

IEEE P802.3av GEPON Task Force

Agenda and General Information

Knoxville, TN

September 18, 2006

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Outline

- Recording Secretary
- Welcome and introductions
- Task Force organizational matters
- Approval of last meeting minutes
- Reflector and web
- Patent Policy
- Task Force timeline
- Agenda for this meeting
- Future work and next meeting

Recording Secretary



Task Force Matters

Approval of Last Meeting's Minutes

Reflector and Web

- Currently 240 subscribers on P802.3av reflector
- 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*

- Note new website URL:

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

Instructions for the WG Chair

- **At Each Meeting, the Working Group Chair shall:**
- **Show slides #1 and #2 of this presentation**
- **Advise the WG membership that:**
 - The IEEE's patent policy is consistent with the ANSI patent policy and is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
 - Early disclosure of patents which may be essential for the use of standards under development is encouraged;
 - Disclosures made of such patents may not be exhaustive of all patents that may be essential for the use of standards under development, and that neither the IEEE, the WG, nor the WG Chairman ensure the accuracy or completeness of any disclosure or whether any disclosure is of a patent that, in fact, may be essential for the use of standards under development.
- **Instruct the WG Secretary to record in the minutes of the relevant WG meeting:**
 - That the foregoing advice was provided and the two slides were shown;
 - That an opportunity was provided for WG members to identify or disclose patents that the WG member believes may be essential for the use of that standard;
 - Any responses that were given, specifically the patents and patent applications that were identified (if any) and by whom.

IEEE-SA Standards Board Bylaws on Patents in Standards

6. Patents

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. The patent holder or applicant should provide this assurance as soon as reasonably feasible in the standards development process. This assurance shall be provided no later than the approval of the standard (or reaffirmation when a patent or patent application becomes known after initial approval of the standard). This assurance shall be 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 is irrevocable once submitted and accepted and shall apply, at a minimum, from the date of the standard's approval to the date of the standard's withdrawal.

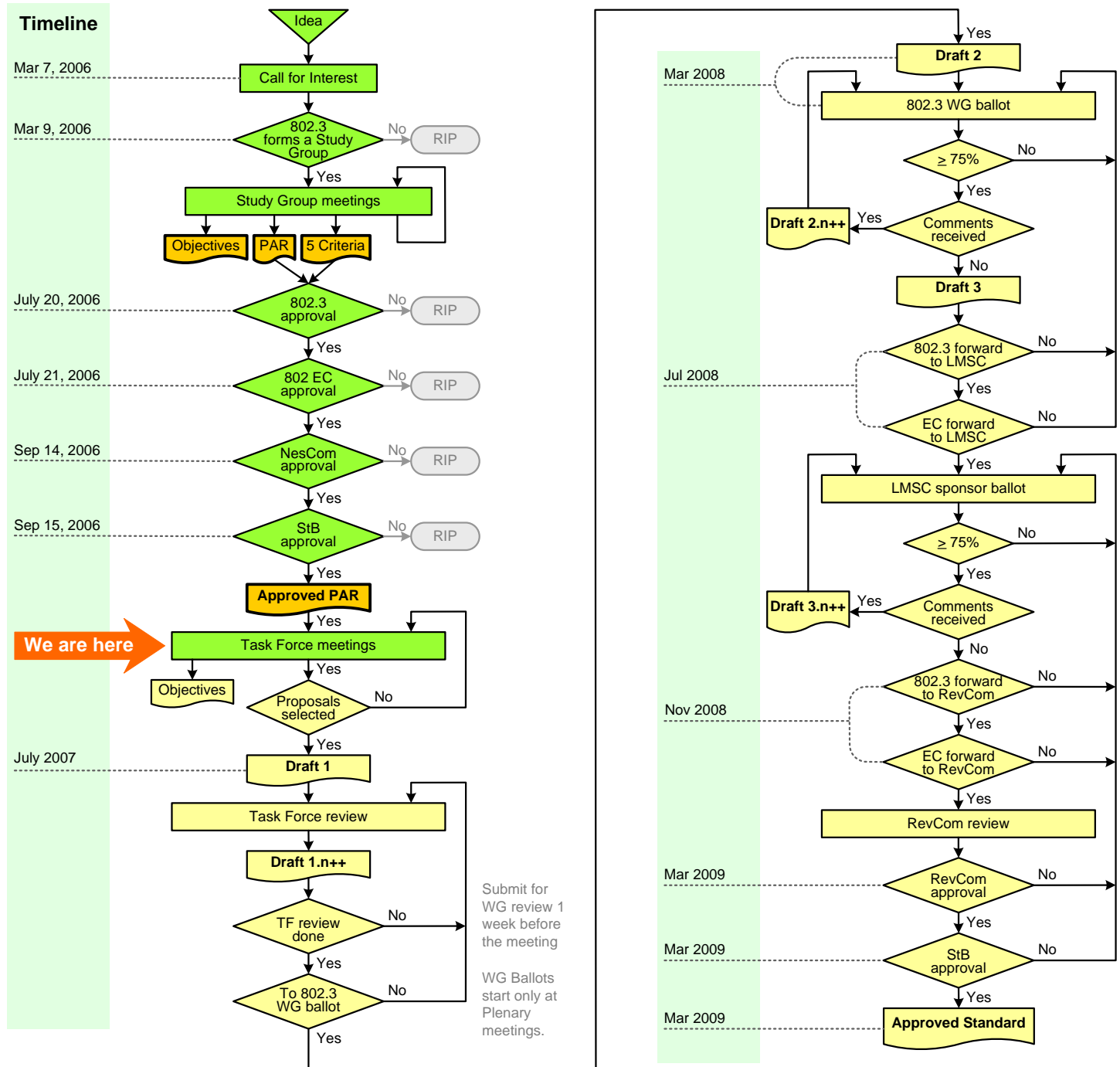
Inappropriate Topics for IEEE WG Meetings

