

# 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 fronthaul, industrial, automotive 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 and Leadership

- Chair: Glenn Parsons
- Vice Chair : John Messenger
- Recording Secretary: Jessy Rouyer
- Maintenance TG Chair: Paul Congdon
- TSN TG Chair: János Farkas
  - TSN TG Vice-Chair: Craig Gunther
  - TSN TG Secretary: Marina Gutiérrez
- Security TG Chair: Mick Seaman
  - Security TG Vice-Chair: Karen Randall
- YANGsters Chair: Scott Mansfield
  - YANGsters Vice-Chair and Secretary: Stephan Kehrer
- NENDICA Chair: Roger Marks
- Maintenance of Email exploder: Hal Keen and Mark Hantel
- Maintenance of website: Paul Unbehagen

# Sanity check – current workload

Project	Short Title	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1AS-REV	Time synch enhancements	RevCom	Approved	D8.3	Publication	Dec '19
802.1Qcj	Auto Attach to PBB	PAR extension	WG ballot	D1.2	WG ballot	Dec '21
802E	Privacy	SA Ballot	SA Ballot recirc	D2.0	RevCom	Dec '21
802.1CQ	Multicast and Local Address Protocol	PAR Extension	Editor's draft	D0.3	TG Ballot	Dec '22
802.1Qcr	Asynchronous Traffic Shaping	SA Ballot	SA Ballot approved	D2.3	RevCom	Dec '20
802.1CS	LRP	SA Ballot	SA Ballot	D3.0	SA Ballot	Dec '21
802.1ACct	support for 802.15.3	TG Ballot	PAR Approved		Editor's draft	Dec '21
802.1ABcu	LLDP YANG	WG Ballot	WG Ballot	D1.0	WG ballot	Dec '21
802.1CBcv	FRER YANG & MIB	TG Ballot	TG Ballot	D0.3	TG Ballot	Dec '22
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	WG ballot	WG ballot	D1.1	WG ballot	Dec '21
802.1Qcx	CFM YANG	RevCom	Approved	D2.1	Publication	Dec '21
802.1Qcz	Congestion Isolation	WG Ballot	WG Ballot recirc	D1.1	SA Ballot	Dec '22
802.1CBdb	FRER (CBcv) extensions	TG Ballot	TG Ballot	D0.6	WG ballot	Dec '22
60802 (DA)	Profile for Industrial Automation	TG Ballot	TG Ballot	D1.1	TG 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	D0.2	TG ballot	Dec '22
802.1CMde	Enhancements for Fronthaul Interface	RevCom	Approved	D2.1	Publication	Dec '23
	TSN Profile for Service Provider					
802.1DF	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	Approved	D1.0	Publication	Dec '23
802.1ABdh	LLDPv2	NesCom	PAR approved		TG ballot	Dec '23
802.1Qdj	TSN Configuration Enhancements	NesCom	PAR approved		TG ballot	Dec '23
	Privacy enhancements for use with					
802.1AEdk	MACsec	TG Ballot	Editor's draft		TG ballot	Dec '23
802f	EtherType YANG	NesCom	PAR approved		TG ballot	Dec '23
802.1ASdm	Hot standby	NesCom	PAR approved		TG ballot	Dec '24
802.1Q-REV	Bridges and Bridged Networks	NesCom	PAR approved		WG Ballot	Dec '24
802.1ASdn	Time Synch YANG	PAR Development	PAR Development		NesCom	

# 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	TSN P802.1DG	TSN 60802	TSN 60802	Nendica	6:00	15:00	22:00	Closing Plenary
9:30	10:00									
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	TSN		Security			8:00	17:00	0:00	
11:30	12:00				Security			8:30	17:30	0:30
12:00	12:30		TSN	TSN	TSN	TSN 60802	9:00	18:00	1:00	
12:30	13:00									9:30
13:00	13:30						10:00	19:00	2:00	
13:30	14:00	Security					10:30	19:30	2:30	
14:00	14:30			Maintenance		Security	YANGsters	11:00	20:00	3:00
14:30	15:00	TSN								11:30
15:00	15:30						12:00	21:00	4:00	
15:30	16:00						12:30	21:30	4:30	
16:00	16:30						13:00	22:00	5:00	
16:30	17:00						13:30	22:30	5:30	

# 802.1 plenary agenda

## **Monday, July 13<sup>th</sup> opening**

- [Copyright Policy](#)
- [Call for Patents](#)
- [Participant behavior](#)
- Administrative
- Membership status
- Future Meetings
- 802 EC report
- Elections process
- Sanity check – current projects
- TG agendas

## **Monday, July 20<sup>th</sup> closing**

- [Copyright Policy](#)
- [Call for Patents](#)
- [Participant behavior](#)
- Membership status
- WG Election
- Future Meetings
- Sanity check – current projects
- TG reports
- Outgoing Liaisons
- Review of Motions for EC
- Review of Motions for 802.1
- Motions (if any)

# Next Interim meeting

- September 21-25, 2020
  - Stuttgart, Germany *or virtual e-meeting*
- Details on Website:  
<http://www.ieee802.org/1>  
<http://www.ieee802.org/1/meetings>