IEEE 802 Plenary Meeting
March 2011, Singapore
802.1 Meeting Minutes, 14-17 March 2011

Attendees

Last Name	First Name	Middle Name	Affiliation
Agarwal	Puneet		802.1
Alon	Zehavit		Nokia Siemens Networks
An	Yafan		Juniper Networks, Inc.
Ashwood-Smith	Peter		Huawei Technologies Co. Ltd
Boiger	Christian		Hochschule Deggendorf - University
Bottorff	Paul		Hewlett-Packard Development Company, L.P.
Bragg	Nigel		Ciena Corporation
Brandner	Rudolf		Nokia Siemens Networks
Chang	Xin		Huawei Technologies Co., Ltd.
Congdon	Paul		Hewlett-Packard Development Company, L.P.
Cummings	Rodney		National Instruments Corporation
Dabagh	Alireza		Microsoft Corporation
DeSanti	Claudio		Cisco Systems, Inc.
Ding	Zhemin		Ericsson AB
Eastlake, 3rd	Donald		Huawei Technologies Co. Ltd
Farkas	Janos		Ericsson
Fedyk	Donald		Alcatel-Lucent
Finn	Norman		Cisco Systems, Inc.
Garner	Geoffrey		Samsung
Ghanwani	Anoop		Brocade
Gilman	Evan		University of Miami
Goetz	Franz		Siemens Corporation
Gomez	Jorge		University of Florida
GU	Yingjie		Huawei Technologies Co. Ltd
Gunther	Craig		HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED
Haddock	Stephen		Extreme Networks
Hayakawa	Hitoshi		Hitachi Ltd.
Huang	Lu		802.1
Jeffree	Anthony		hp, broadcom
Kashyap	Prakash		Extreme Networks
Kelsen	Michael		Time Warner Cable Inc.
Kim	Taeeun		Extreme Networks
Kim	Yongbum		Broadcom Corporation
Klein	Philippe		Broadcom Corporation

Kleineberg	Oliver	Hirschmann Automation and Control
Krause	Michael	Procurve Networking by HP
Kumar	Vinod	Tejas Networks Ltd
Lapuh	Roger	Avaya Inc.
li	lin	ZTE Corporation
Li	Yizhou	Huawei Technologies Co., Ltd.
Loh	Zhi-Hern	Fulcrum Microsystems, Inc.
Lynch	Jeff	IBM
Mack-Crane	Thomas	Huawei Technologies Co., Ltd.
Marulkar	Rajendra	Applied Micro (AMCC)
Messenger	John	ADVA Optical Networking Ltd.
Multanen	Eric	Intel Corporation
Nachum	Youval	Marvell Semiconductor, Inc.
Nakagawa	Yukihiro	FUJITSU
Nakamura	Masafumi	Envital, Inc.
Olsen	David	HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED
Pannell	Donald	Marvell Semiconductor, Inc.
Parsons	Glenn	Ericsson
Pearson	Mark	Hewlett-Packard Development Company, L.P.
Pelissier	Joseph	Cisco
Raeber	Rene	Cisco Systems
Roese	Josef	Deutsche Telekom AG
Rouyer	Jessy	Alcatel-Lucent
Sajassi	Ali	Cisco Systems
Saltsidis	Panagiotis	Ericsson AB
Seto	Koichiro	Hitachi Cable
Shao	Hong	ZTE Corporation
Sharma	Rakesh	IBM
Shimizu	Takeshi	FUJITSU
Sprecher	Nurit	Nokia Siemens Networks
Sultan	Robert	Huawei Technologies Co. Ltd
Sundaram	Shivakumar	Force 10 Networks, Inc.
Tanaka	Jun	FUJITSU
Teener	Michael Johas	Broadcom Corporation
Thaler	Patricia	Broadcom Corporation
Ting	Ao	ZTE Corporation
Tumuluri	Chait	Emulex
Unbehagen	Paul	ALCATEL-LUCENT
Vissers	Maarten	Huawei Technologies Co. Ltd
Wadekar	Manoj	QLogic Corporation
Weber	Karl	ZHAW
wei	fang	802.1
Wei	Yuehua	ZTE Corporation