- Don't discuss the validity/essentiality of patents/patent claims
- Don't discuss the cost of specific patent use
- 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>

This slide set is available at <http://standards.ieee.org/board/pat/pat-slideset.ppt>

Task Force Timeline



September 18, 2006

Schedule for Monday AM, September 18, 2006

Start	Finish	Presenter	Company	Title
9:00 AM	9:15 AM	Glen Kramer		Information, Welcome, Introductions
9:15 AM	9:30 AM	Bob Grow		Task Force organizational matters
9:30 AM	10:30 AM	Glen Kramer		Approval of Agenda, Approval of Minutes, Patent Policy
10:30 AM	10:45 AM	Coffee Break		
Backward Compatibility/Co-existence/Wavelength plan				
10:45 AM	11:30 AM	Haim Ben-Amram	PMC Sierra	Requirements for 10G/1G EPON Coexistence
11:30 AM	11:45 AM	Marek Hajduczenia	Siemens	Coexistence between 10GEPON and 1GEPON
11:45 AM	12:05 PM	Shinji Tsuji	Sumitomo	Issues for wavelength allocation
12:05 PM	1:30 PM	Lunch		

Schedule for Monday PM, September 18, 2006

Start	Finish	Presenter	Company	Title
12:05 PM	1:30 PM	Lunch		
1:30 PM	1:45 PM	Keiji Tanaka	KDDI R&D	Possible approach to select a wavelength plan
FEC Algorithms/Gain/Overhead				
1:45 AM	2:00 PM	Ryan Hirth	Teknovus	Enhanced FEC
2:00 PM	2:15 PM	Mitsunobu Kimura	Hitachi	FEC Gain Requirement for 10GE PON Downstream
2:15 PM	2:30 PM	Hiroataka Wada	NEC	FEC Considerations for 10Gbps EPON System
2:30 PM	2:50 PM	Frank Effenberger	Huawei	10Gb/s EPON FEC (part I)
2:50 PM	3:15 PM	Coffee Break		
3:15 PM	3:35 PM	Fumio Daido	Sumitomo	Additional FEC Considerations for symmetric 10GE PON
Ad Hoc Activities				
3:35 PM	--			

Schedule for Tuesday AM, September 19, 2006

Start	Finish	Presenter	Company	Title
FEC Framing/Line Rates				
9:00 AM	9:30 AM	Jeff Mandin	PMC Sierra	Framing and integration for Stream-based FEC
9:30 AM	9:45 AM	Ryan Hirth	Teknovus	FEC Line Rate
9:45 AM	10:05 AM	Frank Effenberger	Huawei	10Gb/s EPON FEC (part II)
MPCP and 10Gbps				
10:05 AM	10:20 AM	Glen Kramer	Teknovus	MPCP Timing and 64b/66b Line Coding
10:20 AM	10:45 AM	Coffee Break		
Power budgets/Transceivers/Optics				
10:45 AM	11:00 AM	Marek Hajduczenia	Siemens	Long reach 10GEAPON PHY (≥ 20 km)
11:00 AM	11:30 AM	Marek Hajduczenia	Siemens	Various approaches to 10GEAPON PHY: issues and tradeoffs
11:30 AM	11:55 AM	Frank Chang	Vitesse	10Gb/s EDC SMF
11:55 AM	1:30 PM	Lunch		

Motion to Approve the Agenda

Future IEEE 802 Meetings

2006

March 5-10	Hyatt Regency Denver at the Colorado Convention Center, Denver, Colorado USA
July 16-21	Grand Hyatt Manchester, San Diego, CA USA
November 12-17	Hyatt Regency Dallas, TX USA

2007

March 11-16	Caribe Royale, Orlando Florida USA
July 15-20	Hyatt Regency San Francisco, CA USA
November 11-16	Hyatt Regency Atlanta, GA USA

2008

March 16-21	Hyatt Regency New Orleans, Louisiana USA
July 13-18	Hyatt Regency Denver at the Colorado Convention Center, Denver, Colorado USA
November 9-14	Hyatt Regency Dallas, TX USA