

IEEE 802 Plenary Meeting
 March 2013, Orlando, Florida, US
802.1 Meeting Minutes, 18-21 March 2013

Attendees

<i>Last Name</i>	<i>First Name</i>	<i>Middle Name</i>	<i>Affiliation</i>
Aoshima	Kenji		Hitachi Cable,ltd
Arnold	Douglas		Symmetricom
Bickford	Charles		Enterasys Networks, Inc.
Boiger	Christian		Deggendorf University of Applied Sciences, Hirschmann Automation and Control, Inc.
Booth	Brad		Dell
Bottorff	Paul		Hewlett-Packard Development Company, L.P.
Cheng	Weiyang		Tellabs
Crupnicoff	Diego		Mellanox Technologies
Cummings	Rodney		National Instruments Corporation
Diamond	Patrick		Semtech Ltd
DIARRA	Kader		Robert Bosch GmbH
Farkas	Janos		Ericsson
Fedyk	Donald		Alcatel-Lucent
Finn	Norman		Cisco Systems, Inc.
flaherty	stephen		Enterasys Networks, Inc.
Fredette	Andre		Extreme Networks
Garner	Geoffrey		broadcom corporation, marvell semiconductor, siemens ag, hirschmann
Ghanwani	Anoop		Dell
Goetz	Franz		Siemens AG
Gravel	Mark		Hewlett-Packard Development Company, L.P.
Gray	Eric		Ericsson AB
Gunther	Craig		Harman International
Haddock	Stephen		Stephen Haddock Consulting, LLC
Hagen	Mikkel		University of New Hampshire InterOperability Laboratory (UNH-IOL)
Hayakawa	Hitoshi		Hitachi, Ltd.
Heath	Jeffrey		Linear Technology
Heer	Tobias		Hirschmann Automation and Control, Inc.
Hitt	Jeremy		Dell
Hussain	Rahil		ABB, Inc.
Jakovljevic	Mirko		TTTech Computertechnik AG

Jeffree	Anthony	HP, Broadcom
Jochim	Markus	General Motors Company
Johas Teener	Michael	Broadcom Corporation
Kiessling	Marcel	Siemens AG
Kim	Yongbum	Broadcom Corporation
Klein	Philippe	Broadcom Corporation
Kleineberg	Oliver	Hirschmann Automation and Control, Inc.
Lynch	Jeff	IBM
Mack-Crane	Thomas	Huawei Technologies Co. Ltd
McIntosh	James	Vitesse Semiconductor Corporation
Messenger	John	ADVA Optical Networking Ltd.
Moldovansky	Anatoly	Rockwell Automation
Multanen	Eric	Intel Corporation
Muyshondt	Henry	MOST Cooperation
Olsen	David	Harman International Industries, Inc.
Pannell	Donald	Marvell Semiconductor, Inc.
Parsons	Glenn	Ericsson AB
Randall	Karen	NSA/IAD
Romascanu	Dan	Avaya Inc.
Rouyer	Jessy	Alcatel-Lucent
Saltsidis	Panagiotis	Ericsson AB
Schell	Rick	Verizon
Sexton	Daniel	General Electric Company (GE)
		University of Duisburg-Essen and General
Specht	Johannes	Motors Company
Steiner	Wilfried	TTTech Computertechnik AG
Stokes	Olen	Extreme Networks
Teixeira	Antonio	Nokia Siemens Networks
Teixeira	Antonio L	Nokia Siemens Networks
Thaler	Patricia	Broadcom Corporation
Touve	Jeremy	Alcatel-Lucent
Tretter	Albert	Siemens AG
Unbehagen	Paul	Avaya Inc.
Wei	Yuehua	ZTE Corporation
Weibel	Hans	Zurich University of Applied Sciences
		China Academy of Telecommunication
Zhang	Hengsheng	Research (CATR)

Opening Plenary (Monday, 18 March, 2013)

The Chair (Tony Jeffree) presented the opening plenary slides. See Tony's opening plenary slides at:

<http://www.ieee802.org/1/files/public/minutes/2013-03-opening-plenary-slides.pdf>

General information is here:

<http://www.ieee802.org/1/files/public/minutes/802-1-general-info-v3.pdf>

The Chair reviewed general administrative information, including meeting "decorum" (or rules - including the policy on recording and/or reporting of meetings), hotel and meeting room security, 802.1 officers, web-site and access information, eligible voters, etc. See slides for details.

