

T11.2 and SFF Report to IEEE 802.3

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T11.2 Report

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- Membership is 42 organizations.
- FC-PI-2 was subject to a letter ballot for second public review because of substantive changes.
- Projects in development include 10GFC Addendum, FC-MSQS, FCSM-2, FC-PI-3, and FC-PI-4.
- Key activities include 8 Gb/s, resolution of FC-PI-2 ANSI editorial issues, EDC proposals, modeling tools.
- T11.2/T11.3 joint activities
 - A study group on unshielded twisted pair physical interfaces (FCBaseT) was initiated.
 - This project may need a new selector field from 802.3 for the Auto-Negotiation

Next T11 Meeting:

- August 8 through 12, 2005, in Ottawa, Ontario, Canada..
- <http://www.t11.org>

SFF

SFF-8431 SFP+ Transceiver

- Study group is developing a new SFP spec for at least 8.5 GBd data rates.
 - Mechanical group is working on thermal, mechanical outline and EMI control specifications. (Matthew.Yao@jdsu.com)
 - Electrical group is working on alternative architectures, jitter budgets and electrical signaling levels. (Eric.Borisch@jdsu.com)
- SFP Electrical and EMI Studies
 - 4.25 and 8.5 Gbps performance and emissions of SFPs for 1x1, 1x4 and 2x4 cages is feasible

Next meeting:

- August 9, in Ottawa, Ontario, Canada.
- <http://www.sffcommittee.org>