

# 25 Gb/s Ethernet Over Single-Mode Fiber: Status & Plan

David Lewis - Lumentum  
Study Group Chair

Ad hoc meeting 04/20/2016

# Transition to Task Force

- Where we are now?
- What needs to be done before Whistler?
- What we hope to achieve in Vancouver
  - Hear (adopt?) baseline proposals
  - Instruct editor to prepare D1.0 including baselines

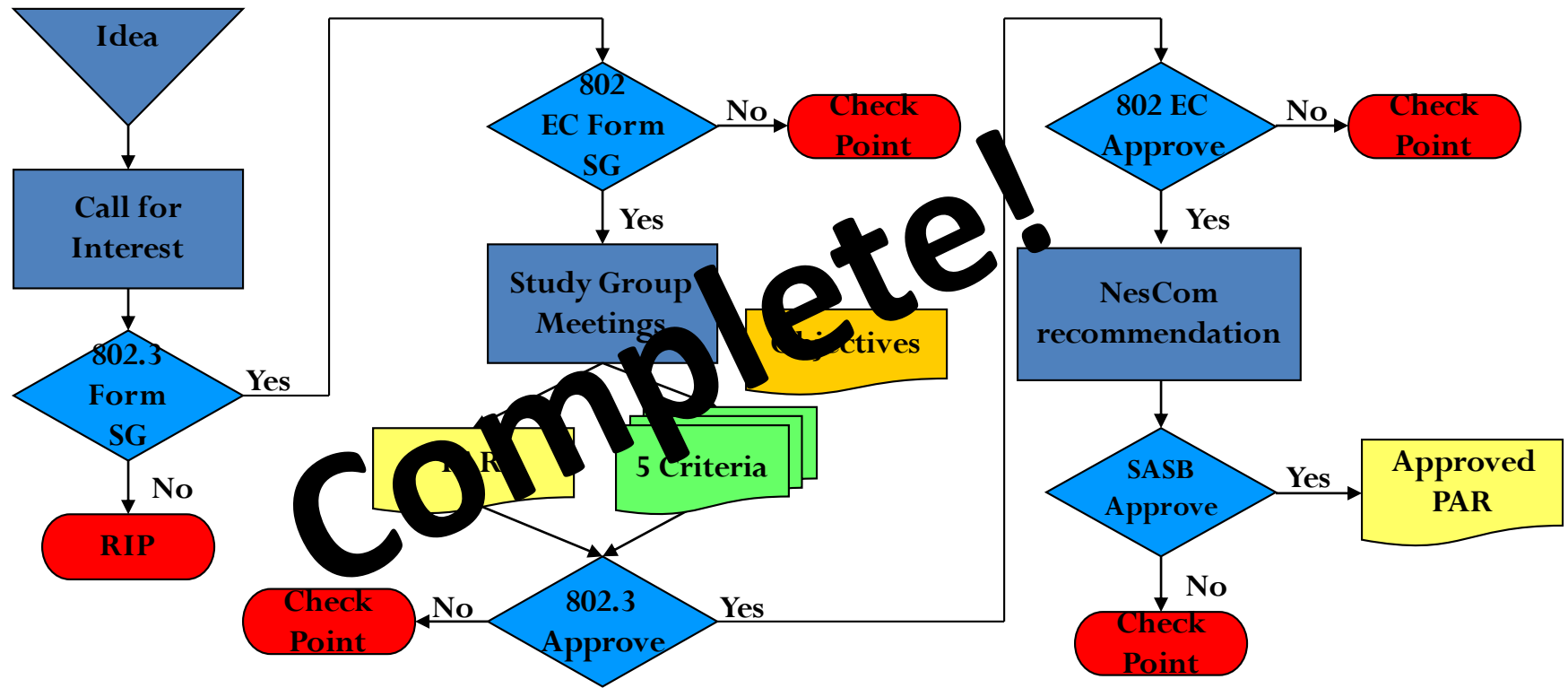
# Where are we now?

## Results of EC meeting (March 23 email from David Law)

The IEEE 802 EC approved the IEEE P802.3cc CSD response and the submittal of the IEEE P802.3cc PAR to NesCom. I therefore submitted the IEEE P802.3cc PAR and it is now on the 2nd May NesCom agenda.

