802.1 Plenary – November 2018 Bangkok, Thailand

Closing Agenda

Glenn Parsons – IEEE 802.1 WG Chair
glenn.parsons@ericsson.com

802.1 plenary agenda

Monday opening

Call for Patents

Participation guidelines

Administrative

Membership status

Future Meetings

802 reports

Sanity check – current projects

Incoming Liaisons

TG agendas

Thursday closing

Call for Patents

Membership status

Future Meetings

Sanity check – current projects

802 reports

TG reports

Outgoing Liaisons

Motions for EC

Motions for 802.1

Instructions for the WG Chair

The IEEE-SA strongly recommends that at each WG meeting the chair or a designee:

- **Show slides #1 through #4 of this presentation**
- **Advise the WG attendees that:**
  - IEEE's patent policy is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
  - Early identification of patent claims which may be essential for the use of standards under development is strongly encouraged;
  - There may be Essential Patent Claims of which IEEE is not aware. Additionally, neither IEEE, the WG, nor the WG Chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.

- **Instruct the WG Secretary to record in the minutes of the relevant WG meeting:**
  - That the foregoing information was provided and that slides 1 through 4 (and this slide 0, if applicable) were shown;
  - That the chair or designee provided an opportunity for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard
  - Any responses that were given, specifically the patent claim(s)/patent application claim(s) and/or the holder of the patent claim(s)/patent application claim(s) that were identified (if any) and by whom.

- The WG Chair shall ensure that a request is made to any identified holders of potential essential patent claim(s) to complete and submit a Letter of Assurance.
- It is recommended that the WG Chair review the guidance in *IEEE-SA Standards Board Operations Manual* 6.3.5 and in FAQs 14 and 15 on inclusion of potential Essential Patent Claims by incorporation or by reference.

  Note: **WG** includes Working Groups, Task Groups, and other standards-developing committees with a PAR approved by the IEEE-SA Standards Board.

(Optional to be shown)

Participants have a duty to inform the IEEE

- Participants <u>shall</u> inform the IEEE (or cause the IEEE to be informed) of the identity of each holder of any potential Essential Patent Claims of which they are personally aware if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents

- Participants <u>should</u> inform the IEEE (or cause the IEEE to be informed) of the identity of any other holders of potential Essential Patent Claims

Early identification of holders of potential Essential Patent Claims is encouraged

<u>Slide #1</u>

Ways to inform IEEE

- **Cause an LOA to be submitted to the IEEE-SA (patcom@ieee.org); or**

- **Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or**

- **Speak up now and respond to this Call for Potentially Essential Patents**

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

Slide #2

Other guidelines for IEEE WG 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 of different technical approaches that include relative costs of patent licensing terms may be discussed in standards development meetings.

      - **Technical considerations remain the 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.**

For more details, see *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and
***Antitrust and Competition Policy: What You Need to Know* at**
http://standards.ieee.org/develop/policies/antitrust.pdf

Slide #3

Patent-related information

The patent policy and the procedures used to execute that policy are documented in the:

- *IEEE-SA Standards Board Bylaws*
  (http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6)
- *IEEE-SA Standards Board Operations Manual*
  (http://standards.ieee.org/develop/policies/opman/sect6.html#6.3)

Material about the patent policy is available at
http://standards.ieee.org/about/sasb/patcom/materials.html

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org

Decorum

Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (SASB Ops Manual 5.3.3.3)

Photography or recording by permission only (SASB Ops Manual 5.3.3.2)

Cell phone ringers off please

802.1 officers

Officers
- Chair: Glenn Parsons
- Vice Chair : John Messenger
- Recording Secretary: Jessy Rouyer
- Security TG Chair: Mick Seaman
- TSN TG Chair: János Farkas
  - TSN TG Secretary: Craig Gunther
- IEC/IEEE 60802 Joint Project chair: Ludwig Winkel
  - IEC/IEEE 60802 Joint Project secretary: Josef Dorr
- OmniRAN TG Chair: Max Riegel
- Maintenance TG chair: Paul Congdon
- NEND ICA chair: Roger Marks
- YANGsters chair: Scott Mansfield
- Maintenance of website: Paul Unbehagen
- Maintenance of Email exploder: Hal Keen & Mark Hantel

Website
- http://www.ieee802.org/1/

The following are 802.1 voters (59):

Assmann, Ralf
Bao, Shenghua
Bierschenk, Jens
Bjornstad, Steinar
Boiger, Christian
Bottorff, Paul
Canchi, Radhakrishna
Chen, David
Chen, Feng
Cheng, Weiying
Congdon, Paul
Cummings, Rodney
Elbakoury, Hesham
Farkas, Janos
Finn, Norman
Garner, Geoffrey
Gray, Eric
Gunther, Craig
Gutierrez, Marina
Haddock, Stephen

Hantel, Mark
Holness, Marc
Itaya, Satoko
Kabra, Lokesh
Karl, Michael
Kehrer, Stephan
KOTO, Hajime
Mangin, Christophe
Mansfield, Scott
Maruhashi, Kenichi
McIntosh, James
Messenger, John
Mustala, Tero
Ohsawa, Tomoki
Ohue, Hiroshi
Pannell, Donald R
Parsons, Glenn
Pienciak, Walter
Potts, Michael
Qiu, Wei

Randall, Karen
Riegel, Maximilian
Rouyer, Jessy
Sato, Atsushi
Schewe, Frank
Seaman, Michael
Specht, Johannes
Thaler, Patricia
Unbehagen, Paul
Wang, Xinyuan
Wang, Tongtong
Wang, Hao
Weber, Karl
Weis, Brian
Winkel, Ludwig
Woods, Jordon
Yamaura, Takahiro
Yu, Xiang
Zein, Nader

The following became voting members this week:

Maruhashi, Kenichi
Ohue, Hiroshi
Itaya, Satoko

The following could <u>become</u> voting members if they email me indicating their intention to do so and if they show up here this week:

Bechtel, Gordon
Chang, Xin
DeLaOlivaDelgado,
    Antonio
Ellegard, Lars
Fan, Xiaojing
Fang, Yonggang
Fontaine, Mickael
Gravel, Mark
Harima, Taro
Hasegawa, Akio
Hotta, Yoshifumi

Osagawa, Daisuke
Seewald, Maik
Shen, Li
Sun, Wenhao
Tarui, Isao
Ting, Ao

The following will <u>lose</u> voting member status for lack of qualifying attendance, unless they show up here this week:

Bjornstad, Steinar
Cheng, Weiying
Randall, Karen
Schewe, Frank
Thaler, Patricia

The following will <u>lose</u> their voting membership at the end of the plenary through lack of qualifying WG letter ballot voting :

Shenghua Bao
Lokesh Kabra

802.11 Reciprocal credit

802.1 voters may get credit for attending any 802.11

802.1 voting members who are also 802.11 voting members may get a popup in IMAT each time they register attendance to ask which group they are accumulating credit for this plenary.