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, 2013 – Victoria, BC, Canada
 - Co-located with 802.3 in Fairmont Empress
 - Hosted by the Ethernet Alliance
 - May 14-17 (Tuesday – Friday), 2013
 - See slides for additional information (at <http://www.ieee802.org/1/files/public/docs2012/admin-ea-may12hosting-1112.pdf>)
- September, 2013 – York, UK
 - Co-located with 802.3 at York Racecourse meeting venue
 - Hosted by Adva Optical (John Messenger)
 - September 3-6 (Tuesday – Friday), 2013
 - Several nearby (20-45 minute walk) hotels

- See slides for additional information (at <http://www.ieee802.org/1/files/public/docs2013/admin-messenger-sep13-york-meeting-0213-v01.pdf>)
- The Registration site is currently up and persons intending to participate should register as soon as possible
- January, 2014
 - Possible joint meeting with 802.11 Los Angeles, week of 19-24

Max Riegel gave a presentation on the OmniRAN EC Study Group activities. <http://www.ieee802.org/1/files/public/docs2013/liaison-omniran-introduction-ieee802-0313.pptx>
 There were a number of questions about the presentation.

EC Report - See opening plenary slides for additional information and details.

- David Law is now SASB vice-chair
- IoT initiative soliciting input
- RAC
 - Bob Grow is the new RAC Chair
 - Glenn Parsons is "Past Chair"
 - OUI Tiers (see slides)
 - Glenn Presented at IETF last week
 - There will be a new tier between 4K and 16M (1M)
 - New "Company ID" defined
- Brian Kiernan received 2013 Hans Karlsson Award
- Encourage nominations of IEEE Senior members for Fellowships
- 802 Chair open office 6:00 to 7:30
- Tutorials
 - Q Bridging (6:00 – 7:30)
 - Shared 5GHz bands update (7:30 – 9:00)
- O&A meetings
 - 1:30 – 3:00 Monday
 - 10:30 – 12:30 Thursday
- SA SB draft sharing ad-hoc
 - Sharing drafts between WG's okay, but how much and when is up to individual WGs
- Joint meeting with IETF leadership
 - 802.1 experts gave a tutorial to the IETF last week
 - Continue Teleconferences (next in 2 Months) and Face-to-face meetings (next in about 18 months)
 - Need to complete updates to RFC 4441
- Future Plenary venues (see slides)
- Central Desktop
 - Potentially useful application
 - Christina will be available to discuss
 - Wednesday 1:00 – 4:00 PM
 - Thursday 1:00 – 5:00 PM
 - There was some disagreement in the room as to how useful this is
- Brief Treasurer's Report – 2012 end reserve: \$1,108,000

- Program “get802” still working well
 - Most requested: 802.11-2012
 - Still most frequent users are students

Submission of 802.1 standards to ISO/IEC

- 802.1X, 802.1AE already in process
- Need to decide what we do with regard to:
 - 802.1Q
 - 802.1AB (LLDP)
 - 802.1BR (Port Extender)
 - 802.1AC (MAC Service)
 - 802.1AR (Secure Device ID)
 - 802.1AS (Time Synch)
 - 802.1BA (AVB Systems)
 - 802.1AX (Link Aggregation)
 - 802 (O&A)
- The sense of those participating was that we need to prioritize based on
 - Importance as standards
 - Timing

Liaisons, etc.

- Joint meetings
 - Tuesday (all day) – Interworking/TSN
 - Thursday 8:00 – 10:00 802.1/802.11 – Bridging issues
- IEEE 802 JTC1 standaing committee meetings
 - Tuesday, Wednesday and Thursday

802.1Q Revision/802.1D roll-up

- Second draft of Q-REV circulated
- Some issues still to resolve
- Will be discussed in Interworking this week

802.1 PARs – 3

- 802.1Qcb – amendment for Frame Replication and Elimination for Reliability (PAR&5C)
- 802 – Overview and Architecture – Par Modification request
- 802.1AC revision PAR

Other WG PARs - 4

- 802.3bm – PAR Modification request & updates to 5C
- 802.3bq – amendment for 40GBase-T, PAR and 5C
- 802.15.4p – PAR modification request
- 802.21c – PAR Extension

PAR information is available at <http://grouper.ieee.org/groups/802/PARs.shtml>.

