Agenda and General Information

IEEE 802.3

25 Gb/s Ethernet over single-mode fiber Study Group Meeting

David Lewis, Lumentum

Macau, China, March 14th, 2016

Agenda

- Welcome and Introductions
- Approve Agenda
- Approve Minutes from November SG meeting
  - http://www.ieee802.org/3/25GSMF/public/1601_Atlanta/tamura_25GSMF_SG_minutes_160118a_unapproved.pdf
- Reflector and Web
- Ground Rules
- IEEE
  - Structure, Bylaws and Rules
  - Call for Patents
  - IEEE Standards Process
- Crash course on Study Groups
- Goals for this meeting
- Big Ticket Items
- Meeting Schedule
- Motions and Closing Business
- Future Meetings

Request for Formation of Study Group (as per November 2015 Plenary Motion)

MOTION #27

Move that the IEEE 802.3 WG form a study group to develop a PAR and CSD for: "25 Gigabit/s Ethernet PMD(s) for single mode fiber"

M: D. Lewis S: K. Tamura

> 50%

Y: 68, N: 0, A: 4

Passed 12-November 2015, 6:29 pm

Study Group organization

- Chair: David Lewis, Lumentum

- Recording Secretary: Kohichi Tamura, Oclaro

- Ad hoc chair: Peter Jones, Cisco

Reflector and Web

- To subscribe to the 25Gb/s Ethernet Study Group reflector, send an email to:

  ListServ@ieee.org

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

  subscribe stds-802-3-25GSMF *<yourfirstname> <yourlastname>*

  end

- Send 25Gb/s Ethernet reflector messages to:

  stds-802-3-25GSMF@listserv.ieee.org

- Study Group web page URL:

  http://www.ieee802.org/3/25GSMF/index.html

Study Group Decorum

- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (December 2013 IEEE-SA Standards Board Ops Manual 5.3.3.5)
- Photography or recording by permission only (December 2013 IEEE-SA Standards Board Ops Manual 5.3.3.4)
- Cell phone ringers off
- Wear your badges at all times in meeting areas
  - Help the hotel security staff improve the general security of the meeting rooms
  - **PCs HAVE BEEN STOLEN** at previous meetings
  - **DO NOT** assume that meeting areas are secure
- Please observe proper decorum in meetings

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

Attendance

- Tutorial Material on attendance tool
  - http://ieee802.org/3/minutes/attendance_proced ures.pdf
- Access details
  - URL: http://imat.ieee.org/
  - Use your imat login
    - (must be on meeting SSID – no VPN)

