

**WELCOME
TO THE
10GBASE-LRM MEETING
13 – 15 JULY 2004**

Task Force Chair: David Cunningham

MOBILE PHONES



**PLEASE SWITCH OFF
YOUR MOBILE
PHONES**

THANK YOU

AGENDA 25 MAY 2004

- **Welcome and Introductions**
- **Confirmation of Chair**
- **Appoint Recording Secretary**
- **Goals for the meeting**
- **Reflector and Web**
- **Ground Rules**

GROUND RULES

802.3 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>

REFLECTOR AND WEB

There is a reflector set up

To subscribe, use this URL:

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

To subscribe via e-mail send this message

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

10GMMF Study Group web page URL:

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

Voting rules and conduct of business for the 10GBASE-LRM Task Force

- Everyone in the room who feels qualified to vote can vote.
- Only by exception will an additional vote of IEEE 802.3 voters be taken. Possible exceptions would include:
 - an issue has arisen that we think IEEE 802.3 might over rule.
 - someone in the room requests an additional vote by IEEE 802.3 voters.

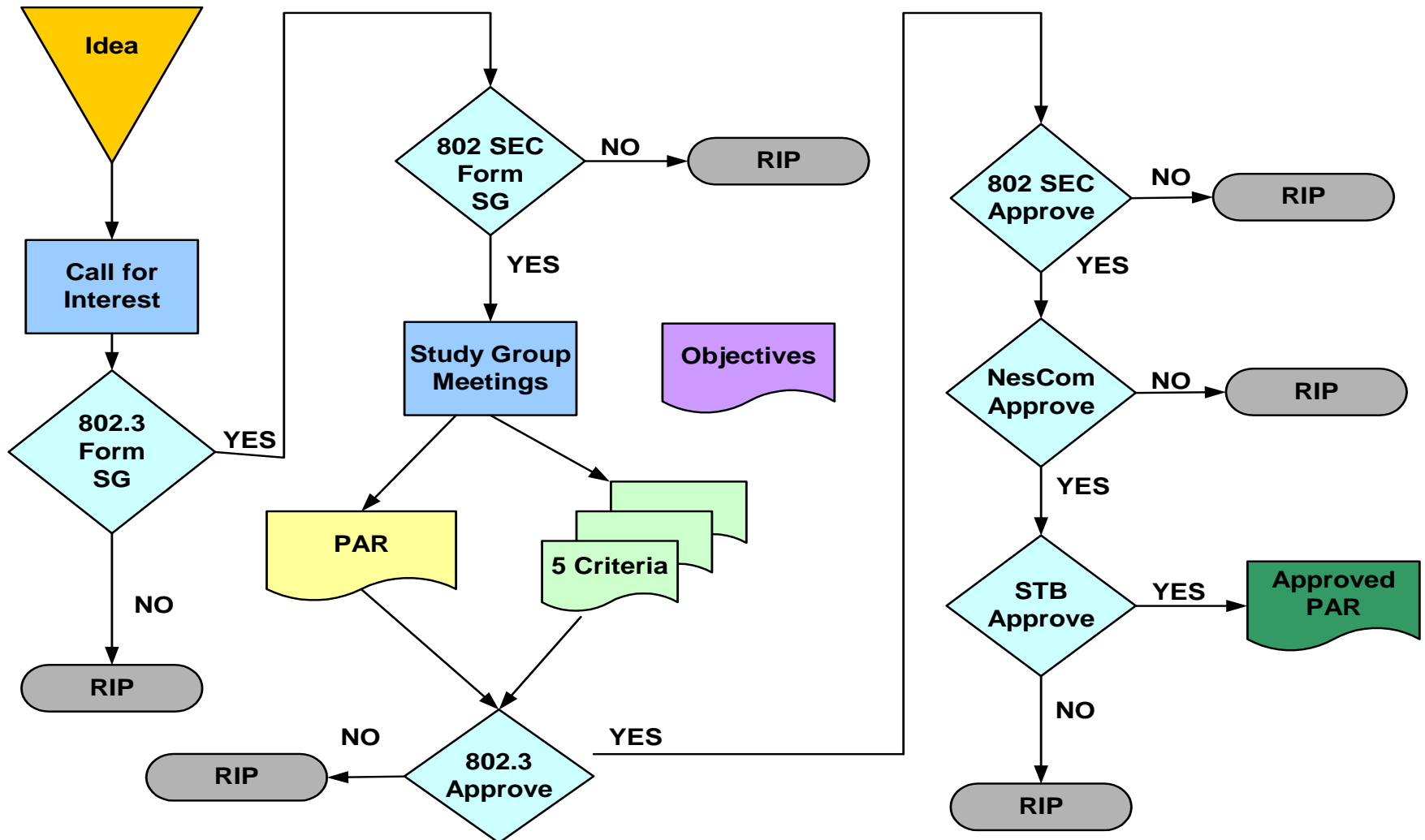
There are two types of motion:

- technical, requiring 75% majority of the sum of the yes and no votes.
- procedural, requiring a simple majority of the sum of the yes and no votes.

