

**10GBASE-LRM MEETING
OPENING REPORT TO IEEE 802.3**

15 NOVEMBER 2004

Task Force Chair: David Cunningham

10GBASE-LRM NOVEMBER 2004

- **Reflector and Web details**
- **10GBASE-LRM Objectives**
- **Project schedule**
- **Goals for this meeting**
- **Plan for this week**

REFLECTOR AND WEB

There is a reflector set up

To subscribe, use this URL:

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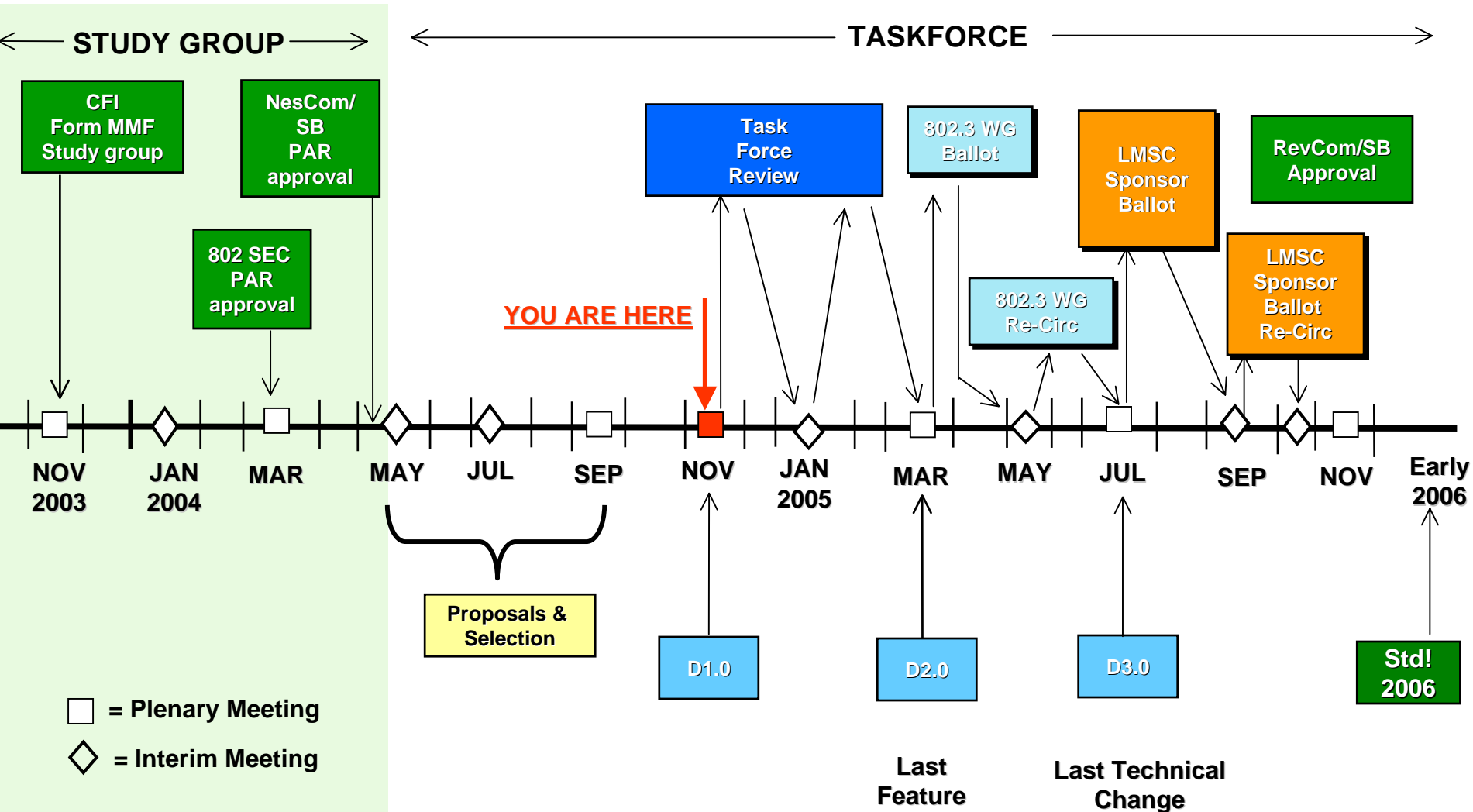
10GMMF Study Group web page URL:

- <http://grouper.ieee.org/groups/802/3/aq/index.html>

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**
- 62.5 μ m
 - 160/500 MHz-km (A1b, 60793-2-10:2003)
 - 200/500 MHz-km (A1b, 60793-2-10:2003)
- 50 μ m
 - 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

10GBASE-LRM TIMELINE



GOALS FOR THE MEETING

- **To review the draft D0.2 and associated comments.**
- **To consider contributions proposing corrections or additions to the draft.**
- **To adopt the baseline draft with amendments agreed during the interim meeting.**
- **To direct the editor to prepare a draft D1.0 for a 30 day task force ballot.**

Proposed Agenda – 10GBASE-LRM

Tuesday 16 November 2004

Presenter	Topic	Length (Minutes)	Start	Finish
David Cunningham	Opening Session	00:30:00	08:00	08:30
	Welcome and Introduction			
	Appoint Recording Secretary			
	Goals for the Meeting			
	Reflector and Web			
	Ground Rules			
	Review of Draft Project Timeline (not to be voted upon during 25 May)			
	Approve Minutes			
	Channel Ad Hoc Reports			
Jonathan King	Report from Task 2 Group	00:15:00	8:30 AM	8:45 AM
Jonathan King	Experiments on Time Variation Due to Polarization and MMF Shaking and Initial Results	00:15:00	8:45 AM	9:00 AM
Ketan M Patel	Detailed Study on Impulse Response Fluctuation Induced by Polarization Variation	00:15:00	9:00 AM	9:15 AM
Petar Pepeljgoski	Improvements to Modal Noise Penalty Calculations	00:30:00	9:15 AM	9:45 AM
Yu Sun	Report from Task 4 Group	00:15:00	9:45 AM	10:00 AM
Joerg-R Kropp	Variation in Multimode Fiber Response Summary of Experimental Results	00:15:00	10:00 AM	10:15 AM
	Break	00:15:00	10:15 AM	10:30 AM
David Cunningham	Observed Variation of Received Waveforms in Multimode Fibre:....	00:15:00	10:30 AM	10:45 AM
	Other Reports			
Tom Lindsay	Report of TP2 Con-Calls	00:15:00	10:45 AM	11:00 AM
Tom Lindsay	Relationship between TP2 and TP3 Tests and Budget (update)	00:30:00	11:00 AM	11:30 AM
Piers Dawe	Signal Metrics for 10GBASE-LRM	00:30:00	11:30 AM	12:00 PM
Tom Lindsay	Preliminary TP2 Waveform Study Results	00:30:00	12:00 PM	12:30 PM
	Lunch	01:15:00	12:30 PM	1:45 PM
Greg Lecheminant	Test Metrics for TP2	00:15:00	1:45 PM	2:00 PM
Jan Peeters Weem	Alternative Proposal to TP2 testing	00:30:00	2:00 PM	2:30 PM
Mike Lawton	Report of TP3 Con-Calls	00:15:00	2:30 PM	2:45 PM
	Break	00:15:00	2:45 PM	3:00 PM
	General			
Prof Ralph	Fiber Modeling Resolution and Assumptions Analysis, Data and Recommendations	00:30:00	3:00 PM	3:30 PM
John Abbott	Monte Carlo Update: PIE Metric Results, Further Benchmarking to Fiber Data	00:30:00	3:30 PM	4:00 PM
		00:15:00	4:00 PM	4:15 PM
Yu Sun	Updated Results of PIE Metrics Calculations	00:15:00	4:15 PM	4:30 PM
John Ewen	108-Fiber and Gen54YY Delay Sets: Comparison with Spreadsheet Model	00:15:00	4:30 PM	4:45 PM
	Break	00:15:00	4:45 PM	5:00 PM
John Ewen	PIE Metric Comparison: 108-Fiber and Gen54YY Delay Sets	00:15:00	5:00 PM	5:15 PM
Paul Kolesar	10GBASE-LRM Specification Philosophy	00:15:00	5:15 PM	5:30 PM

Proposed Agenda – 10GBASE-LRM

Wednesday 17 November 2004				
Presenter	Topic	Length (Minutes)	Start	Finish
	Comment Review		8:00 AM	6:00 PM
Thursday 18 November 2004				
Presenter	Topic	Length (Minutes)	Start	Finish
	Closing Plenary and Voting		8:30 AM	12:30 PM
	Meeting Adjourned			