T11.2 and SFF Report to IEEE 802.3

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T11.2 Report

T11.2

- Membership is 43 organizations.
- FC-BaseT project proposal was forwarded and approved by INCITS: Project #: 1795-D.
- Projects in development include 10GFC Addendum, FC-MSQS, FCSM-2, FC-PI-3, and FC-PI-4.
- Key activities include: FC-BaseT, 8 Gb/s, EDC proposals, and modeling tools.

Next T11 Meeting:

- Dec. 5 through 9, 2005, in Garden Grove, CA.
- http://www.t11.org

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FC-BaseT & SFP

FC-BaseT

- FC-BaseT has to be compatible with the IEEE Auto-Negotiation procedure and T11 will be requesting a selector field by the end of this year.
- The goal is
  - 100m for 1GFC and 2GFC over CAT5e.
  - 50m for 4GFC over CAT6.
- Open questions
  - PAM 5 or PAM 10?
  - How to handle control characters?
  - How to handle arbitrated loops?

SFF-8431 SFP+ Transceiver

  - Continuing to evaluate the electrical and mechanical issues.

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