

802.1 – Activities & status

Glenn Parsons

Chair, IEEE 802.1 WG

glenn.parsons@ericsson.com

Jessy Rouyer

Vice-Chair, IEEE 802.1 WG

jessy.rouyer@nokia.com

March 10, 2025

ec-25-0038-00-LMSC

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: Dieter Pröll
 - IEC/IEEE 60802 Joint Project Secretary: vacant
 - 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-REVc](#) – James Gilb
- 802.1AC editor – Jessy Rouyer
 - P802.1ACea – Marco Hernandez
- 802.1AE editor – Mick Seaman
- 802.1AS editor – Silvana Rodrigues
 - [P802.1ASds](#) – Silvana Rodrigues
 - [P802.1ASeb](#) – David McCall
 - [P802.1ASed](#) – Abdul Jabbar
- 802.1AB editor – Paul Bottorff
- 802.1AX editor – Steve Haddock
 - [P802.1AXdz](#) – Steve Haddock
- 802.1CB – vacant
 - P802.1CB-2017/Cor1 - Christophe Mangin
 - P802.1CBec – vacant
- [P802.1CQ](#) – Roger Marks
- [P802.1DD](#) – Martin Mittelberger
- [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
60802 (DA)	TSN Profile for Industrial Automation	SA ballot	SA ballot	D3.1	RevCom conditional	Dec '25
802.1DG	TSN Profile for Automotive Networks	SA ballot	SA ballot recirc	D4.3	RevCom conditional	Dec '25
802.1DP	TSN Profile for Aerospace	SA ballot	SA ballot	D3.0	RevCom conditional	Dec '26
802.1Qdq	Tspec	WG ballot	WG ballot	D1.0	WG ballot recirc	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	Approved - Dec 11	D2.2	Publication	Dec '26
802.1Qdw	Source Flow Control	Nescom	PAR approved		Editor's draft	Dec '26
802.1Q-2022 rev	Bridges and Bridged Networks	TG Ballot	Editor's draft	D1.5	TG Ballot	Dec '27
802.1AS-2020 rev	Timing and Synchronization	WG ballot	TG Ballot	D1.0	PAR modification	Dec '27
802.1Qdy	YANG for MSTP	RevCom Conditional	Approved - Feb 12	D2.2	Published - Feb 25	Dec '27
802.1AXdz	YANG for LAG	WG ballot	WG ballot	D1.1	SA ballot conditional	Dec '28
802.1ACea	802.15.16 convergence	TG Ballot	Editor's draft	D1.3	WG Ballot	Dec '28
802.1CB/cor1	FRER corrigendum	TG Ballot	PAR approved	D0.1	TG Ballot	Dec '28
802.1ASeb	Announce	TG Ballot	PAR approved		Editor's draft	Dec ' 28
802.1ASed	Fault tolerant timing	WG ballot	WG ballot	D2.0	WG ballot recirc	Dec ' 28
802.1DD	Resource Allocation Protocol	TG Ballot	Editor's draft	D1.0	TG Ballot	Dec ' 28
802.1AB-2016 rev	LLDP	TG Ballot	PAR approved		Editor's draft	Dec ' 28
802.1AC-2016 rev	MAC Service	TG Ballot	PAR approved		Editor's draft	Dec ' 28
802.1CBec	FRER configuration	NesCom	draft PAR		TG Ballot	
802.1CB-2017 rev	FRER	NesCom	draft PAR		TG Ballot	

802.1 electronic meeting schedule

ET Start	ET End	Monday Mar 10	Tuesday Mar 11	Wednesday Mar 12		Thursday Mar 13		Friday Mar 14	PT Start	CET Start	JST start	
08:00	08:30	TSN incl. P802.1DG	Maintenance	TSN		Nendica	TSN	Maintenance	TSN	05:00	13:00	21:00
08:30	09:00									05:30	13:30	21:30
09:00	09:30									06:00	14:00	22:00
09:30	10:00									06:30	14:30	22:30
10:00	10:30									07:00	15:00	23:00
10:30	11:00	Opening Plenary	TSN 60802	TSN	TSN 60802	Security	TSN incl. P802.1DP	TSN 60802	TSN 60802	07:30	15:30	23:30
11:00	11:30									08:00	16:00	00:00
11:30	12:00									08:30	16:30	00:30
12:00	12:30									09:00	17:00	01:00
12:30	13:00								09:30	17:30	01:30	
13:00	13:30								10:00	18:00	02:00	
13:30	14:00	TSN	TSN P802.1DP	TSN incl. P802.1DG	TSN 60802	Security	Closing Plenary		10:30	18:30	02:30	
14:00	14:30								11:00	19:00	03:00	
14:30	15:00								11:30	19:30	03:30	
15:00	15:30								12:00	20:00	04:00	
15:30	16:00								12:30	20:30	04:30	
16:00	16:30	TSN	Maintenance	YANGsters	TSN	TSN 60802	Security	Closing Plenary	13:00	21:00	05:00	
16:30	17:00								13:30	21:30	05:30	
17:00	17:30								14:00	22:00	06:00	
17:30	18:00								14:30	22:30	06:30	
18:00	18:30								15:00	23:00	07:00	
18:30	19:00	IEEE 802 Tutorial [*] : Using Open Source in IEEE Standards	802.1/802.15 Joint (starts 18:15)	Social Event					15:30	23:30	07:30	
19:00	19:30		Editor's meeting					16:00	00:00	08:00		
19:30	20:00							16:30	00:30	08:30		
20:00	20:30							17:00	01:00	09:00		
20:30	21:00						17:30	01:30	09:30			
21:00	21:30	[*] Starts 18:15					18:00	02:00	10:00			

802.1 plenary agenda

Monday, March 10th 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, March 13th 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

- May 17-24, 2025
 - Rennes, France
- Details on Website:
 - <http://www.ieee802.org/1>
 - <http://www.ieee802.org/1/meetings>