IEEE Structure
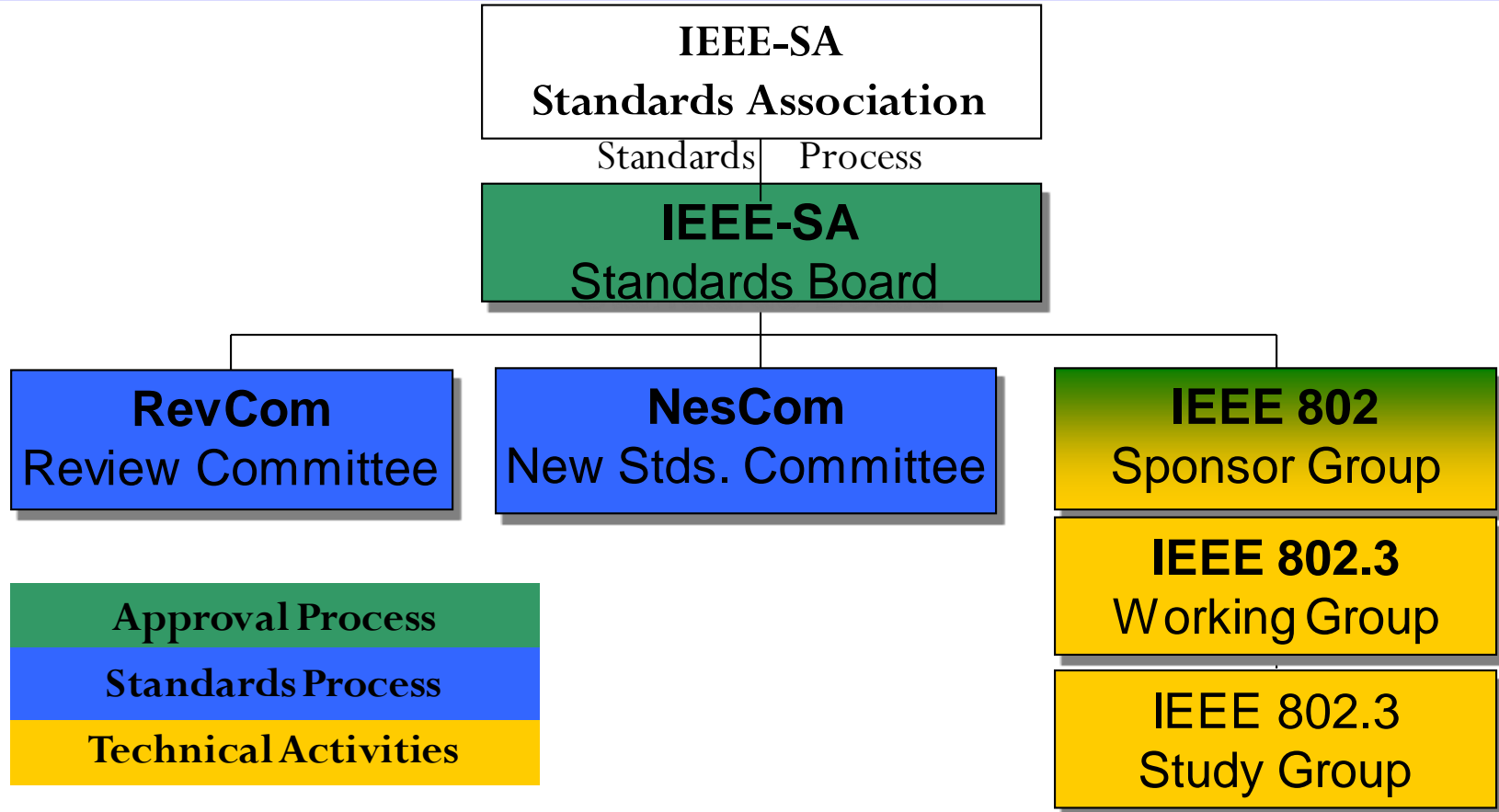
Important Bylaws and Rules

- **IEEE-SA Operations Manual**
  - http://standards.ieee.org/develop/policies/sa_opman/

- **IEEE-SA Standards Board Bylaws**
  - http://standards.ieee.org/develop/policies/bylaws/

- **IEEE-SA Standards Board Operations Manual**
  - http://standards.ieee.org/develop/policies/opman/

- **IEEE 802 LAN/MAN Standards Committee (LMSC) Policies and Procedures**
  - http://standards.ieee.org/about/sasb/audcom/pnp/LMSC.pdf

- **IEEE 802 LAN/MAN Standards Committee (LMSC) Operations Manual**
  - http://www.ieee802.org/devdocs.shtml

- **IEEE 802 LAN/MAN Standards Committee (LMSC) Working Group (WG) Policies and Procedures**
  - http://www.ieee802.org/devdocs.shtml

- **IEEE 802.3 Working Group Operating Rules**
  - http://ieee802.org/3/rules/P802_3_rules.pdf

