

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

14-16 September 2005

10GBASE-LRM September 2005

- **IEEE802.3aq Officers**
- **Reflector and Web details**
- **Ground Rules & Standards Process**
- **Goals for this meeting**
- **Project Timeline**
- **Approve Minutes**
- **Approve Agenda**

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- **Editor:** [Nick Weiner](#)
- **Web Master:** [Piers Dawe](#)

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 - **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

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**PLEASE SWITCH OFF
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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**

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

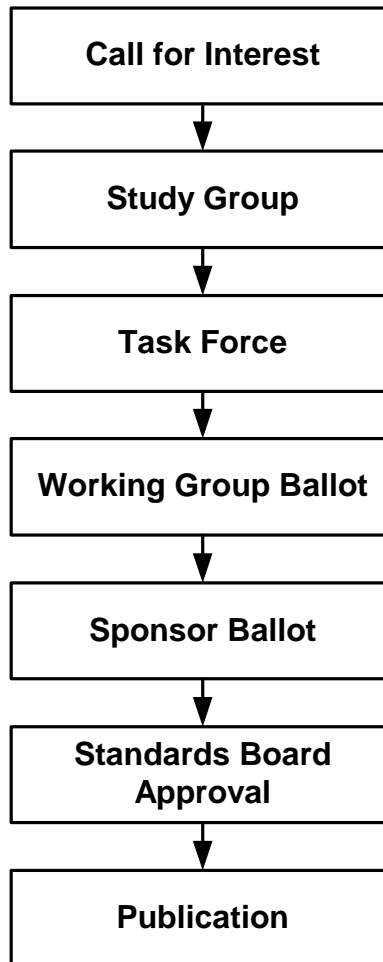
- Don't discuss licensing terms or conditions
- Don't discuss product pricing, territorial restrictions or market share
- Don't discuss ongoing litigation or threatened litigation
- Don't be silent if inappropriate topics are discussed - do formally object.

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>

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

OVERALL PROJECT PROCESS



GOALS FOR THIS MEETING

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

Working Group and Confirmation Ballot Results

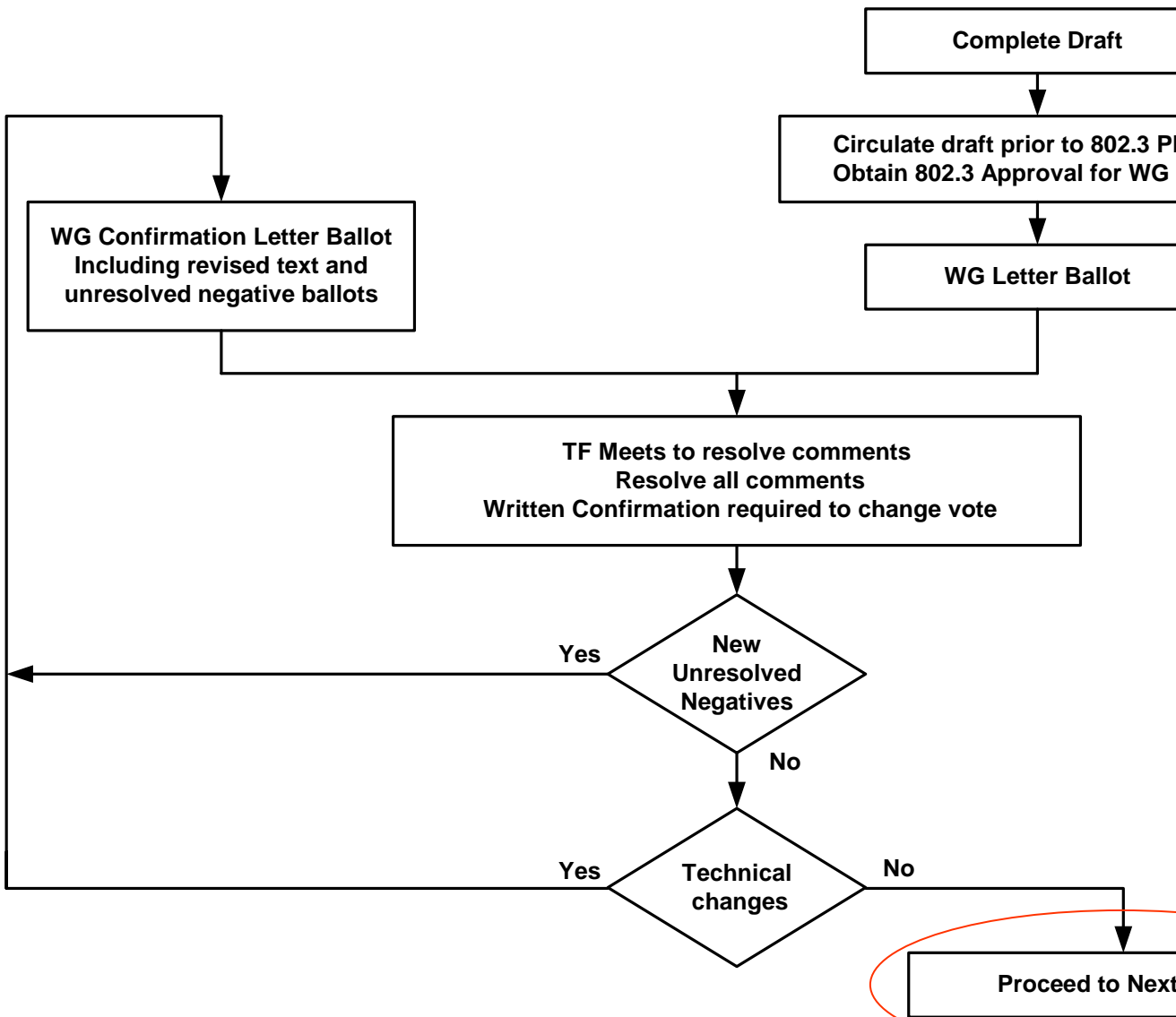
	D2.0	D2.1	D2.2
Voters	206	206	206
Approve	72	86	95
Disapprove	22	22	19
Abstain	9	4	6
Returns	103	112	120
Comments T	85	25	10
Comments TR	107	44	51
Comments E	209	64	37
Comments ER	57	5	8
Comments	458	138	106
RespRate	50.00%	54.37%	58.25%
AppRate	76.60%	79.63%	83.33%
AbsRate	8.74%	3.57%	5.00%
New Disapprove	22	2	0

