

INCITS T11.2 Activities Report
Mike Dudek JDSU
Terry Cobb Systimax

IEEE 802.3 Plenary
Vancouver, Canada
Mar 12 2009

Present status of FC-PI4

- **FC-PI4 which includes 8G FC is in final INCITS editorial review. No technical changes have occurred since Rev 8.0 (May 2008)**

16G FC Key Decisions.

- **Choice of line rate**
 - **14.025GBaud with 64/66B coding has been chosen.**
- **A signaling back channel for adaptive Tx pre-emphasis in copper channels will be provided**

16G FC Reach/feasibility for optical systems.

- **A limiting system without re-timers appears not to be feasible for either multi-mode or single mode systems due to the jitter generated on the host boards leaving too little for the optical system at any distance.**
- **150m on OM3 appears feasible with either CDR's on both the Tx and Rx, or a CDR + EDC just on the Rx.**
- **10km on Single mode appears feasible with either just a CDR on the Rx, or with the CDR + EDC on the Rx which would allow relaxed Tx specs.**
- **Linear solutions without CDR's are still under investigation.**

Other Items of interest

- **The MSQS ad-hoc has restarted with the purpose to improve modeling and test procedure definition for Fibre Channel systems.**
- **The FC-PI3 ad-hoc has restarted to complete the work on the 10GFC electrical specification. This is based on XFI, but improvements (relaxations) have been suggested. Comment resolution on Rev 2.0 is complete. Revision 2.1 is expected shortly.**

Upcoming Meetings

- **February 2-6 2009 San Antonio, Tx**
- **March 30 – April 3 2009 Memphis, Tn**
- **June 1-5 2009 Coeur d'Alene Id.**

- **For additional information see**
 - <http://www.t11.org/index.html>