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
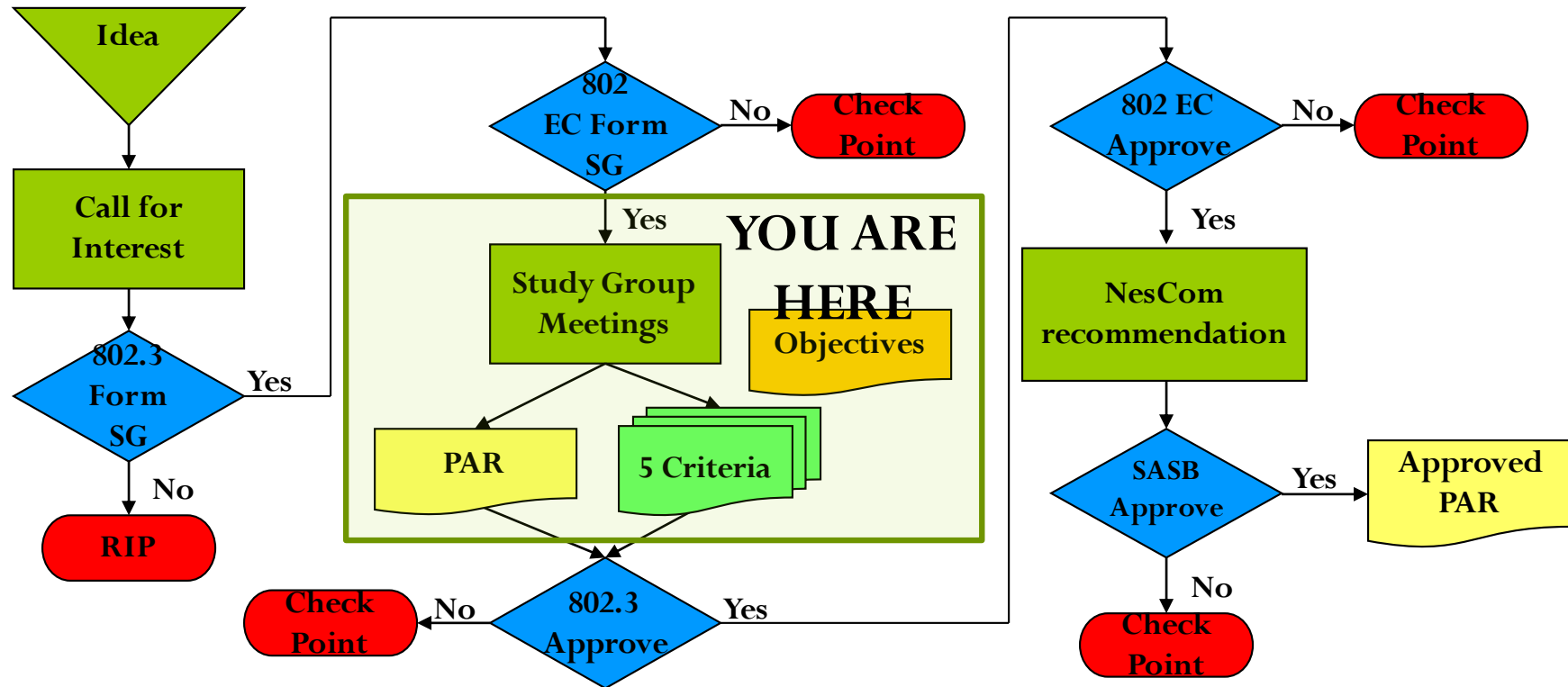
See IEEE-SA Standards Board Operations Manual, clause 5.3.10 and "Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy" for