

# 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 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

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- Chair: Glenn Parsons
- Vice-Chair & Recording Secretary : Jessy Rouyer
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- Liaison Secretary: Karen Randall
- Maintenance TG Chair: Paul Congdon
- Security TG Chair: Mick Seaman
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- TSN TG Chair: János Farkas
  - TSN TG Vice-Chair: Craig Gunther
  - TSN TG Secretary: Christian Boiger
  - IEC/IEEE 60802 Joint Project Chair: Ludwig Winkel
  - IEC/IEEE 60802 Joint Project Secretary: Josef Dorr
  - IEEE P802.1DP/SAE AS6675 joint project co-Chairs: Abdul Jabbar & János Farkas
  - IEEE P802.1DP/SAE AS6675 joint project Secretary: Marina Gutiérrez
- NENDICA Chair: Roger Marks
- YANGsters Chair: Scott Mansfield
  - YANGsters Vice-Chair and Secretary: Stephan Kehrer
- Maintenance of Email exploder: Hal Keen and Mark Hantel
- Maintenance of website: Roger Marks

# Editors – current projects

- [802.1Q chief editor](#) – Mick Seaman
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- [P802.1DG](#) – Max Turner
- [P802.1DP / SAE AS6675](#) – Abdul Jabbar
- [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	PAR extension	WG ballot	D1.3	WG ballot	Dec '23
802.1CQ	Multicast and Local Address Protocol	TG Ballot	TG Ballot	D0.7	TG Ballot	Dec '22
802.1ACct	support for 802.15.3	RevCom	Published - Dec 17	D2.0		Dec '21
802.1ABcu	LLDP YANG	RevCom	Approved - Dec 8	D2.3	Publication	Dec '21
802.1CBcv	FRER YANG & MIB	RevCom	Published - Feb 18	D2.1		Dec '22
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	PAR Extension	WG ballot	D1.3	WG ballot	Dec '23
802.1Qcz	Congestion Isolation	SA Ballot	SA Ballot	D2.1	SA Ballot	Dec '22
60802 (DA)	TSN Profile for Industrial Automation	TG Ballot	TG Ballot	D1.3	TG ballot	Dec '22
802.1CBdb	FRER (CBcv) extensions	RevCom	Approved - Dec 8	D2.1	Publication	Dec '22
802.1DC	QOS provision by network systems	WG Ballot	TG Ballot	D1.2	WG Ballot	Dec '22
802.1Qdd	Resource Allocation Protocol	TG Ballot	TG Ballot	D0.5	TG ballot	Dec '22
802.1DF	TSN Profile for Service Provider Networks	TG ballot	TG ballot	D0.1	TG ballot	Dec '23
802.1DG	TSN Profile for Automotive Networks	TG Ballot	TG Ballot	D1.3	TG ballot	Dec '23
802.1ABdh	LLDPv2	RevCom	Approved - Dec 8	D2.1	Publication	Dec '23
802.1Qdj	TSN Configuration Enhancements	TG ballot	TG ballot	D0.2	TG ballot	Dec '23
802.1AEdk	MAC Privacy protection	TG Ballot	TG ballot	D1.2	WG ballot	Dec '23
802f	EtherType YANG	WG Ballot	WG Ballot	D1.0	WG Ballot	Dec '23
802.1ASdm	Hot standby	TG Ballot	TG Ballot	D0.5	TG Ballot	Dec '24
802.1Q-REV	Bridges and Bridged Networks	SA Ballot	SA Ballot	D1.0	SA Ballot	Dec '24
802.1ASdn	Time Synch YANG	TG Ballot	PAR approved		Editor's draft	Dec '24
802.1DP	TSN Profile for Aerospace	TG Ballot	PAR approved		Editor's draft	Dec '24
802.1BA-rev	AVB Systems	RevCom	Published - Dec 12	D2.0		Dec '24
802.1AS/cor1	Timing and Synchronization corrigendum	RevCom	Approved - Dec 8	D4.0	Publication	Dec '24
802.1Qdq	Tspec	TG Ballot	PAR approved	D0.1	TG Ballot	Dec '25
802.1ASdr	Inclusive Language	TG Ballot	PAR approved		Editor's draft	Dec '25
802.1ASds	half-duplex support	PAR Approval	PAR approved		TG Ballot	Dec '26
802.1Qdt	PFC MACsec	PAR Development	PAR Development		NesCom	
802.1DU	Cut-through forwarding	PAR Development	PAR Development		PAR Development	
802.1Qdv	Cyclic Queueing and Forwarding	PAR Development	PAR Development		PAR Development	
802-rev	O&A	PAR Development	PAR Development		NesCom	
802.1Qdw	Source Flow Control				PAR Development	
802g	O&A rework				PAR Development	

# 802.1 electronic meeting schedule

Standard time											Daylight saving in the USA						
EST Start	EST End	Monday Mar 7	Tuesday Mar 8	Wednesday Mar 9	Thursday Mar 10	Friday Mar 11	PST Start	CET start	JST start	UTC Start	EDT Start	Monday Mar 14	Tuesday Mar 15	PDT Start	CET start	JST start	
09:00	09:30	Opening plenary	TSN P802.1DG	TSN	TSN 60802	TSN	06:00	15:00	23:00	13:00	09:00	TSN	TSN 60802	Closing plenary meeting	06:00	14:00	22:00
09:30	10:00									13:30	09:30				14:30		
10:00	10:30									14:00	10:30				14:30		
10:30	11:00									14:30	11:00				15:00		
11:00	11:30	Security	TSN P802.1DP / AS6675	TSN	TSN 60802	TSN	07:00	16:00	00:00	15:00	11:00	802.1 / 802.15 Joint	Closing plenary meeting	07:00	15:30	23:30	
11:30	12:00									15:30	11:30			15:30			
12:00	12:30									16:00	12:00			16:00			
12:30	13:00									16:30	12:30			16:30			
13:00	13:30	802.1 orientation	Maintenance	TSN	TSN P802.1DG	YANGsters	08:00	17:00	01:00	16:00	12:00	Maintenance	Closing plenary meeting	08:00	16:00	00:00	
13:30	13:30									16:30	13:00			16:30			
14:00	14:30									17:00	13:30			17:00			
14:30	15:00									17:30	14:00			17:30			
15:00	15:30	TSN	Maintenance	TSN	TSN P802.1DG	YANGsters	09:00	18:00	02:00	17:00	13:00	Maintenance	Closing plenary meeting	08:30	16:30	00:30	
15:30	16:00									17:30	13:30			17:30			
16:00	16:30									18:00	14:00			18:00			
										18:30	14:30			18:30			
							10:00	19:00	03:00	18:00	14:00			11:00	19:00	03:00	
							10:30	19:30	03:30	18:30	14:30			11:30	19:30	03:30	
							11:00	20:00	04:00	19:00	15:00			12:00	20:00	04:00	
							11:30	20:30	04:30	19:30	15:30			12:30	20:30	04:30	
							12:00	21:00	05:00	20:00	16:00			13:00	21:00	05:00	
							12:30	21:30	05:30	20:30							
							13:00	22:00	06:00	21:00							

# 802.1 plenary agenda

## **Monday, March 7<sup>th</sup> opening**

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

## **Tuesday, March 15<sup>th</sup> closing**

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

# Next Meeting and Session

- May 5, 2022
  - Technical plenary
  - Agenda items requested
- May 9-13, 2022
  - Electronic session
- July 2022 Plenary session
  - Dates to align with LMSC announcement
- Details on Website:  
<http://www.ieee802.org/1/meetings>