Task Group agendas:

- Steve Haddock presented the preliminary Interworking TG
- Michael Johas-Teener presented the AVB agenda
- Glenn Parsons summarized the maintenance agenda for the week.

Meeting adjourned at 2:45 PM.

Task Group Minutes

Interworking minutes

Monday, 18 March

Meeting called to order at 9:00am.

Stephen Haddock presented the preliminary agenda for the week:

<http://www.ieee802.org/1/files/public/docs2013/admin-interworking-agenda-0313-v0.pdf>

Ben Mack-Crane presented patent policy slides. No response to the call for patents.

802.1Qbp ECMP: Ben Mack-Crane began comment resolution on the first working group ballot for 802.1Qbp-d1.3 SPBM Equal Cost MultiPath:

<http://ieee802.org/1/files/private/bp-drafts/d1/802-1bp-d1-3-dis.pdf>

Break at 10:30am for the 802.1 Opening Plenary.

Resume at 3:00pm.

Stephen Haddock reviewed the incoming liaisons that need to be looked at this week.

802.1Q-Rev: Tony Jeffree introduced 802.1Q-REV-d0.2 with particular attention to remaining items that need to be done to incorporate 802.1D. Stephen Haddock gave a presentation highlighting some issues with MMRP coupling between Customer and Provider networks:

<http://www.ieee802.org/1/files/private/q-2013-drafts/d0/IEEE802-1Q-REV-2013-d0-2.pdf>

<http://ieee802.org/1/files/public/docs2013/qrev-haddock-provider-mmrp-0313-v02.pdf>

Adjourn at 5:30pm.

Tuesday, 19 March

Joint meeting of Interworking and Time Sensitive Networking (TSN -- formerly known as AVB) Task Groups called to order at 9:00am.

Stephen Haddock made the call for patents. There was no response.

Norm Finn summarized his objection to the proposed PAR for Replication and Elimination for Reliability (aka Seamless Redundancy) that he originally sent to the 802.1 email exploder. Oliver Kleineberg and Markus Jochim gave presentations in response:

<http://www.ieee802.org/1/private/email2/msg20017.html>
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-kleineberg-seamless-overview-0318-v2.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-jochim-seamless-redundancy-discussion-0313-v1.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-boiger-seamless-availability-draft-par-0113-v03.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-boiger-seamless-availability-draft-5C-0113-v03.pdf>

SRP: Norm Finn and Rodney Cummings, gave presentations on issues and proposed enhancements to SRP.

<http://www.ieee802.org/1/files/public/docs2013/new-tsn-nfinn-non-1722-SRP-0313-v01.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-cummings-improving-srp-with-rsvp-0313-v1.pdf>

Break at 12:30pm

Resume at 1:00pm

SRP: Craig Gunther and Andre Fredette gave a presentation on proposed enhancements to SRP.

<http://www.ieee802.org/1/files/public/docs2013/new-tsn-cgunther-SRP-next-gen-0313-v01.pdf>

802.1Qca PCR: Janos Farkas gave an update on Qca:

<http://www.ieee802.org/1/files/public/docs2013/ca-farkas-editors-notes-0313-v01.pdf>
<http://www.ieee802.org/1/files/private/ca-drafts/d0/802-1ca-d0-0.pdf>

New work: Nirmala Shenoy gave a proposal for a meshed tree routing algorithm:

<http://www.ieee802.org/1/files/public/docs2013/new-nshenoy-meshedtreebridging-0313.pptx>

Transparent Clocks: Glenn Parsons gave an update on the feedback from a presentation he and John Messenger gave to ITU-T regarding IEEE 1588 and liaison 443 from the ITU to 802.1:

<http://www.ieee802.org/1/private/contrib/liaison-parsons-response-supporting-ols-443-0313-v1.pdf>

New work: Roger Marks gave a presentation regarding 802.16 and bridging:

<http://www.ieee802.org/1/files/public/docs2013/admin-Marks-80216-bridging-0313.pdf>

Adjourn at 5:30pm.