Thank you for voting and submitting comments.

Status of the 10GBASE-LRM Project Draft.

- D2.2 has “Approved” status.
- The draft is technically complete and is a very clean document.
- The number of comments and variety of topics has decreased.
- Comments are becoming repetitive.
- The draft is largely based on theory and simulations.
- To move to sponsor ballot we need to see much more experimental verification of test procedures, specifications and interoperation.

WORKING GROUP BALLOT

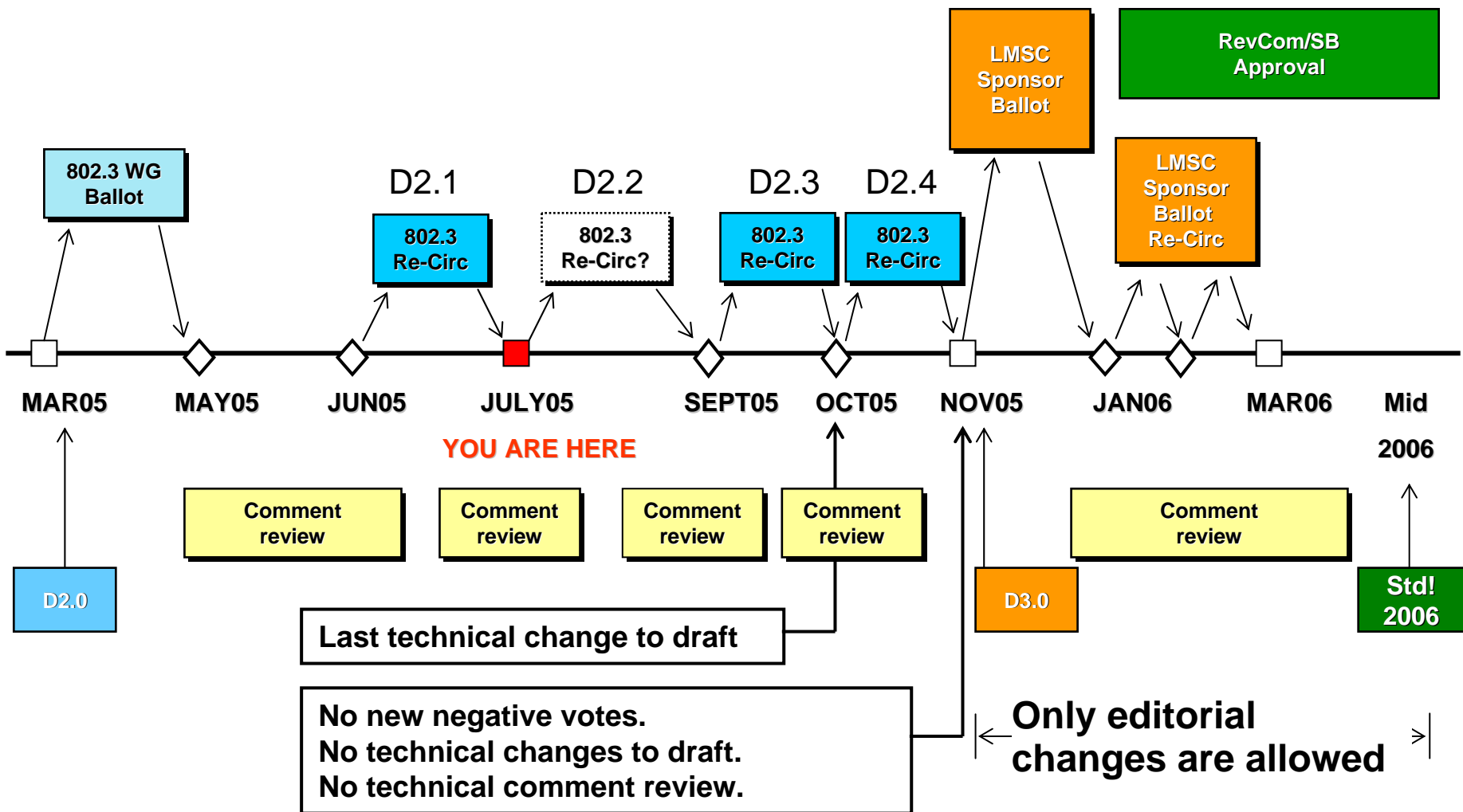


Balance of proof has moved away from theory and simulation toward experiment and demonstration with LRM-based hardware.

To confidently move to Sponsor Ballot we need more experimental verification with LRM-based hardware.

We likely can't fully resolve the remaining technical issues and gain 802.3 approval until we have gathered more experimental data with LRM-based hardware.

Timeline: 10GBASE-LRM Working Group and Sponsor Ballots.



10GBASE-LRM			
Wednesday 14 Sept 2005			
Presenter	Topic	Length	Start
Chair	Opening Session	01:00:00	08:00
	Appoint Recording Secretary		