Opening Plenary (Monday, 14 March, 2011)

The Chair (Tony Jeffree) presented the opening plenary slides. See Tony's opening plenary slides at:
http://www.ieee802.org/1/files/public/minutes/201103-opening-plenary-slides.pdf

General information is here:
http://www.ieee802.org/1/files/public/minutes/802-1-general-info.pdf

Meeting "Decorum" - or rules - including the policy on recording and/or reporting of meetings.

John Messenger said that he posts high level reports on a public Blog site hosted by his company.

The Chair reviewed general administrative information, including hotel and meeting room security, 802.1 officers, web-site and access information, eligible voters, etc.

For those staying at the Marina Bay Sands Hotel, complimentary access to the Hotel's network was provided using login information obtained on checking in.

The Chair covered slides on IEEE-SA recommended policy statements to be reviewed at least once a day during meetings this week. These slides included:

- Instructions to WG (and TG) Chairs
- Participants, Patents and Duty to Inform
- Patent Related Links
- Call for Potentially Essential Patents
- Compliance with applicable laws, including anti-trust/competition
- TG Chairs were reminded of the need to review this information daily

The Chair asked if there was anyone who was prepared to make any statement(s) with respect to any potentially essential patents.

There was no response to the call for patents.

The Chair reviewed the schedule for future Interim meetings, which included:

- May, 2011
- September, 2011

Norm Finn gave an update on the upcoming May (2011) interim meeting in Santa Fe. His presentation may be found at:

http://www.ieee802.org/1/files/public/docs2011/nfinn-may-2011-interim-0211-v3.pdf

Ben Mack-Crane gave a presentation on a proposal to have the September (2011) interim meeting in Nanjing. His presentation may be found at:
http://www.ieee802.org/1/files/public/docs2011/admin-mackcrane-sep11-nanjing-meeting-0311.pdf

The decision is to be made during the closing plenary. There no alternative proposals for the September.

Don Eastlake posted a document that could be helpful for future organizers. Kauai Beach Resort is proposing to have the meeting there regularly every January.

http://www.ieee802.org/1/files/public/docs2011/admin-eastlake-jan11-kauai-0211.ppt

The Chair summarized the Executive Committee meeting. See opening plenary slides for additional information and details.

Opening Plenary slides are available at:
http://ieee802.org/1/files/public/minutes/201103-opening-plenary-slides.pdf

Items directly affecting this meeting were:
• BoG update
    – Single copy sales subcontract to Tech Street
    – ISO/SA agreement still under negotiation
• 802.20 now in hibernation
• 802.1AE needs reaffirmation – will do this after Aebn completes. Need to start the reaff by October 17th.
• 802 Task Force agenda – Thurs 8-10
    – Single copy sales
    – Get802 budget
    – JTC1/SC6
    – Fast publishing trial
    – Preparation of an 802 position on 1900.7
• Smart Grid
    – SA has a vision for standardisation in this area
• 2011 EC Workshop? – inconclusive, other than we want one before July 2012
• Single copy sales
    – New standards store in construction – working with Techstreet
• GET 802
    – Program still running successfully; 5.5 megadownloads to date.
• Treasurer's report
    – Bob Grow has taken over as Treasurer
    – ~5K loss on November meeting, Operating reserve ~$1.3M
    – Singapore ~800 attendees, ~700 paid; expect a loss of $200K
• 802 representation at June SC6
    – Meeting is in San Diego

