WELCOME TO THE CLOSING SESSION OF 10GBASE-LRM

24 – 26 JANUARY 2005

Task Force Chair: David Cunningham

Agenda

- Opening remarks, 10GBASE-LRM officers, ground rules etc.,

- 10GBASE-LRM Timeline

- Reminder of goals for this meeting

- Motions

- Adjourn: Target 1500 hrs

MOBILE PHONES

PLEASE SWITCH OFF YOUR MOBILE PHONES

THANK YOU

IEEE 802.3 aq Officers

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

- 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

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

GROUND RULES

802.3 TF Rules apply – Foundation based upon Robert's rules of order

- **Anyone in the room may speak**

- **Anyone in the room may vote**

- **Respect – give it, get it**

- **No product pitches**

- **No corporate pitches**

- **No prices – this includes costs, ASPs, etc. no matter what the Currency**

- **No restrictive notices**

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

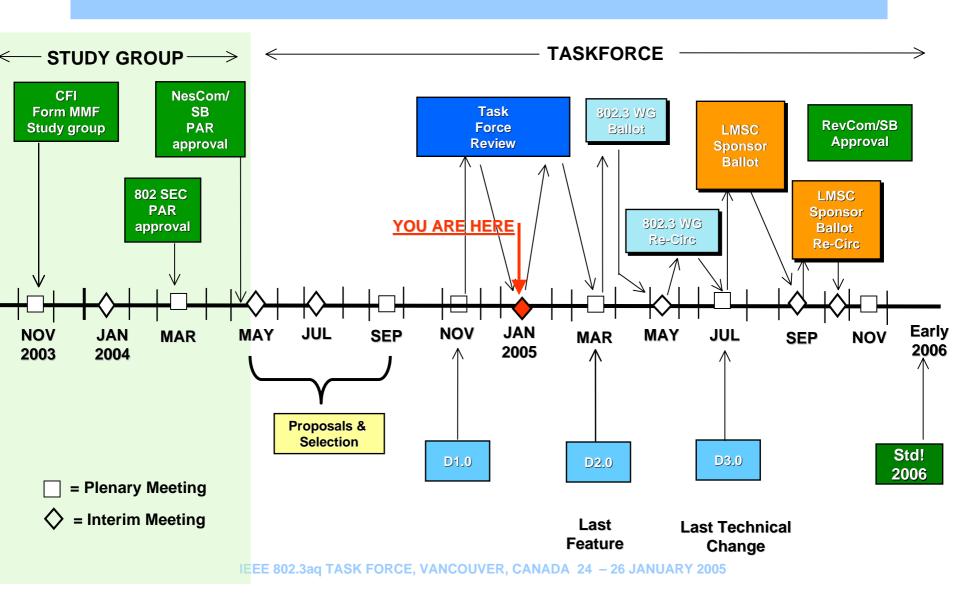- **stds-802-3-10gmmf <yourfirstname> <yourlastname> to ListServ@ieee.org**

The IEEE 802 web page URL:

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

10GBASE-LRM web page URL:

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

10GBASE-LRM TIMELINE

STUDY GROUP

TASKFORCE

CFI
Form MMF
Study group

NesCom/
SB
PAR
approval

802 SEC
PAR
approval

Task
Force
Review

802.3 WG
Ballot

LMSC
Sponsor
Ballot

RevCom/SB
Approval

802.3 WG
Re-Circ

LMSC
Sponsor
Ballot
Re-Circ

YOU ARE HERE

NOV
2003

JAN
2004

MAR

MAY

JUL

SEP

NOV

JAN
2005

MAR

MAY

JUL

SEP

NOV

Early
2006

Proposals &
Selection

D1.0

D2.0

D3.0

Std!
2006

Last
Feature

Last Technical
Change

☐ = Plenary Meeting

◇ = Interim Meeting

GOALS FOR THE MEETING

- **To review the draft D1.0 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 D1.1 for a 30 day task force ballot.**

- **In preparation for requesting WG group ballot of D1.2, direct editor to send D1.1 to IEEE 802.3 WG for preview a minimum of 30 days before the March 05 Plenary meeting.**

