

802.1 Plenary – July 2018

San Diego, CA, USA

Opening Agenda

Glenn Parsons – IEEE 802.1 WG Chair

glenn.parsons@ericsson.com

John Messenger – IEEE 802.1 acting WG Chair

JMessenger@advaoptical.com

802.1 plenary agenda

Monday opening

- [Call for Patents](#)
- Participation [guidelines](#)
- Administrative
- Membership status
- Future Meetings
- 802 reports
- Sanity check – current projects
- 802.11aq/RAC issue
- 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.

Participants have a duty to inform the IEEE

- Participants shall 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 should 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**

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

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>

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**

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”. (subclause 4.2.1 “Establishment”, of the IEEE 802 LMSC Working Group Policies and Procedures)**
- **Participants have an obligation to act and vote as an individual and not under the direction of any other individual or group. A Participant’s obligation to act and vote as an individual applies in all cases, regardless of any external commitments, agreements, contracts, or orders.**
- **Participants 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 the IEEE 802 LMSC Working Group Policies and Procedures, subclause 3.4.1 “Chair”, 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.

(Latest revision of IEEE 802 LMSC Working Group Policies and Procedures: <http://www.ieee802.org/devdocs.shtml>)

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/docs2018/tsn-farkas-intro-0318-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> (8 of 10 (75%))

Logistics

□ Food & Beverage Daily

- Grand Ballroom Foyer
- Continental Breakfast: 7:30 AM to 8:30 AM
- Morning Coffee/Tea: **10:00 AM** to 11:00 AM
- Lunch – ***on your own*** ...
- Afternoon Coffee/Tea: **3:00 PM** to 4:00 PM

□ Social Event

- A casual reception with food, drinks and musical entertainment
- Wednesday 6:30pm – 9:30pm

□ Event updates

- Additional info: <http://802world.org/attendee>
- Twitter @IEEE802

802.1 officers

□ Officers

- Chair: Glenn Parsons
- Vice Chair and acting chair: John Messenger
- Recording Secretary and acting vice chair: 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: Jordon Woods
- OmniRAN TG Chair: Max Riegel
- Acting Maintenance TG chair: Paul Congdon
- NEND ICA chair: Roger Marks
- Maintenance of website: Paul Unbehagen
- Maintenance of Email exploder: Hal Keen (**volunteer needed**)

□ Website

- <http://www.ieee802.org/1/>

The following are 802.1 voters (55):

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

Kabra, Lokesh

Karl, Michael

Kehrer, Stephan

KOTO, Hajime

Mangin, Christophe

Mansfield, Scott

McIntosh, James

Messenger, John

Mustala, Tero

Ohsawa, Tomoki

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

Woods, Jordon

Yamaura, Takahiro

YU, XIANG

Zein, Nader

The following have lost their voting membership through lack of qualifying attendance credit:

None

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

Winkel, Ludwig

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

Bechtel, Gordon

DeLaOlivaDelgado,
Antonio

Ellegard, Lars

Fang, Yonggang

Fontaine, Mickael

Geilhardt, Frank

Gravel, Mark

Harima, Taro

Hasegawa, Akio

Hotta, Yoshifumi

Hung, Soar

Itaya, Satoko

Kojima, Fumihide

Maruhashi, Kenichi

Ohue, Hiroshi

Osagawa, Daisuke

Shen, Li

Sun, Wenhao

Tarui, Isao

Ting, Ao

Yin, Yue

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

Schewe, Frank

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, other volunteers welcome
- 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

- September 10-14, 2018
 - [Transpacket](#) in Oslo, Norway
- Jan 14-18, 2019
 - [FFPA](#) in Hiroshima, Japan
- May 20-24, 2019
 - [Ethernet Alliance](#) in North America
- Sept 2019
 - Potential ADVA Optical Networking proposal
- Jan 2020
 - Geneva?
- May, 2020
 - Potential Ethernet Alliance proposal

