July 2013 Geneva venue preparation (Governors Boardroom)
Tuesday 4-6pm	open
Tuesday 4-5pm	University Outreach Feedback(room: Caribbean 6)
Wed 12:30-1:30pm	Future Plenary Session Venue options review
Wed 1:30pm-3:30pm	JTC1/SC6 ad hoc (cross 802 related topics, Antigua 3)
Wed 3:00-5:15pm	Ethernet 40 <sup>th</sup> anniversary planning and 802 Marketing (Governors Boardroom)
Wed 5:15-6:30pm	open
Thursday 10:30-12:30pm	802 Architecture (room: Boca 2)
Thursday 10-noon	IEEE 802 Task Force (room: Governors Boardroom)
Thursday 1:30pm-3:30pm	JTC1/SC6 ad hoc (cross 802 related topics, room: Antigua 3)
Thursday 5-10pm	open
Friday 09am-noon	open

5.28	II	Action Item Review	Nikolich / D'Ambrosia	15	10:08 AM
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D'Ambrosia noted update to electronic media production agreement.

<https://mentor.ieee.org/802-ec/dcn/13/ec-13-0013-00-00EC-draft-electronic-media-production-agreement.docx>

Review and send D'Ambrosia any comments. Will look at adding to chair's guideline this week.

5.29					10:23 AM
5.30	DT	ADJOURN SEC MEETING	Nikolich		10:30AM

Completion of agenda.

Meeting adjourned at 10:30am

### Summary Action Items

Item 5.01 - Pat Thaler to act as a contact point for listing Fellows involved in 802.

Item 5.02 - Chairs 6:30 to 7:30 – Gilb / Lynch meet with Nikolich Monday night to resolve.

Item 5.11 - Nikolich / Gilb to develop a Chair's Guideline on public statements.

Item 5.23 - Haasz send link to D'Ambrosia for publication to 802 website upon availability.

~~Item 5.24 – McCabe to review numbers listed on second slide and send update to recording secretary if necessary.~~ Updated slide sent prior to publication of minutes and included.