Agenda – 10GBASE-LRM

10GBASE-LRM				
Monday 24 January 2005				
Presenter	Topic	Length (Minutes)	Start	Finish
David Cunningham	Opening Session	00:30:00	09:00	09:30
	Welcome and Introduction			
	Appoint Recording Secretary			
	Goals for the Meeting			
	Reflector and Web			
	Review of Draft Project Timeline (not to be voted upon during 25 May)			
	Approve Minutes			
	Editors report			
	Channel Ad Hoc Reports			
Richard Penty	Task 1 Overview	00:20:00	9:30 AM	9:50 AM
Jonathan King	Launch Study Summary	00:20:00	9:50 AM	10:10 AM
	Break	00:15:00	10:10 AM	10:25 AM
	Other Reports			
Tom Lindsay	Report from TP2 Calls	00:10:00	10:25 AM	10:35 AM
Jim McVey	Report from TP3 Conference Calls	00:20:00	10:35 AM	10:55 AM
	Presentations			
Yu Sun	Connectors: PIE-D Statistics Comparison Between A	00:15:00	10:55 AM	11:10 AM
John Abbott	Fiber: FDDI Channel Modeling: OM1 & OM2 Distribut	00:15:00	11:10 AM	11:25 AM
Stephen Ralph	Fiber: PIE-D Analysis of 1998 FDDI Fibers	00:30:00	11:25 AM	11:55 AM
Jim Morris	Launch: Comparison of Vortex Launch	00:20:00	11:55 AM	12:15 PM
David Cunningham	Launch: Variation of PIE-D in Multimode Fibre	00:20:00	12:15 PM	12:35 PM
	Lunch	01:15:00	12:35 PM	1:50 PM
Yu Sun	Connectors: PIE-D Statistics Comparison Between A	00:15:00	2:10 PM	2:25 PM
John Ewen	Launch: PIE Metric Simulations vs. Launch Condition	00:15:00	2:25 PM	2:40 PM
Jonathan King	Launch: Draft Launch Recommendations Options for	00:20:00	2:40 PM	3:00 PM
	Break	00:15:00	3:00 PM	3:15 PM
Lew Aronson	Proposed New Function: Transmitter Preemphasis f	00:30:00	3:15 PM	3:45 PM
	Start Comment Review	02:35:00	3:45 PM	6:20 PM

Tuesday 25 January 2005				
Presenter	TP2 & 3 Presentations	Length (Minutes)	Start	Finish
Tom Lindsay	TP2: MATLAB code for TWDP - comment #109	00:20:00	8:00 AM	8:20 AM
Sudeep Bhoja	TP3: Stress Test - IPR Selection	00:20:00	8:20 AM	8:40 AM
Petre Popescu	TP3: Stressed Receiver Test Signal Generation	00:40:00	8:40 AM	9:20 AM
	Comment Review		9:20AM	6:00 PM
Wednesday 26 January 2005				
Presenter	Topic	Length (Minutes)	Start	Finish
	Possible Comment Review		8:30 AM	
	Closing Plenary and Voting		1:00 PM	
	Meeting Adjourned			3:00 PM

Channel Modelling Ad Hoc

Summary of Task 1 Motions

Motion 1: confirm 108 Fiber set and Gen67YY Monte Carlo sets as baseline distributions for 62.5um FDDI modeling

Motion 2: confirm OM3 Monte Carlo set as baseline distribution for OM3 modeling

Motion 3: confirm connector transfer matrices for channel modeling with connectors

WWW link:
http://www.ieee802.org/3/aq/public/tools/index.html

Channel Modelling Ad Hoc: Task 1 Motion 1

"Confirm adoption of 108 fiber set with 9 kink positions as presented in penty_1_0904 and adopt the MC67 Monte Carlo fiber set as presented in abbott_1_1104 as baseline distributions for 62.5µm FDDI-grade fiber models for 10GBASE-LRM specifications."

Can be found on Tools Page:
http://www.ieee802.org/3/aq/public/tools/index.html

Proposer: John Abbott

Second: Petar P

Vote: Y: 26   N: 0   A: 3

Passes

Channel Modelling Ad Hoc: Task 1 Motion 2

"Confirm adoption of OM3 Monte Carlo set as presented in ewen_1_0904.pdf as baseline distribution for OM3-grade fiber models for 10GBASE-LRM specifications."

Can be found on Tools Page:
http://www.ieee802.org/3/aq/public/tools/index.html

Proposer: Petar P

Second: John Abbott

Vote: Y: 27   N: 0   A: 2

Passes

Channel Modelling Ad Hoc: Task 1 Motion 3

"Confirm adoption of the connector transfer matrices as presented in pepeljugoski_1_0104.pdf, ewen_1_09_04.pdf and ewen_2_1104.pdf as baseline connector models for 50um and 62.5um fiber links using connectors for the development of 10GBASE-LRM specifications.“

Can be found on Tools Page:
http://www.ieee802.org/3/aq/public/tools/index.html

Proposer: J Ewen	
Second: Petar P	
Vote: Y: 24 N: 0 A:2	
Passes	

Connector Transfer Matrix (CTM) for FDDI Grade

- Methodology based on Petar Pepeljugoski's approach for OM3 (already distributed)

- Connector transfer matrices generated by John Ewen and Petar Pepeljugoski

- Allows generation of simulation sets for connectors

- Ewen/Pepeljugoski CTM checked against independently generated Cunningham approach

- Good agreement, even without using exactly the same parameters, indicates calculations not extremely sensitive to these choices

- CTMs available as Matlab and Excel formats

- Motion to this meeting

Motion Technical 4

- 10GBASE-LRM accepts changes and edits to D1.0 per comment review and motions at this meeting.

- 10GBASE-LRM directs the editor to create draft D1.1.

- The editor is given permission to address the comments that were agreed to be editorial.

Moved: Jim McVey

Seconded: John Jaeger

TF: Y: 29   N: 0   Ab: 0

Passes

Motion Technical 5

- By the 10th of Feb, which is at least 30 days before the March Plenary the Chair/Editor to post D1.1 for preview by IEEE 802.3 in anticipation of requesting Working Group ballot of D1.2(D2.0).

- D1.1 to be sent for 15 day TF review: TF comment deadline 25th Feb.

Moved: Sudeep Bhoja

Seconded: Tom Lindsay

TF: Y: 27   N: 0   Ab:0

Passes