802.1 attendance credit will not be granted from a voter who attended only 802.11 meetings.

Future interim meetings

Jan 14-18, 2019
- FFPA in Hiroshima, Japan

May 20-24, 2019
- Ethernet Alliance in Salt Lake City, USA

Sept 16-20, 2019
- Potential ADVA Optical Networking proposal in Edinburgh, UK

Jan 20-24, 2020 (workshop Jan 25)
- Potential ITU-T proposal for Geneva, CH

May 2020
- Ethernet Alliance in North America

September 2020
- Potential Huawei proposal for China

This plenary survey

Do you like this venue?

– Yes: _48   No: _2

Did you like the social?

– Yes: _32   No: _2

Did you go to the social?

– Yes: _37   No: _13

Future plenaries

March 10-15, 2019 – Vancouver, BC, Canada
- Hyatt Regency Vancouver *and* Fairmont Hotel Vancouver

July 14-19, 2019 – Vienna, Austria
- Austria Congress Centre

November 10-15, 2019 – Waikoloa, HI, USA
- Hilton Waikoloa Village

March 15-20, 2020 – Atlanta, GA, USA
- Hilton Atlanta

July 12-17, 2020 – Montreal, QC, Canada
- Sheraton Montreal

November 8-13, 2020 – Bangkok, Thailand
- Bangkok Marriott Marquis Queen's Park

Sanity check – current workload

Project	Subject	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1Qcc	SRP enhancements & performance improvements	RevCom conditional	Approved - Jun 14	D2.3	Publication	Dec '19
802.1CF	Access network (OmniRAN)	PAR extension	Sponsor Ballot	D3.0	RevCom conditional	Dec '20
802.1AS-REV	Time synch enhancements	Sponsor ballot	WG ballot	D7.3	Sponsor Ballot (conditional)	Dec '19
802.1Qcj	Auto Attach to PBB	TG Ballot	TG Ballot	D0.4	WG ballot	Dec '19
802.1Xck	802.1X YANG data model	RevCom conditional	Approved - Sep 27	D2.2	Publication	Dec '19
802.1CM	Profile for Fronthaul	RevCom conditional	Published - Jun 8	D2.2		Dec '19
802.1Qcy	EVB VDP extension	RevCom conditional	Sponsor Ballot	D2.5	RevCom	Dec '19
802.1Qcp	802.1Q YANG data model	Sponsor Ballot - cond	Published - Sep 14	D2.2		Dec '19
802E	Privacy	TG ballot	TG ballot	D1.1	TG Ballot	Dec '19
802.1CQ	Local Address protocol	PAR approved	Editor's draft	D0.1	Editor's draft	Dec '20
802.1Qcr	Asynchronous Traffic Shaping	PAR modification - Y/	TG ballot	D0.5	WG Ballot	Dec '20
802.1CS	LRP	WG ballot	TG ballot	D1.6	WG Ballot	Dec '21
802.1AX-REV	Link Aggregation	WG ballot	TG ballot	D0.4	WG Ballot	Dec '20
802.1AR-REV	Secure Device Identity	RevCom	Approved - Jun 14	D2.6	Publication	Dec '21
802.1Q-REV	Bridges and Bridged Networks	RevCom	Published - Jul 6	D2.2		Dec '20
802.1AE-REV	MAC security	RevCom	Approved - Sep 27	D1.3		Dec '21
802.1ACct	support for 802.15.3	PAR approval	PAR Approved		Editor's draft	Dec '21
802.1ABcu	LLDP YANG	TG Ballot	Editor's draft	D0.0	TG ballot	Dec '21
802.1CBcv	FRER YANG & MIB	TG Ballot	PAR Approved - May 14		Editor's draft	Dec '22
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	TG Ballot	TG Ballot	D0.2	TG ballot	Dec '21
802.1Qcx	CFM YANG	TG Ballot	TG Ballot	D0.4	WG ballot	Dec '21
802.1AC/cor1	MAC Service	RevCom	Approved - Sep 27	D1.2	Publication	Dec '21
802.1Qcz	Congestion Isolation	PAR approval	PAR approved - Sep 27		Editor's draft	Dec '22
802.1CBdb	FRER (CBcv) extensions	PAR approval	PAR Approved - May 14		Editor's draft	Dec '22
60802 (DA)	Profile for Industrial Automation	TG Ballot	Editor's draft	D0.3	TG ballot	Dec '22
802.1DC	Queuing for non-bridges	PAR approval	PAR Approved - May 14		Editor's draft	Dec '22
802.1X-REV	Port Access Control	WG ballot	Editor's draft	D0.1	WG ballot	Dec '22
802.1Qdd	Resource Allocation Protocol	PAR approval	PAR approved - Sep 27		Editor's draft	Dec '22
802.1CMde	Enhancements for Fronthaul Interface	PAR development	PAR development		PAR approval	
802.1DF	TSN Profile for Service Provider Networks	PAR development	PAR development		PAR approval	
802.1DG	TSN Profile for Automotive Networks	PAR development	PAR development		PAR approval	

802.1 plenary schedule

V2

IEEE 802 PLENARY SESSION
Bangkok, Thailand
November 11-15, 2018

802.1 tracks and times

Time	SAT	SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
07:00-07:30							
07:30-08:00							
08:00-08:30	IEEE 802/IETF Leadership meeting	DetNet/TSN Workshop	Trk 1 & 2: TSN & 60802 — EC	MTN TG	Trk 1: TSN / Trk 2: 60802 / Trk4 SEC	Trk 1: TSN	
08:30-09:00							
09:00-09:30							
09:30-10:00							
10:00-10:30			Break	Break	Break	Break	Break
10:30-11:00			Opening 802.1 plenary	Trk 1: TSN / Trk 2: 60802 / Trk 4: SEC	Trk 1: TSN / Trk 2: 60802 / Trk 4: SEC	Trk 1: TSN / Trk 3: OR	
11:00-11:30							
11:30-12:00							
12:00-12:30							Lunch
12:30-13:00	Lunch	DetNet/TSN Workshop	Lunch	Lunch (Editors' Meeting)	Lunch	Lunch	
13:00-13:30							Closing 802 EC
13:30-14:00	Data Centre Workshop		Trk 1: TSN / Trk 2: 60802 / Trk 3: OR / Trk 4: SEC	Trk 1: TSN / Trk 2: 60802 / Trk 3: OR / Trk 4: SEC	Trk 1: TSN / Trk 2: 60802 / Trk 3: OR / Trk 4: SEC	Closing 802.1 plenary	
14:00-14:30							
14:30-15:00							
15:00-15:30							
15:30-16:00			Break	Break	Break	Break	
16:00-16:30			Trk 1: TSN / Trk 2: 60802 / Trk 3: OR / Trk 4: SEC	Trk 1: TSN / Trk 2: 60802 / Trk 4: SEC	Trk 1 & 2: TSN & 60802 / Trk 4: SEC	Closing 802.1 plenary	
16:30-17:00							
17:00-17:30							
17:30-18:00							
18:00-18:30		TG Chairs Mtg	THz Communications Tutorial	Joint 802.24 / Joint 802.1 & 802.15 / YANGSTERS	Break	Break	
18:30-19:00					Social event		
19:00-19:30							
19:30-20:00			New LMSC P&P Tutorial	802 NEND ICA			
20:00-20:30							
20:30-21:00							
21:00-21:30							
21:30-22:00							
22:00-22:30							

