

802.3ae Interim Meeting

Ottawa, Canada

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Agenda

- **Welcome and Introductions**
- **Select Recording Secretary**
- **Review / Approve Agenda**
- **E-mail Reflector, Web Site, and Miscellaneous Information**
- **Call for Patents**
- **Schedule Review & Meeting Objectives**
- **Doc. Distribution**
- **Presentations**
- **Old Business**
- **New Business**
- **Planning for July 2000**
- **Approve Minutes of January, March, 2000 Meetings**
- **Review New Action Items**
- **Adjourn**

E-mail Reflector

The IEEE has set up a reflector for this study group:

stds-802-3-hssg@mail.ieee.org

The reflector can be used for announcements, comments, discussions, or dissemination of information related to the work of this study group

The reflector should not be used for recruiting, advertising, soliciting, flaming, whining, subscribing, or unsubscribing

To be added to the reflector, send an E-mail containing the following line:

subscribe stds-802-3-hssg <your email address>

to

majordomo@mail.ieee.org

To send a message to the HSSG reflector use the email address:

stds-802-3-hssg@ieee.org

Subscriptions are on an individual basis only

No proxy requests or reflectors will be subscribed

IEEE Web Site

Typical Plenary Meeting Plan (802.3ae will meet during “Task Force” slots):

<http://grouper.ieee.org/groups/802/3/plenary.html>

802.3ae 5 Criteria:

<http://grouper.ieee.org/groups/802/3/ae/criteria.pdf>

802.3ae PAR:

<http://grouper.ieee.org/groups/802/3/ae/PAR-802-3ae.pdf>

802.3 Voting Rules

<http://grouper.ieee.org/groups/802/3/rules/member.html>

802.3 Patent Policy

<http://grouper.ieee.org/groups/802/3/patent.html>

802.3 Presentation Policy

<http://grouper.ieee.org/groups/802/3/ae/public/presentproc.html>

IEEE 802.3 Requirements for Working Group Voting Membership

If you wish to vote on 802.3 standards at the Working Group Ballot stage you need to become a Voting Member of Working Group 802.3.

Membership is by individual, not company.

To become a voter:

- Attend and sign the attendance book at least 75% of the sessions of two Working Group 802.3 Plenary meetings (within the last four).
- Full attendance at a two day or more duly constituted Working Group 802.3 Interim Meeting can be substituted for attendance at one plenary.
- Have complete and current contact information recorded in the Working Group 802.3 database.
- Request to become a voter during a Working Group 802.3 Opening or Closing plenary meeting when additions to the voter list are solicited by the Chair from the "Potential Voter" list.

To remain a voter you must:

- Maintain current contact information in the Working Group 802.3 database.
- Have 75% attendance during at least two of the last four plenaries (Attendance at an interim can substitute for attendance at no more than 1 plenary).
 - ♦ Participate in Working Group ballots. You can be dropped for not returning or abstaining in two of the last three ballots.

The Attendance Books

Sign “THE RIGHT BOOK” every day!!!

If you are new, sign the “NEW-BEES BOOK”

- **Put business card in back or fill out address...**

Keep them moving!!!

No forward signing!!!

**DO NOT REMOVE THE BOOKS FROM THE
ROOM; DO NOT COPY THE BOOKS**

Future Meetings

July 10-14 Plenary: La Jolla, CA

Sept 12-14 Interim: Boston, Mass

Other plenary meeting details at:

<http://grouper.ieee.org/groups/802/minutes/may2000/index.html>

No other interim meetings planned;

- If you would like to host a meeting for Jan, May, or Sept 2001,
- Get authorization from your company and volunteer at this or future meeting

HSSG Objectives (1 of 2)

- **Preserve the 802.3/Ethernet frame format at the MAC Client service interface.**
- **Meet 802 Functional Requirements, with the possible exception of Hamming Distance.**
- **Preserve minimum and maximum FrameSize of current 802.3 Std.**
- **Support full-duplex operation only.**
- **Support star-wired local area networks using point-to-point links and structured cabling topologies.**
- **Specify an optional Media Independent Interface (MII).**
- **Support proposed standard P802.3ad (Link Aggregation)**
- **Support a speed of 10.000 Gb/s at the MAC/PLS service interface**

HSSG Objectives (2 of 2)

Define two families of PHYs

- A LAN PHY, operating at a data rate of 10.000 Gb/s
- A WAN PHY, operating at a data rate compatible with the payload rate of OC-192c/SDH VC-4-64c

Define a mechanism to adapt the MAC/PLS data rate to the data rate of the WAN PHY

Provide Physical Layer specifications which support link distances of:

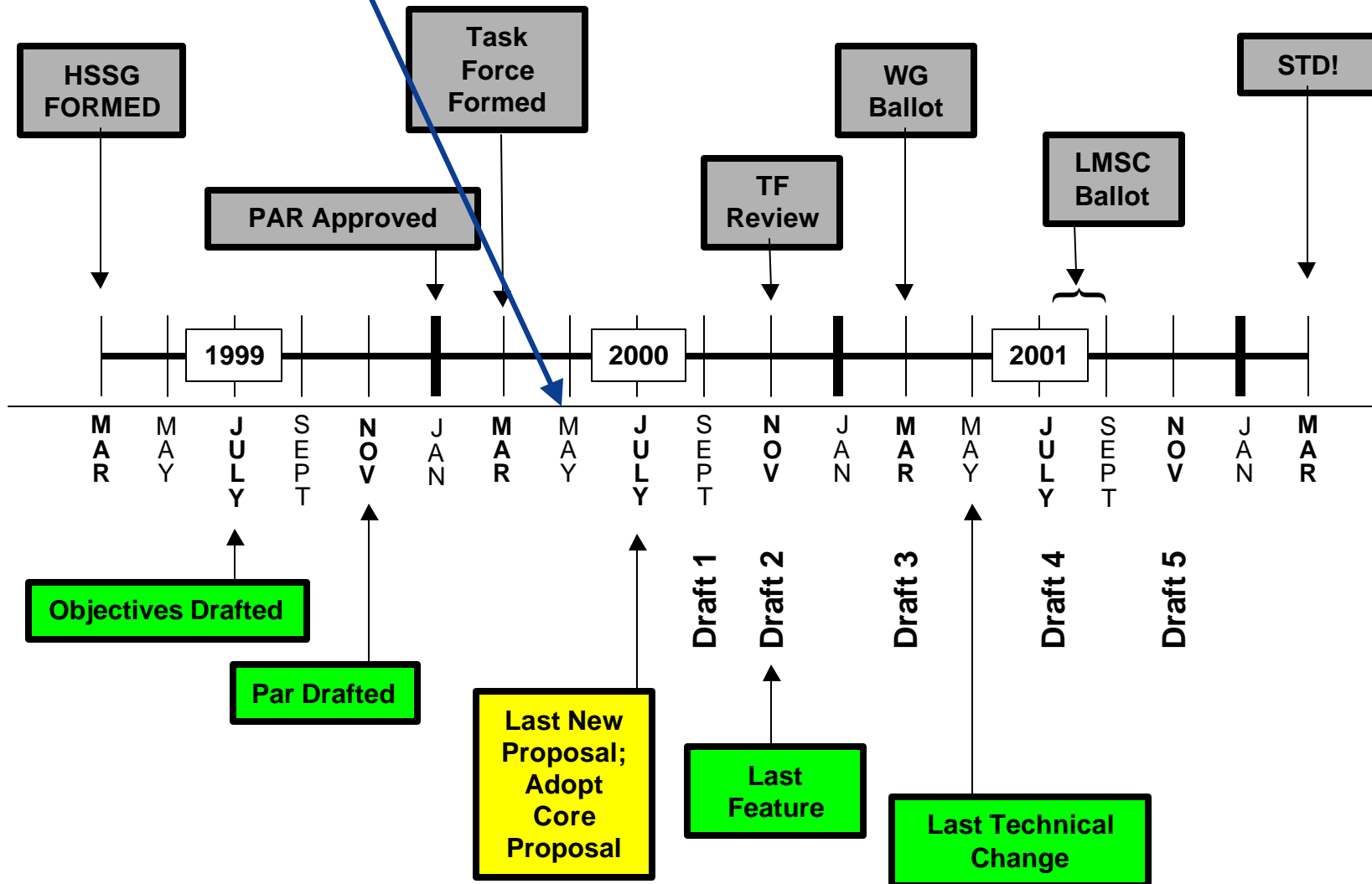
- At least 100 m over installed MMF
- At least 300 m over MMF
- At least 2 km over SMF
- At least 10 km over SMF
- At least 40 km over SMF

Support fiber media selected from the second edition of ISO/IEC 11801 (802.3 to work with SC25/WG3 to develop appropriate specifications for any new fiber media).

Call for Patents....

Long Term Schedule

You are here



Goals For The Week (1 of 2)

“Selection Phase” (March – July)

- **March:**

- Survey membership for current “state of mind”
- Reduce number of PMD proposals (7 or less?)

- **May:**

- Stage for July final selection of proposals
- Identify final candidates (e.g. coding schemes);
- Consolidate proposals; identify clause structure

- **July:**

- Adopt and refine baseline proposal
- Plan 1st draft (September)

Goals For This Week (2 of 2)

Note: We Must Keep Options For New Proposals Open Until July!

Note: We Have Twice As Much Time At This Interim As We Will Have In July.

OUR FOCUS IS TO REFINE THE PROPOSALS AND MAKE THE JULY MEETING QUICK, AND EFFECTIVE.

Group Demographics

Total Number in Room:

Would 1st Time Attendees Please Stand:

- **How many of you plan to attend only this meeting:**
- **How many plan to become regular members of 802.3ae:**

Please be seated....

Would 802.3 Voters Please Stand:

Please stay standing....

**Would Those On Track to Become 802.3
Voters in July Please Stand:**

Please be seated....

Group Demographics

Business Type

Number of 802.3ae System Integrators:

Number of Chip Vendors:

Number of Optical Transceiver Vendors:

Number of Software Vendors:

Number of Fiber Infrastructure Vendors:

Number of Consultants:

Number of “End Users”:

**Would everyone who hasn't raised their
hand for a Business Type Please Stand:**

WHO ARE YOU?

Please be seated....

DOCUMENT DISTRIBUTION

Now is the time for all presentations that were not uploaded to the reflector last Wednesday to be distributed....

Check off on presentation agenda

Closing Discussions

- **802.3ae Patent Letters:**
 - MB810
 - Agilent
- **Old Business (none)**
- **New Business / Motions**
- **Approve Minutes of**
 - Dallas Meeting
 - Albuquerque Meeting
- **Review New Action Items**
- **Adjourn**

Issue With Names

LAN PHY and WAN PHY names do not accurately represent the objectives

Try explaining to the press why:

- **The WAN PHY is expected to be primarily a short jumper in the POP**
while
- **The LAN PHY will run up to 40 km over dark fiber**