P802.3ar Congestion Management Task Force
Closing Plenary Meeting Report

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World Wide Packets

San Francisco, California

Reflector and Web

- **List subscribers: 164 (as of 7/18)**

- **To subscribe to the Congestion Management TF reflector send an email to:**
  listserv@ieee.org

- **with the following in the body of the message:**
  subscribe stds-802-3-cm <first name> <last name>

- **Congestion Management TF web page URL:**
  http://www.ieee802.org/3/ar/

P802.3ar TF Objectives

1) **Specify a mechanism to limit the rate of transmitted data on an Ethernet link**

2) **Specify a mechanism to support the communication of congestion information**

3) **Minimize throughput reduction in non-congested flows**

4) **Preserve the MAC/PLS service interfaces**

Approved by IEEE 802.3 WG on 18-Nov-2004

Activity this week

- **Heard two proposals in support of adding class-based flow control as backup mechanism to be activated after Backward Congestion Notification**

- **Adopted rate control proposal (next slide)**

- **Took several straw polls**

- **Updated 802.1 on status; polled 802.1 on congestion management subjects**

July P802.3ar: Motion #1

- **Adopt changes to Clause 4, Annex 4A & Clause 30 described in barrass_1_0505.pdf as a baseline proposal for 802.3ar/D1.0. The changes to Clause 4 will be made after the changes to Annex 4A have been solidified in 802.3ar TF review.**

- *M: P. Thaler   S: M. Squire*
- *Y: 16 N: 1 A: 9 (31 room count)*
- *$\geq$ 75% Passes*

- *802.3: Y: 14 N: 1 A: 2 Passes*

P802.3ar Straw polls (1/2)

	Y	N
Do you support Paul Congdon's May 2005 802.1 proposal (*improving expedited forwarding*) as a component of congestion management?	**21**	**1**
Do you encourage 802.1 pursuing L2 congestion notification?	**20**	**1**
Do you encourage the work and continued evaluation of Davide Bergamasco's 802.1 BCN presentation as a component of congestion management?	**19**	**1**

802.1 Straw polls

	Y	N	A
Do you support P802.3ar TF objective #1? **Specify a mechanism to limit the rate of transmitted data on an Ethernet link**	31	2	
Do you encourage the work and continued evaluation of Paul Congdon's May 2005 802.1 presentation as a component of congestion management?	39	0	
Do you encourage the work and continued evaluation of Davide Bergamasco's 802.1 BCN presentation as a component of congestion management?	6	2	31

P802.3ar Straw polls (2/2)

	Y	N
Do you support the addition of class-based flow control as a complementary mechanism to L2 congestion notification?	21	1
Do you recommend 802.1 consider the addition of class-based flow control as a complementary mechanism to L2 congestion notification?	20	1

Future P802.3ar meetings

- **P802.3ar Chair has encouraged collaboration and participation with 802.1 in lieu of a September interim meeting**
  - **18 indicated strong interest in attending 802.1 (possibly week of 9/26 on West Coast)**
- **IEEE 802 Plenary**
  - **November 13-18, Vancouver, British Columbia**

Thank you!