802.1 Plenary – March 2018 Rosemont, IL, USA

Opening 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

Wednesday midweek

- Call for Patents
- Sanity check – current projects
- 802.11aq/RAC issue
- Motions for EC consent agenda
- Future plenary format
- Chair & Vice-Chair elections

Friday 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.

◆IEEE

(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

◆IEEE

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

IEEE

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

◆IEEE

Task Group Patent policy announcements

- TG Chairs please note:
  - At the start of each TG meeting, TG Chair needs to perform the Call for Patents as per the previous slides.
  - During the rest of the week, please announce each morning that the meeting is subject to the Patent Policy as read and displayed at the opening of the TG meeting.
  - If there are any responses to the call, minute it.
  - Direct attendees to the PatCom website for details of the policy:

  http://standards.ieee.org/board/pat/index.html

  and for the slide set:

  http://standards.ieee.org/board/pat/pat-slideset.ppt

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

Participation in IEEE 802 Meetings

- Participation in any IEEE 802 meeting (Sponsor, Sponsor Subgroup, Working Group, Working Group Subgroup, etc.) is on an individual basis

  - *Participants in the IEEE standards development individual process shall act based on their qualifications and experience. (https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf section 5.2.1)*

  - *IEEE 802 Working Group membership is by individual; "Working Group members shall participate in the consensus process in a manner consistent with their professional expert opinion as individuals, and not as organizational representatives".*
    (http://ieee802.org/PNP/approved/IEEE_802_WG_PandP_v19.pdf section 4.2.1)

  - You have an obligation to act and vote as an individual and not under the direction of any other individual or group. Your obligation to act and vote as an individual applies in all cases, regardless of any external commitments, agreements, contracts, or orders.

  - You shall not direct the actions or votes of any other member of an IEEE 802 Working Group or retaliate against any other member for their actions or votes within IEEE 802 Working Group meetings, see https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf section 5.2.1.3 and http://ieee802.org/PNP/approved/IEEE_802_WG_PandP_v19.pdf section 3.4.1, list item x

- By participating in IEEE 802 meetings, you accept these requirements. If you do not agree to these policies then you shall not participate.

Security issues

- **Please wear your badge** when in the meeting areas of the hotel
- This will help the hotel security staff to improve the general security of the meeting rooms
- **PCs HAVE BEEN STOLEN** at previous meetings – DO NOT assume that meeting areas are secure

General information on 802.1...

- Newcomers orientation:
  - http://www.ieee802.org/1/files/public/docs2017/tsn-farkas-intro-0317-v01.pdf
- Procedures background :
  - http://www.ieee802.org/1/files/public/minutes/802-1-general-info-v3.pdf
- Minutes
  - http://www.ieee802.org/1/pages/minutes.html
- Meeting contributions
  - http://ieee802.org/1/filenaming.html
  - Please upload BEFORE presentation
- Meeting information and attendance:
  - Schedule: http://802world.org/attendee
  - Attendance: http://imat.ieee.org   (9 of 12 = 75%)

Chicago O'Hare Logistics

- Food & Beverage Daily
  - Grand Ballroom Foyer
  - Continental Breakfast: 7:30 AM to 9:00 AM
  - Morning Coffee/Tea: 9:00 AM to 11:00 AM
  - Lunch – *on your own*   O'H Buffet, Red Bar cash lunch
  - Afternoon Coffee/Tea: 2:00 PM to 4:00 PM
    - Snacks   3:00pm
- Social Event
  - A casual reception with food, drinks and musical entertainment
  - Celebrating the contributions of Pat Thaler and Adrian Stephens
  - Wednesday 6:30pm – 9:30pm
- Event updates
  - Additional info: http://802world.org/attendee
  - Top ten
  - Twitter @IEEE802

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
  - Data Center Bridging TG Chair: Pat Thaler
  - OmniRAN TG Chair: Max Riegel
  - Maintenance of website: John Messenger & Paul Unbehagen
  - Maintenance of Email exploder: Hal Keen
- Website
  - http://www.ieee802.org/1/

