Backplane Ethernet Call-For-Interest

Report to 802.3

IEEE 802.3 Working Group
Albuquerque, NM
November 13, 2003
Presentations

• Bob Grow; “Backplane Ethernet Call for Interest

• Ulf Jönsson, Ericsson; “A Telecom View on ‘Ethernet in the Back-plane’”

• Petre Popescu, Quake; “Backplane Ethernet Call for Interest”

• Presentations will be posted to 802.3 web site
Network is evolving

Pedestal → Rack → Blade
**What is Backplane Ethernet**

- Ethernet as a Fabric
- Use existing portions of the Ethernet standard to develop solutions for the Backplane market
- Not a chassis or connector specification
- Not a material or mechanical specification
- Primarily focus on the 802.3 Physical Layer
  - Electrical specification
  - Channel model specification
Call-For-Interest

- Should we request at this meeting to authorize the formation of a Study Group to develop a standards project proposal (PAR and 5 Criteria) for “Backplane Ethernet”?

Y: 93  N: 0  A: 63
Participation

• I would participate in the “Backplane Ethernet” Study Group in IEEE 802.3.

  Tally: 41

• My company would support participation in the “Backplane Ethernet” Study Group in IEEE 802.3

  Tally: 33
SG & TF Overlap

• Of those wanting to participate in Backplane Ethernet, how many are participating in EFM?

  Tally: 6

• Of those wanting to participate in Backplane Ethernet, how many are participating in 10GBASE-T?

  Tally: 11
Motion

• IEEE 802.3 authorizes the formation of a Study Group to develop a standards project proposal (PAR and 5 Criteria) for “Backplane Ethernet”.

Y: 41  N: 4  A: 19