	Goals for the Meeting, Project Status and Timeline etc.,		
	Approve Minutes		
Nick Weiner	Editors Report	00:10:00	9:00 AM
	General		
	Presentation 1	00:20:00	9:10 AM
	Presentation 2	00:20:00	9:30 AM
	Presentation 3	00:20:00	9:50 AM
	Break	00:20:00	10:10 AM
	Presentation 4	00:20:00	10:30 AM
	Presentation 5	00:20:00	10:50 AM
	Presentation 6	00:20:00	11:10 AM
	Presentation 7	00:20:00	11:30 AM
	Presentation 8	00:20:00	11:50 AM
	Lunch	01:30:00	12:10 PM
Nick Weiner	Comment Review	01:25:00	1:40 PM
	Break	00:25:00	3:05 PM
Nick Weiner	Comment Review	03:00:00	3:30 PM
	Stop for day		6:30 PM
Thursday 15 September 2005			
Presenter	Topic	Length	Start
Nick Weiner	Comment Review	02:00:00	08:00
	Break	00:20:00	10:00 AM
Nick Weiner	Comment Review	01:40:00	10:20 AM
	Lunch	01:30:00	12:00 PM
Nick Weiner	Comment Review	01:30:00	1:30 PM
	Break	00:30:00	3:00 PM
Nick Weiner	Comment Review	02:30:00	3:30 PM
	Break: Potential Evening Overflow Session 1930 - 2130 hrs.		6:00 PM
Friday 16 September 2005			
Presenter	Topic	Length	Start
Nick Weiner	Comment Review	02:00:00	08:00
	Break	00:20:00	10:00 AM
Chair	Closing Session	01:40:00	10:20 AM
	Meeting Adjourned		12:00 PM