Future plenaries

- 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

802 EC report – Plenary #119

- 802 Task Force (Thurs 10:30)
 - IEEE SA Tools update
 - Network Service contract discussion (executive session)
- P&P, WG & CG change proposals ([EC-18-138](#))
 - Tutorials do ~~not~~ require registration/badges
 - Update Sponsor P&P (and then WG P&P) in 2018
 - Definition of dominance procedure
 - Should EC vice chairs be appointed by the Sponsor chair or elected by the WG&TAG chairs?
 - Add a Privacy item to the CSD: waiting for **P802E** to complete
- Venues ([EC-18-130](#))
- Treasurer ([EC-18-136](#))
 - March 2018 meeting: approx. \$87k loss
 - July 2018 meeting: estimated \$39k loss but 53 on-site registrations!
 - Anticipated break even for 2018 overall
- 802.11 (not discussed in EC opening plenary this time)
 - 802.11aq was approved by Standards Board after much discussion in executive session at the SASB meeting in June

EC meetings this week

Most subcommittee meetings are in Banker's Hill.

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

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

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

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

Public Review

- Starting on 6 July 2015, all eligible projects where a Sponsor ballot is initiated will also have a [Public Review](https://publicreview.standards.ieee.org) period initiated simultaneously.
 - <https://publicreview.standards.ieee.org>
 - Staff will transfer any comments to myBallot
- Status
 - No comments yet
 - Open public review
 - Closing July 1: 802.1Xck
- Questions? [FAQ](#)

Email ballots (ePoll)

□ 14-802.1&IEC65C-MT9 Interim

- 802.1 WG approves holding an interim meeting on the Friday of the July 2018 IEEE 802 Plenary (Friday 13th July) to work on the IEC/IEEE P60802 TSN Profile for Industrial Automation together with IEC 65C/MT9.
- Moved: Janos Farkas
Seconded: Craig Gunther
- Apr 19-30, 2018
- Approved - 42/2/0

PARs this week 1/2

- 802.1 PARs
 - 802.1Qcr - Amendment: Asynchronous Traffic Shaping, [PAR Modification](#) and [CSD](#)
 - 802.1Qcz - Amendment: Congestion Isolation, [PAR](#) and [CSD](#)
 - 802.1Qdd - Amendment: Resource Allocation Protocol, [PAR](#) and [CSD](#)
 - 802.1CF – Recommended Practice for Network Reference Model and Functional Description of IEEE 802 Access Network, [PAR Extension](#)

PARs this week – 2/2

□ Other WG PARs:

- 802.3cn - Amendment: 50 Gb/s, 100 Gb/s, 200 Gb/s, and 400 Gb/s Operation over Single-Mode Fiber and DWDM (dense wavelength division multiplexing) systems, [PAR](#) and [CSD](#)
- 802.11ax - Amendment: High Efficiency WLAN, [PAR Extension](#) and [CSD Modification](#)

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
 - 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 - Monday

None

Meetings in their place:

(6:00–7:30 pm): **YANGSTERS**

(7:30 – 9:30 pm): **NEND ICA (also Tuesday same time)**

Liaisons within 802

- Joint meetings
 - Tues 17:30 – 18:00 – 802.1 TSN, 802.24
 - Tues 18:30 – 19:30 – 802.1, 802.15
- IEEE 802 JTC1 standing committee meetings
 - Tuesday PM1
- IEEE 802 IETF standing committee ?
 - <https://www.iab.org/activities/joint-activities/iab-ieee-coordination/>
- IEEE 802 task force
 - Thursday 10:30am

Incoming Liaisons

□ TSN

- ITU-T on 802.1CM TSN for Fronthaul
<http://ieee802.org/1/files/public/docs2018/liaison-SG15-LS125-TSN-fronthaul-0718.pdf>
- ITU-T on 802.1 CFM OAM (LS123)
<http://ieee802.org/1/files/public/docs2018/liaison-SG15-LS123-CFM-Data-Models-0718.pdf>
- OPC Foundation on 60802
<http://www.ieee802.org/1/files/public/docs2018/liaison-OPCF-liaison-and-drafts-0718-v01.pdf>