KEY:
TSN: Time Sensitive Netw'kg
60802: IEC/IEEE 60802 JP
MTN TG: Maintenance TG
SEC: Security
OR: OmniRAN

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802 reports

IETF SC

– Did not meet

JTC1 SC

ITU SC

802 TF

– Tools (myProject, Mentor, IMAT, Join.Me)

– Web broken links

myProject status

Revision of the myProject tool is under active development

– Go live in Q1 2019

– Training will start in December 2018

– EC volunteers reviewed the requirements and initial demonstration code.

Mentor and IMAT will be considered in a separate later project/phase

– Requirements gathering

– COTS or custom being evaluated

IEEE Open Source offering

Summary

- IEEE Open Source offering (with Contribution License Agreement)
- CAG update on open source activity
- SASB open source update

IEEE 802 view

- Maintain option of current process
  - i.e., source code (YANG, MIB, etc) can be developed as part of the standards process
  - Current process -- Advocate in SASB
- Interest with open source for normative/informative use in standards (e.g., YANG, simulations)
  - Possible interest with being part of a trial
  - But there are concerns with the proposed process (e.g., CLA)

Cross 802 coordination

YANGsters

OmniRAN

Nendica

Joint meetings
– With 802.15 & 802.24

TSN/DetNet update for 802.11

TSN/DetNet update for 802.21

Rules changes

Draft 802 P&P

– https://mentor.ieee.org/802-ec/dcn/18/ec-18-0102-06-0PNP-proposed-lmsc-p-p-2018.doc

– Electronic meeting announcement: 15 days

– Electronic meeting agenda: 5 days

– Minutes available: 30 days

Comparison of approved P&P and the proposed one:

– https://mentor.ieee.org/802-ec/dcn/18/ec-18-0129-02-0PNP-802-p-p-update-comparison.doc

Rules motions (there is only one) for Friday.

– https://mentor.ieee.org/802-ec/dcn/18/ec-18-0228-00-00EC-november-2018-rules-motions.pdf

Editors

Editor's workshop planned for interim

– Sharing best practices

• FrameMaker, comment resolution

Mentoring new and potential editors

TG reports

Security

TSN

OmniRAN

Maintenance

NENDica

YANGsters

Task Group Report – Security

1. Response to ISO/IEC JTC1 FDIS ballot comments on …
   - … IEEE Std 802.1AEcg-2018
   - … IEEE Std 802.1AR-2018
   - ➤ Updated Monday pm, reviewed (no changes) in the Maintenance TG and ISO/IEC SC

2. P802E Privacy (Recommended Practice ... for 802..)
   - Task Group ballot resolution
   - ➤ Completed comment review in Tuesday's meeting
   - ➤ Updated pdis and (interim D1.2 draft) posted
   - ➤ Further task group ballot (of D1.3?) to close prior to March 2019 meeting
   - ➤ Anticipate WG ballot after March
   - Privacy in bridged networks (Mick Seaman)
   - ➤ Reviewed Monday pm, Tuesday pm in TG, presentation Thursday to TSN)

3. P802.1X-Rev Port-Based Network Access Control
   - ➤ Brief discussion Monday pm
   - ➤ WG ballot after 802.1Xck publication and final edits included in X-rev

4. A.O.B.
   - ➤ None

5. Future meetings/teleconferences
   - ➤ Anticipate P802E telecon late January/early Feb

802.1 TSN TG Agenda

V5	IEEE 802 PLENARY SESSION Bangkok, Thailand November 11-16, 2018 **802.1 Time-Sesnsitve Networking (TSN) TG**					
	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRI
07:00-07:30						
07:30-08:00						
08:00-08:30	DetNet - TSN workshop	Whole TSN with IEC/IEEE 60802	MTN	Trk A: 60802	Trk B: PARs	Privacy, liaisons, P802.1AX-Rev, P802.1CS, P802.1Qcz
08:30-09:00						
09:00-09:30						
09:30-10:00						
10:00-10:30		Break	Break			
10:30-11:00		Opening 802.1 plenary	Trk A: 60802	Trk B: YANG: P802.1Qcx		
11:00-11:30						
11:30-12:00						
12:00-12:30						
12:30-13:00	Lunch	Lunch	Lunch	Lunch	Lunch	
13:00-13:30						
13:30-14:00	DetNet - TSN workshop	Trk A: 60802	Trk B: liaisons, expected results, P802.1CS	Trk A: 60802	Trk B: P802.1Qcw, P802.1ABcu, P802.1AS-Rev, P802.1DC P802.1CBd	Trk A: 60802	Trk B: P802.1AX-Rev	Closing 802.1 plenary
14:00-14:30						
14:30-15:00						
15:00-15:30						
15:30-16:00					Break	
16:00-16:30					Whole TSN with IEC/IEEE 60802	
16:30-17:00						
17:00-17:30						
17:30-18:00						
18:00-18:30		Break	.24 - TSN 802.1 - 802.15	YANGsters	Break	KEY: TSN: Time-Sensitive Networking IEC/IEEE 60802 MTN: Maintenance TG
18:30-19:00		802 tutorials			Social event	
19:00-19:30						
19:30-20:00						
20:00-20:30						
20:30-21:00						
21:00-21:30						
21:30-22:00						
22:00-22:30						

- Note that the TSN agenda is subject to change, e.g., depending on progress etc.
- TSN agenda details are available at: http://ieee802.org/1/tsn/tsn-task-group-agenda