Wednesday, 20 March

Meeting called to order at 9:00am.

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

802.1AX-Rev DRNI: Panagiotis Saltsidis conducted comment resolution on the task group ballot of 802.1AX-REV-d1.0 Link Aggregation with Distributed Resilient Network Interconnect. Norm gave a presentation in support of his comments on extending the length of LACPDUs:

<http://www.ieee802.org/1/files/public/docs2013/axrev-saltsidis-project-status-0313-v01.pdf>

<http://www.ieee802.org/1/files/private/ax-rev-drafts/d1/802-1AX-REV-d1-0-dis-v01.pdf>

<http://www.ieee802.org/1/files/public/docs2013/axrev-nfinn-long-lacpdu-0213-v01.pdf>

Break at 12:45 pm

Resume at 1:30 pm

802.1Qbp ECMP: Ben Mack-Crane concluded comment resolution on the first working group ballot of 802.1Qbp-d1.3 SPBM Equal Cost MultiPath:

<http://ieee802.org/1/files/private/bp-drafts/d1/802-1bp-d1-3-dis.pdf>

802.1AX-Rev DRNI: Panagiotis Saltsidis concluded comment resolution on the task group ballot of 802.1AX-REV-d1.0 Link Aggregation with Distributed Resilient Network Interconnect. Nigel Bragg gave a presentation in support of his comments on the time shared network/IPL link:

<http://ieee802.org/1/files/public/docs2013/axrev-nbragg-flooding-issue-0313-v1.pdf>

Adjourn at 5:00pm.

Thursday, 21 March

Joint meeting of 802.11ak and 802.1 TSN and IWK called to order at 8:00am.

Donald Eastlake gave the call for patents. There was no response.

Official minutes will be taken by 802.11.

802.1Qbz WWB: Phillippe Klein and Norm Finn gave presentations on wireless bridging architectures:

<https://mentor.ieee.org/802.11/dcn/13/11-13-0221-02-ak>

<http://www.ieee802.org/1/files/public/docs2013/bz-nfinn-802-1Q-changes-0313-v01.pdf>

Adjourn Joint meeting at 10:00 am

TSN Meeting Minutes

Monday, 18 March 0800-1030, TSN pre-meeting

Michael Johas Teener presented Administration, Patent Policy, and Agenda. There was no response to the call for patents.

Geoff Garner presented 802.1AS-Cor-1 Sponsor Ballot Comment Resolution (Part 1)
<http://www.ieee802.org/1/files/private/as-cor-1-drafts/d3/802-1AS-Cor-1-d3-0-pdis.pdf>

Don Pannell presented pDelay and Other AS Issues
<http://www.ieee802.org/1/files/public/docs2013/AS-Cor-pannell-pdelay-issues-0313-v1.pdf>

1400-1800

Geoff Garner presented 802.1AS-Cor-1 Sponsor Ballot Comment Resolution (Part 2)
<http://www.ieee802.org/1/files/private/as-cor-1-drafts/d3/802-1AS-Cor-1-d3-0-pdis.pdf>

Daniel Sexton presented Options for Time Aware Shapers
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-sextonda-time-aware-shaper-options-20130316-v01.pdf>

Johannes Specht presented Talker Scheduled Traffic
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-specht-talker-scheduled-traffic-support-20130318.pdf>

Tuesday, 19 March 0900-1800

Joint meeting with 802.1 Interworking task group

Norm Finn presented Concerns about Qcb Project
<http://www.ieee802.org/1/private/email2/msg20017.html>

Christian Boiger, Franz Joseph Goetz, Markus Jochim, Oliver Kleineberg, Johannes Specht, and Karl Weber presented Response to Concerns about Qcb (and Discussion)
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-jochim-seamless-redundancy-discussion-0313-v1.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-kleineberg-seamless-overview-0318-v2.pdf>

Norman Finn presented SRP and Non-1722 Applications
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-nfynn-non-1722-SRP-0313-v01.pdf>