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) | WG ballot | WG ballot | D2.1 | Sponsor Ballot and PAR extension | Dec '18 |
| 802.1AS-REV | Time synch enhancements | PAR modification | WG ballot | D7.0 | Sponsor Ballot (conditional) | 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 | Sponsor Ballot | Sponsor Ballot | D2.2 | RevCom conditional | Dec '19 |
| 802.1CM | Profile for Fronthaul | RevCom conditional | Published - Jun 8 | D2.2 | | Dec '19 |
| 802.1Qcy | EVb VDP extension | Sponsor Ballot | Sponsor Ballot | D2.3 | RevCom conditional | Dec '19 |
| 802.1Qcp | 802.1Q YANG data model | Sponsor Ballot - cond | Approved - Jun 14 | D2.3 | Publication | Dec '19 |
| 802E | Privacy | TG ballot | TG ballot | D1.0 | 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 | D0.4 | PAR modification - YANG | Dec '20 |
| 802.1CS | LRP | TG ballot | TG ballot | D1.5 | TG ballot | Dec '21 |
| 802.1AX-REV | Link Aggregation | WG ballot | TG ballot | D0.3 | 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 | Sponsor Ballot | Sponsor Ballot | D1.3 | RevCom | 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 | PAR approval | PAR Approved - May 14 | | Editor's draft | Dec '22 |
| 802.1Qcw | TSN (Qbu, Qbv, Qci) YANG | TG Ballot | PAR Approved | | TG ballot | Dec '21 |
| 802.1Qcx | CFM YANG | TG Ballot | Editor's draft | D0.2 | TG ballot | Dec '21 |
| 802.1AC/cor1 | MAC Service | Sponsor Ballot | Sponsor Ballot | D1.2 | RevCom | Dec '21 |
| 802.1Qcz | Congestion Isolation | PAR development | PAR development | | PAR approval | |
| 802.1CBdb | FRER (CBcv) extensions | PAR approval | PAR Approved - May 14 | | Editor's draft | Dec '22 |
| 60802 (DA) | Profile for Industrial Automation | PAR approval | PAR Approved - May 14 | | 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 | PAR approval | PAR Approved - Jun 14 | | WG ballot | |
| 802.1Qdd | Resource Allocation Protocol | PAR development | PAR development | | PAR approval | |

Promotion

- IEEE-SA marketing collateral
 - [TSN automotive](#), [TSN industrial](#)
 - Others? These need updating.
- 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

Standards Project Awards

- Offered to the chairs, Editor and significant contributors after publication
- Up Next
 - 802.1CM-2018
 - 802.1Q-2018
 - 802.1Qcc-2018
 - 802.1Qcp-2018
 - 802.1AR-2018

Motions for EC Consent Agenda

- 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

Motions for EC Consent Agenda

- Consent agenda (EC-18-115)
 - Must be sent to EC by noon Wednesday
 - 802.1Xck to RevCom conditional
 - 802.1AE-Rev to RevCom
 - 802.1AC-2016/Cor-1 to RevCom
 - 802.1Qcy to RevCom conditional
 - 802.1Qcr PAR modification to NesCom
 - 802.1Qcz to NesCom
 - 802.1Qdd to NesCom
 - 802.1CF PAR Extension to NesCom
 - 802.1AS-Rev to Sponsor (conditional)
 - 802.1CF to Sponsor
 - Items to PSDO for information
 - Items to PSDO for adoption

802.1 plenary schedule

| V2 | IEEE 802 PLENARY SESSION San Diego, California July 8-13, 2018 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|-----------------------|--|----|--------------|--------------------------|--|--|--|--------------|--|--|--|----------|--|--|--|--------|--|--|--|--|--|--|--|
| | 802.1 tracks and times | | | | | | | | | | | | | | | | | | | | | | | | |
| | SUN | MONDAY | | | | TUESDAY | | | | WEDNESDAY | | | | THURSDAY | | | | FRIDAY | | | | | | | |
| 07:00-07:30 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07:30-08:00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08:00-08:30 | | | | EC | | | | | | | | | | | | | | | | | | | | | |
| 08:30-09:00 | | Trk 1: TSN | | | | | | | | | | | | | | | | | | | | | | | |
| 09:00-09:30 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09:30-10:00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10:00-10:30 | | Break | | | | Break | | | | Break | | | | Break | | | | Break | | | | | | | |
| 10:30-11:00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11:00-11:30 | | Opening 802.1 plenary | | | | | | | | | | | | | | | | | | | | | | | |
| 11:30-12:00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12:00-12:30 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12:30-13:00 | | Lunch | | | | Lunch (Editors' Meeting) | | | | Lunch | | | | Lunch | | | | Lunch | | | | | | | |
| 13:00-13:30 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13:30-14:00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14:00-14:30 | | Trk 1: TSN | | | Trk 3: OR | Trk 4: SEC | | | | | | | | | | | | | | | | | | | |
| 14:30-15:00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15:00-15:30 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15:30-16:00 | | Break | | | | Break | | | | Break | | | | Break | | | | Break | | | | | | | |
| 16:00-16:30 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16:30-17:00 | | Trk 1: TSN | | | Trk 3: OR | Trk 4: SEC | | | | | | | | | | | | | | | | | | | |
| 17:00-17:30 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17:30-18:00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18:00-18:30 | TG | | | | | Break | | | | Break | | | | Break | | | | Break | | | | | | | |
| 18:30-19:00 | Chairs | YANGsters | | | | Joint 802.1 & 802.15 | | | | | | | | | | | | | | | | | | | |
| 19:00-19:30 | Mtg | | | | | | | | | | | | | | | | | | | | | | | | |
| 19:30-20:00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20:00-20:30 | | 802 NEND ICA | | | | 802 NEND ICA | | | | Social event | | | | | | | | | | | | | | | |
| 20:30-21:00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21:00-21:30 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21:30-22:00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22:00-22:30 | | | | | | | | | | | | | | | | | | | | | | | | | |
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KEY:
 TSN: Time Sensitive Netw'kg
 60802: IEC/IEEE 60802 JP
 MTN TG: Maintenance TG
 SEC: Security
 OR: OmniRAN