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OmniRAN TG Achievements

Bangkok, Thailand meeting, November 12th – 15th

P802.1CF - NRM and functional description of IEEE 802 access network

- Recirculation sponsor ballot outcome:
  - 98% approval,
  - 2 negative votes flipped to approve
  - 1 outstanding disapprove votes, (commenter did not respond to emails or recirculation)
    - No new must-be-satisfied comments, 14 comments mainly addressing terminology and references adjustments for 802.3
- Resolved all of the comments and instructed editor to create revised draft until Nov 21st
- Plan to initiate 2nd sponsor ballot recirculation later next week
- Motion to EC to conditionally forward draft to REVCOM prepared

P802.1CQ – Local address assignment protocol

- Discussion with 802.11ARC on local address assignment for 802.11 STAs
  - Security threat issues brought up without further details and without coming to a conclusion
  - Agreed to provide P802.1CQ requirements and scenario document to 802.11 experts to allow them to investigate presented and other potential solutions
- Presentation to 802.15 WNG to make 802.15 aware and encourage contributions
  - Discussions showed that there are more deep dependencies in 802.15 technologies to 64/48 bit MAC addresses, e.g. related short addresses and IPv6 addresses
  - Some interest in 802.15 to work on dynamic address assignment but further insights and discussions needed to decide about creating a potential solution for 802.15
- Agreed on plan going forward starting with requirements, scenarios, and security threats

P802.1CF related contribution to 802.24 EC action item on 'IEEE 802 network integration'

- Lively discussion about scope and intention of the action item; continuation of discussion needed to finally determine what P802.1CF could contribute

Looking forward to next session in Hiroshima, Japan, Jan 14-18, 2019

Envisioned topics:
- P802.1CQ
  - Requirements and scenarios document, security threats
- Potential IEEE 802.1CF marketing activities
- Continue discussions on potential work in OmniRAN related to FFIoT scenario

Upcoming conference calls:
- T.b.d, likely 6th or 11th December, depending on start of 2nd sponsor ballot recirculation, 09:30 AM ET, 1.5 hrs: P802.1CF comment resolution, conclusion on next/final steps

Maintenance Item Status Update

Updated maintenance sessions slides show detailed progressed status:

– http://www.ieee802.org/1/files/public/docs2018/maint-congdon-session-1118-v2.pdf

Progressed Summary

– 3 technical experts review -> complete then ballot
– 8 technical experts review -> reject
– 1 technical experts review -> withdrawn

ISO/IEC JTC1 SC6 Status

23 standards currently PSDO approved

5 standards in PSDO approval process

2 standards in PSDO 60-day pre-ballots

7 standards queued up to send to PSDO (already approved by WG to send)

0 Motions for documents sent for adoption

2 Motions to approve liaison response to comments

- P802.1AS-Rev – comment response
- IEEE 802.1AEcg – comment response

Note: *published; **approved; ***under corrigendum process

Nendica Meeting Report

IEEE 802 "Network Enhancements for the Next Decade" ICA

– Tuesday, 19:30-22:00

– Detailed agenda: https://1.ieee802.org/802-nendica

– About 30 people

Main meeting topics:

– Work Item: Lossless Network for Data Centers

  – Participated in 802/IETF Data Center workshop

  – Developed material for IEEE-SA publicity

  – Discussed followup activity

– Work Item: Flexible Factory IoT

  – Continued comment resolution on draft report

– Issues

  • Planning to renew/revise ICAID for extension in March

– Meeting Plans

  • Meeting at 802 Wireless Interim, St. Louis 2019-01-15, 19:30

    – Connected to 802.1 Interim, Hiroshima, 2019-01-16 10:30

  • Four teleconference before January meeting

YANGsters

Scope of Group
- Motion to approve the scope

Open Source Topic
- ask the IEEE-SASB Open Source Ad Hoc
- Find out what "code" is
  - Discussion included artefacts like: UML, State Machines, YANG, MIB, Simulations (and code to support), and Math Equations
- opt-out of using the IEEE Open Source Offering?

Discussion on use of YANG GitHub Repository
- Important point is that the master branch of the YANG GitHub Repository is used simply as a file repository

Decision to adopt new directory structure for the YANG GitHub Repository was agreed

Linking .1Q amendments to .1Q
- Discussed that there are multiple ways to link and they are situation specific
- Upload thoughts to guidelines page

Liaisons

Incoming Liaisons

TSN

- ITU-T SG15 LS153 - Response to liaison on updating G.8021, and initiation of approval process for G.8013/Y.1731 (2015) Amendment 1 - draft
- ITU-T SG15 LS159 - Coordination of Ethernet information and data modelling work
- ITU-T SG15 LS164 - Updates on the work on time synchronization and enhanced synchronous - drafts
- IEC TC57/WG10 – Request for access to 802.1 documents
- IEEE 1914 – 802.1CM Category A+
- BBF - YANG Best Current Practices – OD-360
- IEEE 802.3 (to BBF) - YANG Best Current Practices
- LNI – Request for access to drafts
- AVNU - Submissions for 60802 Joint Project Inclusion – document release

OmniRAN

- ITU-T JCA IMT-2020

Outgoing liaison discussion

❑ Labs Network Industrie 4.0 (LNI4.0)

❑ IEC TC57 WG10

❑ Avnu Alliance

❑ Broadband forum

❑ ITU-T SG15 (on LS 125 and LS 164)

❑ ITU-T SG15 (on LS 159)

❑ FDIS comment responses for 802.1AEcg-2017 & IEEE 802.1AR-2018 to SC6 under PSDO

EC consent agenda motions

Agenda - 1

❑ **PARs to NesCom (ME)**

  ❑ P802.1CMde - Amendment: Enhancements for Fronthaul Interface, Synchronization, and Syntonization Standards

  ❑ P802.1DF - Standard: Time-Sensitive Networking Profile for Service Provider Networks

  ❑ P802.1DG - Standard: Time-Sensitive Networking Profile for Automotive In-Vehicle Ethernet Communications

❑ **Drafts to Sponsor ballot (ME)**

  ❑ P802.1AS – Timing and Synchronization for Time-Sensitive Applications

❑ **Drafts to RevCom (ME)**

  ❑ P802.1Qcy – Amendment: VSI/VDP extensions for NVO3

  ❑ P802.1CF – Recommended Practice for Network Reference Model and Functional Description of IEEE 802 Access Network (conditional)

Agenda - 2

❑ Liaisons (II)
  - ❑ Labs Network Industrie 4.0 (LNI4.0)
  - ❑ IEC TC57 WG10
  - ❑ Avnu Alliance
  - ❑ Broadband forum

❑ Liaisons (ME)
  - ❑ ITU-T SG15 (on LS 125 and LS 164)
  - ❑ ITU-T SG15 (on LS 159)

❑ Items to SC6 (ME)
  - ❑ FDIS comment responses for 802.1AEcg-2017 & IEEE 802.1AR-2018 to SC6 under PSDO

