

# 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 aerospace
  - 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: David McCall
  - TSN TG Secretary: Johannes Specht
  - IEC/IEEE 60802 Joint Project Chair: Ludwig Winkel
  - IEC/IEEE 60802 Joint Project Secretary: Dieter Pröll
  - IEEE P802.1DP/SAE AS6675 joint project co-Chairs: Abdul Jabbar & János Farkas
  - IEEE P802.1DP/SAE AS6675 joint project Secretary: Nader Zein
- 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
  - NENDICA vice-chair: Johannes Specht



# Editors – current projects

- [802.1Q editor](#) – Mick Seaman
  - [P802.1Qdq](#) – Hiroki Nakano
  - [P802.1Qdt](#) – Lily Lyu
  - [P802.1Qdv](#) – Norman Finn
  - P802.1Qdw - vacant
  - [P802.1Qdx](#) – Abdul Jabbar
  - [P802.1Qdy](#) – Martin Mittelberger
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- 802.1AE editor - Mick Seaman
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- 802.1AB editor - vacant
- 802.1AX editor – Steve Haddock
  - [P802.1AXdz](#) – Steve Haddock
- 802.1CB - vacant
  - P802.1CB-2017/Cor1 - Christophe Mangin
- [P802.1CQ](#) – Roger Marks
- [P802.1DD](#) – Feng Chen
- [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
802.1CQ	Multicast and Local Address Protocol	PAR extension	TG Ballot	D0.8	PAR admin withdraw?	Dec '24
60802 (DA)	TSN Profile for Industrial Automation	SA ballot	SA ballot	D3.0	SA ballot recirc	Dec '25
802.1DC	QOS provision by network systems	RevCom Conditional	Published - Nov 1	D3.4		Dec '24
802.1Qdd	Resource Allocation Protocol	PAR withdrawal	Approved - Sept 27	D0.9		Dec '25
802.1DG	TSN Profile for Automotive Networks	SA ballot	SA ballot	D4.0	SA ballot recirc	Dec '25
802.1ASdm	Hot standby	RevCom Conditional	Published - Oct 4	D2.3		Dec '24
802.1ASdn	Time Synch YANG	RevCom Conditional	Published - Sept 30	D2.2		Dec '24
802.1DP	TSN Profile for Aerospace	PAR extension	WG ballot	D2.1	SA ballot conditional	Dec '26
802.1Qdq	Tspec	WG ballot	WG ballot	D1.0	WG ballot	Dec '25
802.1ASds	Half-duplex support	WG ballot	WG ballot	D1.0	WG ballot	Dec '26
802.1Qdt	PFC MACsec	TG Ballot	Editor's draft	D0.4	TG Ballot	Dec '26
802.1DU	Cut-through forwarding	TG Ballot	TG Ballot	D0.3	TG Ballot	Dec '27
802.1Qdv	Cyclic Queueing and Forwarding	TG Ballot	TG Ballot	D0.4	TG Ballot	Dec '26
802-rev	O&A	SA Ballot conditional	SA ballot	D2.2	RevCom	Dec '26
802.1Qdw	Source Flow Control	Nescom	PAR approved		Editor's draft	Dec '26
802.1Qdx	YANG for CBS	RevCom Conditional	Published - Aug 23	D2.1		Dec '27
802.1Q-2022 rev	Bridges and Bridged Networks	TG Ballot	Editor's draft	D1.4	TG Ballot	Dec '27
802.1AS-2020 rev	Timing and Synchronization	TG Ballot	Editor's draft		Editor's draft	Dec '27
802.1Qdy	YANG for MSTP	SA ballot	SA ballot	D2.1	RevCom conditional	Dec '27
802.1AXdz	YANG for LAG	TG Ballot	TG Ballot	D0.2	TG Ballot	Dec '28
802.1ACea	802.15.16 convergence	TG Ballot	Editor's draft	D1.2	TG Ballot	Dec '28
802.1CB/cor1	FRER corrigendum	TG Ballot	PAR approved		Editor's draft	Dec '28
802.1ASeb	Announce	TG Ballot	PAR approved		Editor's draft	Dec ' 28
802.1ASed	Fault tolerant timing	TG Ballot	TG Ballot	D1.0	TG Ballot	Dec ' 28
802.1DD	Resource Allocation Protocol	TG Ballot	PAR approved		Editor's draft	Dec ' 28
802.1AB-2016 rev	LLDP	NesCom	PAR approved		Editor's draft	Dec ' 28
802.1AC-2016 rev	MAC Service	NesCom	PAR approved		TG Ballot	Dec ' 28
802.1CBec	FRER configuration	PAR Development	draft PAR		NesCom	
802.1CB-2017 rev	FRER	PAR Development	draft PAR		NesCom	

# 802.1 electronic meeting schedule

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

# 802.1 plenary agenda

## **Monday, November 11<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 14<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 2025
  - TBD
- Details on Website:
  - <http://www.ieee802.org/1>
  - <http://www.ieee802.org/1/meetings>