

**WELCOME TO THE
OPENING SESSION OF
10GBASE-LRM**

24 – 26 JANUARY 2005

Task Force Chair: David Cunningham

AGENDA JANUARY 2005

- **Opening information**
- **Reminder, goals for the meeting**
- **Agree agenda**

MOBILE PHONES



**PLEASE SWITCH OFF
YOUR MOBILE
PHONES**

THANK YOU

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](mailto:stds-802-3-10gmmf<yourfirstname><yourlastname>@ieee.org)

The IEEE 802 web page URL:

- <http://ieee802.org/3>

10GBASE-LRM web page URL:

- <http://ieee802.org/3/aq>

IEEE-SA STANDARDS BOARD BYLAWS ON PATENTS IN STANDARDS

IEEE standards may include the known use of essential patents and patent applications provided the IEEE receives assurance from the patent holder or applicant with respect to patents whose infringement is, or in the case of patent applications, potential future infringement the applicant asserts will be, unavoidable in a compliant implementation of either mandatory or optional portions of the standard [essential patents]. This assurance shall be provided without coercion and prior to approval of the standard (or reaffirmation when a patent or patent application becomes known after initial approval of the standard). This assurance shall be a letter that is in the form of either:

- a) A general disclaimer to the effect that the patentee will not enforce any of its present or future patent(s) whose use would be required to implement either mandatory or optional portions of the proposed IEEE standard against any person or entity complying with the standard; or
- b) A statement that a license for such implementation will be made available without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination.

This assurance shall apply, at a minimum, from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable during that period.

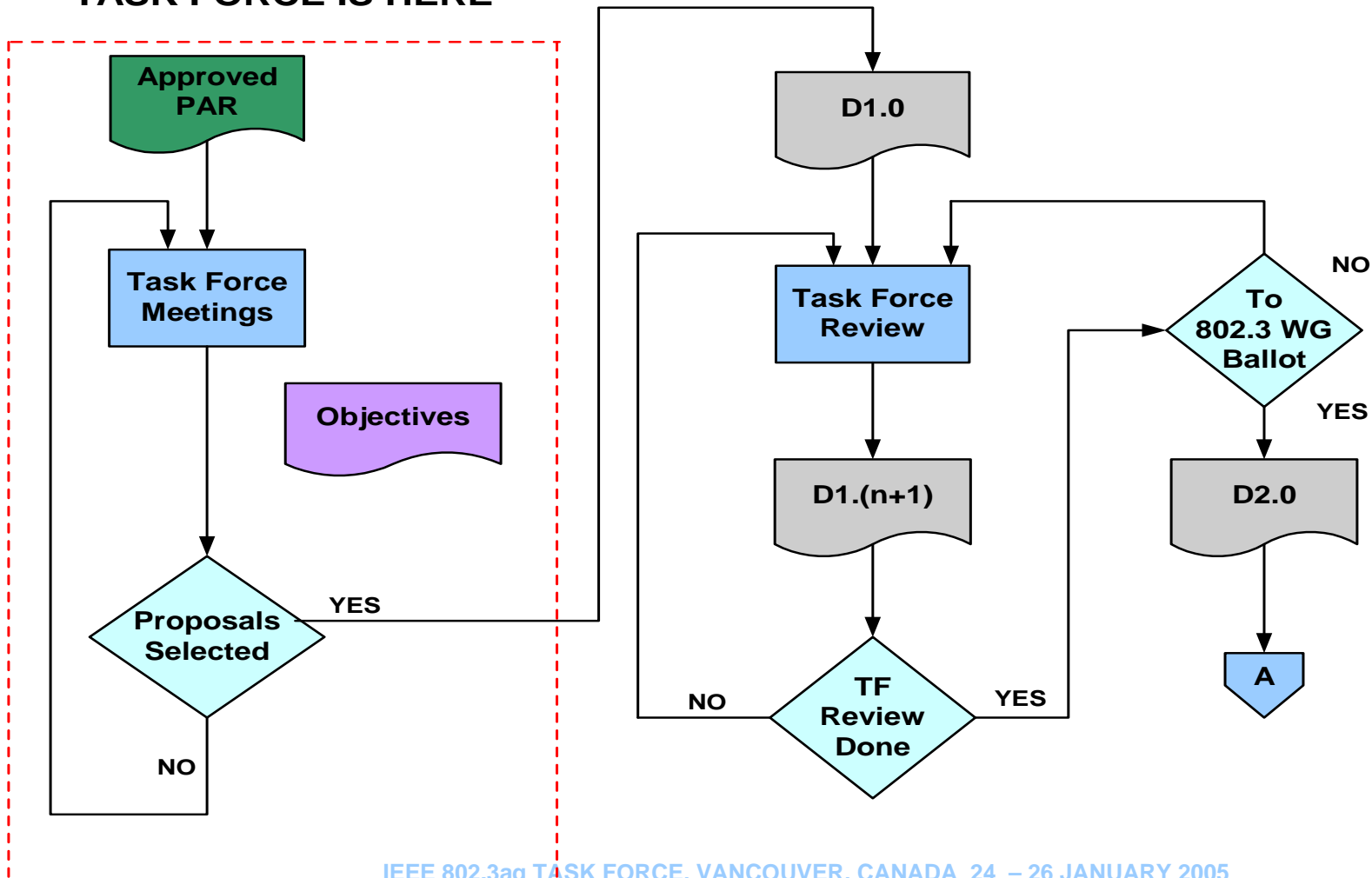
INAPPROPRIATE TOPICS FOR IEEE TASK FORCE MEETINGS