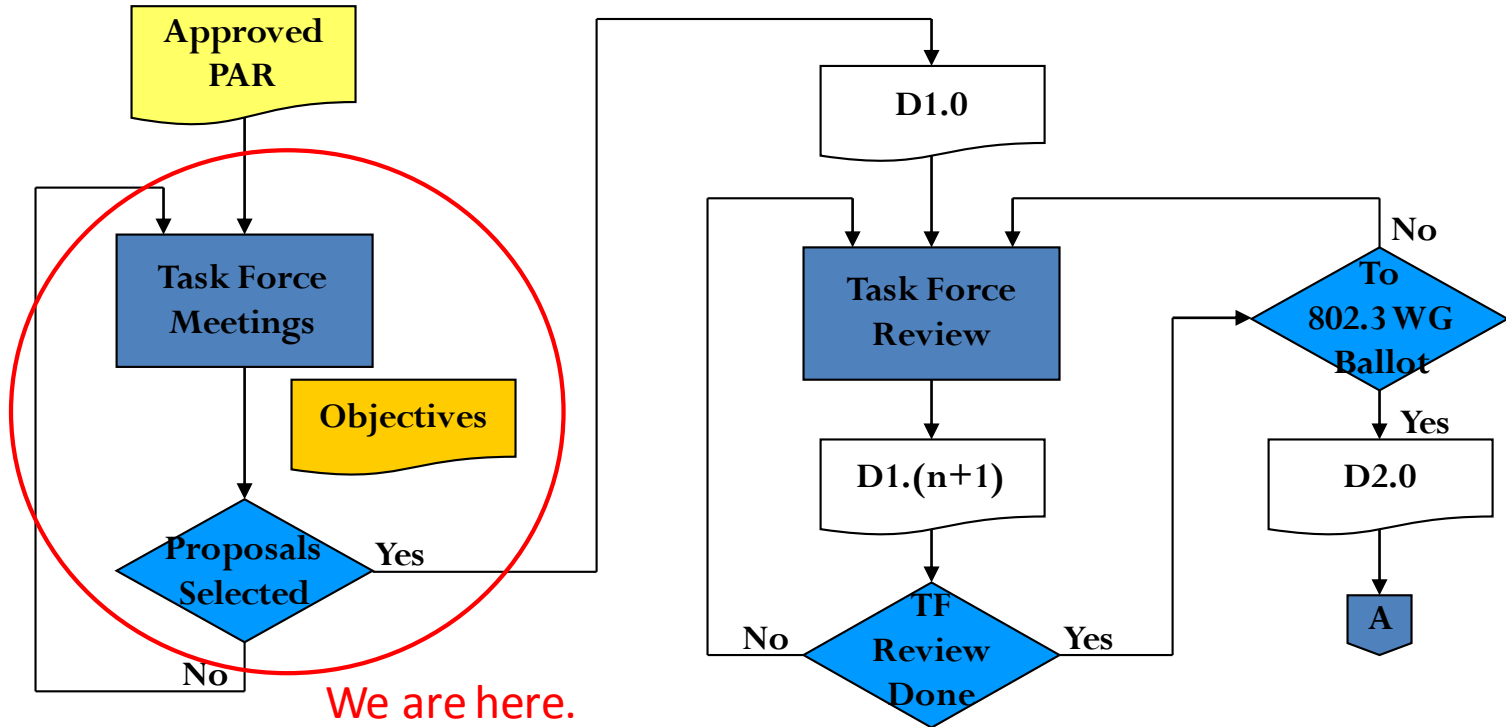
- Assuming no problems, we will become the P802.3cc task force and have our first meeting in Whistler, BC on May 24<sup>th</sup>.

# 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.

# Overview of IEEE 802.3 Standards Process (2/5) – Task Force Comment Phase



# What needs to happen before May 24th?

- Announce the meeting & request presentations (D. Lewis)
- Prepare draft timeline (D. Lewis)
- Prepare an outline of the D1.0 document (K. Tamura)
- Identify which parameter values need to be included in baseline proposals. (

# What are the goals for May 24<sup>th</sup> meeting?

- Our first meeting as a Task Force
  - Review project schedule
  - Review technical presentations
  - Review proposed baseline text (non-technical)
  - Evaluate any proposals – adopt?

## Example 1<sup>st</sup> TF meeting for 802.3bg

This project had conflicting proposals for baselines but was able to resolve them at this meeting and generate D1.0 by the following meeting.

### General Information

[Agenda and General Information](#) (474K)

20-May 10

[Confirmed Meeting Minutes](#)

13-July 10

Mark Nowell

Cisco

Jeff Maki

Juniper

### Technical Proposals

[Proposal for 1310nm 40GbE SMF PMD](#) (968K)

26-May 10

Jon Anderson

Opnext

[40GE PMD Target](#) (1.4M)

26-May 10

Li Junjie

Zeng Li

Gu Yuan

China Telecom

Huawei Technologies

ZTE

[Operation of existing 40G serial at 1310 nm](#)

(13K)

20-May 10

Pete Anslow

Ciena

[Optical Power Budgets](#) (261K)

20-May 10

Pete Anslow

Ciena

[Wavelength and reach choices](#) (346K)

20-May 10

Jonathan King

Finisar

[In Module Deskew Function and Budget](#)

(489K)

20-May 10

Song Shang

Semtech

[Comment on Receiver Jitter Tolerance](#) (149K)

20-May 10

Song Shang

Semtech

[40GE Serial Jitter Testing Considerations](#)

(41K)

20-May 10

Norbert Folkens

JDSU

[Remaining TBDs to be resolved](#) (18K)

31-May 10

Pete Anslow

Ciena

### Procedural Proposals

[Thoughts on Naming the New PMD](#) (111K)

20-May 10

John D'Ambrosia

Force10 Networks

[IEEE P802.3bg Task Force Comment Tool](#)

Tutorial (109K)

31-May 10

Wael Diab

Broadcom