The following are 802.1 voters (56):

Assmann, Ralf
Bao, Shenghua
Bechtel, Gordon
Bierschenk, Jens
Bjornstad, Steinar
Boiger, Christian
Bottorff, Paul
Chen, David
Chen, Feng
Cheng, Weiying
Congdon, Paul
Cummings, Rodney
Elbakoury, Hesham
Farkas, Janos
Finn, Norman
Fontaine, Mickael
Garner, Geoffrey
Gray, Eric W
Gunther, Craig

Gutierrez, Marina
Haddock, Stephen
Hantel, Mark
Holness, Marc
Karl, Michael
Keen, Hal
Kehrer, Stephan
Koto, Hajime
Li, Yizhou
Mangin, Christophe
McIntosh, James
Messenger, John
Moskowitz, Robert
Mustala, Tero
Ohsawa, Tomoki
Pannell, Donald R
Parsons, Glenn
Pienciak, Walter
Potts, Michael

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

The following have <u>lost</u> their voting membership through lack of qualifying attendance credit:

None

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

20 voting members…

The following will become voting members when/if they show up here this week:

Mansfield, Scott

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:

Cam-Winget, Nancy

Canchi, Radhakrishna

DeLaOlivaDelgado, Antonio

Ellegard, Lars

Fang, Yonggang

Geilhardt, Frank

Gravel, Mark

Hotta, Yoshifumi

Hung, Soar

Itaya, Satoko

Kabra, Lokesh

Kojima, Fumihide

Maruhashi, Kenichi

Qiu, Wei

Schmitt, Juergen

Shen, Li

Ting, Ao

Veisllari, Raimena

Wu, Yanwei

Yamaura, Takahiro

Yin, Yue

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

Randall, Karen

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.

802.1 website update

- WordPress on IEEE server
  - http://1.ieee802.org
  - Paul Unbehagen is leading, volunteers for plugins
- Phase I - now
  - consolidate all current web pages/servers
  - distribute page change control to TG chairs and project editors
- Phase II – 2018-2019
  - move document storage to (new) mentor

Future interim meetings

- May 21-25, 2018
  - Ethernet Alliance in Pittsburgh, USA
- September 10-14, 2018
  - Transpacket in Oslo, Norway
- Jan 14-18, 2019
  - FFPA proposal in Hiroshima, Japan
- May 20-24, 2019
  - Ethernet Alliance in North America
- Sept 2019
  - Potential ADVA Optical Networking proposal
- Jan 2020
  - Geneva?

Future plenaries

- July 9-13, 2018 – San Diego, CA USA
  - Manchester Grand Hyatt
- November 12-16, 2018 – Bangkok, Thailand
  - Marriott Marquis Queen's Park

- 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 2020 – Atlanta, GA, USA
- July 2020 – Montreal, QC, Canada
- November 2020 – Bangkok, Thailand

Meeting time

- 5 day interims from January 2018
- 5 day plenary trial
  - November 2017 & March 2018
  - Monday to Friday
    - Closing plenary on Friday morning
    - Mid-week plenary Wednesday
  - Do we continue or revert to 4 day?
    - Discussion on Wednesday

DCB TG

- Pat Thaler will retire after this meeting
- Options under consideration
  - Maintain TG with new chair
  - Disband TG and distribute remaining work
    - E.g., .1Qcy to TSN, .1CQ to Security
  - Expand TG scope with new chair
    - E.g., add .1AX

802 elections

- All leadership positions open
- Candidates
  - Paul Nikolich, 802 chair, will stand for re-election on <u>Friday</u> and will appoint:
    - first Vice Chair-James Gilb
    - second Vice-Chair-Roger Marks
    - Recording Secretary-John D'Ambrosia
    - Executive Secretary-Jon Rosdahl
    - Treasurer-George Zimmerman
  - 802.1 chair and vice-chair will stand for re-election on <u>Wednesday</u>