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 and finalization (NesCom, RevCom, Sponsor Ballot, SC6 – all with supporting information)
- Tuesday – 12:30pm – 802.1 management meeting – TG chairs + optionally editors
 - Agenda finalization for Thursday (including TG reports)
 - EC regular motion finalization (liaisons, other)
 - WG motions (calls, meetings, minutes, TG/WG ballots)
 - web strategy
 - PAR issues

YANGsters meetings

- YANG across IEEE 802
 - Communication, Coordination, Mentoring
 - Point of Contact/Center of Expertise for IEEE 802
- Monday agenda (6-7:30pm)
 - 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
- 802 Network Enhancements IC

Agenda – Security (1)

1. [P802.1Xck Port-Based Network Access Control - YANG Data model](#)
 - Request conditional permission to go to RevCom (Sponsor Ballot passed, one more recirculation required)
 - Monday 2.00 pm
2. [P802.1AE-Rev MAC Security](#)
 - Request permission to go to RevCom (Sponsor Ballot complete)
3. [P802E Privacy \(Recommended Practice ... for 802..\)](#)
 - Discussion
 - Tuesday 10.30 am (following Maintenance TG), 2.00 pm (possible delayed start to 3.30 pm to follow JTC1 SC6 SC), Wednesday 9.00 am, 2.00 pm

Agenda – Security (2)

4. JTC1 SC6 SC participation
 - Tuesday 1.30 pm (?)
5. A.O.B.
6. Future meetings/teleconferences

[Draft agenda online at <https://1.ieee802.org/security/security-task-group-agenda/>]

