

# P802.3ae Meeting

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**Portland, OR**

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# E-mail Reflector

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

**[stds-802-3-hssg@mail.ieee.org](mailto: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](mailto:majordomo@mail.ieee.org)**

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

**[stds-802-3-hssg@ieee.org](mailto: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):**

**[www.ieee802.org/3/plenary.html](http://www.ieee802.org/3/plenary.html)**

**802.3ae 5 Criteria:**

**[www.ieee802.org/3/ae/criteria.pdf](http://www.ieee802.org/3/ae/criteria.pdf)**

**802.3ae PAR:**

**[www.ieee802.org/3/ae/PAR-802-3ae.pdf](http://www.ieee802.org/3/ae/PAR-802-3ae.pdf)**

**802.3 Voting Rules**

**[www.ieee802.org/3/rules/member.html](http://www.ieee802.org/3/rules/member.html)**

**802.3 Patent Policy**

**[www.ieee802.org/3/patent.html](http://www.ieee802.org/3/patent.html)**

**802.3 Presentation Policy**

**[www.ieee802.org/3/ae/public/presentproc.html](http://www.ieee802.org/3/ae/public/presentproc.html)**

# IEEE Private Site

# WRITE THIS DOWN!

Simply go to the URL:

[www.ieee802.org/3/ae/private/index.html](http://www.ieee802.org/3/ae/private/index.html)

and type in the

Username: \*\*\*\*\*

Password: \*\*\*\*\*

# 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

**September 17 - 21**

**Interim in Copenhagen**

**November 12 – 16**

**Plenary in Austin, TX**

**January, 2002**

**Looking for Host**

# 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 300 m over installed MMF
- At least 65 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).**

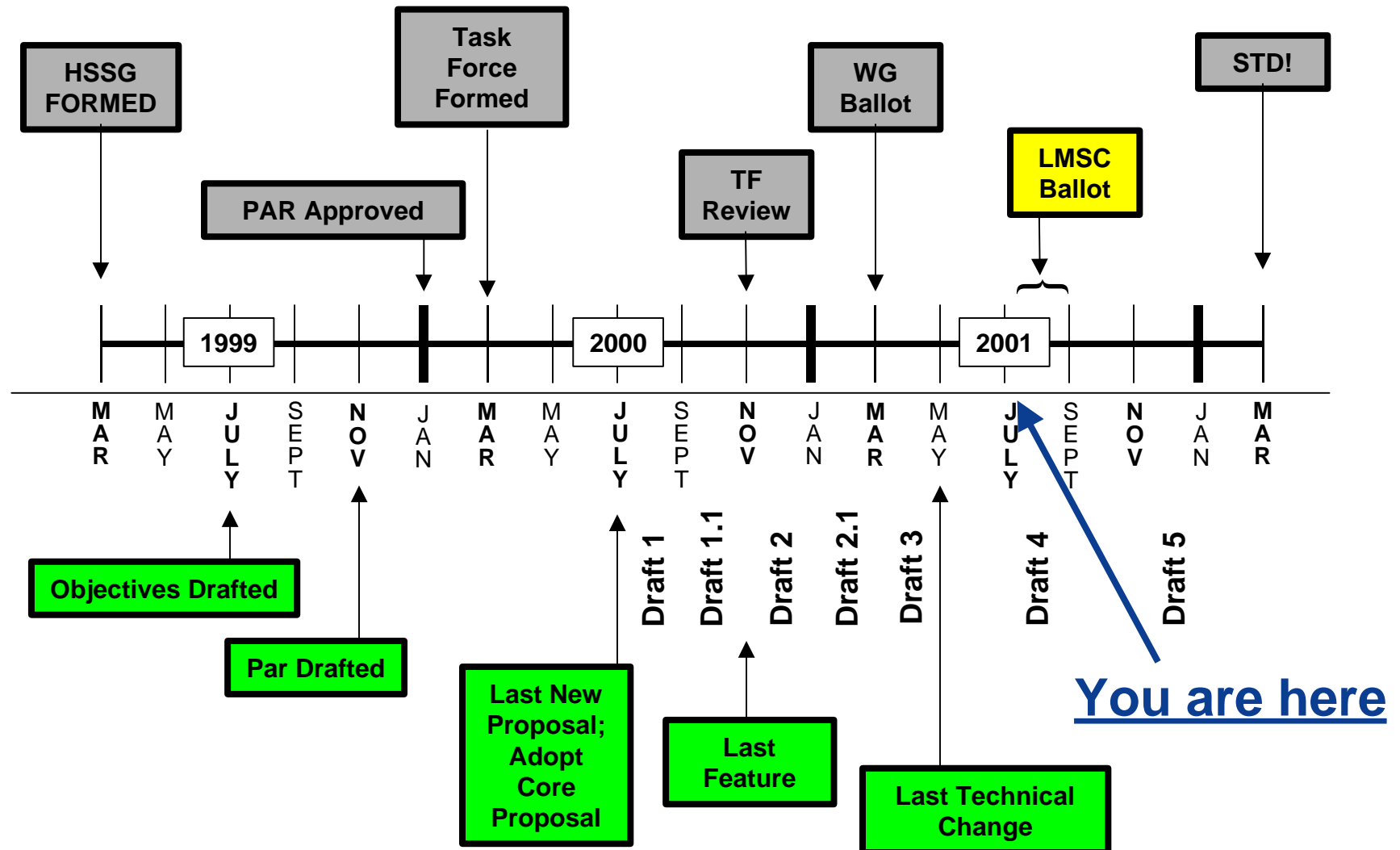
# IEEE Patent Policy

**The IEEE-SA's patent policy is set forth in clause 6 of the IEEE-SA Standards Board Bylaws:**

IEEE standards may include the known use of patent(s), including patent applications, if there is technical justification in the opinion of the standards-developing committee and provided the IEEE receives assurance from the patent holder that it will license applicants under reasonable terms and conditions for the purpose of implementing the standard. This assurance shall be provided without coercion and prior to approval of the standard (or reaffirmation when a patent 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 the proposed IEEE standard against any person or entity using the patent(s) to comply with the standard or
- b) A statement that a license will be made available to all applicants without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination

# Long Term Schedule



# Sponsor Ballot Pool

**If you are interested in participating in the sponsor ballot, you must be a be (or become soon) a member of the LMSC Sponsor Ballot Pool. To be a voting member in the LMSC Sponsor Ballot Pool you must:**

- Be a member of the IEEE Standards Association
- Complete the On-line Ballot Form

**After you have completed this, whenever a balloting group is formed to ballot on a proposed IEEE 802 standard you will be asked if you wish to be in that particular balloting group.**

# Modus Operandi

- **All business initially conducted in clause subgroups**
  - All technical comments will be voted on (“are there any objections”) in subgroup.
  - Significant editorial comments will be raised by editor and closed in subgroup.
- **Decisions reviewed and ratified by P802.3ae on Thursday a.m.**

# Technical Feasibility

**When the Higher Speed Study Group put forth a PAR to 802 and the IEEE standards board for approval to create a standard, we committed that:**

**"10 Gb/s Ethernet technology will be demonstrated during the course of the project, prior to the completion of the sponsor ballot."**