Conduct of business within 10GBASE-LRM

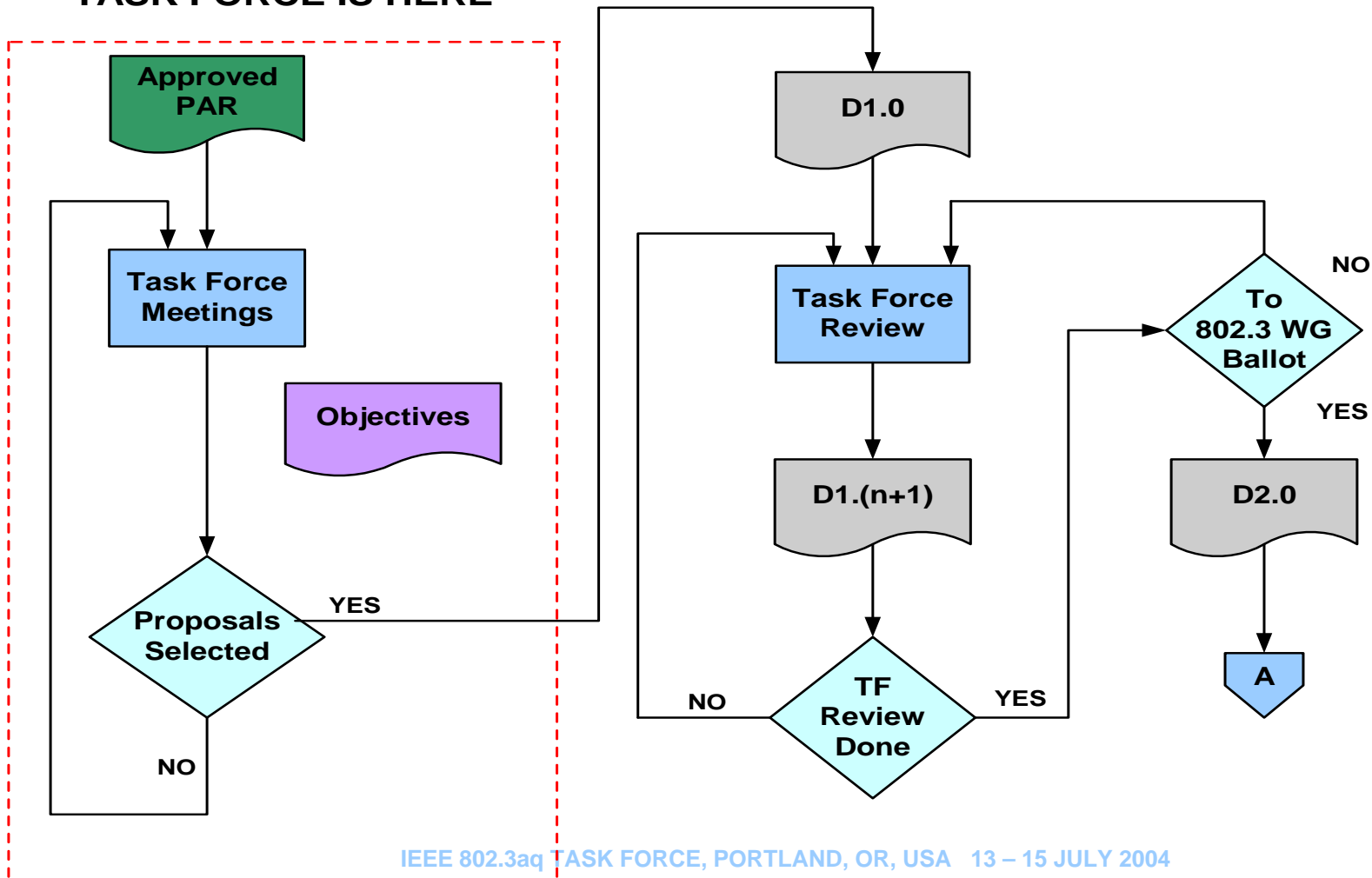
- Guided by the chair, an informal interpretation of Roberts Rules will be used to conduct the business of the Taskforce - we should use common sense as much as possible.
- Only as a last resort will a strict interpretation of Roberts Rules will be invoked.

