

# 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
  - 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 & Recording Secretary : Jessy Rouyer
  - Executive Secretary: Stephan Kehrer
  - Liaison Secretary: Karen Randall
  - Maintenance of Email exploder: Hal Keen and Mark Hantel
  - Maintenance of website: Roger Marks, Mark Hantel and John Messenger
- TSN TG Chair: János Farkas
  - TSN TG Vice-Chair: Craig Gunther
  - TSN TG Secretary: Johannes Specht
  - IEC/IEEE 60802 Joint Project Chair: Ludwig Winkel
  - IEC/IEEE 60802 Joint Project Secretary: Josef Dorr
  - IEC/IEEE 60802 Joint Project System ad hoc chair: Mark Hantel
  - IEC/IEEE 60802 Joint Project Time Sync ad hoc chair: David McCall
  - IEEE P802.1DP/SAE AS6675 joint project co-Chairs: Abdul Jabbar & János Farkas
  - IEEE P802.1DP/SAE AS6675 joint project Secretary: Marina Gutiérrez
- Security TG Chair: Mick Seaman
  - Security TG Vice-Chair: Karen Randall
- Maintenance TG Chair: Mark Hantel
- YANGsters Chair: Scott Mansfield
  - YANGsters Vice-Chair and Secretary: Stephan Kehrer
- NENDICA Chair: Roger Marks



# Editors – current projects

- [802.1Q editor](#) – Mick Seaman
  - [P802.1Qcj](#) – Paul Bottorff
  - [P802.1Qcw](#) – Marina Gutierrez
  - [P802.1Qdd](#) – Feng Chen
  - [P802.1Qdj](#) – Stephan Kehrer
  - [P802.1Qdq](#) – Hiroki Nakano
  - [P802.1Qdt](#) – Lily Lyu
  - [P802.1Qdv](#) – Norman Finn
  - [P802.1Qdx](#) – Abdul Jabbar
  - [P802.1Qdy](#) – Martin Mittelberger
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  - [P802f](#) – Marc Holness
- 802.1AC editor – John Messenger
- 802.1AE editor - Mick Seaman
- 802.1AS editor – Geoffrey Garner
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- [P802.1DC](#) – Norman Finn
- [P802.1DF](#) – Tongtong Wang
- [P802.1DG](#) – Max Turner
- [P802.1DP / SAE AS6675](#) – Abdul Jabbar
- [P802.1 DU](#) – Johannes Specht
- [IEC/IEEE 60802](#) – Jordon Woods

# Sanity check – current workload

Project	Short Title	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1Qcj	Auto Attach to PBB	RevCom	Approved - Sept 21	D2.5	Publication	Dec '23
802.1CQ	Multicast and Local Address Protocol	PAR extension	TG Ballot	D0.8	TG Ballot	Dec '24
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	RevCom	Approved - Sept 21	D2.2	Publication	Dec '23
802.1Qcz	Congestion Isolation	RevCom	Published - Aug 4	D2.7		Dec '24
60802 (DA)	TSN Profile for Industrial Automation	PAR modification	WG Ballot	D2.1	WG Ballot	Dec '25
802.1DC	QOS provision by network systems	SA Ballot	SA Ballot	D3.0	SA Ballot	Dec '24
802.1Qdd	Resource Allocation Protocol	PAR extension	TG Ballot	D0.7	TG Ballot	Dec '25
802.1DF	TSN Profile for Service Provider Networks	TG ballot	TG ballot	D0.1	PAR expires	Dec '23
802.1DG	TSN Profile for Automotive Networks	PAR Extension	TG Ballot	D2.2	TG Ballot	Dec '25
802.1Qdj	TSN Configuration Enhancements	WG Ballot	WG Ballot	D1.1	SA ballot	Dec '25
802.1AEdk	MAC Privacy protection	RevCom	Published - Aug 18	D2.2		Dec '23
802f	EtherType YANG	RevCom	Approved - Sept 21	D2.1	Publication	Dec '23
802.1ASdm	Hot standby	PAR modification	WG Ballot	D1.3	WG Ballot recirc	Dec '24
802.1ASdn	Time Synch YANG	SA Ballot conditional	WG Ballot recirc	D1.2	SA Ballot	Dec '24
802.1DP	TSN Profile for Aerospace	TG Ballot	Editor's draft	D1.0	TG Ballot	Dec '24
802.1Qdq	Tspec	TG Ballot	PAR approved	D0.4	TG Ballot	Dec '25
802.1ASdr	Inclusive Language	SA Ballot	SA Ballot	D1.2	RevCom conditional	Dec '25
802.1ASds	Half-duplex support	TG Ballot	PAR approved		Editor's draft	Dec '26
802.1Qdt	PFC MACsec	PAR modification	TG Ballot	D0.2	TG Ballot	Dec '26
802.1DU	Cut-through forwarding	TG Ballot	TG Ballot	D0.2	TG Ballot	Dec '27
802.1Qdv	Cyclic Queueing and Forwarding	TG Ballot	Editor's draft	D0.3	TG Ballot	Dec '26
802-rev	O&A	WG Ballot	WG Ballot	D1.1	SA ballot conditional	Dec '26
802.1Qdw	Source Flow Control	Nescom	PAR approved		Editor's draft	Dec '26
802.1CS/cor1	LRP corrigendum	SA Ballot	SA Ballot	D2.0	RevCom conditional	Dec '26
802.1Qdx	YANG for CBS	WG Ballot	WG Ballot	D1.0	SA ballot conditional	Dec '27
802.1Q-2022 rev	Bridges and Bridged Networks	Nescom	PAR approved		WG Ballot	Dec '27
802.1AS-2020 rev	Timing and Synchronization	Nescom	PAR approved		WG Ballot	Dec '27
802.1Qdy	YANG for MSTP	WG ballot	Editor's draft	D0.1	WG ballot	Dec '27
8022.1AXdz	YANG for LAG	PAR Development	WG PAR review		NesCom	
8022.1ACea	802.15.16 convergence	PAR Development	WG PAR review		NesCom	