- – Various potential agenda items re proposals to replace 802.1AE, 802.1X, 802.11,…
  - – Need to appoint an official 802 rep to attend
  - – JTC1 ad-hoc Weds 8-10 (on 802.11 agenda)
    - – https://mentor.ieee.org/802.11/dcn/11/11-11-0311-00-0jtc-march-agenda.ppt
- 802 Overview & Architecture
  - – WG ballot completed; comments to resolve
  - – Meetings Tues 6-8 PM and Thurs 8-10 AM room 4410A
- Operating rules update
  - – Update to the Chair's guidelines this week
  - – AudCom has reviewed our WG P&P and made some comments
- March 2012 NNA venue
  - – Macau no longer on offer as the sponsor (Huawei) has backed out
  - – Melbourne, Australia is a possibility
  - – Backup position is Hilton Waikoloa Village, Honolulu
- Volunteers for newcomer training?
  - – 802.11 July, 802.16 November, 802.3 March 2012

802.1 PARs
- P802.1Qbp (ECMP)
- P802.1Qbh PAR modification
- DRNI PAR has not been precirculated!

Paul Congdon has established a maintenance system to keep bug reports.

Steve Haddock presented the preliminary Interworking TG Agenda
Pat Thaler presented the preliminary DCB Agenda
Michael Johas Teener presented the preliminary AV Agenda
Security TG will not be meeting this week.

Meeting adjourn at 13:00

Task Group Minutes

Interworking minutes

Monday, 14 March
Meeting called to order at 9:00am.

Stephen Haddock presented patent policy slides. No response to the call for patents.

Stephen Haddock presented the preliminary agenda for the week.

Liaison: Stephen Haddock showed a liaison from the MEF regarding Service Protection over External Interfaces.   This liaison does not require a response, however if any 802.1 participants feel a response is appropriate they may prepare a draft response by the closing plenary.
http://www.ieee802.org/1/files/public/docs2011/liaison-mef-36124-001-draft-liaison-on-svc-prot-across-eis-cohen-0211.doc
http://www.ieee802.org/1/files/public/docs2011/liaison-36047-001-mef-svc-prot-across-eis-draft-0-1-4-cohen-0211.doc

802.1AXbk LinkAgg: John Messenger presented an editor's report and began comment resolution on 802.1AXbk-d1.0 Link Aggregation working group ballot. This is an amendment to include two additional reserved addresses as allowable destination addresses in LACPDUs.   (The scope does not include other modifications to Link Aggregation that have been proposed in the context of new work on Resilient Network Interconnect.)
http://www.ieee802.org/1/files/public/docs2011/axbk-messenger-editor-report-1103-v00.pdf
http://ieee802.org/1/files/private/axbk-drafts/d1/802-1AXbk-d1-0-dis-v1.pdf

Break for 802.1 plenary at 10:50am.
Resume at 2:00pm.

802.1AXbk LinkAgg: John Messenger completed comment resolution on 802.1AXbk-d1.0 Link Aggregation working group ballot.

Liaison: Stephen Haddock showed the following six liaisons, one from the IETF and five from the ITU. There was a brief discussion of each. The first four in the list are do not require a response, however some participants felt some response may be appropriate and may prepare a proposed draft response for consideration on Thursday or at a future meeting.   The last two are "for action" from the ITU meaning a response is solicited. Interested parties were invited to discuss these over the course of the week and generate a draft response for Thursday.
http://www.ieee802.org/1/files/public/docs2011/liaison-ietf-trill-0311.txt
http://www.ieee802.org/1/files/public/docs2011/liaison-ietf-trill-charter-0311.txt
http://www.ieee802.org/1/files/public/docs2011/liaison-itut-sg15-ols-274-0311.zip
http://www.ieee802.org/1/files/public/docs2011/liaison-itut-sg15-ols-279-0311.zip

http://www.ieee802.org/1/files/public/docs2011/liaison-itut-sg15-ols-287-0311.zip
http://www.ieee802.org/1/files/public/docs2011/liaison-itut-sg15-ols-288-0311.doc
http://www.ieee802.org/1/files/public/docs2011/liaison-itut-sg15-ols-277-0311.doc

Maarten Vissers gave a presentation regarding the final liaison in the above list:
http://www.ieee802.org/1/files/public/docs2011/new-vissers-macinmac-in-eotn-pbbn-0311-v00.ppt

Adjourn at 6:00pm.

