

Agenda and General Information

IEEE 802.3 Gigabit Ethernet over Plastic Optical Fiber
Study Group

Robert M. Grow
RMG Consulting
Norfolk, VA, USA
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Agenda

- Welcome and Introductions
- Appointment of Recording Secretary
- Approve Agenda
- Confirmation of SG Chair (timing per availability of WG Chair)
- General Information
- Liaisons and Communications
- Presentations
- Motions
- Next meeting
- Adjourn

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

Goals for the meeting

- Presentations
 - Why do a GEPOF project
 - Market and technical requirements for GEPOF
 - Is a GEPOF PHY feasible
- Work on project objectives
- Work on and possibly approve project documents for submission to IEEE 802
 - PAR
 - CSD (including 5 Criteria)

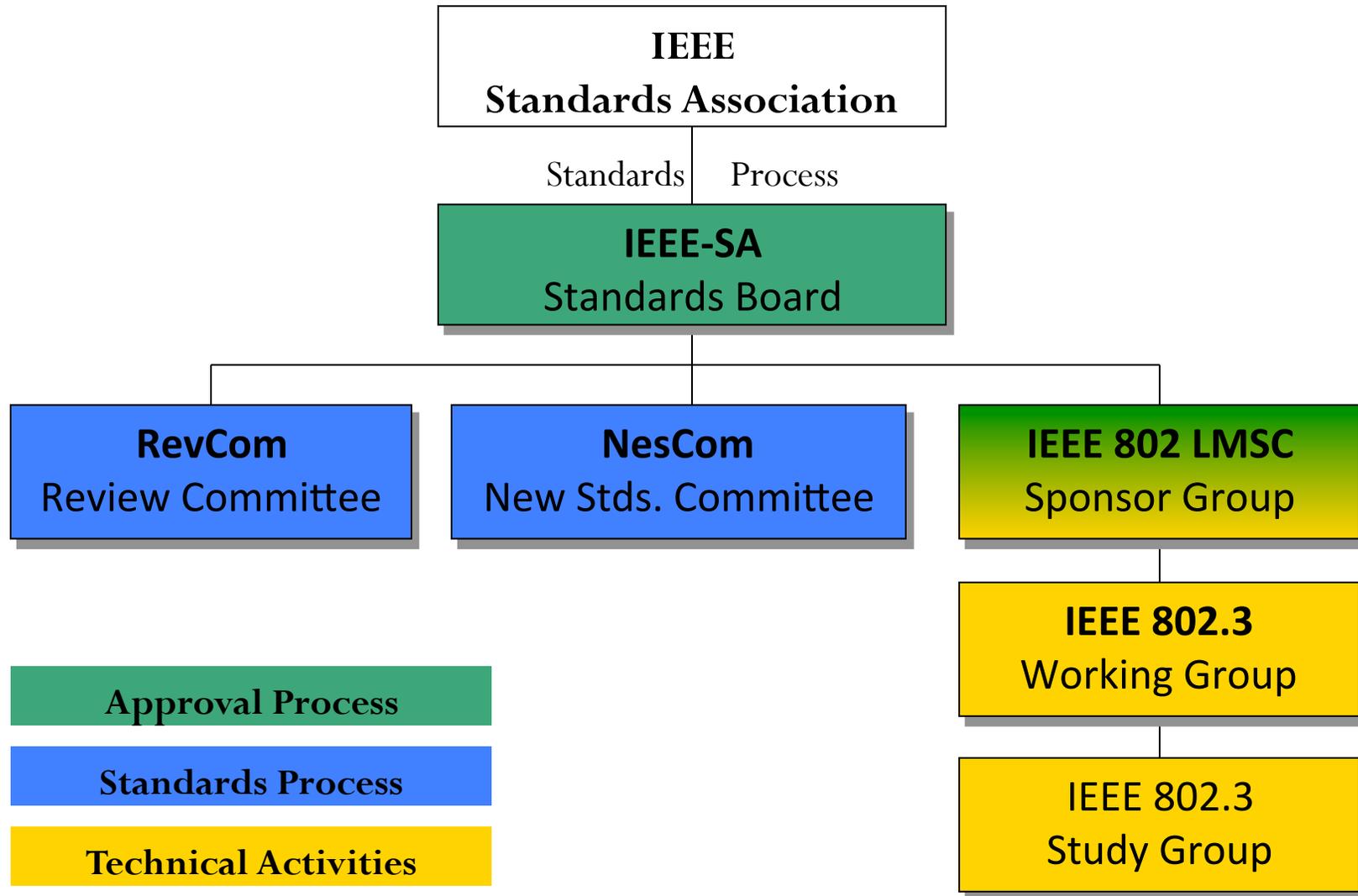
Reflector and web

- To subscribe to the GEPOF reflector, send an email to:
ListServ@ieee.org
with the following in the body of the message (do not include “<>”):
subscribe stds-802-3-GEPOF <yourfirstname>
<yourlastname>
end
- Send GEPOF reflector messages to:
stds-802-3-GEPOF@listserv.ieee.org
- Study Group web page URL:
http://www.ieee802.org/3/GEPOFSG/index.html

Ground rules

- Follow governing rules
 - Procedures use Robert's Rules of Order as a guide
 - 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

IEEE-SA 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.

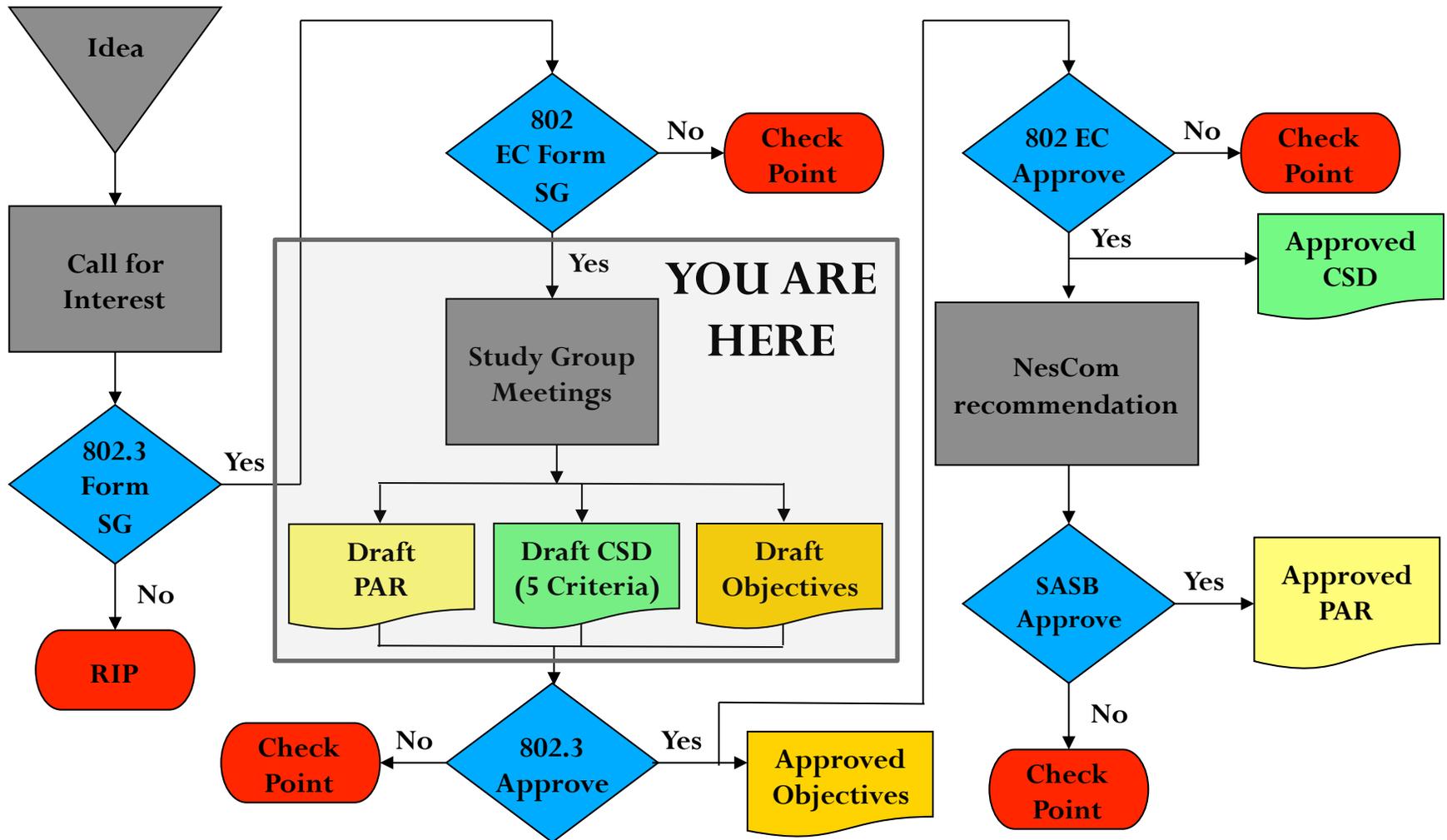
If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <http://standards.ieee.org/about/sasb/patcom/index.html>