Rodney Cummings presented Improving SRP with Techniques from RSVP
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-cummings-improving-srp-with-rsvp-0313-v1.pdf>

Craig Gunther and Andre Fredette presented SRP Next Generation
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-cgunther-SRP-next-gen-0313-v01.pdf>

János Farkas presented Qca Editor's Report

<http://www.ieee802.org/1/files/public/docs2013/ca-farkas-editors-notes-0313-v01.pdf>

Wednesday, 20 March

0900-1800

Marcel Kiessling presented Improvements for gPTP Gen 1

<http://www.ieee802.org/1/files/public/docs2013/as-kiessling-Improvements-4-gPTP-Gen-1-v3.ppt>

Franz Joseph Goetz presented High Available Synchronization

<http://www.ieee802.org/1/files/public/docs2013/asbt-goetz-HighAvailableSync-0319-v02.pdf>

Johanens Specht presented AVB for Automotive Control

<http://www.ieee802.org/1/files/public/docs2013/new-tsn-specht-avb1-automotive-control-20130318.pdf>

Tony Jeffree discussed response to comments on Qcb PAR.

Franz Joseph Goetz presented IEEE 802.1AS in IEEE 1588v3

<http://www.ieee802.org/1/files/public/docs2013/asbt-goetz-FeaturList-IEEE1588v3-0319-v01.pdf>

Don Pannell presented Supporting Cut Through with Qbv

<http://www.ieee802.org/1/files/public/docs2013/Qbv-pannell-supporting-cut-through-0313-v1.pdf>

Christian Boiger presented Time Aware Shaper in Combination with Qbu

<http://www.ieee802.org/1/files/public/docs2013/bu-boiger-TAS-in-combination-with-Qbu-0313.pdf>

Christian Boiger presented Time Aware Shaper - Flush Queue Event

<http://www.ieee802.org/1/files/public/docs2013/bv-boiger-TAS-flush-queue-0313.pdf>

Marcel Kiessling presented Why an Additional Shaper

<http://www.ieee802.org/1/files/public/docs2013/new-tsn-kiessling-Why-an-additional-Shaper-0313-v3.pdf>

Johannes Specht presented Latency Considerations for Non-Scheduled/Reserved Traffic

<http://www.ieee802.org/1/files/public/docs2013/new-tsn-specht-urgency-based-scheduler-20130320.pdf>

Thursday, 21 March

0800-1000

Joint meeting on Wired/Wireless Bridging with 802.1 Interworking task group and 802.11ak working group. Refer to Interworking minutes.

1030-1230

Aboubacar Diarra presented OSI Layers in Automotive Networks

<http://www.ieee802.org/1/files/public/docs2013/new-tsn-diarra-osi-layers-in-automotive-networks-0313-v01.pdf>

Tony Jeffree discussed proposed text for peristaltic shaper.

Michael Johas Teener presented Proposal for Time Synch Standards Unification
<http://www.ieee802.org/1/files/public/docs2013/as-mjt-time-synch-unification-for-IETF-and-1588-0313.pdf>

Philippe Klein presented 802.1 TSN Rev Tasks
<http://www.ieee802.org/1/files/public/docs2013/tsn-rev2-task-0113-v3.pdf>

DCB Meeting Minutes

Wednesday, 20 March

Pat presented Patent and Policy slides 1-4 and made the call for essential patents.

There were no responses.

Agenda:

- Proposal for new work.
- Maintenance on 802.1Qbg.

DCB Application VLAN ID TLV -- Jeremy Hitt, Dell

- Make things easier to manage by providing the VLAN from the bridge.
- A way to avoid the manual process
- Mainly motivated by iSCSI.

Pat: Could be useful for providing the default FCoE VLAN as well (the one on which discovery is run).

Paul: We do something like this but not sure if I can support this.

Pat: This would have to be its own project.

Next step is to draft a PAR and 5C. Will ask for approval to pre-circulate a PAR/5C on Thursday.

802.1Qbg maintenance -- Glenn Parsons, Ericsson

- 8 items -- 91, 92, 93, 101, 102, 105, 106, 107. Also 104.
- All requests here: <http://www.ieee802.org/1/files/public/maint/requests/all.html>

Resolutions are captured in the latest rev of the maintenance presentation.

