

# **IEEE P802.3av «10GE PON» Task Force**

---

## Opening Report to IEEE 802.3 WG

Glen Kramer, [glen.kramer@ieee.org](mailto:glen.kramer@ieee.org)

# January TF Meeting Report

---

- 10G EPON TF had a 2-day meeting in Monterey, CA
- ~40 people attended
- Reviewed 15 presentations

# Work Between Meetings

---

- **Optical Link Modeling ad hoc (Marek Hajduczenia, Siemens)**
  - Updating the model with non-linear penalties that were not included before.
- **FEC Framing ad hoc (Jeff Mandin, PMC Sierra)**
  - Analyze and compare multiple proposals with the ultimate goal of coming up with a single solution to be offered to the task force.
- **Dual-Rate PMD ad hoc (Frank Effenberger, Huawei)**
  - Study feasibility of achieving 1G-10G EPON coexistence using dual rate upstream transmission at 1310 nm.
- **Power budget proposals ad hoc (Robert Lingle, OFS)**
  - Analyze previously presented material and generate detailed proposals (sets of PMD parameters) to achieve the desired power budgets
- **Rate Increase Analysis ad hoc (Frank Effenberger, Huawei)**
  - Analyze the benefits and shortcomings of increasing PHY rate compared to decreasing the MAC rate as a means to accommodate FEC overhead.

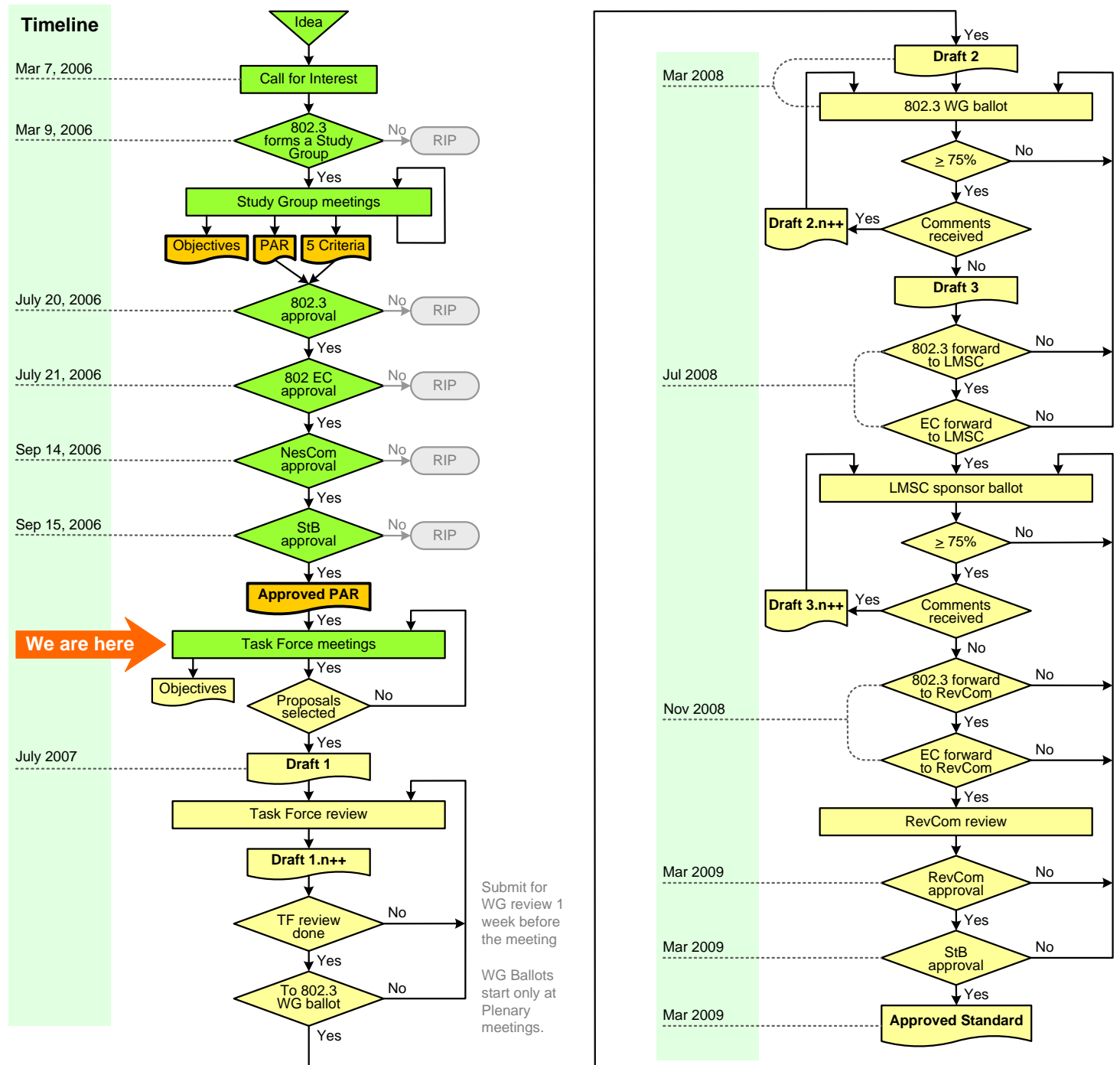
# Schedule for March Meeting

---

We have 22 presentations to review

- **Tue AM:**
  - Power budget discussion
- **Tue PM:**
  - Optical link model
- **Wed AM:**
  - Dual-rate PMD
  - MAC sub-rating vs. PHY super-rating
- **Wed PM:**
  - FEC Framing
- **Thu AM:**
  - Clauses overview from Editors
  - Other Topics

# Task Force Timeline



March 12, 2007

# Reflector and Web

---

- To subscribe to 10GEPON reflector, send email to:

**[listserv@ieee.org](mailto:listserv@ieee.org)**

and include this line in the *body of the message*:

***subscribe stds-802-3-10GEPON*** *firstname lastname*

(Currently 290 subscribers on 10GEPON TF reflector)

- Our web site is located at:

**<http://www.ieee802.org/3/av/>**

- No private area yet