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/slideset.ppt>

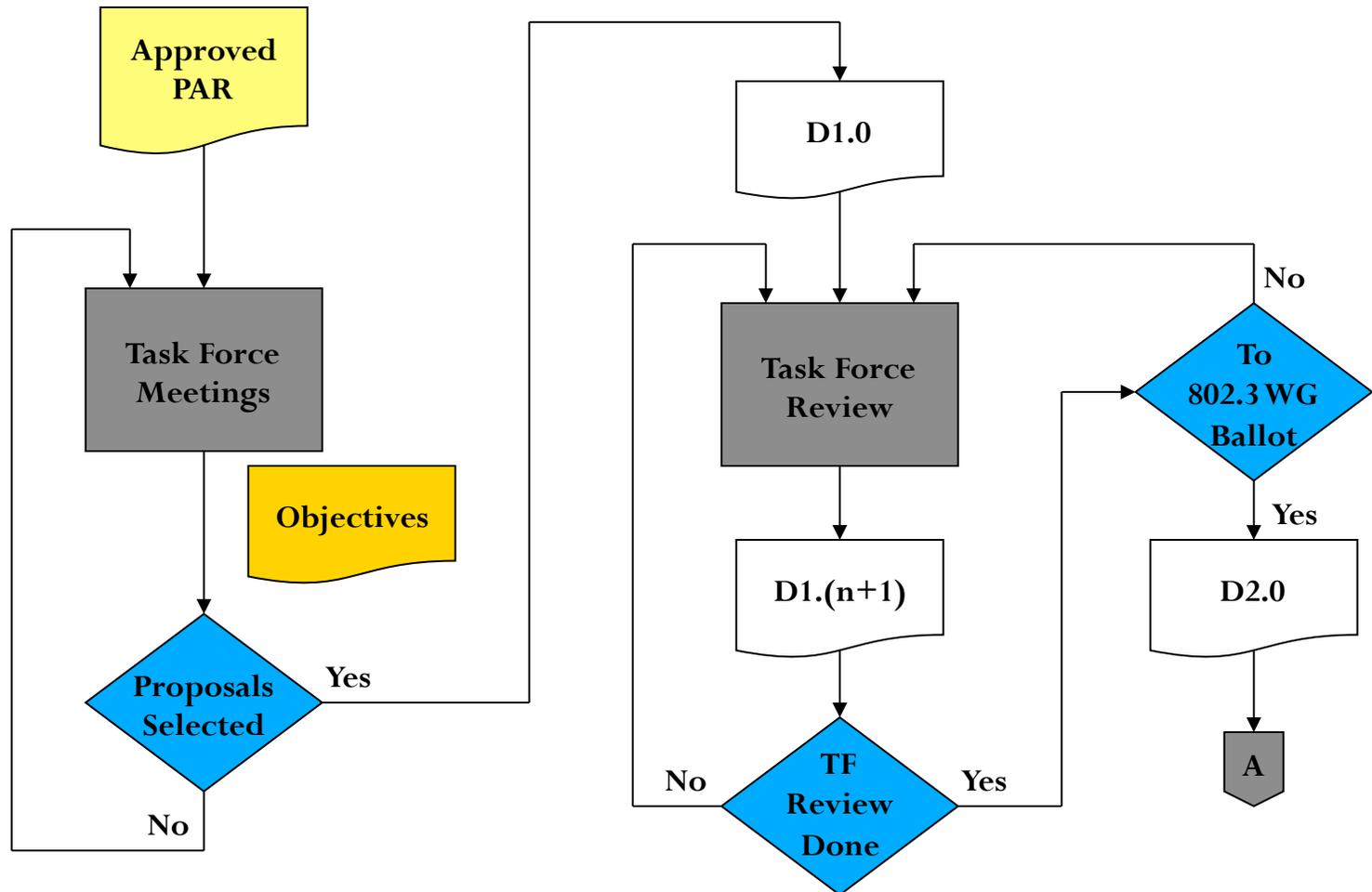


Overview of IEEE 802.3 Standards Process (1/5)- Study Group Phase

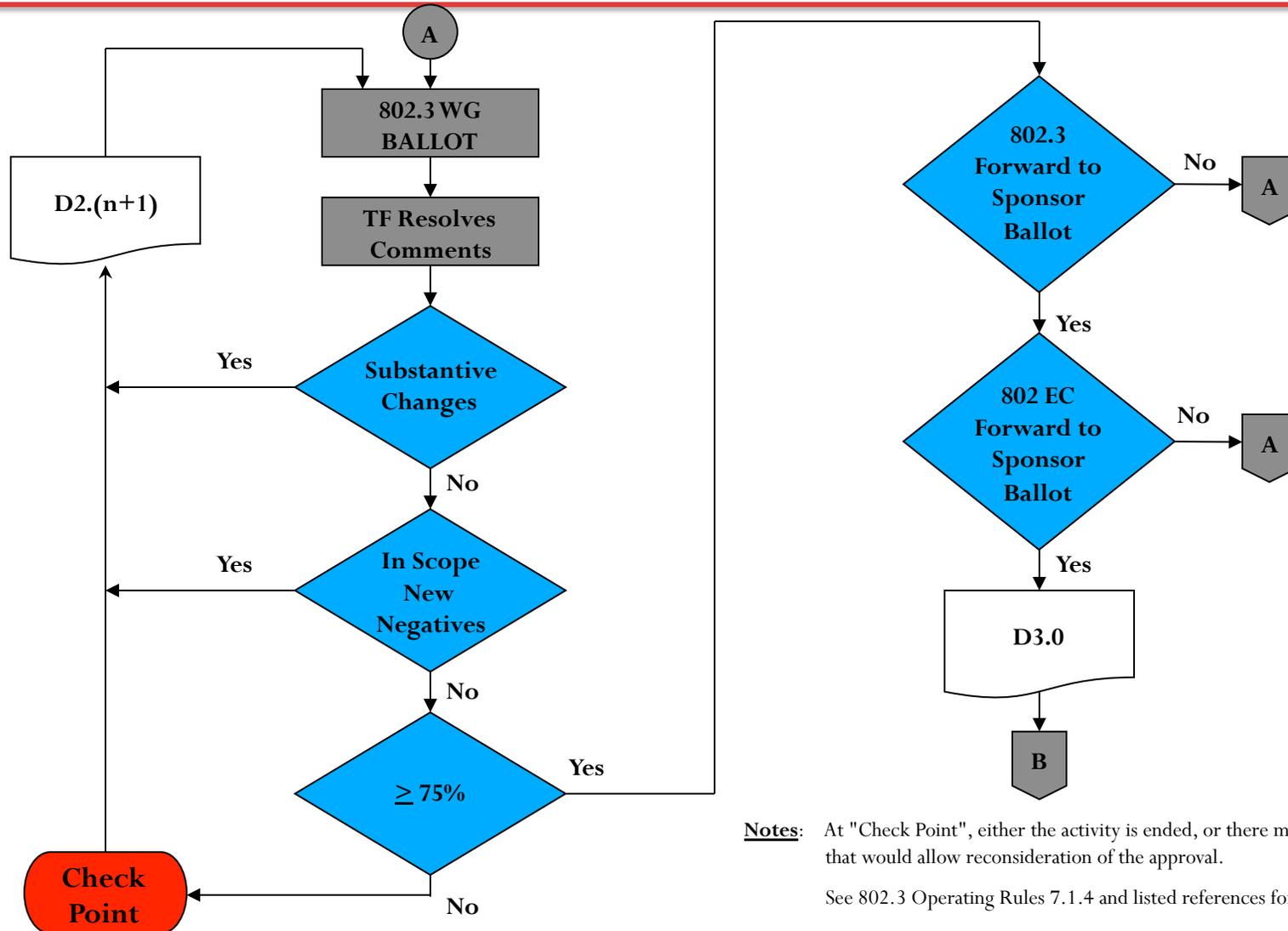


Note: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

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