Maintenance Meeting Minutes

Are available at <http://www.ieee802.org/1/files/public/maint/2013-03-maintenance.pdf>

Closing Plenary (Thursday, March 21, 2013)

Closing Plenary slides are available at:

<http://www.ieee802.org/1/files/public/minutes/2013-03-closing-plenary-slides.pdf>

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

- New voters out of this week
- Material already covered in the opening plenary
 - Officers (no change)
 - New upload area: access via <http://ieee802.org/1/filenaming.html>
 - Voter status (see slides)
- Patent policy and call for potentially essential patents – no response
- ISO/IEC JTC 1/SC6 – Andrew Myles gave a short presentation on progress and possible actions to take
- Future Interim meetings
 - May 2013: Co-located with 802.3, Fairmont Empress in Victoria, BC, hosted by Ethernet Alliance (Week of May 13-17)
 - September 2013:
 - Possible co-located meeting with 802.3, York, UK 2-6
 - Possible co-located meeting with 802.11, China Sept 15-20
 - January 2014: Joint with 802.11 in LA, 19-24 January?
- The Chair sought guidance from the group as to how to vote on the extension of the EC Study Group for OmniRAN
 - There is already work going on in 3GPP
 - <http://www.3gpp.org/ftp/Specs/html-info/23852.htm>
- There was a presentation on Meshed Tree Bridging following an attempt to create a PAR
 - <http://www.ieee802.org/1/files/public/docs2013/new-nshenymeshedtreebridging-0313.pptx>
- There are some changes being proposed to the 5 Criteria
 - <https://mentor.ieee.org/802-ec/dcn/13/ec-13-0009-01-00EC-proposed-5c.pdf>
- The Chair discussed potential plans to submit 802.1 Standards to ISO/IEC and a discussion to continue after the closing plenary. See slide 17 for details.
- Project status (In)Sanity check – current workload review (see slides)

- Task Group reports were given for the following areas (see individual task group minutes and/or status from above for details):
 - Interworking – Steve Haddock provided a summary of this week’s work
 - There were some small changes in the agenda over the course of the week
 - See Interworking minutes above
 - Security – Tony reported that the sponsor ballot 802.1AEbw has closed
 - Maintenance – Glenn Parsons reported progress made
 - Minutes are available via the IEEE 802.1 maintenance site at: <http://www.ieee802.org/1/files/public/maint/2013-03-maintenance.pdf>
 - AVB – Michael Johas-Teener provided an update on AVB work
 - DCB – Pat reported that there was a small amount of E-Mail activity
 - O&A – Tony gave a brief status on recent Sponsor Ballot comments

Motions

General 802.1

- Approve the minutes from November 2012, and January 2013 meetings
<http://www.ieee802.org/1/files/public/minutes/2012-11-minutes.pdf>
<http://www.ieee802.org/1/files/public/minutes/2013-01-minutes.pdf>
<http://www.ieee802.org/1/files/public/minutes/2013-02-security-tg-minutes.txt>
 - Acclamation
- Hold pre-meeting(s) on Monday Morning at the July 2013 Plenary meeting
 - Acclamation
- Motion to direct the Chair to vote against extending the OmniRAN ECSG (see slide 23)
 - For – 23 Against – 1 Abstain – 3

Interworking

- Authorize 1-hour teleconference meetings through the July 2013 Plenary, every Monday starting 8 April at 5 P.M. Eastern US time for the 802.11 Bridging study group, access details to be announced on the 802.1 reflector.
 - Acclamation
- Authorize the editor of P802.1AX-REV (Panos Saltisidis) to prepare a draft for Task Group balloting
 - For – 30 Against – 0 Abstain – 0
- Authorize the editor of P802.1Q-REV (Tony Jeffree) to prepare a draft for Task Group balloting
 - For – 30 Against – 0 Abstain – 0