THE TASK FORCE JOB: IEEE STANDARDS PROCESS



OUR TASK FORCE JOB: IEEE STANDARDS PROCESS

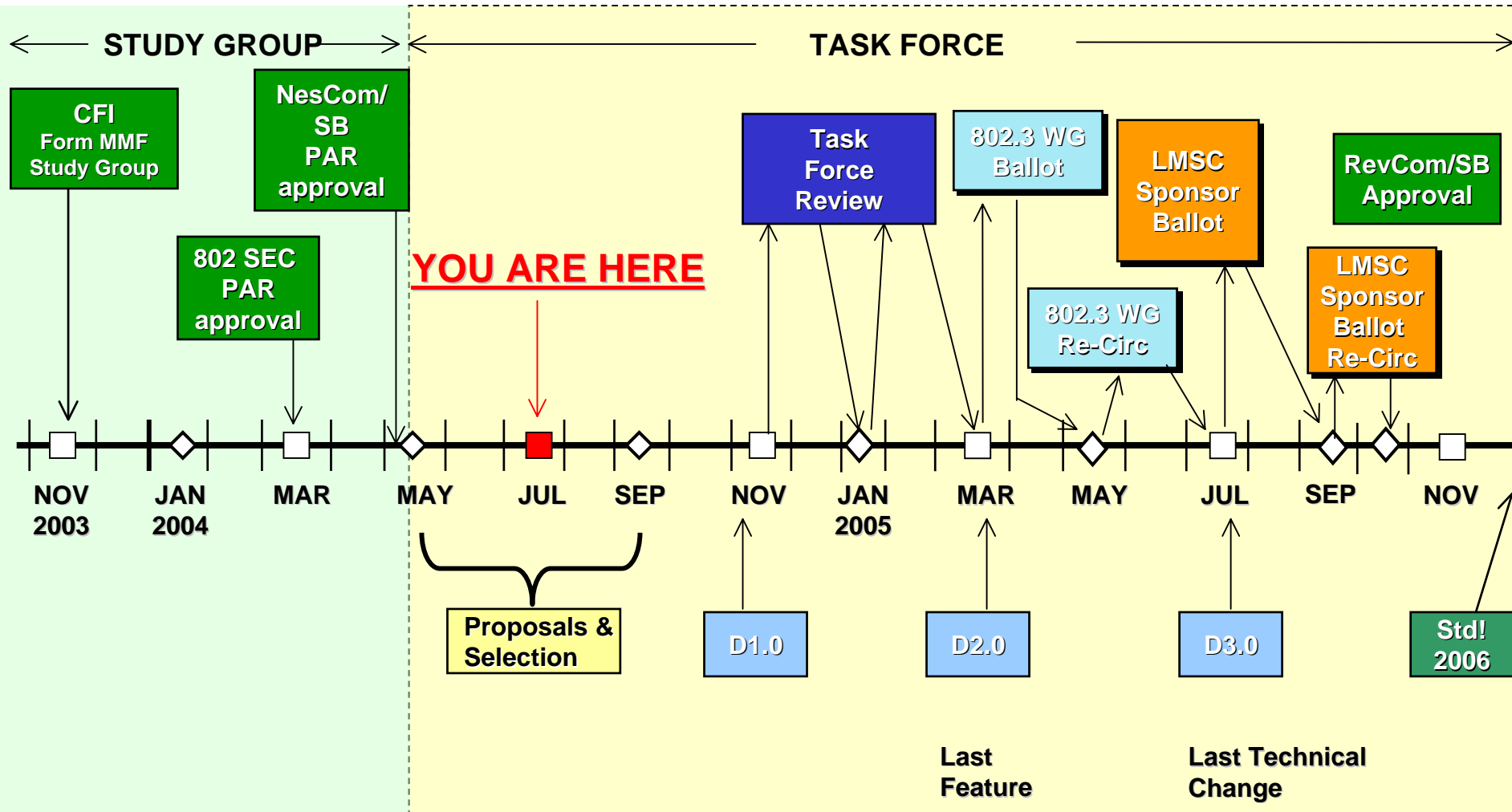
TASK FORCE IS HERE



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 DRAFT TIMELINE



□ = Plenary Meeting
 ◇ = Interim Meeting

GOALS FOR THE MEETING

- **To adopt a baseline fiber model for 62/125 FDDI-grade fiber.**
- **To select baseline technologies for the standard.**
- **To direct the editor to draft the initial baseline draft for review at the next interim meeting.**

Presentations that are focused on progressing these goals will be given preference on the agenda.

10GBASE-LRM BASELINE TECHNOLOGY PROPOSALS

