

INCITS Fibre Channel (T11)

Technical Committee

February 2024 Report

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Technical Committee chair

INCITS Fibre Channel (T11)

March 7, 2024

T11-2024-00093-v000

Technical Committee

Plenary meeting summary

- The last meeting was on February 8, 2024, and was a hybrid meeting
 - The number of members are 22 voting, 5 advisory, and 5 Emeritus
 - 21 representatives of 22 organizations attended
 - 17 representatives from 9 organizations attended the meeting week in person
- Projects Status
 - FC-FS-6 is in executive board approval
 - FC-GS-9 was submitted for public review
- Project Proposals Approved
 - None
- Ballot Results
 - None
- IEC/ISO Status
 - See INCITS Computer Systems Interconnect (SC 25 / WG4 TAG) Status Report ([T11-2024-00055-v000](#))

Technical Committee

Plenary meeting actions

- T11/T11.2/T11.3 Related Motions/Actions
 - T11 [Fibre Channel](#)
 - T11.2 [Fibre Channel Physical Variants](#)
 - T11.3 [Fibre Channel Interconnection Schemes](#)
 - Request T11.3 accept T11-2024-00008-v001 as Letter ballot comment resolution and forward FC-GS-9 draft standard Rev. 12.08 contained in T11- 2024-00064-v000 to T11 for Public Review.
 - T11.3 Requests T11 to forward to INCITS for further processing
 - Request Chair to accept T11-2023-00040-v010 as RFC ballot comment resolution and forward FC-LS-5 draft standard Rev. 5.23 contained in T11- 2023-00373-v002 to INCITS to initiate a letter ballot.
 - T11.3 requests T11 to initiate a letter ballot.
- Approved meeting locations
 - [April 2024 meeting](#)
 - Approved for Savannah, GA
 - Dates for the [2023-2024 meetings](#)
 - Reference T11 an www.incits.org

T11.2 Task Group summary

- [INCITS Fibre Channel Physical Variants](#) ((T11-2024-00083-v000))
 - Membership 10 voting, 9 advisory, 6 emeritus
- Project status
 - FC-PI-9
 - 1) 200G/Lane electrical interface jitter parameters
 - 2) Specification of optical PHY type auto-negotiation (OAN)
 - 3) Benefit of Pre-Coder for Optical Links
 - 4) Further on Possibilities of the MLSE Proposal
 - 5) Intrapair Skew Considerations for 224Gbps/lane Electrical signaling
 - 6) Analysis of C2M updated Channels for 200Gbps
 - 7) TDECQ Reference Receiver Considerations
 - 8) 256GFC EML BW RIN Jrms Simulations
 - 9) 256GFC LSN
 - 10) Baseline Proposal for In-band training functions for 200 Gb/s per lane Electrical Interfaces
 - 11) COM 4.2 Update
 - 12) Reference receiver framework for 200G/lane electrical interfaces and PHYs
 - 13) 256GFC Training Joint T11.2/T11.3
- Joint
 - 256GFC FEC

T11.3 Task Group summary

- [INCITS Fibre Channel Interconnection Schemes \(T11-2024-00032-v000\)](#)
 - Membership 10 voting, 9 advisory, 6 emeritus
- Project status
 - FC-FS-7 – Obsolete Loop, Removed Slow-Wait state from Speed Negotiation, Removed Clock Sync support (primitives)
 - FC-GS-9 – Completed letter ballot and comment resolution. See motion.
 - FC-LS-5/6 – FC-LS-5: RFC comment resolution completed. FC-LS-6: Adding name attributes to the VEID server. Port Notifications.
 - FC-NVMe-3 – Addition of FTBC to FC-NVMe, Reviewed updated work item list.
 - FC-RDMA – FC-RDMA Draft Standard Development, Added clause describing Communication Management in detail.
 - FC-SP-3 – MD5 removal. Obsoleting AUTH methods FCPAP, FCEAP, Annex A compliance elements, SNIA FC Security Whitepaper review updates, Certificate Chains support, SA-AUTH interoperability profile(annex) supporting CNSA 1.0
 - FC-SW-8 – Draft standard rev 1.03. Review of RFC Ballot comments – 4 open comments remain
 - Profile Review – No meeting, decided to dissolve this EG.

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Meeting Information

- 2024 Meeting Dates

- Feb 5-9, 2024, Tampa, FL
- Apr 1-5, 2024, Savannah, GA
- Jun 3-7, 2024, Bozeman, MT
- Aug 5-9, 2024, tbd
- Oct 7-11, 2024, tbd
- Dec 2-6, 2024, Deerfield Beach, FL

- Next Meeting Week

- April 1 – April 5, Hybrid
- Savannah, GA (see www.incits.org)

- 2025 Meeting Dates

- Feb 3-7, 2025, tbd
- Mar 31-Apr 4, 2025, tbd
- Jun 9-13, 2025, tbd
- Aug 4-8, 2025, tbd
- Oct 6-10, 2025, tbd
- Dec 8-12, 2025, tbd

- 2026 Meeting Dates

- Feb 2-6, 2025, tbd
- Apr 13-17, 2025, tbd
- Jun 8-12, 2025, tbd
- Aug 3-7, 2025, tbd
- Oct 5-9, 2025, tbd
- Dec 7-11, 2025, tbd