PARS TO NESCOM

Motion

- Approve forwarding P802.1CMde PAR documentation in http://ieee802.org/1/files/public/docs2018/de-PAR-1118-v01.pdf to NesCom

- Approve CSD documentation in http://www.ieee802.org/1/files/public/docs2018/de-CSD-1118-v01.pdf

In the WG, Proposed: János Farkas   Second: Jessy Rouyer

- Sending PAR (y/n/a): 35, 0, 0
- Confirm the CSD (y/n/a): 38, 0, 0

In EC, mover: Glenn Parsons   Second: Roger Marks

- (y/n/a): <y>,<n>,<a>

Motion

- Approve forwarding P802.1DG PAR documentation in http://ieee802.org/1/files/public/docs2018/dg-PAR-1118-v01.pdf to NesCom

- Approve CSD documentation in http://www.ieee802.org/1/files/public/docs2018/dg-CSD-1118-v01.pdf

In the WG, Proposed: Mike Potts Second: Craig Gunther
  – Sending PAR (y/n/a): 42, 0, 0
  – Confirm the CSD (y/n/a): 42, 0, 0

In EC, mover: Glenn Parsons   Second: Roger Marks
  – (y/n/a): <y>,<n>,<a>

Motion

- Approve forwarding P802.1DF PAR documentation in http://ieee802.org/1/files/public/docs2018/df-PAR-1118-v01.pdf to NesCom

- Approve CSD documentation in http://www.ieee802.org/1/files/public/docs2018/df-CSD-1118-v01.pdf

In the WG, Proposed: Tongtong Wang   Second: Scott Mansfield

- Sending PAR (y/n/a): 31, 3, 6
- Confirm the CSD (y/n/a):   29, 2, 9

In EC, mover: Glenn Parsons   Second: Roger Marks

- (y/n/a): <y>,<n>,<a>

DRAFTS TO SPONSOR BALLOT

Motion

- Conditionally approve sending P802.1AS-Rev D8.0 to Sponsor Ballot
- Confirm the CSD for P802.1AS-Rev in http://www.ieee802.org/1/files/public/docs2014/new-802-1AS-rev-draft-csd-1114-v2.pptx
- P802.1AS-Rev D7.3 had 94% approval at the end of the last WG ballot

   In the WG, Proposed: János Farkas   Second: Geoff Garner
   - Sending draft (y/n/a): 40, 0, 0
   - Confirm the CSD (y/n/a): 38, 0, 0

   In EC, mover: Glenn Parsons   Second: Roger Marks
   - (y/n/a): <y>,<n>,<a>

Supporting information P802.1AS-Rev

- WG ballot closed: 27 August 2018
- The ballot resulted in
  - 2 outstanding Disapprove votes
  - 0 outstanding Must Be satisfied comments
- Comment resolution available here:
  http://www.ieee802.org/1/files/private/as-rev-drafts/d7/802-1AS-rev-d7-3-dis-v01.pdf
- Recirculation ballot will be conducted during November with comment resolution during December/January on the TSN TG calls. A possible final recirculation in January, if required, with comment resolution at the January Interim and on the TSN TG calls.

Ballot results:

Category	Total	Percentage
Yes	32	94.12%
No	2	5.88%
Abstain	9	20.93%
No. of Voters	55	100.00%
Voters responding	43	78.18%

Supporting information P802.1AS-Rev

Voters with outstanding Disapprove votes:

– Boiger, Christian
– Cummings, Rodney

These voters have indicated that they are satisfied with the disposition of their comments, but they would like to see the next draft.

DRAFTS TO REVCOM

Motion

- Approve sending P802.1Qcy D2.5 to RevCom
- Approve CSD documentation for P802.1Qcy in https://mentor.ieee.org/802-ec/dcn/15/ec-15-0072-00-ACSD-802-1qcn.pdf
- P802.1Qcy D2.5 had 100% approval at the end of the last Sponsor recirculation ballot

In the WG, Proposed: János Farkas   Second: Paul Bottorff

- Sending draft (y/n/a): 42, 0, 0
- Confirm the CSD (y/n/a): 39, 0, 0

In EC, mover: Glenn Parsons   Second: Roger Marks

- (y/n/a): <y>,<n>,<a>

* Note that the designation has been changed from P802.1Qcn to P802.1Qcy because of confusion of Qcn with the acronym for Quantized Congestion Notification (QCN).

Supporting information P802.1Qcy

- Ballot closed: 7 August 2018
- Ballot result:
  - 0 outstanding Disapprove votes
  - 0 outstanding Must Be satisfied comments
- Disposition is available here:
  http://www.ieee802.org/1/files/private/cy-drafts/d2/802-1Qcy-d2-5-dis.pdf

Ballot results:

Recirculation #2 Recirculation #1 Initial Ballot
Ballot Open Date: 28-Jul-2018
Ballot Close Date: 07-Aug-2018
Type: New
Draft #:   2.5
Ballots Received: 2
Comments: 1

RESPONSE RATE
This ballot has met the 75% returned ballot requirement.

65 eligible people in this ballot group.

  52 affirmative votes
    0 total negative votes with comments
    0 negative votes with new comments
    0 negative votes without comments
    2 abstention votes: (Lack of expertise: 1, Lack of time: 1)
  54 votes received = 83% returned
              3% abstention

APPROVAL RATE
The 75% affirmation requirement is being met.
  52 affirmative votes
    0 negative votes with comments
  52 votes = 100% affirmative

Motion

- Conditionally approve sending P802.1CF to RevCom
- Confirm the CSD for P802.1CF in https://mentor.ieee.org/802-ec/dcn/18/ec-18-0162-00-ACSD-802-1cf.pdf

P802.1CF D3.0 had 98 % approval at the end of the last sponsor ballot recirculation

In the WG, Proposed: Max Riegel   Second: Hao Wang
  – Sending draft (y/n/a): 40, 0, 2
  – Confirm the CSD (y/n/a): 39, 0, 2

In EC, mover: Glenn Parsons Second: Roger Marks
  – (y/n/a): <y>,<n>,<a>

Supporting information P802.1CF

Ballot closed 10 November 2018

- – No new Disapprove vote in recirculation
- – No new must-be-satisfied comments
- – 2 Disapprove vote flipped to Approve
- – 1 outstanding Disapprove vote

Comment resolution of initial sponsor ballot on D2.2:

http://www.ieee802.org/1/files/private/cf-drafts/d2/802-1cf-d2-2-dis.pdf

Comment resolution of recirculation ballot on D3.0:

http://www.ieee802.org/1/files/private/cf-drafts/d3/802-1cf-d3-0-dis.pdf

Second recirculation ballot will be conducted during November with comment resolution on the OmniRAN TG calls.