more details. This slide set is available at https://development.standards.ieee.org/myproject/Public/mytools/mob/preparslides.ppt
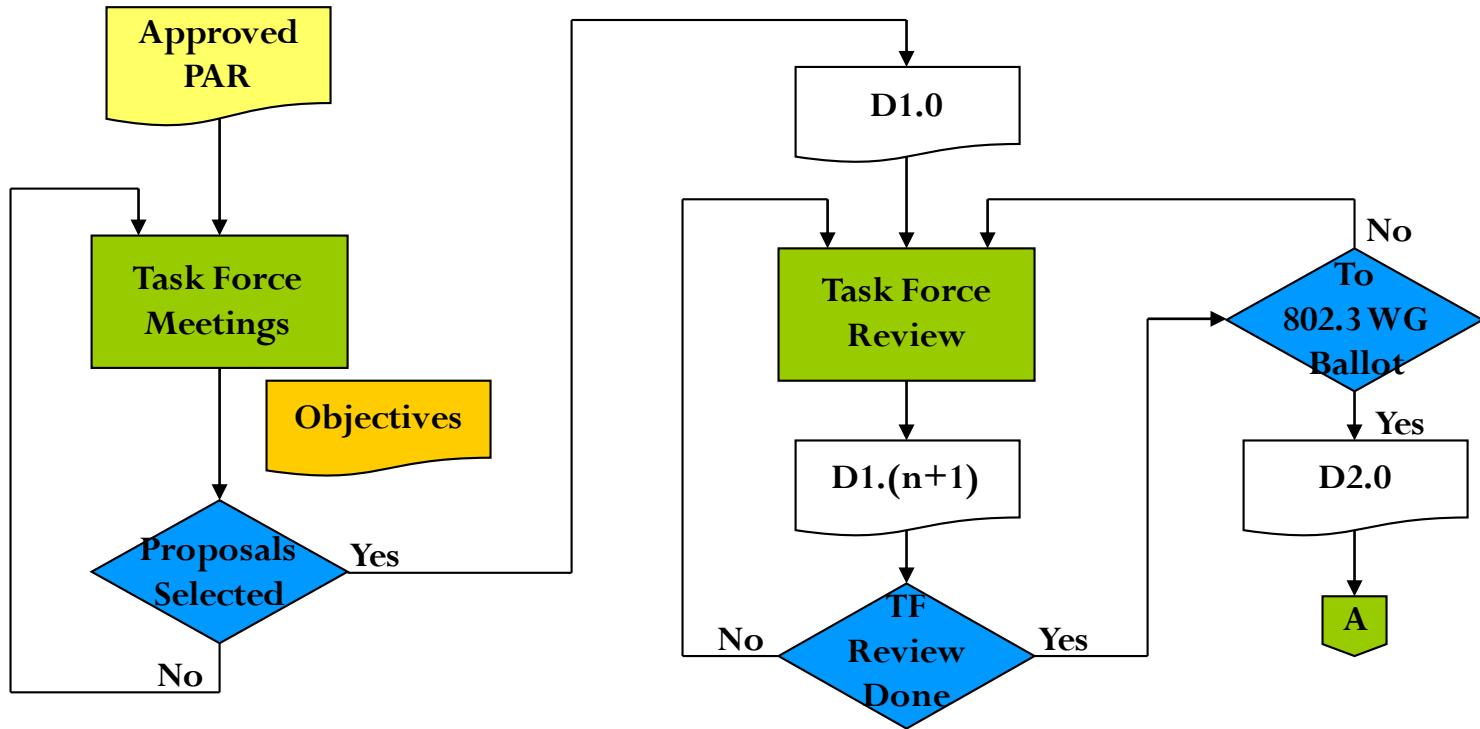
March 2015
IEEE-SA Standards Board Patent Committee

