

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

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Report to IEEE 802.3 WG Opening Plenary

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# September TF Meeting Report

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- 10G EPON TF had a 3-day meeting in Seoul, South Korea
- 59 participants
- Reviewed 24 presentations
- Approved 11 baseline proposals:  
<http://www.ieee802.org/3/av/public/baseline.html>

# Target Technologies for PMD Components

	<b>TX</b>	<b>RX</b>	<b>Wavelength</b>
<b>PR-10-DOWN</b>	<b>Hi-EML<sup>10</sup></b>	<b>PIN-PD<sup>3</sup></b>	
<b>PR-20-DOWN</b>	<b>EML + AMP<sup>9</sup></b>	<b>PIN-PD<sup>5</sup></b>	
<b>PR-30-DOWN</b>	<b>Hi-EML<sup>8</sup></b>	<b>APD<sup>5</sup></b>	<b>1574-1580<sup>4</sup></b>
<b>PR-10-UP</b>	<b>DML<sup>6</sup></b>	<b>APD<sup>7</sup></b>	<b>1260-1280<sup>2</sup></b>
<b>PR-20-UP</b>	<b>DML<sup>6</sup></b>	<b>APD<sup>7</sup></b>	<b>1260-1280<sup>2</sup></b>
<b>PR-30-UP</b>	<b>Hi-DML<sup>1</sup></b>	<b>APD<sup>1</sup></b>	<b>1260-1280<sup>2</sup></b>

1. Motion 8, July 2007
2. Motion 12, July 2007
3. Motion 5, Sept 2007
4. Motion 9, Sept 2007
5. Motion 12, Sept 2007
6. Motion 17, Sept 2007
7. Motion 18, Sept 2007
8. Motion 21, Sept 2007
9. Motion 22, Sept 2007
10. Motion 23, Sept 2007

# Tasks for November

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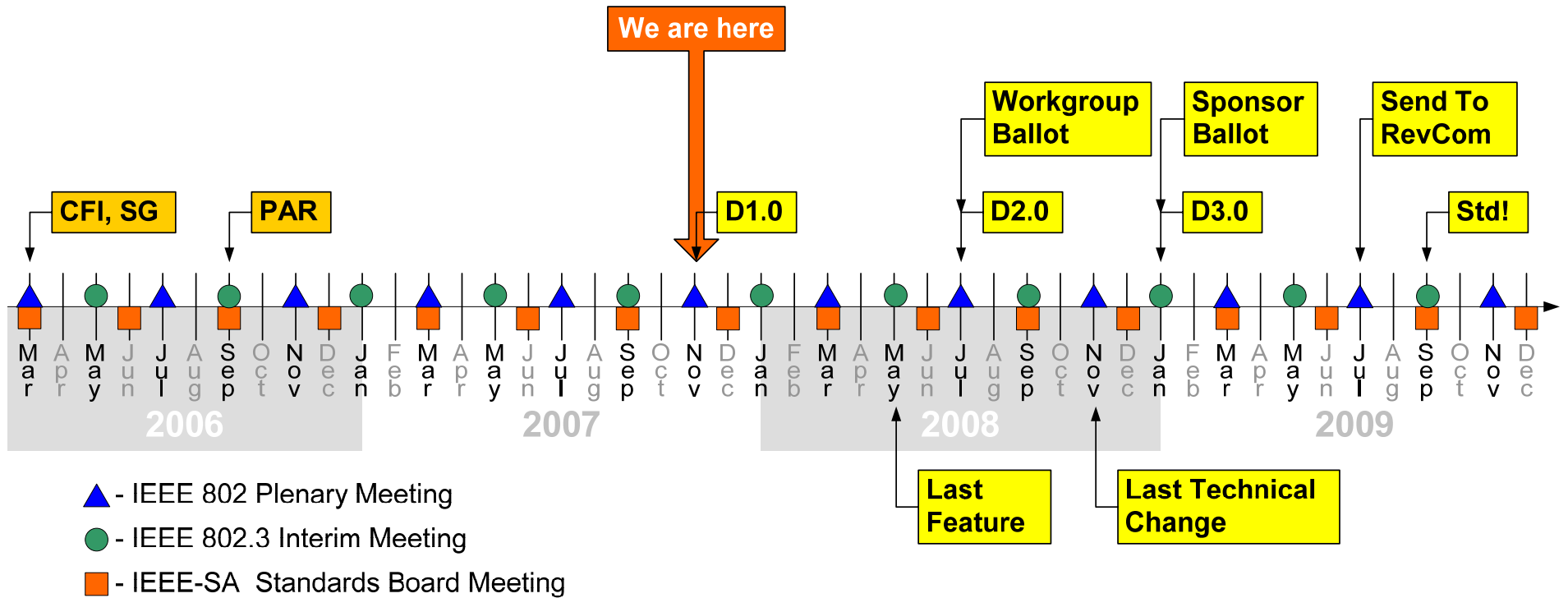
- Create Draft 0.91 incorporating motions from September meeting
  - Editors
- Propose PMD parameters. Present results in Link Model document.
  - Frank Effenberger, Motoyuki Takizawa
- Agree on wavelength
  - Ad hoc led by Keiji Tanaka
- Link Model update, add Transmitter Dispersion Penalty (TDP) parameter
  - Marek Hajduczenia

# Schedule for November Meeting

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- We have 9 presentations to review
- Main goals for the November meeting:
  - Accept PMD parameters
  - Produce Draft 1.0 after the meeting

# Project Timeline\*



\* Assumes that we produce draft D1.0 after the November meeting

# Reflector and Web

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- To subscribe to 10GEPON reflector, send email to:  
**listserv@ieee.org**  
and include this line in the *body of the message*:  
***subscribe stds-802-3-10GEPON*** *firstname lastname*  
(Currently 340 subscribers on 10GEPON TF reflector)
- Our web site is located at:  
**<http://www.ieee802.org/3/av/>**
- Private Directory
  - Username: **802.3av**
  - Password: **\*\*\*\*\***