A possible final recirculation, if required, in January with comment resolution in the January 802.1 Interim.

P802.1CF Recommended Practice for Network Reference Model and Functional Description of IEEE 802 Access Network

Recirculation #1 Initial Ballot

Ballot Open Date: 31-Oct-2018
Ballot Close Date: 10-Nov-2018
Type: New
Draft #:   3.0
Ballots Received: 3
Vote Changes: 2
Comments: 14

RESPONSE RATE
This ballot has met the 75% returned ballot requirement.
94 eligible people in this ballot group.
      73 affirmative votes
      1 total negative votes with comments
      0 negative votes with new comments
      0 negative votes without comments
      3 abstention votes: (Lack of expertise: 2, Lack of time: 1)
----
77 votes received = 81% returned 3% abstention

APPROVAL RATE
The 75% affirmation requirement is being met.
      73 affirmative votes
      1 negative votes with comments
      ======
74 votes = 98% affirmative

Supporting information P802.1CF

Voter with Disapprove vote
- Brian Petry

- TG responded to the 6 must-be-satisfied comments with 'revised' remedies intended to address the issues raised.

Voter did not respond to emails, nor participated in the recirculation

'must-be-satisfied' comments of Disapprove vote

CL: 05   SC: 5.9.6   P: 45   L: 1092   # i-31

Comment Type: TR   Comment Status: A   Commenter: Petry, Brian

The document references "Hotspot 2.0". This is an obsolete Wi-Fi Alliance term.

Suggested Remedy:
The document should reference Wi-Fi Alliance Passpoint and should include an informative reference to the Wi-Fi Alliance specifications.

Proposed Response: Response Status: C   ACCEPT IN PRINCIPLE.

The comment addresses a valid point, but the suggested remedy requires further details for implementation:

-- Change "Hotspot 2.0" to "WI-FI CERTIFIED Passpoint^TM"

-- Add a footnote with a reference to the following URL"https://www.wi-fi.org/discover-wi-fi/passpoint"

##ed# same as comment i-50 ##

CL: 05   SC: 5.9.6   P: 46   L: 1111   # i-32

Comment Type: TR   Comment Status: A   Commenter: Petry, Brian

The reference model fixes the R3 and R5 reference points before (to left of) access gateway and IP services. However, a trend of Wi-Fi public hotspot and even small enterprise deployments is to locate control and captive portal services further to the right, even on the other side of an IP network. Known as "cloud managed Wi- Fi". It seems throughout D2.2 (not just in the Wi-Fi deployment scenarios, cloud-managed networks are not accommodated by the reference model.

Suggested Remedy:

It seems specific change proposals would be too big to fit here, because the base reference model and descriptions throughout the document in a pervasive sense, to address cloud-managed networks.

Proposed Response: Response Status: C   ACCEPT IN PRINCIPLE.

The comment addresses a valid point, but the suggested remedy is ambiguous and needs to be refined.

Of the many flavors of cloud managed Wi-Fi solutions, 802.1CF is applicable to cloud managed Wi-Fi solutions in the defined scope of IEEE 802 technologies, i.e. performing control of layer 2 and beneath. The applicability of 802.1CF to cloud managed Wi-Fi will be described in an amendment to 5.9.3 Enterprise network.

 [Applied remedy]:

-- Amend clause 5.9.3 according to https://mentor.ieee.org/omniran/dcn/18/omniran-18-0078-00-CF00-d2-2-cid32-remedy-proposal.docx

'must-be-satisfied' comments of Disapprove vote

CL: 05   SC: 5.9.7   P: 46   L: 1128   # i-33

Comment Type: TR   Comment Status: A   Commenter: Petry, Brian

The whole section proposes il-contrived solutions. The document should not propose new solutions, but just show how the reference model applies to deployment models. For instance, the document does not describe Wi-Fi network (SSID) virtualization for a single AP (sometimes called Virtual AP--VAP--or multi-BSSID). The document does not describe the scenario that home users are likely to replace their Wi-Fi AP/Router more frequently than their IOT devices.

Suggested Remedy:

Delete the whole section, or vastly simplify it to just explain how the NRM applies to IOT Wi-Fi devices.

Proposed Response: Response Status: C   ACCEPT IN PRINCIPLE.

The suggested remedy is ambiguous, but the comment brings up a valid point that the clause does not describe the replacement of Wi-Fi AP/Router for the deployment model. (BTW: The presented deployment model is subject of an ongoing project of Wi-Fi Alliance called 'Managed Residential IoT Connectivity (https://www.wi-fi.org/who-we-are/current-work-areas)'. The clause 5.9.7 exactly provides what the comment asks for; it shows how 802.1CF could be used to define an architectural model for such kind of widely encouraged deployments with virtualization of a single 802.11 AP already introduced in clause 5.8.)

To describe the missed case that CPEs might be more frequently replaced than IoT devices, 5.9.7 will be amended by a description referencing remote CPE configuration and management to cover CPE replacement.

[Applied remedy]:

-- Amend clause 5.9.7 according to https://mentor.ieee.org/omniran/dcn/18/omniran-18-0079-00-CF00-d2-2-cid30-33-remedy-proposal.docx.

-- Add references to TR-069 and TR-181 to the bibliography.

'must-be-satisfied' comments of Disapprove vote

CL: 06   SC: 6.1.4.3   P: 54   L: 1390   # i-34

Comment Type: TR   Comment Status: A   Commenter: Petry, Brian

Channel selection and re-selection procedures allow the network (ANC) to force or steer terminals (NA) to different radio channels and different ANCs (APs) within the same Access Network. It seems the detailed discussion about channel selection and re-selection should be outside the scope the document. Also, the language and reference model do not fit with newly developing standards in the Wi-Fi alliance, such as "Optimized Connectivity Experience (OCE)."

Suggested Remedy:

Remove section 6.1.4.3 and 6.1.4.4 and just refer to the possibility of channel selection and re-selection by the terminal or driven by the network.

Proposed Response: Response Status: C   ACCEPT IN PRINCIPLE.

The comment raises a valid point, but the suggested remedy demands further details for the editorial changes.

[Applied remedy]:

-- Remove text of section 6.1.4.3 and 6.1.4.4.

-- New text under 6.1.4.3 Channel selection:

"Channel selection is part of NA initialization to tune each of its radio to a designated channel on the unlicensed band. Each NA should preferably select a non- overlapping channel either autonomously or following instructions from ANC. Each NA should be able to determine and to report all the channels on which one or more over-lapping NAs or terminals are operating. The algorithm used by the NA to select the channel is beyond the scope of this specification."

