

Agenda and General Information

IEEE 802.3
400 Gb/s Ethernet Study Group
Applications Ad hoc

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Applications Ad Hoc Teleconference

Agenda

- Thanks to IEEE-SA for hosting call / webex!
- Reflector and Web
- Ground Rules
- IEEE Guidelines for IEEE-SA Meetings
 - <https://development.standards.ieee.org/myproject/Public/mytools/mob/preparslides.pdf>
- Presentations
 - D'Ambrosia / Law – 100GbE / 400GbE Broad Market Potential
 - D'Ambrosia - Broad Market Potential – Proposed Responses

Reflector and Web

- To subscribe to the 400G reflector, send an email to:

ListServ@ieee.org

with the following in the body of the message (do not include “<>”):

*subscribe stds-802-3-400G <yourfirstname> <yourlastname>
end*

- Send 400G reflector messages to:

STDS-802-3-400G@listserv.ieee.org

- Task Force web page URL:

<http://www.ieee802.org/3/400GSG/index.html>

- Ad hoc area URL:

<http://www.ieee802.org/3/400GSG/public/adhoc/index.shtml>

Ground Rules

- Based upon IEEE 802.3 Rules
 - Foundation based upon Robert's Rules of Order
 - Anyone in the room may speak
 - Anyone in the room may vote
- **RESPECT**... give it, get it
- NO product pitches
- NO corporate pitches
- NO prices!!!
 - This includes costs, ASPs, etc. no matter what the currency
- NO restrictive notices

Guidelines for IEEE-SA Meetings

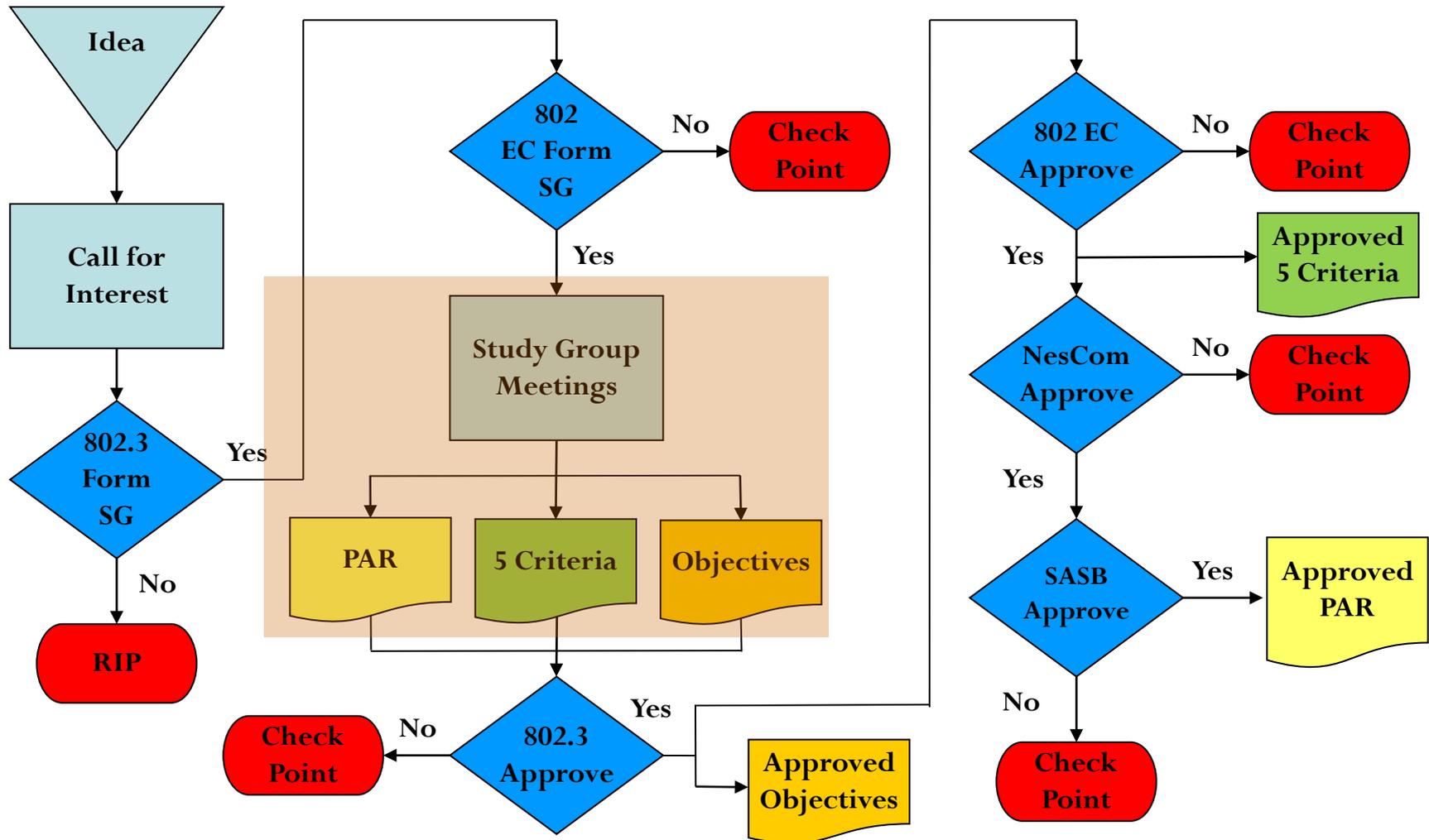
- All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.
- Don't discuss the interpretation, validity, or essentiality of patents/patent claims.
- Don't discuss specific license rates, terms, or conditions.
 - Relative costs, including licensing costs of essential patent claims, of different technical approaches may be discussed in standards development meetings.
 - Technical considerations remain primary focus
- Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.
- Don't discuss the status or substance of ongoing 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/about/sasb/patcom/index.html>

See *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and "Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy" for more details.

This slide set is available
at <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt>

Overview of IEEE 802.3 Standards Process (1/5)- Study Group Phase



Note: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

Adopted Objectives

- Support a MAC data rate of 400 Gb/s *
- Support a BER of better than or equal to 10^{-13} at the MAC/PLS service interface (or the frame loss ratio equivalent) ***
- Support full-duplex operation only *
- Preserve the Ethernet frame format utilizing the Ethernet MAC *
- Preserve minimum and maximum FrameSize of current Ethernet standard *
- Provide appropriate support for OTN *
- Specify optional Energy Efficient Ethernet (EEE) capability for 400 Gb/s PHYs *
- Support optional 400 Gb/s Attachment Unit Interfaces for chip-to-chip and chip-to-module applications **
- Provide physical layer specifications which support link distances of:
 - At least 100 m over MMF ***
 - At least 500 m over SMF ***
 - At least 2 km over SMF ***
 - At least 10 km over SMF ***

* Adopted by SG July 2013. Not approved by IEEE 802.3 WG

** Adopted by SG Sept 2013. Not approved by IEEE 802.3 WG

*** **Adopted by SG Nov 2013. Not approved by IEEE 802.3WG**

Thank You!