802 EC report – Plenary #118

- 802.20 withdrawal
- 802 Task Force
  - Tools update
  - Declaration of Affiliation requirements
  - Global Data Protection Regulations
  - IEEE legal update
- P&P, WG & CG change proposals (EC-18-026)
  - Remove: old PAR requirements, old treasurer requirements
  - New: CSD for "Security and Privacy" implications, ICAID approval process like PAR, dominance remedy
  - Next time: 802 Ombudsman as a new EC position
  - Update Sponsor P&P (and then WG P&P) in 2018
- Venues (EC-18-028)
  - Face to Face & Verilan contracts expiring this year
- Treasurer (EC-18-043)
  - 2017 loss: $50k + $110k + $30k   = $190k (reserve fallen to $1.5M)
  - 2018 projection
    - Chicago projection $100k loss
    - San Diego forecast $25k
    - Bangkok forecast even
  - 2019 projection is much worse

EC meetings this week

Mon 08:00-10:00 Opening Executive Committee meeting

Tue 13:30-15:30 802/JTC1/SC6 Standing Committee

Thurs 08:00-09:00 802/ITU Standing Committee

Thu 07:30-08:00 Next venue space planning
Thu 08:00-09:00 Future venue planning
Thu 09:00-10:00 802 Chair's Open Office hour
Thu 10:30-12:30pm IEEE 802 Task Force
            Exec session 11-12

Fri 13:00-18:00 closing Executive Committee meeting

IEEE-SA staff support

- Kathryn Bennett
- Jonathan Goldberg

- IEEE-SA Editorial Staff table
  - See schedule – Mon 2-4 & Tues/Wed 11-2
- Editorial staff
  - Michelle Turner
  - Patrick Gibbons
  - Daniella Martinez

myProject status unchanged

- Phase I: convert myProject from PERL
  - Greater effort required than anticipated
  - Completion not expected before 2018 YE
- Phase II: Feature Enhancement
  - To be incorporated into scheduled maintenance releases
- Phase III: MENTOR and IMAT conversion from PERL
  - Not scheduled or budgeted at this time

IEEE Open Source offering

- Summary with CLA
  - https://mentor.ieee.org/802-ec/dcn/17/ec-17-0103-00-00SA-ieee-open-source-offering.pdf
  - https://mentor.ieee.org/802-ec/dcn/17/ec-17-0172-00-00EC-ieee-sa-update-on-open-source-activity.pdf
- IEEE 802 view
  - Maintain option of current process
    - i.e., source code (YANG, MIB, etc) can be developed as part of the standards process
  - Interest with open source for normative/informative use in standards (notably for YANG)
    - Possible interest with being part of a trial
    - But there are concerns with the proposed process (e.g., CLA)
- Discuss in YANGsters

Public Review

- Starting on 6 July 2015, all eligible projects where a Sponsor ballot is initiated will also have a Public Review period initiated simultaneously.
  - https://publicreview.standards.ieee.org
  - Staff will transfer any comments to myBallot
- Status
  - No comments yet
  - Open public review
    - Closing Apr 9: 802.1Qcy
    - Closing March 20: 802.1CM
- Questions? **FAQ**

Email ballots (ePoll)

- 13-802.1AC-2016-Cor-1 to Sponsor Ballot
  - Approve sending P802.1AC-2016-Cor-1/D2.0 to Sponsor Ballot
    Note: There is no CSD for this maintenance PAR
    Supporting slides

  - Moved: John Messenger
    Seconded: Eric Gray

  - Feb 3-14, 2018
  - Approved - 35/0/1

PARs this week 1/2

- 802.1 PARs
  - P802.1CBcv - Amendment: Information Model, YANG Data Model and Management Information Base Module, PAR and CSD
  - 802.1DC - Standard for Quality of Service Provision by Network Systems
    PAR and CSD
  - 802.1CBdb - Amendment: Extended Stream Identification Functions, PAR and CSD
  - 802.1Qcz - Amendment: Congestion Isolation, PAR and CSD
  - P60802 - Standard: Time-Sensitive Networking Profile for Industrial Automation, PAR and CSD