802.1 TSN TG Agenda

V2

IEEE 802 PLENARY SESSION
San Diego, California, USA
July 9-13, 2018

802.1 Time-Sensitive Networking (TSN) TG

| | SUN | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | | | |
|-------------|--------|---|--------------------------|---|--|---|--|---|--|
| 07:00-07:30 | | | | | | | | | |
| 07:30-08:00 | | | | | | | | | |
| 08:00-08:30 | | P802.1CS, P802.1DC | MTN | Whole TSN with IEC/IEEE 60802 JP | | Whole TSN with IEC/IEEE 60802 JP | | | |
| 08:30-09:00 | | | | | | | | Trk A: IEC/IEEE 60802 JP | Trk B: AX-Rev, liaisons, new work |
| 09:00-09:30 | | | | | | | | | |
| 09:30-10:00 | | | | | | | | | |
| 10:00-10:30 | | | | | | | | | |
| 10:30-11:00 | | Opening 802.1 plenary | P802.1Qcr | Trk A: 60802 JP | Trk B: PARs | Whole TSN with IEC/IEEE 60802 JP | | | |
| 11:00-11:30 | | | | | | | | | |
| 11:30-12:00 | | | | | | | | | |
| 12:00-12:30 | | | | | | | | | |
| 12:30-13:00 | | | | | | | | | |
| 13:00-13:30 | | Lunch | Lunch (Editors' meeting) | Lunch | Lunch | Lunch | | | |
| 13:30-14:00 | | liaisons, input to motions, P802.1Qcy, P802.1Qcr | P802.1Qcr | Trk A: IEC/IEEE 60802 JP | Trk B: Qcx: Qcw, Abcu, YNGstrs, Qcz | Whole TSN with IEC/IEEE 60802 JP | | | |
| 14:00-14:30 | | | | | | | | | |
| 14:30-15:00 | | | | | | | | | |
| 15:00-15:30 | | | | | | | | | |
| 15:30-16:00 | | | | | | | | | |
| 16:00-16:30 | | | | | | | | | |
| 16:30-17:00 | | | | | | | | | |
| 17:00-17:30 | | | | | | | | | |
| 17:30-18:00 | | | .1 TSN - .24 joint | | | | | | |
| 18:00-18:30 | TG | YANGsters | Break | Break | Break | | | | |
| 18:30-19:00 | Chairs | | | | | | | | |
| 19:00-19:30 | Mtg | | | 802.1 - 802.15 joint | | | | | |
| 19:30-20:00 | | 802 NEND ICA | 802 NEND ICA | Social event | | KEY: TSN: Time-Sensitive Networking IEC/IEEE 60802 JP MTN: Maintenance TG | | | |
| 20:00-20:30 | | | | | | | | | |
| 20:30-21:00 | | | | | | | | | |
| 21:00-21:30 | | | | | | | | | |
| 21:30-22:00 | | | | | | | | | |
| 22:00-22:30 | | | | | | | | | |

- Note that the TSN TG agenda is subject to change, e.g., depending on progress etc.

Agenda – OmniRAN

- Review of minutes
- Reports
- IC NEND related contributions review
- Comment resolution P802.1CF-D2.1
- P802.1CF related motions to EC
- Contributions to P802.1CQ
- Plan for P802.1CQ initial scope and going forward
- Conference calls until Sept 2018 F2F
- Status report to IEEE 802 WGs
- Next meeting
- AOB

Agenda – OmniRAN

| | Mon 7/09 | Tue 7/10 | Wed 7/11 | Thu 7/12 | Fri 7/13 |
|-------|--|--------------------------------|-------------------------------------|--------------------------|----------------|
| 08:00 | 802 EC Opening | 802.11 WNG | 802.11 ARC | | 802.11 Closing |
| 10:00 | | | | | |
| 10:30 | 802.1 Opening Plenary | | 802.11/802.15 Mid-week Plenaries | 1CF OmniRAN closing | |
| 12:30 | | | | | |
| 13:30 | | 1CQ | 1CQ/1CF | 802.1 Closing Plenary | 802 EC Closing |
| 15:30 | OmniRAN opening NEND related 1CF | | | | |
| 16:00 | 1CF | | | | |
| 18:00 | | | | | |
| | Tutorials | Joint 802.1/802.15 ICA NEND | | | |

Maintenance meeting

July 10th, 2018 Agenda

- Patents and Guidelines
- Attendees
- Status
- New Maintenance items
 - 0206: EAPOL address use alignment with 802.1AE, 802.1Q
 - 0207: MACsec Controlled Port use by PAE (nit)
 - 0208: Port Identifier alignment with 802.1AE
 - 0209: SCI definition alignment
- Existing Maintenance items
 - Open maintenance items that are not balloting
 - 802.1Q-2018-related items – review and close as necessary
- Comment resolution
 - 802.1AC-2016-Cor-1/D1.2
- Liaisons
 - None received
- SC6 comment resolution
 - None
- SC6 status

Nendica Meeting Plan, 9-10 July 2018

- IEEE 802 “Network Enhancements for the Next Decade” ICA
- Monday and Tuesday, 19:30-21:30, Seaport F
- Detailed agenda: <https://tinyurl.com/yaszjwqe>
- Main meeting topics:
 - Work Item: Lossless Network for Data Centers
 - Final pre-publication editorial review
 - Work Item: Flexible Factory IoT
 - Review new contributed draft from Editor
 - Background for possible new topics
 - IEEE Std 802.1CM-2018 (“Time-Sensitive Networking for Fronthaul”): Tutorial review, János Farkas
 - TIA Smart Buildings Program: review, Limor Schafman
 - Meeting Plans
 - August Teleconference
 - September meeting
 - November Data Center Workshop (IETF/802)

Any other business?