Tuesday, 15 March

Meeting called to order at 9:00am.
Presented patent policy slides. No response to the call for patents.

802.1aq SPB: Don Fedyk conducted comment resolution on 802.1aq-d3.6 Shortest
Path Bridging working group ballot. Comment dispositions are available in the aq-drafts
folder on the web site.
http://www.ieee802.org/1/files/private/aq-drafts/d3/802-1aq-d3-6-pdis-v1.pdf

Break for lunch at 12:10pm.

Resume at 1:20pm.

802.1aq SPB: Don Fedyk continued comment resolution on 802.1aq-d3.6 Shortest
Path Bridging working group ballot.

New Work: Presentations on Resilient Network Interconnect from Norm Finn and Janos
Farkas:
http://ieee802.org/1/files/public/docs2011/bq-nfinn-AXbq-editing-0311-v01.ppt
http://ieee802.org/1/files/public/docs2011/new-farkas-DRNI-control-0311.pdf

Adjourn at 6:10pm.

Wednesday, 16 March
Joint meeting with Data Center Bridging task group called to order at 9:00am.
Pat Thaler called for patents. No response to the call for patents.

802.1Qbh BPE: Joe Pelissier conducted comment resolution on the working group
ballot of 802.1Qbh-d1.1:
http://ieee802.org/1/files/private/bh-drafts/d1/802-1bh-d1-1-pdisv3.pdf

Break for lunch at 12:20am.

Joint meeting resumed at 1:30pm.

Tony Jeffree led a discussion to resolve comments on the Qbh PAR modification and the ECMP PAR.   We are going to wait until July to submit the Qbh PAR modification, probably in conjunction with a new PAR to make Port Extenders and separate standard.

802.1Qbh BPE: Joe Pelissier concluded comment resolution on the task group ballot of 802.1Qbh-d1.1.

802.1Q-REV VLANs: Tony Jeffree conducted comment resolution of 802.1Q-REV-d1.4 Virtual Bridged LAN sponsor ballot recirculation.
http://www.ieee802.org/1/files/private/q-rev-drafts/d1/

New Work:
Ben Mack-Crane and Ali Sajassi gave presentations on ECMP:
http://ieee802.org/1/files/public/docs2011/new-mackcrane-hash-ECMP-tags-0311.pdf
http://www.ieee802.org/1/files/public/docs2011/new-sajassi-ecmp-bridge-model-0311-v01.pdf

Adjourn at 6:10pm.

Thursday, 17 March

Meeting called to order at 9:00am.
Presented patent policy slides. No response to the call for patents.

New Work:
Janos Farkas continued his presentation on DRNI control:
http://ieee802.org/1/files/public/docs2011/new-farkas-DRNI-control-0311.pdf
Guillermo Ibañez <guillermo.ibanez@uah.es>)gave a presentation on ARP-Path bridging:
http://www.ieee802.org/1/files/public/docs2011/new-ibanez-ARP-Path-and-Broad-path-0311-v5.pdf

Liaison:
Norm Finn led a discussion on a possible response to the ITU-T liaison regarding MAC Purge (ols 288). Don Fedyk led a discussion on a possible response to the IETF liaison regarding TRILL.   John Messenger led a discussion on a possible response to the ITU-T liaison regarding E-OTN.   These possible responses will receive some further editing and be discussed further in the closing plenary.
The final version of any liaison sent (following an approved motion in the closing plenary) can be found on the 802.1 public web site. Specific links can generally be found in the minutes for the 802.1 closing plenary.

Adjourn at 12:25pm.

DCB Minutes

Monday, 14 March, PM
Paul C will take minutes

Pat reviewed agenda – no changes requested
Call for patents was done – no responses

P802.1Qbg: Paul B reviewed the changes to the Qbg draft since last time
Discussion on removing the values in the EVB TLV that advertises the limits of VSI concluded that we should remove them.   The values are system wide limits, but advertised on a per Edge Relay basis and it is unclear what the defaults are.