# 802.1 electronic meeting schedule

HST Start	HST End	Monday Nov 13	Tuesday Nov 14	Wednesday Nov 15	Thursday Nov 16	Friday Nov 17	ET Start	PT Start	CET start	JST start			
07:00	07:30						12:00	09:00	18:00	02:00			
07:30	08:00		TSN 60802				12:30	09:30	18:30	02:30			
08:00	08:30		Maintenance				13:00	10:00	19:00	03:00			
08:30	09:00	TSN		TSN	P802-REVc		13:30	10:30	19:30	03:30			
09:00	09:30						14:00	11:00	20:00	04:00			
09:30	10:00						14:30	11:30	20:30	04:30			
10:00	10:30						15:00	12:00	21:00	05:00			
10:30	11:00						15:30	12:30	21:30	05:30			
11:00	11:30	Opening Plenary	TSN P802.1DG				16:00	13:00	22:00	06:00			
11:30	12:00			TSN	TSN 60802	Security	16:30	13:30	22:30	06:30			
12:00	12:30						17:00	14:00	23:00	07:00			
12:30	13:00						17:30	14:30	23:30	07:30			
13:00	13:30						18:00	15:00	00:00	08:00			
13:30	14:00						18:30	15:30	00:30	08:30			
14:00	14:30	TSN	TSN P802.1DP	TSN 60802	TSN	TSN 60802	Security	Closing Plenary	TSN 60802	19:00	16:00	01:00	09:00
14:30	15:00						19:30		16:30	01:30	09:30		
15:00	15:30						20:00	17:00	02:00	10:00			
15:30	16:00						20:30	17:30	02:30	10:30			
16:00	16:30						21:00	18:00	03:00	11:00			
16:30	17:00	TSN	YANGsters	TSN	TSN 60802	Security	Closing Plenary	TSN 60802	21:30	18:30	03:30	11:30	
17:00	17:30								22:00	19:00	04:00	12:00	
17:30	18:00						22:30	19:30	04:30	12:30			
18:00	18:30		802.1/802.15 Joint				23:00	20:00	05:00	13:00			
18:30	19:00			Social Event			23:30	20:30	05:30	13:30			
19:00	19:30							00:00	21:00	06:00	14:00		
19:30	20:00							00:30	21:30	06:30	14:30		
20:00	20:30							01:00	22:00	07:00	15:00		
20:30	21:00							01:30	22:30	07:30	15:30		
21:00	21:30							02:00	23:00	08:00	16:00		

# 802.1 plenary agenda

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

- [Copyright Policy](#)
- [Call for Patents](#)
- [Participant behavior](#)
- Administrative
- Membership status
- Future Sessions
- 802 EC report
- Incoming Liaisons
- Promotion
- Awards
- Sanity check – current projects
- TG agendas
- Any other business

## **Thursday, November 17<sup>th</sup> closing**

- [Copyright Policy](#)
- [Call for Patents](#)
- [Participant behavior](#)
- Membership status
- Future Sessions
- Sanity check – current projects
- TG reports
- Outgoing Liaisons
- Motions for EC
- Motions for 802.1
- Any other business

# Next Interim Session

- January 22-26, 2024
  - Heidelberg, Germany
- Details on Website:
  - <http://www.ieee802.org/1>
  - <http://www.ieee802.org/1/meetings>