PARs this week – 2/2

- Other WG PARs:
    - 802.3cg, Amendment: 10 Mb/s Operation over Single Balanced Twisted-pair Cabling and Associated Power Delivery, PAR Modification and CSD Modification

    - 802.3ck - Amendment: 100 Gb/s Signaling, PAR and CSD

    - 802.3cm - Amendment: 400Gb/s over MMF, PAR and CSD

    - 802.11bb - Amendment: Light Communications (LC), PAR and CSD

    - 802.15.4w - Amendment: LPWA (Low Power Wide Area), PAR and CSD

    - 802.15.4x - Amendment: FANE (Field Area Network Enhancements), PAR and CSD

    - 802.15.4y - Amendment: SECN (Security Next Generation), PAR and CSD

    - 802.15.4z - Amendment: EIR (Enhanced IR-UWB Ranging), PAR and CSD

    - 802.22.3 - Standard: Spectrum Characterization and Occupancy Sensing , PAR Modification, PAR Extension, and CSD

802 Industry Connections

- IEEE 802 network enhancements for the next decade
  - This group is being run as a subgroup of 802.1
  - The chair of this Industry Connections activity is now
    - Roger Marks

- Scope
  - This activity will assess emerging requirements for IEEE 802 based communication infrastructures, identify commonalities, gaps, and trends not currently addressed by IEEE 802 standards and projects, and facilitate building industry consensus towards proposals to initiate new standards development efforts.

Tutorials

None

Meetings in their place:

6:00–7:30 pm: **802.1 Newcomers**

7:30 – 9:30 pm: **YANGsters**

8:00 – 9:30pm **: 802.3 NEA – low latency switching**

Liaisons within 802

- Joint meetings
  - Tues 18:30 – 19:30 – 802.1, 802.15
  - Thurs 18:00 – 18:30 - 802.24
- IEEE 802 JTC1 standing committee meetings
  - Tuesday (ballots) PM1
- IEEE 802 ITU standing committee
  - Thursday 8am
    - TSAG updates
    - JCA IMT-2020
- IEEE 802 IETF standing committee
  - https://www.iab.org/activities/joint-activities/iab-ieee-coordination/
- IEEE 802 task force
  - Thursday 10:30am
- IEEE 802.11aq discussion
  - Thursday 8-10am

Incoming Liaisons

- Maintenance:
  - ITU-T on OTN standardization work plan
    http://www.ieee802.org/1/files/public/docs2018/liaison-SG15-LS100-OTNT_standardization_worplan-0318.zip

- YANGsters:
  - BBF on YANG
    http://www.ieee802.org/1/files/public/docs2018/liaison-BBF-121_CFM_YANG-0118.pdf
    http://www.ieee802.org/1/files/public/docs2018/liaison-BBF-116-ieee8023-yang-epon-0118.pdf
    unapproved response from January interim
  - ITU-T Q14/15 on CFM YANG
    http://www.ieee802.org/1/files/public/docs2017/liaison-SG15-LS68_CFM_OAM_1017.zip
    unapproved response from January interim

- TSN
  - ITU-T on new versions of G.8021, G.8023 & G.8013/Y.1731
    http://www.ieee802.org/1/files/public/docs2018/liaison-SG15-LS108-G.8013_G.8021_G.8023-0318.pdf
  - ITU-T on IM and DM OAM
    http://www.ieee802.org/1/files/public/docs2018/liaison-SG15-LS103-IM+DM_OAM-0318.pdf
  - ITU-T on MEF 10.4 OWFD
    http://www.ieee802.org/1/files/public/docs2018/liaison-SG15-LS102-MEF10.4_OWFD-0318.pdf
  - NGMN on RAN functional split and xhaul
    http://www.ieee802.org/1/files/public/docs2018/liaison-NGMN-RAN_FSX-0318.zip
  - IEC SC65C on review of draft IEC 60802
    http://www.ieee802.org/1/files/public/docs2018/liaison-IEC-65C-MT9_TSN_Liaison-0318.pdf
    http://www.ieee802.org/1/files/private/liaisons/liaison-65c-60802-Ed1-IS-preCD-OE_20180201_rev5p0_Clean.pdf

