

T11.2 and SFF Report to IEEE 802.3

Schelto van Doorn

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T11.2 Report

T11.2

- Membership is 43 organizations.
- Projects in development include 10GFC Addendum, FC-MSQS, FCSM-2, FC-PI-3, FC-PI-4 and FC-BaseT.
- Key activities include: FC-BaseT, 8 GFC, SFP+, EDC proposals, and modeling tools.

Next T11 Meeting:

- Apr. 3 - 7, 2006, in Santa Fe, NM.
- <http://www.t11.org>

FC-BaseT & SFP

FC-BaseT

- T11 has formally requested an Auto-Negotiation Selector Field value for use by "INCITS T11" (for storage)
- First draft targeted for July. Proposed documents for inclusion:
 - FC-BaseT Outline
 - FC-BaseT Structure and Concepts
 - FC-BaseT PCS

Auto-Negotiation Selector Field value for use by "INCITS T11" (1/3)

Dear Mr. Grow,

As chair of the INCITS T11 Technical Committee, I would like to formally request that IEEE 802.3 allocate an Auto-Negotiation Selector Field value for use by "INCITS T11".

With the FC-BaseT project in development as a T11 standard, T11 is defining how to use the Category 6 and 5e cabling infrastructure to transport Fibre Channel. An Auto-Negotiation Selector Field value is needed to distinguish a Fibre Channel port from an IEEE 802.3 port if they are connected together. This would ensure that no damage occurred to either port and that proper operation of existing devices would continue.

Auto-Negotiation Selector Field value for use by "INCITS T11" (2/3)

Rather than an Auto-Negotiation Selector Field value for the specific FC-BaseT technology, we would like to request a value for "INCITS T11" and identify FC-BaseT with a bit in the Technology Ability field. INCITS T11 would maintain the registry of Technology Ability field values for other potential storage related technologies. In this manner a single assigned Selector Field value may be used to identify any other storage related technology that may be developed in the future, and ensures that no further assignments of Auto-Negotiation Selector Field values would have to be requested from IEEE 802.3.

Auto-Negotiation Selector Field value for use by “INCITS T11” (3/3)

INCITS T11 would like to proceed on this in a cooperative way and would greatly appreciate your assistance in this matter. Please advise Schelto van Doorn (our designated liaison to 802.3) of any requests you may have for additional information.

Sincerely,

Robert Snively (Chair INCITS T11 Fibre Channel committee)