- **Don't discuss licensing terms or conditions**
- **Don't discuss product pricing, territorial restrictions or market share**
- **Don't discuss ongoing litigation or threatened litigation**
- **Don't be silent if inappropriate topics are discussed - do formally object.**

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <http://standards.ieee.org/board/pat/index.html>

OUR TASK FORCE JOB: IEEE STANDARDS PROCESS

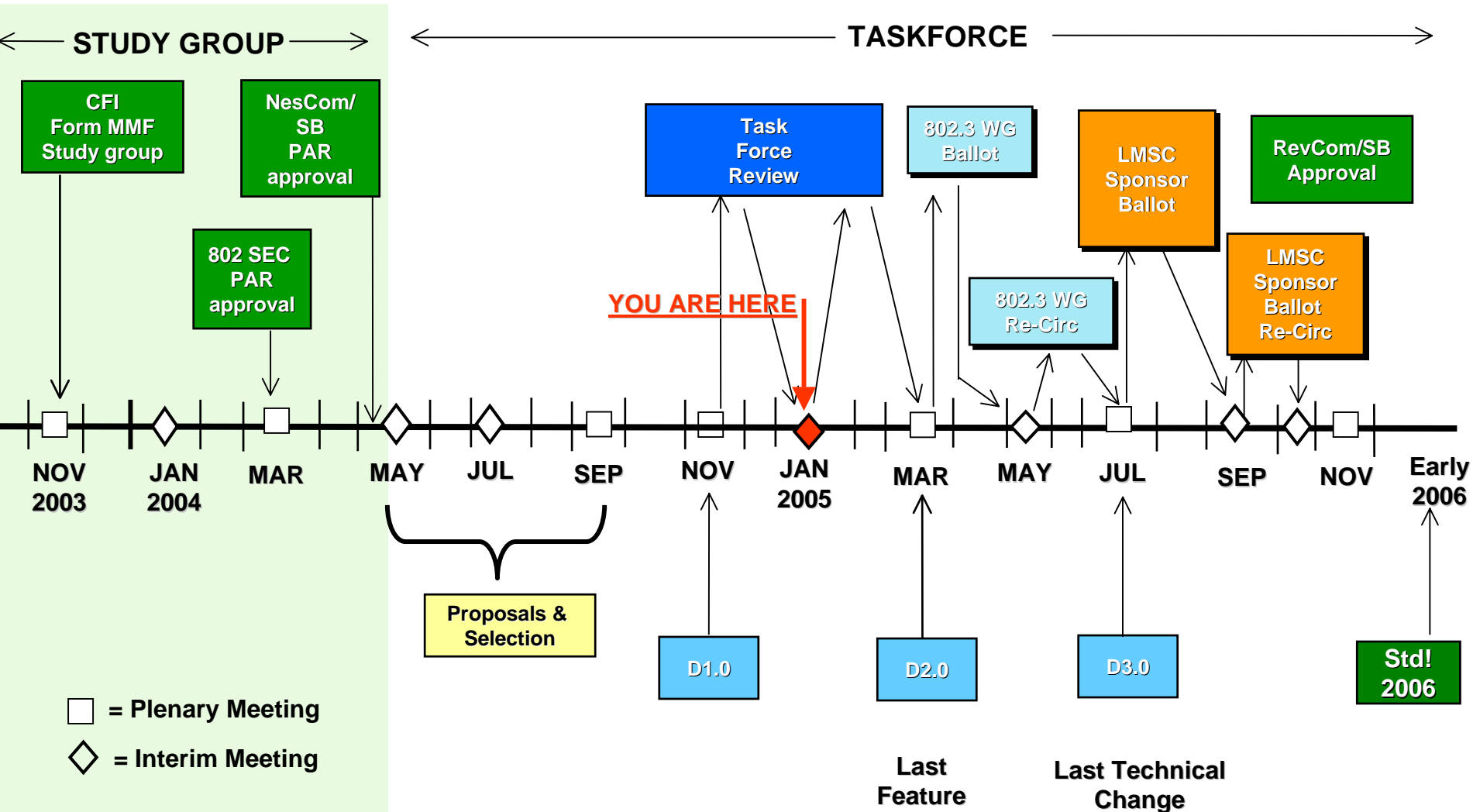
TASK FORCE IS HERE



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 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 D1.0 for a 30 day task force ballot.**

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 Distrib	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	Topic	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