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

A

802.3 WG BALLOT

TF Resolves Comments

D2.(n+1)

Substantive Changes — Yes

In Scope New Negatives — Yes

No

No

≥ 75% — Yes → No

Check Point

802.3 Forward to Sponsor Ballot — No → A

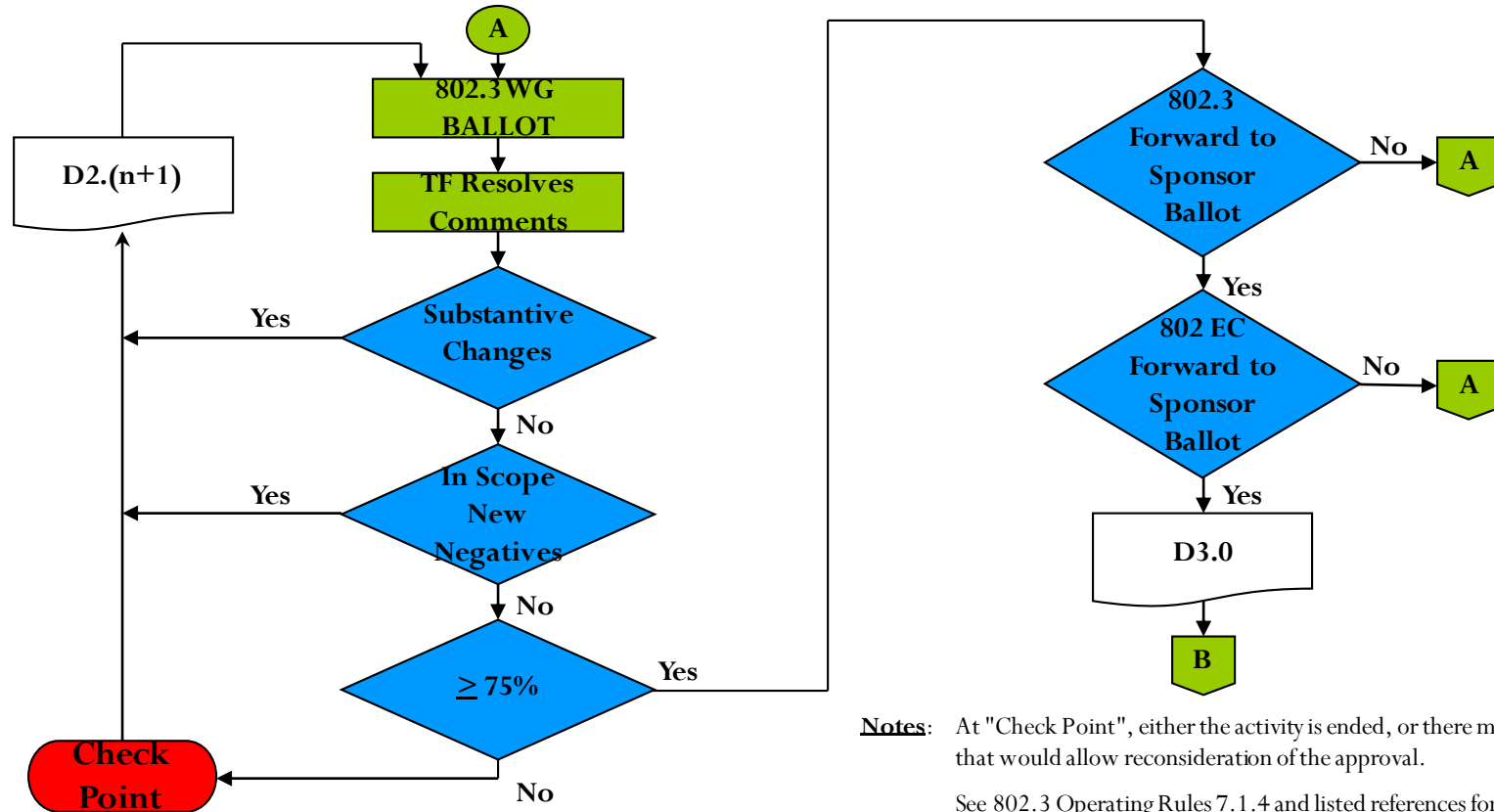Yes

802 EC Forward to Sponsor Ballot — No → A

Yes

D3.0

B

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

See 802.3 Operating Rules 7.1.4 and listed references for complete description

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

See 802.3 Operating Rules 7.1.5 and listed references for complete description
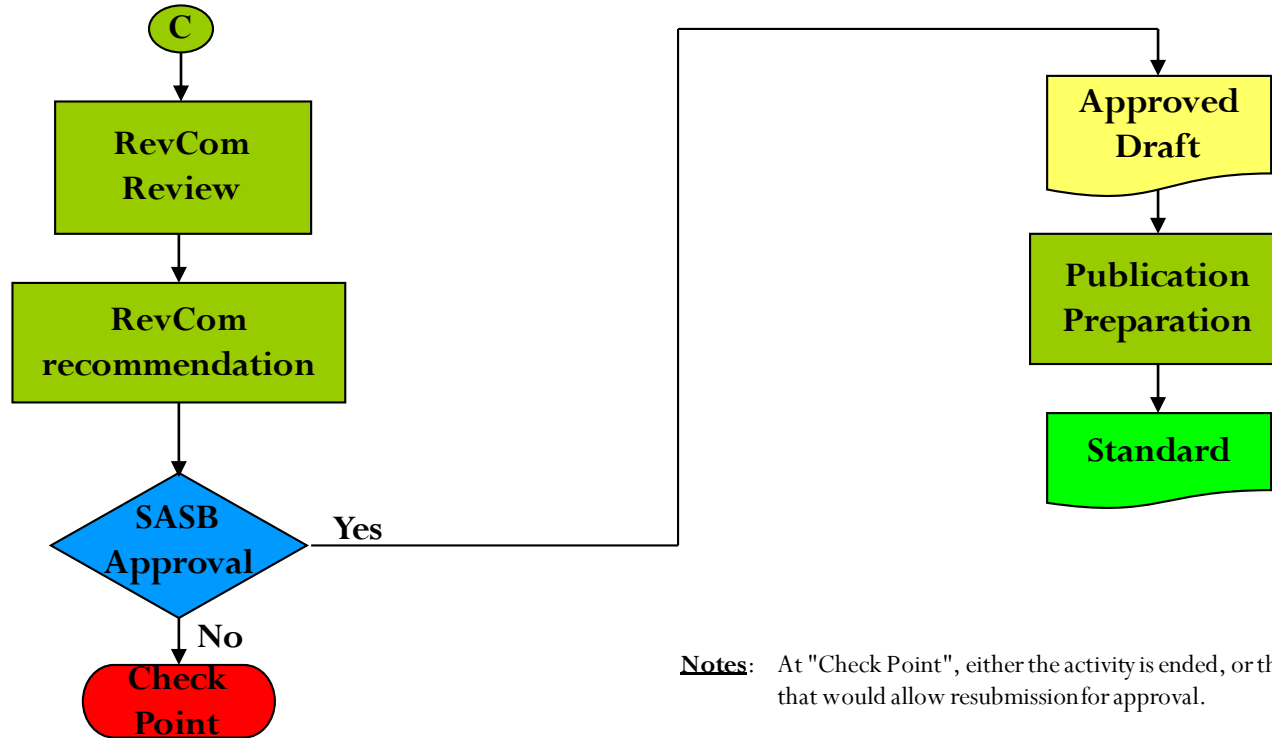
Overview of IEEE 802.3 Standards Process (5/5) – Final Approvals / Standard Release

Notes: At "Check Point", either the activity is ended, or there may be various options that would allow resubmission for approval.

Crash course on Study Group goals

For an excellent overviews of the Study Group activities please refer to:

Overview of the Process – Wael Diab
http://www.ieee802.org/3/400GSG/public/13_05/diab_400_01_0513.pdf

Review of the 5 Criteria – Howard Frazier
http://www.ieee802.org/3/400GSG/public/13_05/frazier_400_01_0513.pdf

Guidelines for Project Objectives – Howard Frazier
http://www.ieee802.org/3/400GSG/public/13_05/frazier_400_02_0513.pdf

The following slides are taken from these excellent presentations

What does the Study Group produce?

