

# 802.1 – Activities & status

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# Areas of work

- 802 Architecture and interworking between 802 technologies
  - Cross-802 Architecture group
  - “Technical Plenary” if needed
  - Network Management Data Modelling - YANGsters
- Time Sensitive Networking (TSN) Task Group:
  - Bridges and Bridged Networks (802.1D, 802.1Q)
  - Discovery mechanisms
  - Link aggregation and protection
  - Time synchronization
  - Stream reservation and transmission support
  - Enhanced queuing and protection algorithms
  - Congestion management
  - TSN profiles for mobile fronthaul, industrial, automotive and service provider networking
- Security Task Group:
  - Secure frame transmission, Key management and Secure device identity
  - Port authentication
  - Privacy
- OmniRAN Task Group:
  - Network reference model, with SDN abstraction, for 802 access network
  - Local Address usage including protocols for local address acquisition
- 802 NENDICA:
  - IEEE 802 “Network Enhancements for the Next Decade” Industry Connections Activity

# Officers

- Chair: Glenn Parsons
- Vice Chair and Acting Chair: John Messenger
- Recording Secretary and Acting Vice Chair: Jessy Rouyer
- Maintenance TG Chair: Paul Congdon
- TSN TG Chair: János Farkas
- Security TG Chair: Mick Seaman
- OmniRAN TG Chair: Max Riegel
- NEND ICA: Roger Marks
- Maintenance of Email exploder: Hal Keen and Mark Hantel
- Maintenance of website: Paul Unbehagen
  - Website: <http://www.ieee802.org/1/>

# Sanity check – current workload

Project	Subject	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1CF	Access network (OmniRAN)	RevCom conditional	RevCom	D3.1	RevCom - Mar 20	Dec '20
802.1AS-REV	Time synch enhancements	Sponsor ballot	Sponsor Ballot	D8.0	Sponsor Ballot recirc	Dec '19
802.1Qcj	Auto Attach to PBB	TG Ballot	TG Ballot	D0.4	WG ballot	Dec '19
802.1Qcy	EVB VDP extension	RevCom	RevCom	D2.5	Approval - Mar 20	Dec '19
802E	Privacy	TG ballot	TG ballot	D1.3	WG 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	WG ballot	TG ballot	D0.5	WG Ballot initiation	Dec '20
802.1CS	LRP	WG ballot	WG ballot	D2.0	WG Ballot	Dec '21
802.1AX-REV	Link Aggregation	WG ballot	WG ballot	D1.0	WG Ballot	Dec '20
802.1ACct	support for 802.15.3	PAR approval	PAR Approved		Editor's draft	Dec '21
802.1ABcu	LLDP YANG	TG Ballot	TG Ballot	D0.6	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	WG Ballot	WG Ballot	D1.0	WG Ballot resolution	Dec '21
802.1Qcz	Congestion Isolation	PAR approval	PAR approved - Sep 27		TG ballot	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	D1.0	TG ballot	Dec '22
802.1DC	Queuing for non-bridges	TG Ballot	Editor's draft	D0.1	TG ballot	Dec '22
802.1X-REV	Port Access Control	WG ballot	Editor's draft	D1.0	WG ballot	Dec '22
802.1Qdd	Resource Allocation Protocol	PAR approval	PAR approved - Sep 27		TG ballot	Dec '22
802.1CMde	Enhancements for Fronthaul Interface	PAR approval	PAR approval - Jan 25		TG ballot	Dec '23
802.1DF	TSN Profile for Service Provider Networks	PAR approval	PAR approval - Jan 25		Editor's draft	Dec '23
802.1DG	TSN Profile for Automotive Networks	PAR approval	PAR approval - Jan 25		TG ballot	Dec '23

# 802.1 plenary schedule

V1	IEEE 802 PLENARY SESSION Vancouver, BC Canada March 10-15, 2019														
	802.1 tracks and times														
	SUN	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY	
07:00-07:30															
07:30-08:00															
08:00-08:30				EC	MTN TG			TSN & 60802	NEND ICA	ITU	TSN	60802		TSN & 60802	
08:30-09:00		TSN								SEC					
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			TSN			SEC	TSN	60802		SEC	TSN	60802	TSN & 60802
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		TSN		OR	SEC	TSN		OR	SEC	TSN	60802	OR	SEC	TSN & 60802	
14:00-14:30														Closing EC	
14:30-15:00		Closing 802.1 plenary													
15:00-15:30															
15:30-16:00		Break			Break			Break			Break				
16:00-16:30															
16:30-17:00		TSN			SEC	TSN			SEC	TSN	60802		SEC	Closing 802.1 plenary	
17:00-17:30															
17:30-18:00															
18:00-18:30	TG	Spectrum - Use it or Share it			Joint 802.24	YANGSTERS			Break			Break			
18:30-19:00	Chairs				Joint 802.1 & 802.15										
19:00-19:30	Mtg														
19:30-20:00															
20:00-20:30						802 NENDICA			Social event						
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

# 802.1 plenary agenda

## **Monday opening**

- [Call for Patents](#)
- Participation [guidelines](#)
- Membership status
- Future Meetings
- 802 reports
- Sanity check – current projects
- Incoming Liaisons
- TG agendas

## **Thursday closing**

- [Call for Patents](#)
- Membership status
- Future Meetings
- 802 reports
- TG reports
- Sanity check – current projects
- Outgoing Liaisons
- Motions for EC
- Motions for 802.1

# Next Interim meeting

- May 20-24, 2019:
  - Salt Lake City, Utah

- Details on Website:

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

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