Tuesday, 15 March, AM
Pat made the call for patents – no responses

P802.1Qbg: Tony presented the status of the Qbg draft.   The plan is to produce another version and run a working group ballot. No objections

Tuesday, 15 March, PM
Discussion of the Manager ID in VDP.
Decision is to separate out a new Manager TLV that is mandatory in each VDP PDU.
This TLV will have a fixed 16 byte field that is essentially an IPv6 address
IPv4 addresses can be represented in the IPv6 format per the IETF RFC on the topic.

Wednesday, 16 March, AM DCB/Interworking Joint meeting

Pat performed the call for patents and there were no responses
P802.1Qbh: Joe Pelissier processed Qbh comments.
Agreement to split the document into multiple documents and standards – one for Port Extenders and another for the changes to 802.1Q.
Discussion of major comment on Qbh about simply using PBB-TE TESI as the mechanism instead of creating a new tag to accomplish the same thing.
Substantial discussion around how port extension will support link aggregation and the implications of E-CID selection.

Wednesday, 16 March, PM DCB/Interworking Joint Meeting

Tony discussed PAR modification and PAR proposals for Qbh and ECMP. We will need a PAR modification motion on Thursday

P802.1Qbh: Resumed Qbh comment resolution
Li Lee presented her proposal to fix the reflective relay issue with Port Extenders when VEPAs are attached to external extended ports. The approach is to have the C-VLAN component clear the E-CID from frames that it is reflecting back to ports that have a VEPA attached. The VEPA will perform the echo-cancellation.

Tony Jeffree processed Q-REV Sponsor Ballot Comments

DCB and Interworking separated for the rest of the day

Wednesday, 16 March, PM
Next steps discussion began.   Qbh would rather not split the document into two, but this needs to be discussed in plenary

Qbg is ready to go to Working Group ballot. There was lots of discussion on how to get the reflective relay request and status parameters correct.

Status on original DCB projects is that they are all done with Sponsor balloting, but need Q-Rev and Qaz to complete.   Qaz completed Sponsor ballot recirc without comment. However, Qaz included the entire LLDP MIB and this is being touched by Q-Rev – this may require another Qaz recirculation to sync-up the Q-Rev changes.

Thursday, 17 March, AM
Pat reviewed the patent policy and made the call for patents. No responses occurred
Pat provided a Qbb and Qaz status update. Editorial notes in Qbb and Qaz needs to be updated to indicated this depends on 802.1Q-2011. To be safe we need to ballot this change
Pat discussed the PAR modifications for Qbh
Gu Yingjie presented a new work proposal.   Migrate Dynamic information on Bridge while VMs migrate. Just a problem statement, no actions taken. Perhaps a proposal in July.
We reviewed potential changes regarding reflective relay mode support. Document changes will be sent to Tony and review will occur in Tuesday phone call meetings.

DCB adjourned.

AVB Meeting Minutes

Monday, 14 March

AVB sessions:

Michael opened with the standard patent slides and then the agenda.

Tony then did comment resolution on 802.1BA.

Christian Boiger gave his presentation on "Talker Worst Case".

http://www.ieee802.org/1/files/public/docs2011/ba-boiger-talker-worst-case-0311.pdf

Lu Huang gave his "Compensation for Asymmetry of Physical Line" presentation.
http://www.ieee802.org/1/files/public/docs2011/as-huang-compensation-for-physical-line-asymmetry-0311.pdf

Tuesday, 15 March

AVB sessions:

Michael opened with the standard patent slides reminder.

Don Pannell covered the gPTP portion of the "Gen 2 Assumptions" document. See below for the link.