IEC/IEEE Joint Working Group

- Summary for EC
  - https://mentor.ieee.org/802-ec/dcn/17/ec-17-0169-00-INTL-iec-ieee-jwg-proposal.pdf

- IEC/IEEE Dual Logo Agreement Joint Development
  - http://www.ieee802.org/1/files/public/docs2017/admin-haasz-iec-joint-development-1117-v1.pdf

- Process Guideline for JWG between IEC SC65C and IEEE 802.1
  - http://www.ieee802.org/1/files/public/docs2018/admin-IEC-IEEE-JWG-cooperation-process-0118.pdf

Sanity check – current workload

Project	Subject	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1Qcc	SRP enhancements & performance improvements	Sponsor Ballot - cond	Sponsor Ballot recirc	D2.1	RevCom conditional	Dec '19
802.1CF	Access network (OmniRAN)	WG ballot	TG ballot	D1.0	WG ballot	Dec '18
802.1AS-REV	Time synch enhancements	PAR modification	WG ballot	D6.0	Sponsor Ballot (July)	Dec '19
802.1Qcj	Auto Attach to PBB	TG Ballot	TG Ballot	D0.2	WG ballot	Dec '19
802.1Xck	802.1X YANG data model	WG ballot	WG ballot recirc	D2.0	Sponsor Ballot	Dec '19
802.1CM	Profile for Fronthaul	Sponsor Ballot	Sponsor Ballot	D2.0	RevCom conditional	Dec '19
802.1Qcy	EVB VDP extension	Sponsor Ballot	Sponsor Ballot	D2.1	Sponsor Ballot	Dec '19
802.1Qcp	802.1Q YANG data model	Sponsor Ballot - cond	Sponsor Ballot recirc	D2.0	RevCom conditional	Dec '19
802E	Privacy	TG ballot	TG ballot	D0.7	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	TG ballot	TG ballot	D0.3	PAR modification - YANG	Dec '20
802.1CS	LRP	TG ballot	TG ballot	D1.2	TG ballot	Dec '21
802.1AX-REV	Link Aggregation	WG ballot	TG ballot	D0.1	WG Ballot	Dec '20
802.1AR-REV	Secure Device Identity	Sponsor Ballot	Sponsor Ballot recirc	D2.6	RevCom conditional	Dec '21
802.1Q-REV	Bridges and Bridged Networks	Sponsor Ballot	Sponsor Ballot	D2.1	RevCom	Dec '20
802.1AE-REV	MAC security	WG ballot	WG ballot recirc	D1.1	WG ballot recirc	Dec '21
802.1ACct	support for 802.15.3	PAR development	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	PAR development	PAR development		NesCom	
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	TG Ballot	Editor's draft		TG ballot	Dec '21
802.1Qcx	CFM YANG	TG Ballot	Editor's draft	D0.1	TG ballot	Dec '21
802.1AC/cor1	MAC Service	Sponsor Ballot	WG ballot	D2.0	Sponsor Ballot	Dec '21
802.1Qcz	Congestion Isolation	PAR development	PAR development		NesCom	
802.1CBdb	FRER (CBcv) extensions	PAR development	PAR development		NesCom	
60802 (DA)	Profile for Industrial Automation	PAR development	PAR development		NesCom	
802.1DC	Queuing for non-bridges	PAR development	PAR development		NesCom	

Promotion

- IEEE-SA marketing collateral
  - TSN automotive, TSN industrial
  - Others? Update?

- Issue press releases or eBlasts
  - Start of PAR, Final approval
  - Editors are asked to propose…

- Presence at Industry Events
  - IEEE Communications Standards Magazine, June 2018
    - TSN Feature Topic
  - TSN/A – Stuttgart, September 2018
    - again?

