

10 Gbps Ethernet on 4X Twinax
Cabling
Call For Interest
(Report to 802.3)

IEEE 802
Kauai, Hawaii
November 9-14, 2002

Contributors

Organization and Planning

- **Dan Dove – hp ProCurve Networks (presenter)**

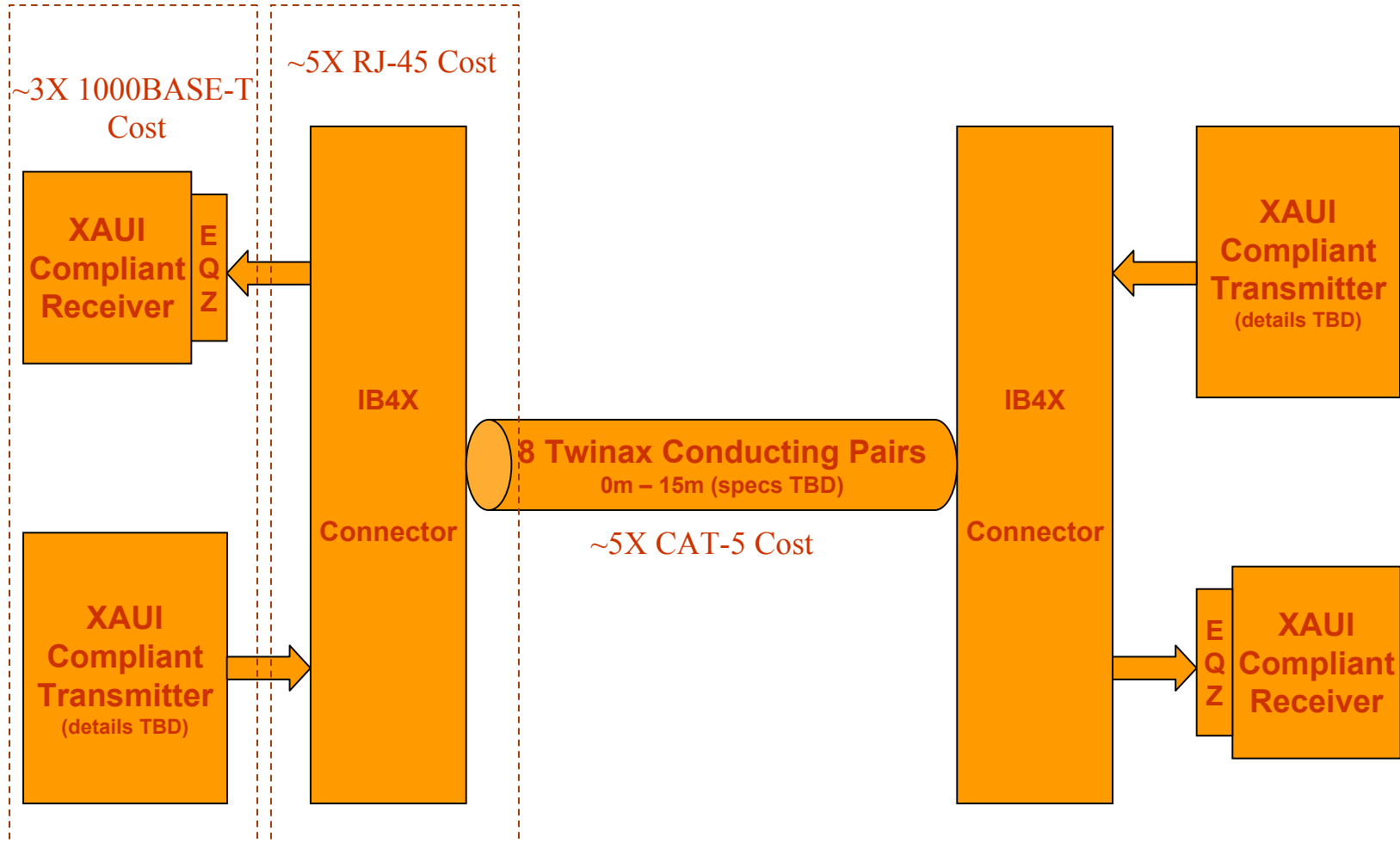
Market Requirements and Potential

- **Bruce Tolley – Cisco (presenter)**
- **David Law – 3Com**

Technical Feasibility

- **Kamal Dalmia – Marvell Semiconductor, Inc. (presenter)**
- **Michael Furlong – Broadcom**
- **Nariman Yousefi – Broadcom (presenter)**
- **Gary Oleynick - FCI**
- **Craig Theorin – W.L. Gore & Associates, Inc.**
- **Bob Thornton – Fujitsu**
- **Chris DiMinico – CDT Corporation (presenter)**

Basic Concept



IB4X refers to the InfiniBand 4X copper physical layer specified by the InfiniBand Trade Association

10GBASE-CX4 – Report to IEEE 802.3

Straw Poll

Individuals support formation of a 10GBASE-CX4 Study Group

Y__ 75 N__ 0 A__ 9

Companies support formation of a 10GBASE-CX4 Study Group

Y__ 38 N__ 0 A__ 2

802.3 voters support formation of a 10GBASE-CX4 Study Group

Y__ 44 N__ 0 A__ 1

Individuals will attend and contribute to a 10GBASE-CX4 Study Group

Y__ 34

Attend NoCaL Interim in Dec? 32

MOTION:

- Form a study group to develop a project proposal (PAR, 5 Criteria, and Objectives) for a study group for 10GBASE-CX4.
- Authorize an interim meeting to be located in the Sacramento, California region for the days of Dec 16th and 17th. Location TBD by 11/29/2002.
- Authorize an interim meeting to be co-located with 802.3 EFM in the Vancouver, BC region for the days of Jan 7th and 8th.

Moved: Dove Second: H Barrass

Y 74 N 0 A 4

TECHNICAL MOTION:

Assuming that consensus within the 10GBASE-CX4 SG has been achieved by the end of the Vancouver meeting; Authorize the WG Chair to pre-submit a PAR and 5 Criteria to the 802 SEC and to NESCOM for consideration at the March, 2003 meetings, with the understanding that these must be distributed to, reviewed and affirmed by 802.3 and 802 at the March Plenary meeting in order to stay on the NESCOM agenda.

MOVED: Dove SECOND: B Quackenbush

Y_61___

N__0__

A__12__

TECHNICAL MOTION:

Authorize 10GBASE-CX4 Study Group to distribute a working paper for review by 802.3 in anticipation of requesting a working group ballot at the March Plenary contingent upon approval of the PAR by the IEEE standards board.

MOVED: Dove SECOND: Pannell

Y__32__

N___8_

A___35_