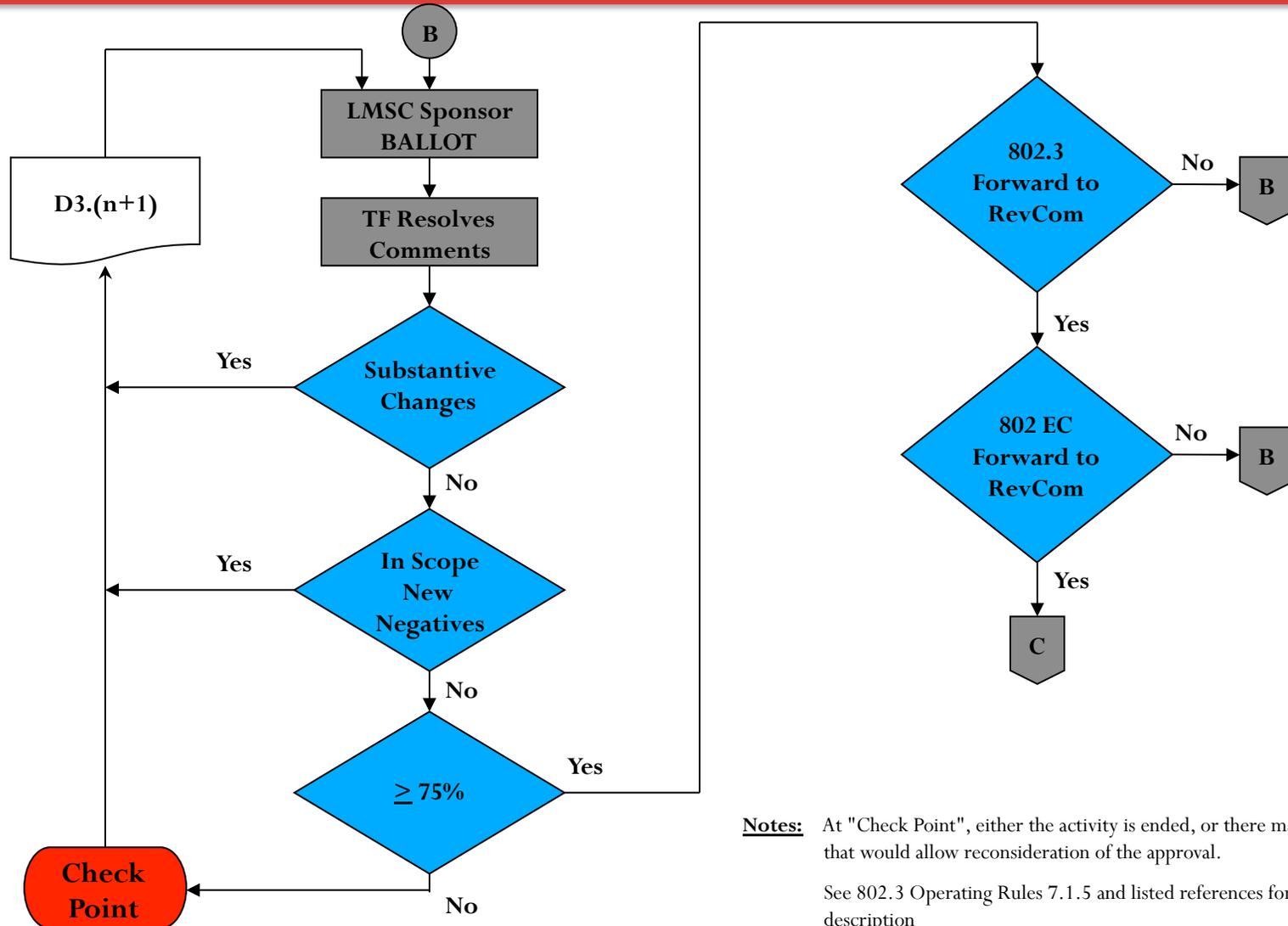


Overview of IEEE 802.3 Standards Process (3/5) – Working Group Ballot Phase



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

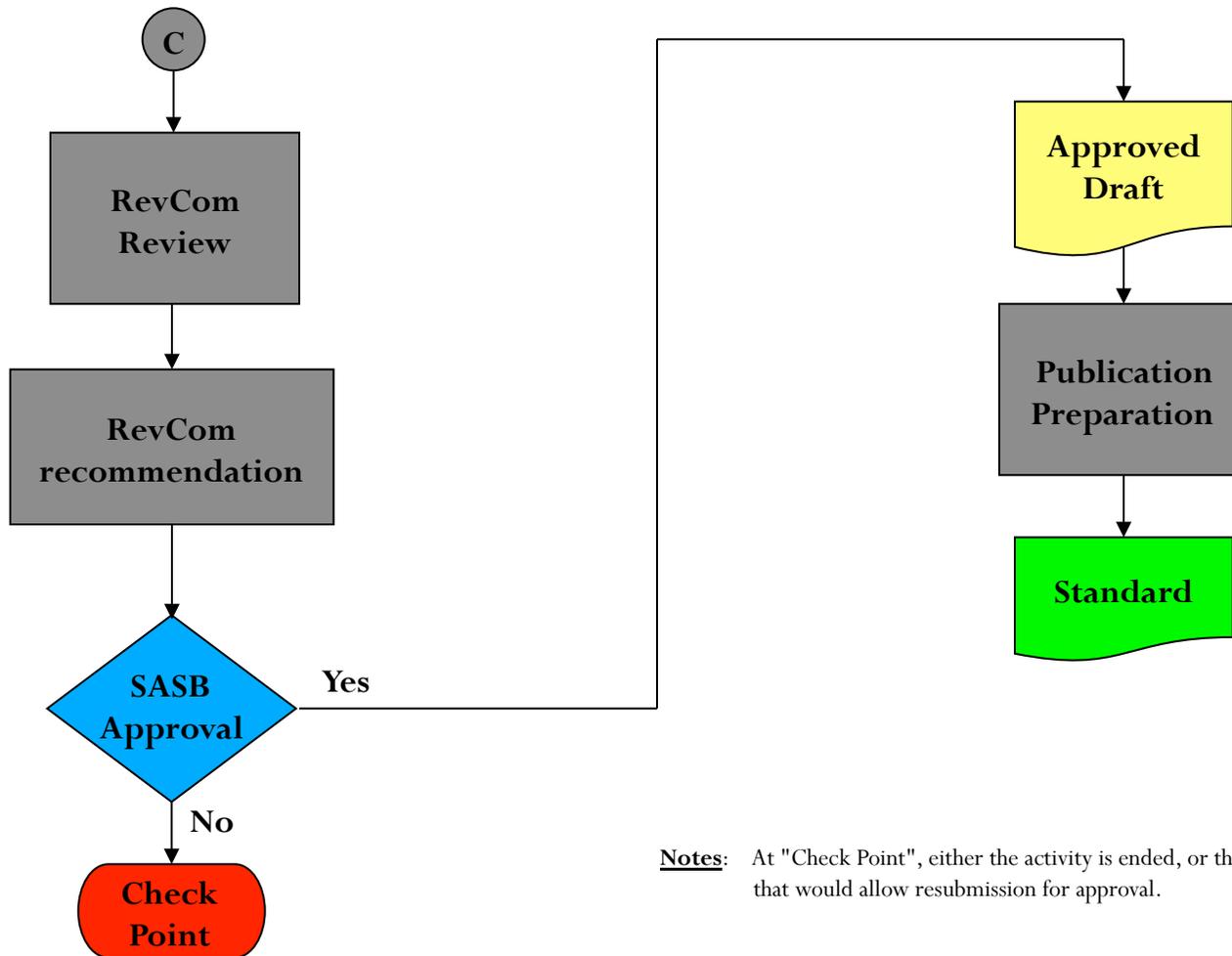
Overview of IEEE 802.3 Standards Process (4/5)- Sponsor Ballot Phase



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.

Study Group

- Normal function is to draft a complete PAR and Criteria For Standards Development (CSD) which includes the Five Criteria responses
- Optionally provide a plenary week tutorial to the LMSC
- Gain project approval at the IEEE 802.3 WG, IEEE 802 EC, IEEE-SA NesCom and IEEE-SA Standards Board.
- SG only exists for 6 months
 - Extensions can be requested
 - Voted on by IEEE 802.3
 - Ratified by IEEE 802 EC
- Development of Objectives helps set the goals for the Task Force
- Consensus required to move forward
- Not a goal – choosing a solution!