Geoff Garner covered the draft of the PAR & 5 Criteria for gPTP Gen 2:

http://www.ieee802.org/1/files/public/docs2011/as-garner-802-1AS-v2-draft-par-v1.pdf

http://www.ieee802.org/1/files/public/docs2011/as-garner-802-1AS-v2-draft-5-Criteria-v1.pdf

Karl Webber gave his presentation on "Identification and importance of factors that contribute to network latency":

http://www.ieee802.org/1/files/public/docs2011/ba-kw-stream-latency-Improvements-0311.pdf

Christian Boiger gave his presentation on "Factors that might improve worst case latency":

http://www.ieee802.org/1/files/public/docs2011/ba-boiger-per-hop-class-a-wc-latency-0311.pdf

Yong Kim gave his presentation on "Very Low-Latency Bridging Options":

http://www.ieee802.org/1/files/public/docs2011/new-kim+goetz-Ultra-Low-Latency-Switching-v5.pdf

Don Pannell gave his presentation on "Latency Improvement Options":

http://www.ieee802.org/1/files/public/docs2011/new-pannell-latency_options-0311-v1.pdf

Wednesday, 16 March

AVB sessions:

Franz-Josef Goetz gave his presentation on "Time synchronization – handling of different time scales?":

http://ieee802.org/1/files/public/docs2011/as-goetz-altern-timescale-0311-v01.pdf

Rodney Cumming gave his presentation on "Multiple Talkers One Stream":

http://www.ieee802.org/1/files/public/docs2011/at-cummings-multi-talkers-one-stream-0311-v2.pdf

Oliver Kleineberg gave his presentation on "Media redundancy for fault tolerance and AVB":

http://www.ieee802.org/1/files/public/docs2011/at-kleineberg-AVB-media-redundancy-0311.pdf

Philippe Klein gave his presentation on "SRP Stream Path Selection":

http://ieee802.org/1/files/public/docs2011/at-phkl-SRP-Stream-Path-Selection-0311-v01.pdf

Philippe Klein gave his presentation on "Transparent Bridge Discovery":

http://ieee802.org/1/files/public/docs2011/at-phkl-Transaparent-Bridge-Discovery-0311-v01.pdf

Yong Kim & Masa Nakamura gave their presentation on "Automotive Ethernet Requirements":

http://www.ieee802.org/1/files/public/docs2011/new-avb-KimNakamura-automotive-network-requirements-0311.pdf

Don Pannell finished up the review of the Assumptions document:

http://www.ieee802.org/1/files/public/docs2011/avb-pannell-gen2-assumptions-0311-v4.pdf

Geoff re-reviewed the PAR & 5 Criteria for PTP Gen 2.

http://www.ieee802.org/1/files/public/docs2011/as-garner-802-1AS-v2-draft-par-v2.pdf

Thursday, 17 March

The morning was spent with a joint AVB / 802.11 joint session. The agenda was:

QoS Maintenance Report

Overview of 802.11aa

MaxRes in 802.11

STA-Bridge Issue – brainstorming

It was agreed that a joint group will be formed to look at the STA-Bridge issue and present the results to both groups.

Closing Plenary (Thursday, March 17, 2011)

Closing Plenary slides are available at:

http://www.ieee802.org/1/files/public/minutes/2011-03-closing-plenary-slides.pdf

The Chair (Tony Jeffree) led discussion of the following items:

- Material already covered in the opening plenary
    - o Officers (no change)
    - o Voter status (see slides)
- Patent policy and call for patent – no response
- Future Interim meetings
    - o May, 2011:
        - ▪ Santa Fe, NM, 9-12 May 2011
        - ▪ http://www.ieee802.org/1/files/public/docs2011/nfinnmay-2011-interim-0211-v5.pdf
    - o September, 2011:
        - ▪ Proposed meeting in Nanjing, 19-22 September, hosted by Ben Mack-Crane/Huawei
        - ▪ http://ieee802.org/1/files/public/docs2011/adminmackcrane-sep11-nanjing-meeting-0311.pdf
    - o January, 2012 (and possibly future January meetings) 9-12 January or the week after
        - ▪ Don Eastlake proposed a new meeting in Kauai, Hawaii
        - ▪ http://ieee802.org/1/files/public/docs2011/admineastlake-jan12-kauai-meeting-0311.ppt
        - ▪ Vote on weeks on January
            - • 9-12th: 21
            - • 16th – 19th: 30
            - • Neither: 2
- Paul Congdon provided JTC1 Ad-Hoc Info for 802.1on ISO/IEC JTC1 SC6 related issues (see closing plenary slides)
- Paul Congdon reported on the first meeting of the Maintenance TG on Monday
    - o http://www.ieee802.org/1/files/public/docs2011/maint-congdon-closing-0316-v1.pdf
    - o http://www.ieee802.org/1/files/public/maint/2011-03-maintenance.pdf
    - o Maintenance system is now live
        - ▪ http://www.ieee802.org/1/maint.html
- Task Group reports:

- o Interworking
  - ▪ P802.1AXbk and P802.1aq comment resolution. New
  - ▪ See motions
- o AVB
  - ▪ 802.1BA comment resolution
  - ▪ PAR/5C discussions for enhancements to 802.1AS
  - ▪ Corrigendum PAR discussions for 802.1AS
  - ▪ See motions
- o DCB
  - ▪ 802.1Qaz, 802.1Qbb and 802.3bd have completed sponsor balloting
  - ▪ Input from IEEE staff editor and RevCom chair is that the Notes are front matter and do not require recirculation.
  - ▪ 802.1Qaz will be recirculated due to the 802.1Q-Rev MIB change and the note will be updated since we need to recirculate.
  - ▪ P802.1Qbg
    - • Reviewed D1.4
    - • Ready to produce 1.5
    - • Requesting WG ballot
  - ▪ P802.1Qbh
    - • Based on WG ballot comment resolution, will be splitting into two projects.
    - • 802.1Qbh for Controlling Bridge
    - • New base standard for Port Extender
    - • Withdrawing PAR revision for this meeting
    - • Interim to produce PAR and Qbh PAR revision for pre-circulation
    - • Requesting WG ballot on the two drafts. The two drafts will be in one PDF for this ballot.
- • Tony PAR actions needed
  - o The following PARs time out this year
    - ▪ P802 (O&A)
    - ▪ P802.1aq (Shortest Path Bridging)
    - ▪ Will need PAR extension requests in July

- Project status (In)Sanity check – current workload review (see slides)

Motions
General 802.1

- Motion to approve the minutes from November 2010 and January 2011 meetings

  http://www.ieee802.org/1/files/public/minutes/2010-11-minutes.pdf

  http://www.ieee802.org/1/files/public/minutes/2011-01-minutes.pdf

    o MackCrane/Thaler
    o Acclamation

- 802.1 will hold a pre-meeting on Monday morning of the July (San Francisco) Plenary

    o Haddock/MackCrane
    o Acclamation

- 802.1 will hold an Interim meeting in September 2011, week 19-22, in Nanjing

    o Mack-Crane/Eastlake
    o Acclamation

Maintenance

- To authorize conference calls of the maintenance task group(subject to 21 days notice)

    o Congdon/Lynch
    o Acclamation

Security

- 802.1 requests EC to forward PAR 802.1AEbn (MAC Security: Amendment - GCM-AES-256 Cipher Suite) PAR to sponsor ballot

    o Congdon/Eastlake
    o 21/0/6 (For/Against/Abstain)

- 802.1 authorizes the Security Task Group to hold teleconferences (subject to notice of at least 21 days to the 802.1 email exploder) to consider the comments received during P802.1AEbn Sponsor Balloting

    o Congdon/Lynch
    o Acclamation

- 802.1 authorizes the Security TG to arrange a liaison meeting with SC6 JTC1 representatives and to authorize teleconferences to consider such liaison, both subject to the usual 21 day notification rule.
    - Congdon/Lynch
    - 29/0/1