- **5 Criteria**
  - Broad Market Potential, Compatibility, Distinct Identity, Technical Feasibility, Economic Feasibility
- **PAR**
  - Your "contract" with the IEEE-SA and "authorization" to develop a standard
  - Broadly focuses on what the standard is that group will work on including scope, purpose, broad timeline (not a project plan)
  - Good idea to look at examples of prior projects
- **Objectives**
  - Your "contract" with 802.3
  - At a high level it is what the group will work on (and what it will not)
  - Somewhat more specific than the scope in the PAR

From:
Overview of the Process – Wael Diab
http://www.ieee802.org/3/400GSG/public/13_05/diab_400_01_0513.pdf

Final Thoughts

- Goal is to get to a Task Force

- To do that, focus on
  - Producing the objectives
  - Producing the PAR
  - Producing the 5 criteria
  - Work on building consensus
  - Leave the rest of it to the Task Force phase
    - Plenty of time to work on solutions
    - Plenty of time to debate the text of the solutions

From:
Overview of the Process – Wael Diab
http://www.ieee802.org/3/400GSG/public/13_05/diab_400_01_0513.pdf

Goals for the SG meeting

- Review/Refine/Complete/Modify the set of objectives for the Study Group
- Review feedback from other WGs on our documentation
- Review/Refine/Complete/Modify responses for the CSD (Criteria for Standards Development) as necessary
- Review/Refine/Complete/Modify the PAR
- Review presentations substantiating the above

Meeting Map

	Mon			Tues				Wed		Thurs	Fri
8:00			802.3by**						50G NGOATH**		
8:30								802.3bs**			50G NGOATH**
9:00				802.3bs Logic*	802.3bs Optics*	802.3bs Electrical Interface*					
9:30											
10:00	802.3 Opening										
10:30											
11:00											
11:30										802.3bs***	
12:00	Lunch			Lunch				Lunch		Lunch	Lunch
12:30											
13:00	802.3bs	25G SMF**	802.3by**	802.3bs			50G NGOATH**		50G NGOATH**	25G SMF**	802.3 Closing
13:30											802 EC
14:00											
14:30											
15:00											
15:30											
16:00											
16:30											
17:00											
17:30	Dinner			Dinner							
18:00											
18:30				CFI - Ethernet YANG Models				IEEE 802 Social			
19:00	ECDC #1	ECDC #2									
19:30											
20:00											
20:30											
21:00											
21:30											

* - times to be announced by respective chair / track chair

** - times to be announced by respective SG / TF Chair

*** - to start following close of 50G/NGOATH Meeting

IEEE 802.3

Meeting Schedule

Time	Presenter	Affiliation	Title	File Name	Duration
1:00 PM	David Lewis	Lumentum	Agenda and General Information	agenda_25gsmf_01_0316.pdf	
	Peter Jones	Cisco	25GSMF Ad-hoc report	jones_25gsmf_01_0316.pdf	
	Kohichi Tamura	Oclaro	An approach to 25 GbE SMF 10km specification	tamura_160314_10km_25GSMF	
	Kohichi Tamura	Oclaro	An approach to 25 GbE SMF 40km specification	tamura_160314_40km_25GSMF	
	David Lewis	Lumentum	Review of comments on project documentation	lewis_25gsmf_01_0316.pdf	
	Straw polls & motions				
	Adjourn				

Note – Times listed are subject to change.

Updated versions will be captured with new filename versions

Future Meetings & Ad hocs

- Ad-hoc meeting plans
  - Single on-going weekly meetings, all topics (will cycle) – agendas will be published. 90 mins.
  - Wed 2-3:30 Pacific proposed

- See: http://www.ieee802.org/meeting/index.htm
- May 2016 Interim
  - Week of May 23rd, 2016 – Whistler, B.C., Canada
- July 2016 Plenary
  - Week of July 24th, 2016 – San Diego, CA

- Anyone interested in hosting a interim meeting contact me or the IEEE 802.3 Executive Secretary Steve Carlson.

Thank You!