Charter of this study group

Authorize formation of a Study Group to develop a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) document for Gigabit Ethernet over Plastic Optical Fibre.

Liaisons and Communications

- None

Attendance

- Tutorial Material on attendance tool
 - http://ieee802.org/3/minutes/nov13/1113_imat.pdf
- Access details
 - URL: <http://imat.ieee.org/>
 - (For interim) Password will be provided

Note: Password does not appear in version of slides posted on the public web site.

Monday

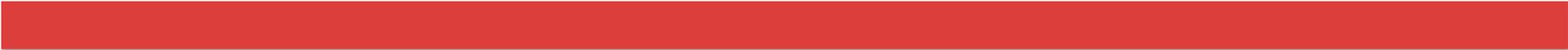
Time	Presenter	Employer/Affiliation	Title	File Name
8:45	Study Group organization			
9:05	Bob Grow	RMG Consulting / KDPOF	Agenda and General Information	Agenda_GEPOF_1_0514
9:50	Shigeru Kobayashi	TE Connectivity	GEPOF for Automotive / O-GEAR	Kobayashi_GEPOF_1_0514
10:10			Break	
10:30	Carlos Pardo	KDPOF	Home Networking Use Cases	Pardo_GEPOF_2_0514
11:00	Carlos Pardo	KDPOF	Comparison of electrical and optical transmission for Ethernet v. 1.0	Pardo_GEPOF_1_0514
12:00	Rubén Pérez-Aranda	KDPOF	Link Budget Requirements for Gigabit Ethernet over POF	Perez_GEPOF_1_0514
12:30			Lunch	
13:45	Rubén Pérez-Aranda	KDPOF	Optical Transmitter Characteristics	Perez_GEPOF_2_0514
14:15	Rubén Pérez-Aranda	KDPOF	Optical Receiver Characteristics	Perez_GEPOF_3_0514
14:45	Naoshi Serizawa	Yazaki	Gigabit Ethernet for Automotive Industry	Serizawa_GEPOF_01_0514
15:00	Lawrence Thorne	Firecomms	Market Study Observations for Gigabit Ethernet over Plastic Optical Fiber	Thorne_GEPOF_1_0514
15:25			Break	
15:45	John Lambkin	Firecomms	IEEE 802.3 Gigabit Ethernet over Plastic Optical Fiber	Lambkin_GEPOF_1_0514
15:45	Yoshihiro Tsukamoto	Mitsubishi	Plastic Optical Fiber POF technology for Automotive, Home network systems	Tsukamoto_GEPOF_01_0514
16:05	Rubén Pérez-Aranda	KDPOF	Plastic Optical Fiber Characteristics	Perez_GEPOF_4_0514
16:35			Recess for the day	

Tuesday

Time	Presenter	Employer/Affiliation	Title	File Name
9:00	Rubén Pérez-Aranda	KDPOF	Shannon's Capacity Analysis of GEPOF	Perez_GEPOF_5_0514
9:30	Bob Grow	RMG Consulting/KDPOF	Project Documents Overview	Grow_GEPOF_2_0514
10:15			Break	
10:35	Discussion, straw polls, motions		Criteria for Standards Development	DraftCSD_GEPOF_1_0514
12:05			Lunch	
13:20			Project Authorization Request	PARfields_GEPOF_1_0514 DraftPAR_GEPOF_1_0514
13:50	Carlos Pardo	KDPOF	Objectives	Objectives_GEPOF_1_0514
14:50			Break	
15:10			Objectives	Objectives_GEPOF_1_0514
15:40	Closing business			
15:50			Adjourn	

Future meetings

- See: <http://www.ieee802.org/3/interims/index.html>
- July IEEE 802 Plenary
 - San Diego, CA, USA – Manchester Grand Hyatt
 - July 14-17 (GEPOF SG meets 15-17)
- September 802.3 Interims
 - Kanata (near Ottawa), ON, Canada– Brookstreet Hotel
 - September 8-12 (GEPOF SG dates TBD)
- November IEEE 802 Plenary
 - San Antonio, TX, USA – Grand Hyatt San Antonio
 - November 3-6 (SG meets 4-6)
- Anyone interested in hosting an interim meeting contact me or the IEEE 802.3 Executive Secretary [Steve Carlson](#)



Thank You!