

# 802.1 – Activities & status

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# Areas of work

- ❑ 802 Architecture and interworking between 802 technologies
  - Cross-802 Architecture group, including “Technical Plenary” if needed
- ❑ 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 industrial, automotive, aerospace and service providers
  - Local Address usage including protocols for local address acquisition
- ❑ Security Task Group:
  - Secure frame transmission, Key management and Secure device identity
  - Port authentication
  - Privacy
- ❑ Maintenance Task Group
  - Tracking issues reported with published standards
- ❑ YANGsters
  - Network Management Data Modelling
- ❑ 802 NENDICA
  - IEEE 802 “Network Enhancements for the Next Decade” Industry Connections Activity

# Officers & Leaders

## ❓ Officers

- Chair: Glenn Parsons
- Vice Chair: Jessy Rouyer
- Recording Secretary: Jessy Rouyer

## ❓ Leadership

- Executive Secretary: Stephan Kehrer
- Liaison Secretary: Karen Randall
- Security TG Chair: Mick Seaman
  - Security TG Vice Chair: Karen Randall
- TSN TG Chair: János Farkas
  - TSN TG Vice Chair : Craig Gunther
  - TSN TG Secretary: Marina Gutiérrez
  - IEC/IEEE 60802 Joint Project chair: Ludwig Winkel
  - IEC/IEEE 60802 Joint Project secretary: Josef Dorr
- Maintenance TG chair: Paul Congdon
- NEND ICA chair: Roger Marks
- YANGsters chair: Scott Mansfield
  - YANGsters Vice Chair: Stephan Kehrer
- Maintenance of Email exploder: Hal Keen & Mark Hantel
- Maintenance of website: Paul Unbehagen
- Website: <http://www.ieee802.org/1/>

# Sanity check – current workload

Project	Short Title	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1Qcj	Auto Attach to PBB	PAR extension	WG ballot	D1.2	WG ballot	Dec '21
802E	Privacy	RevCom	Published - Nov 13	D2.0		Dec '21
802.1CQ	Multicast and Local Address Protocol	PAR Extension	TG Ballot	D0.5	TG Ballot	Dec '22
802.1Qcr	Asynchronous Traffic Shaping	RevCom	Published - Nov 6	D2.3		Dec '20
802.1CS	LRP	RevCom	SA Ballot	D3.1	RevCom	Dec '21
802.1ACct	support for 802.15.3	TG Ballot	TG Ballot	D0.2	TG Ballot	Dec '21
802.1ABcu	LLDP YANG	WG Ballot	WG Ballot	D1.0	WG ballot	Dec '21
802.1CBcv	FRER YANG & MIB	WG Ballot	TG Ballot	D0.4	WG Ballot	Dec '22
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	WG ballot	WG ballot	D1.2	WG ballot	Dec '21
802.1Qcx	CFM YANG	RevCom	Published - Oct 5	D2.1		Dec '21
802.1Qcz	Congestion Isolation	SA Ballot	SA Ballot	D1.3	SA Ballot	Dec '22
60802 (DA)	Profile for Industrial Automation	TG Ballot	TG Ballot	D1.2	TG ballot	Dec '22
802.1CBdb	FRER (CBcv) extensions	WG Ballot	WG Ballot	D1.0	WG Ballot	Dec '22
802.1DC	QOS provision by network systems	WG Ballot	TG Ballot	D1.1	WG Ballot	Dec '22
802.1Qdd	Resource Allocation Protocol	TG Ballot	TG Ballot	D0.4	TG ballot	Dec '22
802.1CMde	Enhancements for Fronthaul Interface	RevCom	Published - Oct 9	D2.1		Dec '23
802.1DF	TSN Profile for Service Provider Networks	NesCom	PAR approved		TG ballot	Dec '23
802.1DG	TSN Profile for Automotive Networks	TG Ballot	TG Ballot	D1.2	TG ballot	Dec '23
802.1AE/cor1	MAC security corrigendum	RevCom	Published - July 21	D1.0		Dec '23
802.1ABdh	LLDPv2	TG ballot	Editor's Draft	D0.1	TG ballot	Dec '23
802.1Qdj	TSN Configuration Enhancements	TG ballot	Editor's draft	D0.0	TG ballot	Dec '23
802.1AEdk	Privacy enhancements for use with MACsec	TG Ballot	TG ballot	D0.5	TG ballot	Dec '23
802f	EtherType YANG	TG Ballot	Editor's draft	D0.1	TG Ballot	Dec '23
802.1ASdm	Hot standby	TG Ballot	PAR approved		Editor's draft	Dec '24
802.1Q-REV	Bridges and Bridged Networks	WG Ballot	WG Ballot	D0.2	SA Ballot	Dec '24
802.1ASdn	Time Synch YANG	NesCom	PAR approved		TG ballot	Dec '24
802.1DP	TSN Profile for Aerospace	PAR Development			NesCom	
802.1BA-rev	AVB Systems				NesCom	
802.1AE/cor1	Timing and Synchronization corrigendum				NesCom	
802.1Qdq	Tspec				PAR Development	

# 802.1 electronic meeting schedule

EDT Start	EDT End	Monday July 13	Tuesday July 14	Wednesday July 15	Thursday July 16	Friday July 17	PDT start	CEST start	JST start	Monday July 20
9:00	9:30	Opening plenary					6:00	15:00	22:00	Closing plenary meeting
9:30	10:00		TSN P802.1DG	TSN 60802	TSN 60802	Nendica	6:30	15:30	22:30	
10:00	10:30	TSN 60802					7:00	16:00	23:00	
10:30	11:00						7:30	16:30	23:30	
11:00	11:30						8:00	17:00	0:00	
11:30	12:00	TSN	TSN	Security	Security		8:30	17:30	0:30	
12:00	12:30						9:00	18:00	1:00	
12:30	13:00		TSN	TSN	TSN		9:30	18:30	1:30	
13:00	13:30						10:00	19:00	2:00	Chairs' meeting
13:30	14:00						10:30	19:30	2:30	
14:00	14:30								3:00	
14:30	15:00	TSN	Security		Security		802.1 orientation	11:00	20:00	
15:00	15:30		Maintenance			YANGsters		11:30	20:30	
15:30	16:00							12:00	21:00	
								12:30	21:30	4:30

# Next 802.1 electronic sessions

- January 18-21, 2021 Interim session
- March 2021 Plenary session
  - Dates to align with LMSC announcement
- Details on Website:  
<http://www.ieee802.org/1/meetings>