IEEE-SA Awards

- Standards Medallion
  - For major contributions to standards development, e.g., leadership in standardization of new technologies, achievement of standards development goals, identification of opportunities to better serve the needs of standards users.

- International Award
  - For an individual IEEE and IEEE-SA member who has made an extraordinary contribution to establishing the IEEE-SA as a world-class leader in standardization.

- Emerging Technology Award
  - For an individual, working group, or company that has initiated or advanced a new technology within the IEEE-SA standards development process and has produced a balloted standards document that has market relevance.

- Distinguished Service Award
  - For present and past members of the IEEE-SA Standards Board for meritorious and distinguished service to the IEEE-SA Standards Board and its programs

- Standards Education Award
  - This award is jointly sponsored by the IEEE Educational Activities Board and the IEEE Standards Association. For an individual, company, or organization who has made significant contributions in the area of education about standards.

- Lifetime Achievement Award
  - Presented to an individual whose achievements include:
    - Significant technical contributions to, and an extraordinary career in their field of interest
    - Outstanding service to the IEEE-SA, enabling achievement of its objectives
    - Demonstrated commitment to standards development for at least 15 years

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Standards Project Awards

- Offered to the chairs, Editor and significant contributors after publication
- Up Next
    - ...

Motions for midweek plenary

- For motions requiring EC action
  - PARs to NesCom
  - Drafts to Sponsor ballot
  - Drafts to RevCom
- EC required supporting material must be sent to the WG chair before the motion is considered
  - Preferably in the motion slides
- Consent agenda (EC-16-183)
  - Must be sent to EC by noon Wednesday

802.1 plenary schedule

V3

IEEE 802 PLENARY SESSION
Rosemont (Chicago), Illinois
March 4-9, 2018

802.1 tracks and times

	SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
07:00-07:30						
07:30-08:00						
08:00-08:30		Trk 1: TSN	MTN TG	Trk 1: TSN / Trk 2: DCB	Trk 1: TSN / ITU SC	Trk 5: JWG / Trk 1: TSN
08:30-09:00		Opening 802 EC plenary				
09:00-09:30				Trk4 SEC	Trk 4: SEC	
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: DCB / Trk 4: SEC	Trk 1: TSN / Trk 2: DCB / Trk 4: SEC / Trk 5: JWG	Trk 1: TSN / Trk 3: OR / Trk 4: SEC / Trk 5: JWG	Closing 802.1 Plenary
11:00-11:30						
11:30-12:00						
12:00-12:30						
12:30-13:00		Lunch	Lunch / Editors Mtg	Lunch	Lunch / Editors Mtg	Lunch
13:00-13:30						
13:30-14:00		Trk 1: TSN / Trk 3: OR	Trk 1: TSN / JTC1 SC / Trk 3: OR / Trk 4: SEC / Trk 5: JWG	Midweek 802.1 plenary	Trk 1: TSN / Trk 2: DCB / Trk 3: OR / Trk 4: SEC / Trk 5: JWG	Closing 802 EC 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 3: OR / Trk 4: SEC	Trk 1: TSN / Trk 3: OR / Trk 4: SEC / Trk 5: JWG	Trk 1: TSN / Trk 2: DCB / Trk 3: OR 5G / Trk 4: SEC / Trk 5: JWG	Trk 1: TSN / Trk 2: DCB / Trk 4: SEC	
16:30-17:00						
17:00-17:30						
17:30-18:00						
18:00-18:30		802.1 & TSN Newcomers	Break	Break	Joint 802.1 & 802.24	
18:30-19:00	TG Chairs Mtg		Joint 802.1 & 802.15			
19:00-19:30				Networking Reception		
19:30-20:00		YANGsters	IC - 802 NEND			
20:00-20:30						
20:30-21:00						
21:00-21:30						
21:30-22:00						
22:00-22:30						

KEY:
JWG: IEEE/IEC Joint WG
TSN: Time Sensitive Netw'kg
MTN TG: Maintenance TG
SEC: Security
DCB: Data Center Bridging
OR: OmniRAN