- Authorize the editor of P802.1Qbp (Ben Mack-Crane) to prepare a draft for Working Group balloting
 - For – 31 Against – 0 Abstain – 2
- Authorize the editor of P802.1Qbz (Norm Finn) to prepare a draft for Task Group balloting
 - For – 32 Against – 0 Abstain – 1
- Authorize the editor of P802.1Qca (Janos Farkas) to prepare a draft for Task Group balloting
 - For – 32 Against – 0 Abstain – 0
- Requests EC approval to forward the P802.1AC revision PAR to NESCOM
 - For – 32 Against – 0 Abstain – 0
- Approve the response to the MEF liaison L00171-000 (CFM Vendor Specific PDUs)
 - For – 28 Against – 0 Abstain – 3

Maintenance

- Authorize the chair to progress with the submission to ISO/IEC JTC1 SC6, through the PSDO process, the following IEEE Standards so that they can become ISO/IEC/IEEE Standards:
 - 802.1AS (Time Synch)
 - 802.1AB (LLDP)
 - 802.1AR (Secure Device ID)
 - For – 27 Against – 0 Abstain – 0
- Authorize a teleconference meeting of the Maintenance Task Group on May 3rd and July 5th at 11 A.M. US Eastern Time
 - Acclamation
- Request EC conditional approval for forwarding P802.1AB-Cor1 to RevCom
 - For – 29 Against – 0 Abstain – 1
- Authorize the chair to request EC approval via EC email ballot for forwarding P802.1AS-Cor1 to RevCom upon completion of sponsor balloting
 - For – 24 Against – 0 Abstain – 5

TSN

- Continue weekly teleconference meetings of the TSN task group 9 AM (US Pacific Time) Wednesday for AVB general topics. Access information will be sent to the 802.1 reflector immediately after the plenary
 - Acclamation
- Request EC approval to forward the P802.1CB PAR to NESCOM
 - For – 21 Against – 1 Abstain – 8
- Authorize TSN Task Group to develop a PAR and 5C for “SRP Enhancements and Performance Improvements” amendment to 802.1Q at the May interim meeting and for the Chair to pre-circulate them as per P&P
 - For – 22 Against – 0 Abstain – 7

DCB

- Authorize teleconference meetings of the DCB task group with access information sent to the reflector immediately after the plenary. These calls will be used to discuss possible new work. Tentatively planned for:
 - Tuesday, 16 April and Tuesday 18 June 2013
 - 8 AM –10 AM (US Pacific)
 - Approved by acclamation
- Authorize the DCB task group to develop a draft amendment PAR/5C for enhancement to DCBX at the May Interim meeting and authorize the Chair to pre-submit the PAR/5C to the EC in time for the July Plenary
 - For – 22 Against – 0 Abstain – 7

Security

- Authorize the Chair of the Security task group to hold a teleconference meeting on 9 April, 2013 at 10 AM Pacific Time to discuss the SC6 PSDO progression of 802.1X and 802.1AE and to discuss P802.1Xbx
 - Approved by acclamation

Closing Plenary adjourned

Contributions for the meeting

Prior to 18 March

<http://www.ieee802.org/1/files/public/docs2013/admin-messenger-sep13-york-meeting-0213-v01.pdf>
<http://www.ieee802.org/1/files/public/docs2013/admin-messenger-sep13-york-meeting-0213-v01.pptx>
<http://www.ieee802.org/1/files/public/docs2013/ae-seaman-macsec-hops-0213-v02.pdf>
<http://www.ieee802.org/1/files/public/docs2013/ae-weis-mka-suspension-0113.pdf>
<http://www.ieee802.org/1/files/public/docs2013/avb-mjt-et-all-AVB-for-IEEE-Smart-Home-0213.pdf>
<http://www.ieee802.org/1/files/public/docs2013/liaison-100170-000-mef-1q2013-liaison-from-mef-on-soam-ad-and-lb-bencheck-02143.doc>
<http://www.ieee802.org/1/files/public/docs2013/liaison-100171-000-mef-1q2013-liaison-from-mef-on-use-of-mips-bencheck-0213.doc>
<http://www.ieee802.org/1/files/public/docs2013/bz-nfinn-802-1Q-changes-0313-v01.pdf>
<http://www.ieee802.org/1/files/public/docs2013/axrev-nfinn-long-lacpdu-0213-v01.pdf>
<http://www.ieee802.org/1/files/public/docs2013/axrev-nfinn-data-plane-0313-v01.pdf>
<http://www.ieee802.org/1/files/public/docs2013/avb-tj-peristaltic-shaper-in-clause-8-style-0313-v1.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-nfinn-802-1AC-changes-0313-v01.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-jochim-seamless-redundancy-discussion-0313-v1.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-nfinn-non-1722-SRP-0313-v01.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-sextonda-time-aware-shaper-options-20130316-v01.pdf>