DCB

- 802.1 authorizes continuing conference calls for EVB and 802.1Qaz

  Qaz ad hoc weekly 10AM (US Pacific) Thursdays

  EVB ad hoc weekly 8AM (US Pacific) Tuesdays
    - Thaler/Bottorff
    - Acclamation
- 802.1Qbg for WGB
    - Thaler/Bottorff
    - 34/0/0
- 802.1 authorizes the chair to pre-circulation of two PARs/5C to be prepared during the May interim:

  a modification for P802.1Qbh to cover only the changes to 802.1Q to support operating as a Controlling Bridge and

  a new PAR for the rest of the existing Port Extension work.
    - Thaler/Pelissier
    - 33/0/2
- 802.1Qbh editor (Joe Pelissier) to prepare drafts based on the split of the project per comment resolution at the March plenary for WGB
    - Thaler/Pelissier
    - 31/0/5
- 802.1Qaz for Sponsor recirc and to RevCom (conditional on 802.1Q-REV)
    - Thaler/Desanti
    - 34/1/0
- 802.1Qbb to RevCom (conditional to 802.1Q-Rev, 802.1Qaz)
    - Thaler/Desanti
    - 37/0/1
- 802.3bd to RevCom (conditional to 802.1Q-Rev, 802.1Qaz)
    - Thaler/Desanti

- o 31/0/1

AVB

- 802.1 authorizes conference calls as before 9AM (US Pacific) Wednesdays for AVB general topics
  - o Teener/Pannell
  - o 23/1/5
- 802.1BA to sponsor ballot
  - o Teener/Gunther
  - o 27/1/4
- PAR/5C for enhancements to 802.1AS at the May Interim and pre-submit to EC in time for the July Plenary
  - o Teener/Garner
  - o 29/0/4
- Corrigendum PAR for 802.1AS at the May Interim and pre-submit to EC in time for the July Plenary
  - o Teener/Garner
  - o 26/0/2

Interworking

- 802.1 requests conditional approval to submit 802.1Q-REV to RevCom
  - o Haddock/Mack-Crane
  - o 38/0/01
- 802.1 requests approval from EC to submit P802.1Qbp to NesCom
  - o Haddock/Mack-Crane
  - o 29/1/5
- 802.1aq to WG recirculation Balloting
  - o Haddock/Fedyk
  - o 33/0/3
- 802.1 requests conditional approval from the EC to submit 802.1Qbc to RevCom (conditional on 802.1Q-REV success of final recirculation SB)
  - o Haddock/Mack-Crane
  - o 29/0/1

- 802.1 requests conditional approval from the EC to submit 802.1Qbe to RevCom (conditional on 802.1Q-REV success of final recirculation SB)
    - Haddock/Finn
    - 25/0/3
- 802.1Qbf to SB
    - Haddock/Sultan
    - 23/0/4
- 802.1AXbk to WG recirculation Balloting
    - Haddock/Messenger
    - 30/0/0
- 802.1AC to WG recirculation Balloting
    - Haddock/Messenger
    - 25/0/3
- 802.1 authorizes conference calls weekly 8:30AM (US Pacific) Thursdays for ECMP for SPB
    - Sajassi/Mack-Crane
    - 22/1/6
- 802.1 approves the liaison letter responding to the ITU-T Q9/15 liaison LS-288 regarding MAC Purge requirements:
  http://www.ieee802.org/1/files/public/docs2011/liaison-nfinn-802-to-sg15-re-288-0311-v6.pdf
    - Haddock/Finn
    - 33/0/2
- 802.1 approves the liaison letter responding to the IETF liaison regarding TRILL re-chartering:
  http://www.ieee802.org/1/files/public/docs2011/liaison-response-to-ietf-re-trill-0311.pdf
    - Haddock/Fedyk
    - 28/0/7
- 802.1 authorizes the Interworking TG to develop a response to the ITU-T Q10/15 liaison LS-277 regarding E-OTN requirements during the May Interim meeting. The Chair will conduct an email ballot of the resulting document.
    - Haddock/Mack-Crane
    - 24/0/5
      (***NOTE: This reflects the correct Question in Study Group 15, per comment from David Martin regarding the posted closing plenary slides.***)

Closing Plenary adjourned