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802.1 Management meetings

☐ Sunday – 6pm – 802.1 management meeting - TG chairs
  – Agenda finalization for Monday (including TG agendas)
  – Insanity slides update
  – EC Consent agenda motion development (NesCom, RevCom, Sponsor Ballot, SC6 – all with supporting information)

☐ Tuesday – 12:30pm- 802.1 management meeting – TG chairs + optionally editors
  – Agenda finalization for Wednesday (including TG updates, if any)
  – EC Consent agenda motion finalization – submission Wed AM

☐ Thursday – 12:30pm – 802.1 management meeting – TG chairs + optionally editors
  – Agenda finalization for Friday (including TG reports)
  – EC regular motion finalization (liaisons, other)
  – WG motions (calls, meetings, minutes, TG/WG ballots)
  – web strategy

YANGsters meetings

- YANG across IEEE 802
  - Communication, Coordination, Mentoring
  - Point of Contact/Center of Expertise for IEEE 802
- Monday agenda
  - general best practices
  - review of tooling
  - Open source trial for YANG
  - YANG amendments (e.g., CFM,LLDP)

TG agendas

- Security TG
- TSN TG
- OmniRAN TG
- Maintenance TG
- Data Center Bridging TG
- 802 Network Enhancements IC

1. [P802.1AR-Rev Secure Device Identity](#)
   Request permission to go to RevCom (Sponsor Ballot complete)

2. [P802.1Xck Port-Based Network Access Control – YANG Data model](#)
   Request permission to go to Sponsor Ballot (WG Ballot complete)

3. [P802.1AE-Rev MAC Security (roll-up and maintenance revision)](#)
   Request permission to go to Sponsor Ballot (WG Ballot completes Tuesday)

4. [P802E Privacy (Recommended Practice … for IEEE 802 …)](#)
   TG ballot resolution

   Presentations
   [Section 8 Recommendations](#) Andersdotter, Zuniga, Cunche
   [Threat mitigation strategies](#) Andersdotter, Zuniga, Cunche
   Tuesday 9.30 am (following Maintenance TG), Tuesday 3.30 pm (following JTC1 SC6 SC)
   Wednesday 9.00 am, 4.00 pm
   Thursday 9.00 am, 2.00 pm

5. P802.1X-Rev (Revision PAR proposal)
   [..docs2018/x-rev-seaman-draft-par-0218-v01.pdf](#)Monday pm, Tuesday (if required)

6. Comments on 802.15 SECN (Security Next Generation) PAR and CSD
   [https://mentor.ieee.org/802.15/dcn/18/15-18-0037-03-secn-draft-par-for-4y.pdf](#)
   [https://mentor.ieee.org/802.15/dcn/18/15-18-0040-04-secn-draft-csd-for-4y.docx](#)Monday pm,
   Tuesday (if required)

7. JTC1 SC6 SC participation
   Response to NB comments on pre-DIS ballot of 802cTuesday 1.30 pm

8. A.O.B.

9. Future meetings/teleconferences

Agenda times are subject to change, do not use to plan your meeting attendance without further consultation. At IEEE 802 plenaries, 802.1 WG plenaries are planned for Monday 10.30 am, Wednesday 1.30 pm, and Friday 10.30 am. The maintenance task group meets Tuesday 8.00 am.

802.1 TSN TG Agenda

V1	IEEE 802 PLENARY SESSION Rosemont (Chicago), Illinois March 4-9, 2018				
	802.1 Time-Sesnsitve Networking (TSN) TG				
	SUN	**MONDAY**	**TUESDAY**	**WEDNESDAY**	**THURSDAY**	**FRIDAY**

	SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
07:00-07:30						
07:30-08:00						
08:00-08:30		AS-Rev	MTN TG	Whole TSN with JWG (PAR)	Trk A: JWG / Trk B: AX-Rev	AS-Rev
08:30-09:00						
09:00-09:30						
09:30-10:00				JWG / PARs		
10:00-10:30		Break	Break	Break	Break	Break
10:30-11:00		Opening 802.1 plenary	Whole TSN with JWG	Trk A: JWG / Trk B: PARs	Trk A: JWG / Trk B: liaisons	Closing 802.1 Plenary
11:00-11:30						
11:30-12:00						
12:00-12:30						Lunch
12:30-13:00		Lunch	Lunch (Editors' meeting)	Lunch	Lunch	
13:00-13:30						
13:30-14:00		incoming liaisons, Qcc, Qcp, AS-Rev	Trk A: JWG / Trk B: CM	Midweek 802.1 plenary	Trk A: JWG / Trk B: CS: LRP	Closing 802 EC
14:00-14:30						
14:30-15:00						
15:00-15:30						
15:30-16:00			Break	Break	Break	
16:00-16:30			Trk A: JWG / Trk B: CM	Trk A: JWG / Trk B: YANG	Whole TSN with JWG	
16:30-17:00						
17:00-17:30						
17:30-18:00						
18:00-18:30	TG Chairs Mtg	802.1 & TSN intro	Break	Break	802.1 TSN - 802.24	
18:30-19:00			802.1 - 802.15 joint	Social event		KEY:
19:00-19:30						TSN: Time-Sensitive Netw.
19:30-20:00		802.3 NEA - Switch Latency / Industrial	IC - 802 NEND			JWG: IEEE-IEC Joint WG
20:00-20:30						MTN TG: Maintenance TG
20:30-21:00						NEA: Next Ethernet Apps
21:00-21:30						IC: Indusry Connecions
21:30-22:00						NEND: Ntwk Enhanc for Next Dec
22:00-22:30						

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

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OmniRAN Mar 2018 Agenda

	Mon 03/05	Tue 03/06	Wed 03/07	Thu 03/08	Fri 03/09
08:00 – 10:00	802 EC Opening	802.11 WNG			802.11 Closing Plenary
10:30 – 12:30	802.1 Opening Plenary		802.11/802.15 Mid-week Plenaries		802.1 Closing Plenary
13:30 – 15:30	OmniRAN opening	802.1 TF chairs meeting	802.1 Midweek Plenary	OmniRAN closing	802 EC Closing
16:00 – 18:00	Tutorials	Joint 802.1/802.15 — ICA NEND			

OmniRAN Agenda for Mar 2018

- Review of minutes
- Reports
- IC NEND contributions review
- Status of P802.1CF D1.0 comment resolution
- Documentation of P802.1CF D1.0 comment resolution
- Review of contributions addressing unresolved P802.1CF/D1.0 comments
- Plan for 802.1CF-D1.1 draft and recirculation ballot
- Conference calls until Jul 2018 F2F
- Status report to IEEE 802 WGs
- Next meeting
- AOB

Maintenance meeting March 6th, 2018 Agenda

- Patents and Guidelines
- Attendees
- Status
- Additional comments received
- New Maintenance items
  - 0204: 802.1AS Comment 179
- Existing Maintenance items
- Comment resolution
  - 802.1Q-Rev/D2.1
- Liaisons
  - IETF LLC for long frames – check status of liaison: liaison-IETF-llc-encap-0717-v03
  - Incoming: OTNT
- SC6 comment resolution
- SC6 status

DCB & Addressing Agenda

Meeting Tuesday & Wednesday

Tuesday AM2 (1030 - 1230)
   - Responses to JTC1 review comments on 802c   - Roger Marks
   - P802.1Qcy status
Wed AM1 and AM2 (800 - 1230)
   - P802.1Qcz PAR develop responses to comments received on the PAR
   - Other presentations on P802.1Qcz
Wed PM2 (1600-1800) and Thursday (900 - 1800)
   - P802.1CQ

802 NEND

Network Enhancements for the Next Decade IC

- ☐ Administrative
- ☐ Project Objectives/Scope
- ☐ Project Plan
- ☐ Contributions
  - – Flexible Factory IOT
  - – Future Data Centre Networks
- ☐ Communications Plan
  - – (information sharing, meetings, schedule, etc.)
- ☐ Actions/Next Steps

Any other business?