18 March

<http://www.ieee802.org/1/files/public/docs2013/AS-Cor-pannell-pdelay-issues-0313-v1.pdf>
<http://www.ieee802.org/1/files/public/docs2013/admin-interworking-agenda-0313-v0.pdf>
<http://www.ieee802.org/1/files/public/docs2013/liaison-omniran-introduction-ieee802-0313.pptx>
<http://www.ieee802.org/1/files/public/docs2013/maint-parsons-opening-0313-v1.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-specht-avb1-automotive-control-20130318.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-specht-talker-scheduled-traffic-support-20130318.pdf>
<http://www.ieee802.org/1/files/public/docs2013/grev-haddock-provider-mmrp-0313-v01.pdf>

19 March

<http://www.ieee802.org/1/files/public/docs2013/Qbv-pannell-supporting-cut-through-0313-v1.pdf>
<http://www.ieee802.org/1/files/public/docs2013/ca-farkas-editors-notes-0313-v01.pdf>
<http://www.ieee802.org/1/files/public/docs2013/liaison-parsons-response-supporting-ols-443-0313-v1.pdf>
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<http://www.ieee802.org/1/files/public/docs2013/new-tsn-cgunther-SRP-next-gen-0313-v01.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-cummings-improving-srp-with-rsvp-0313-v1.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-diarra-osi-layers-in-automotive-networks-0313-v01.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-kleineberg-seamless-overview-0318-v1.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-kleineberg-seamless-overview-0318-v2.pdf>

20 March

<http://www.ieee802.org/1/files/public/docs2013/as-kiessling-Improvements-4-gPTP-Gen-1-v3.ppt>
<http://www.ieee802.org/1/files/public/docs2013/asbt-goetz-Featurlist-IEEE1588v3-0319-v01.pdf>
<http://www.ieee802.org/1/files/public/docs2013/asbt-goetz-HighAvailableSync-0319-v01.pdf>
<http://www.ieee802.org/1/files/public/docs2013/asbt-goetz-HighAvailableSync-0319-v02.pdf>
<http://www.ieee802.org/1/files/public/docs2013/axrev-nbragg-flooding-issue-0313-v1.pdf>
<http://www.ieee802.org/1/files/public/docs2013/axrev-saltsidis-project-status-0313-v01.pdf>
<http://www.ieee802.org/1/files/public/docs2013/bu-boiger-TAS-in-combination-with-Qbu-0313.pdf>
<http://www.ieee802.org/1/files/public/docs2013/bv-boiger-TAS-flush-queue-0313.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-802-1ac-revision-par-text-0313.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-p802-1CB-draft-5c-0313.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-p802-1CB-draft-par-0313.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-kiessling-Why-an-additional-Shaper-0313-v3.pdf>
<http://www.ieee802.org/1/files/public/docs2013/new-tsn-specht-urgency-based-scheduler-20130320.pdf>

21 March

<http://www.ieee802.org/1/files/public/docs2013/admin-interworking-agenda-0313-v1.pdf>
<http://www.ieee802.org/1/files/public/docs2013/as-mjt-time-synch-unification-for-IETF-and-1588-0313.pdf>
<http://www.ieee802.org/1/files/public/docs2013/liaison-l00171-000-mef-ieee-response-0313-v0.docx>
<http://www.ieee802.org/1/files/public/docs2013/maint-parsons-closing-0313-v1.pdf>
<http://www.ieee802.org/1/files/public/docs2013/maint-parsons-closing-0313-v2.pdf>
<http://www.ieee802.org/1/files/public/docs2013/maint-parsons-session-0313-v2.pdf>
<http://www.ieee802.org/1/files/public/docs2013/grev-haddock-provider-mmmp-0313-v02.pdf>
<http://www.ieee802.org/1/files/public/docs2013/tsn-rev2-task-0113-v3.pdf>