-- New text under 6.1.4.4 Channel re-selection:

"The NA may re-select another channel for operation either autonomously or following instructions from ANC. Switching to that channel will cause its connected terminals to lose connectivity temporarily. The algorithm used by the NA to re-select the channel is beyond the scope of this specification."

'must-be-satisfied' comments of Disapprove vote

CL: 06   SC: 6.1.7   P: 58   L: 1518   # i-35

Comment Type: TR   Comment Status: A   Commenter: Petry, Brian

Detailed procedures (6.1.7) for Access Network Setup (6.1) seem out of scope for this document. This document should recommend any details about operating in unlicensed spectrum or provide guidance about how a radio network should behave in this manner. If standards are available for various radio networks (including Wi-Fi or other), they should just be referenced. Also, 6.1.7 seems to be focused on radio networks and not wired networks. Wired networks have similar issues about setup procedures.

Suggested Remedy:

Delete section 6.1.7 or provide references to radio network standards. Include information about wired access networks.

Proposed Response: Response Status: C   ACCEPT IN PRINCIPLE.

The CRG had difficulties to understand the comment and concluded, that the commenter likely intended to express "... This document should _not_ recommend any details about operating in unlicensed spectrum...".

[Applied remedy]:

-- As unlicensed spectrum is not mentioned at all in text of 6.1.7.1, the title should be rephrased to 'Access network set-up procedure', to indicate that the text is fully applicable to wired networks as well.

'must-be-satisfied' comments of Disapprove vote

CL: 00   SC: 0   P: L: # i-36

Comment Type: GR   Comment Status: A   Commenter: Petry, Brian

Generally, the recommendation is too detailed and too big to be consumed, followed and adopted effectively by future standards. Consider removing text that describes details about internal workings, especially those of radio networks. And instead focus only on the reference points of the model. To meet a goal of the PAR, that the recommendation actually be used by the community and future standards, I strongly feel the document needs to be greatly simplified.

Suggested Remedy:

Delete and rework about 1/3 to 1/2 of the document that describes details that don't relate directly to the reference model.

Proposed Response: Response Status: C   ACCEPT IN PRINCIPLE.

The comment is very broad without providing specific recommendations on suggested edits to the text. However, it brings up an issue of clause 6.1 missing a clean distinction of network set-up functions and authorized spectrum management leading to the impression of excessive complication, and the missing guidance for functional amendments to 802.1CF through future standards.

To address both deficiencies, the clause 6.1 was reworked to about half of its original size by deleting the content on authorized spectrum management as introduced by IEEE 802.11 TVWS, IEEE 802.19.1, and IEEE 802.22. The deleted content was moved into a normative annex with the same outline as the clauses 6.1 .. 6.8, to demonstrate how future standards introducing new functions can easily adopt and amend the 802.1CF specification.

[Applied remedy]:

-- Adopt new clause 6.1 and an additional Annex A (normative) according to

https://mentor.ieee.org/omniran/dcn/18/omniran-18-0077-01-CF00-d2-2-cid36-remedy- proposal.docx

-- Increment previous annexes to B (informative), C (informative), and D (informative) and correct reference in line 533 to 'Annex B'

LIAISONS (II)

Motion

- Approve liaison of the following response to Labs Network Industrie 4.0 (LNI4.0)
    - http://www.ieee802.org/1/files/public/docs2018/liaison-response-LNI-4-0-1118-v01.pdf
    - Granting the IEEE 802.1 WG chair (or his delegate) editorial license.

- In the WG (y/n/a): 41, 0, 0
    - Proposed: János Farkas   Second: Ludwig Winkel

- In EC, for information

Motion

- Approve liaison of the following response to
  IEC TC57 WG10
  - http://www.ieee802.org/1/files/public/docs2018/liaison-response-IEC-TC57WG10-1118-v01.pdf
  - Granting the IEEE 802.1 WG chair (or his delegate) editorial license.

- In the WG (y/n/a): 43, 0, 0
  - Proposed: János Farkas   Second: Ludwig Winkel

- In EC, for information

Motion

- Approve liaison of the following response to Avnu Alliance
  - http://www.ieee802.org/1/files/public/docs2018/liaison-response-Avnu-best-practices-1118-v01.pdf
  - Granting the IEEE 802.1 WG chair (or his delegate) editorial license.

- In the WG (y/n/a): 43, 0, 0
  - Proposed: János Farkas   Second: Ludwig Winkel

- In EC, for information

Motion

- Approve sending the following liaison to Broadband Forum
  - http://www.ieee802.org/1/files/public/docs2018/liaison-BBF-CFM-YANG-update-1118-v01.pdf
  - Granting the IEEE 802.1 WG chair (or his delegate) editorial license.

- In the WG (y/n/a): 41, 0, 0
  - Proposed: Jessy Rouyer   Second: János Farkas

- In EC, for information

LIAISONS (ME)

Motion

- Approve liaison of the following response (to LS 125 and LS 164) to ITU-T SG15
  - http://www.ieee802.org/1/files/public/docs2018/liaison-response-ITU-T-SG15-LS125-LS164-sync-1118-v01.pdf
  - Granting the IEEE LMSC chair (or his delegate) editorial license.
  - This approval is under LMSC OM "Procedure for communication with government bodies"
- In the WG (y/n/a): 42, 0, 0
  - Proposed: János Farkas   Second: Scott Mansfield
- In EC, mover: Glenn Parsons   Second: Roger Marks
  - (y/n/a): <y>,<n>,<a>

Motion

- Approve liaison of the following response (to LS 159) to ITU-T SG15
  - http://www.ieee802.org/1/files/public/docs2018/liaison-response-ITU-T-SG15-LS159-YANG-coord-1118-v01.pdf
  - Granting the IEEE LMSC chair (or his delegate) editorial license.
  - This approval is under LMSC OM "Procedure for communication with government bodies"
- In the WG (y/n/a): 40, 0, 0
  - Proposed: Scott Mansfield   Second: János Farkas
- In EC, mover: Glenn Parsons   Second: Roger Marks
  - (y/n/a): <y>,<n>,<a>

JTC1 SC6 PSDO ITEMS (ME)

Motion

- Approve liaison of the following comment responses to ISO/IEC JTC1/SC6 under the PSDO agreement:
  - IEEE 802.1AEcg-2017
    - http://ieee802.org/1/files/public/docs2018/SC6CommentResponse1AEcg2018-v02.pdf
  - IEEE 802.1AR-2018
    - http://ieee802.org/1/files/public/docs2018/SC6CommentResponse1AR2018-v01.pdf

In the WG, Proposed: Paul Congdon Second: Mick Seaman
  – Sending liaison (y/n/a): 40, 0, 0

