10GBASE-LRM
OPENING REPORT TO IEEE 802.3

19th - 21st July 2005

Outline

- **IEEE802.3aq Officers**

- **Reflector and Web details**

- **10GBASE-LRM Objectives**

- **Interim meetings**

- **Working Group and Confirmation Ballot Results**

- **Project schedule**

- **Goals for this meeting**

- **Plan for this week**

IEEE 802.3aq Officers

- **Task Force Chair: David Cunningham**
- **Editor: Nick Weiner**
- **Web Master: Piers Dawe**

- **TP2 weekly call leader: Tom Lindsay**
- **TP3 weekly call leader: Jim McVey**

- **Channel Ad hoc Chair: Ian White**
  - **Task 1 (OM1, OM2, OM3 & connectors) leader: Richard Penty**
  - **Task 2 (Time variation of channel & MN): Jonathan King**
  - **Task 3 (Input-output parameters) leader: Lars Thon**
  - **Task 4 (Launch & Mode Filtering) leader: Yu Sun**
  - **Task 5 (Validation) leader: Nick Weiner**

REFLECTOR AND WEB

There is a reflector set up

To subscribe, use this URL:

- **http://ieee802.org/3/aq/reflector.html**

To subscribe via e-mail send this message

- **stds-802-3-10gmmf <yourfirstname> <yourlastname> to ListServ@ieee.org**

The IEEE 802 web page URL:
http://ieee802.org/3

10GBASE-LRM web page URL:

- **http://ieee802.org/3/aq**

DRAFT D0.2

Draft D1.1 is on the private area of the 10GBASE-LRM web page:

User name: **802.3aq**
Password: **XXXXXXXX**

OBJECTIVES

- **Use the existing 10GBASE-R PCS**
- **Support a BER of better than or equal to 10^{-12}**
- **Support fiber media selected from IEC 60793-2-10: 2003**

- 62.5µm
  - 160/500 MHz-km (A1b, 60793-2-10:2003)
  - 200/500 MHz-km (A1b, 60793-2-10:2003)
- 50µm
  - 500/500 MHz-km (A1a.1, 60793-2-10:2003)
  - 400/400 MHz-km (A1a.1, 60793-2-10:2003)
  - 1500/500 MHz-km (A1a.2, 60793-2-10:2003)

- **Provide a Physical Layer specification which supports link distances of:**

  - at least 220m on installed 500MHz.km multimode fiber
  - at least 300m on selected multimode fiber

Recent Meeting Dates & Places

- **D2.0 Comment resolution:** Austin 17th - 19th May
  Chaired by Jim McVey
  THANK YOU JIM!

- **D2.0 Comment resolution:** London 14th –16th June

- **D2.1 Recirculation: 27th June – 12th July**

- **D2.1 Comment Resolution:**
  San Francisco 19th - 21st July.

Working Group and Confirmation Ballot Results

	D2.0 Final	D2.1 Initial
Voters	206	206
Approve	72	86
Disapprove	22	22
Abstain	9	4
Returns	103	112
Comments T	85	25
Comments TR	107	44
Comments E	209	64
Comments ER	57	5
Comments	458	138
RespRate	**50.00%**	**54.37%**
AppRate	**76.60%**	**79.63%**
AbsRate	**8.74%**	**3.57%**

Thank you for voting and submitting comments.

GOALS FOR THIS MEETING

- **The purpose of the meeting is comment resolution on Draft P802.3aq/D2.1.**

- **Big Ticket Issues are as follows:**

  - Transmitter Waveform & Dispersion Penalty
  - ISI stressor values for receiver tests
  - Range for OM2 fiber and associated models or experimental verification.

- **Expect technical changes in these areas, further re-circulations required.**

- **I will bring a new project timeline to IEEE802.3 closing Plenary.**

10GBASE-LRM				
uesday 19 July 2005				
Presenter	**Topic**	**Length**	**Start**	**Finish**
Chair	**Opening Session**	00:40:00	08:00	08:40
	Welcome and Introduction			
	Appoint Recording Secretary			
	Goals for the Meeting			
	Reflector and Web			
	Ground Rules			
	Project Status and Timeline			
	Approve Minutes			
	Reports			
Nick Weiner	**Editors Report**	00:20:00	8:40 AM	9:00 AM
Tom Lindsay	**TP2 Conference Call Summary**	00:20:00	9:00 AM	9:20 AM
	General			
Michael Steb et	**TP2 Encircled Flux Measurement Results.**	00:20:00	9:20 AM	9:40 AM
	Break	00:20:00	9:40 AM	10:00 AM
Ernie Bergmann	**RE: Placement of Noise Source After Filtering.**	00:20:00	10:00 AM	10:20 AM
John Abbott	**LRM OM2 Monte Carlo modeling set 50um Beta 2.2 set for review/discussion.**	00:20:00	10:20 AM	10:40 AM
Nick Weiner	**Comment Review**	01:05:00	10:40 AM	11:45 AM
	Lunch	01:30:00	11:45 AM	1:15 PM
Nick Weiner	**Comment Review**	01:30:00	1:15 PM	2:45 PM
	Break	00:30:00	2:45 PM	3:15 PM
Nick Weiner	**Comment Review**	02:30:00	3:15 PM	5:45 PM
10GBASE-LRM				
nesday 20 May 2005				
Presenter	**Topic**	**Length**	**Start**	**Finish**
Nick Weiner	**Comment Review**	02:00:00	08:00	10:00 AM
	Break	00:20:00	10:00 AM	10:20 AM
Nick Weiner	**Comment Review**	01:40:00	10:20 AM	12:00 PM
	Lunch	01:30:00	12:00 PM	1:30 PM
Nick Weiner	**Comment Review**	01:30:00	1:30 PM	3:00 PM
	Break	00:30:00	3:00 PM	3:30 PM
Nick Weiner	**Comment Review**	02:30:00	3:30 PM	6:00 PM
10GBASE-LRM				
rsday 19 May 2005				
Presenter	**Topic**	**Length**	**Start**	**Finish**
Nick Weiner	**Comment Review**	02:00:00	08:00	10:00 AM
	Break	00:20:00	10:00 AM	10:20 AM
Chair	**Closing Session**	01:30:00	10:20 AM	11:50 AM
	Meeting Adjourned			11:50 AM