In EC, mover: Glenn Parsons   Second: Roger Marks
  – (y/n/a): <y>,<n>,<a>

EC regular motions

MOTION

Approve the external communication, to be communicated by IEEE-SA, on IEEE 802 Nendica data center activity, at <https://mentor.ieee.org/802.1/dcn/18/1-18-0075-00-ICne.docx>, subject to editorial changes by the chair as deemed necessary

In the WG:
Proposed: Paul Congdon Second: Roger Marks
For_38__Against_1_Abstain__3__

In EC, mover: Glenn Parsons   Second: Roger Marks
 – (y/n/a): <y>,<n>,<a>

WG motions

MOTION

802.1 approves the July 2018 (Plenary), July 2018 (Interim), September 2018 (Interim) minutes:

http://ieee802.org/1/files/public/minutes/2018-07-minutes-v1.pdf

http://ieee802.org/1/files/public/60802/2018-07-60802-only-meeting-v1.pdf

http://ieee802.org/1/files/public/minutes/2018-09-minutes-v1.pdf

Proposed: Jessy Rouyer Seconded: János Farkas
    Approved by Acclamation

Motion

Approve OmniRAN TG conference calls:

- Between the November 2018 plenary and the March 2019 plenary with at least 15 days prior notice to the 802.1 mailing list.
- Agenda proposal will be announced at least 5 days prior to the call on the 802.1 mailing list and made available on http://1.ieee802.org/omniran/

Moved: Max Riegel, Second: Hao Wang

Result:

Approved by Acclamation

MOTION

Move to revise the scope statement for the YANGsters coordination group as follows

– This group is responsible for discussing common practice for YANG models supporting IEEE 802 protocols. This common practice includes, but is not limited to, URN root, style, structure, tooling and process. While the primary attendees are expected to be editors of existing IEEE 802 YANG projects, other experts interested in YANG are welcome.

Proposed: Scott Mansfield Second: Jessy Rouyer

Approved by Acclamation

Motion

- 802.1 authorizes the Maintenance TG to hold teleconferences on 8th January 2019 and 4th March 2019 at 11am EST if necessary. Access information will be posted to the 802.1 reflector 15 days in advance.

- Proposed: Paul Congdon
- Second: Scott Mansfield

Approved by Acclamation

MOTION

Authorize the Security Task Group to hold teleconferences to progress P802E, P802.1X-Rev and task group matters arising:

– Dates/times to be announced subject to notice of at least 15 days to the 802.1 email exploder

Proposed: Mick Seaman Second: Brian Weis

 Approved by Acclamation

Motion

802.1 authorizes Marc Holness, the Editor of
P802.1Qcx YANG Data Model for
Connectivity Fault Management to prepare
drafts for and conduct Working Group
balloting.

- Proposed: Norm Finn
- Second: János Farkas

- In the WG (y/n/a): 41, 0, 0

Motion

- 802.1 authorizes the TSN Task Group to hold pre-meeting on the Monday morning of the March 2019 Plenary session.

- Proposed: Ludwig Winkel
- Second: Craig Gunther

Approved by Acclamation

Motion

- 802.1 authorizes the TSN Task Group to hold an Interim meeting on March 15, 2019 (i.e., the Friday after the IEEE 802 Plenary session) together with IEC 65C/MT9 to progress the IEC/IEEE 60802 Joint Project.

- Proposed: János Farkas
- Second: Ludwig Winkel

Approved by Acclamation

MOTION

802.1 authorizes Nendica to hold teleconferences on 2018-11-29, 2018-12-13, 2019-01-04, and 2019-01-10, each at 09:00 ET, and additional teleconferences to be planned at the meeting of 15/16 January and announced at least 15 days in advance.

– Access information is posted on the https://1.ieee802.org/802-nendica page.
– Agenda will be provided at least five days before the call.

Proposed: Nader Zein Second: Roger Marks

Approved by Acclamation

MOTION

802.1 authorizes the January 2019 Nendica meeting to generate a proposal for a revised Nendica ICAID extending the Industry Connections Activity until March 2021, for pre-circulation prior to the March 2019 plenary meeting.

Proposed: Nader Zein Second: Paul Congdon
For__38__Against_0__Abstain__3__

MOTION

802.1 accepts the Annual Nendica Report in https://mentor.ieee.org/802.1/dcn/18/1-18-0078-01-ICne-annual-nendica-report-proposed-draft.ppt

Proposed: Roger Marks Second: Paul Congdon

For__37__Against_0__Abstain__2__

Motion

- 802.1 authorizes the TSN Task Group to hold teleconferences weekly on Mondays from 8AM (US-Pacific) to 10AM (US-Pacific).
- Access information is posted on the http://www.ieee802.org/1/tsn page and will be updated as necessary.
- Agenda will be announced on the 802.1 email reflector at least five days before the call.

- Proposed: János Farkas
- Second: Craig Gunther

Approved by Acclamation

Motion

- 802.1 authorizes the TSN Task Group to hold bi-weekly teleconferences together with IEC 65C/MT9 to progress the IEC/IEEE 60802 Joint Project on Mondays from 6AM (US-Pacific) to 8AM (US-Pacific); starting with December 3, 2018.
- Access information is posted on the http://www.ieee802.org/1/tsn page and will be updated as necessary.
- Agenda will be announced on the 802.1 email reflector at least five days before the call.

- Proposed: János Farkas
- Second: Ludwig Winkel

Approved by Acclamation

Motion

- 802.1 authorizes the TSN Task Group to hold bi-weekly teleconferences to discuss the application of TSN to automotive in-vehicle networks on Tuesdays from 9AM (US-Eastern) to 10AM (US-Eastern) starting with November 27, 2018.
- Access information is posted on the http://www.ieee802.org/1/tsn page and will be updated as necessary.
- Agenda will be announced on the 802.1 email reflector at least five days before the call.

- Proposed: Michael Potts
- Second: Craig Gunther

Approved by Acclamation

Motion

- Authorize once-a-month e-meeting cycle for the YANGsters group convening on the last Wednesday of every month from 9AM (US-Eastern) to 10AM (US-Eastern), starting with November 28, 2018.

- Access information is posted on the https://1.ieee802.org/yangsters/yangsters-call-information/ page and will be updated as necessary.

- Proposed: Scott Mansfield
- Second: János Farkas

Approved by Acclamation

Motions – Any others?

Motion

Approve to hold 802.1 interim September 16-20, 2019 in Edinburgh, UK hosted by ADVA Optical Networking

Proposal in:

- http://www.ieee802.org/1/files/public/docs2018/admin-messenger-sep2019-interim-proposal-1118-v01.pdf

Moved: John Messenger

Second: Mick Seaman

In the WG: (y/n/a)   36, 0, 0