

Agenda and General Information

IEEE 802.3 Gigabit Ethernet over Plastic Optical Fiber
Study Group

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Agenda

- Welcome and Introductions
- Appointment of Recording Secretary
- Approve Agenda
- Approve Minutes
- General Information
- Liaisons and Communications
- Presentations
- Future plans
- 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
 - Market potential and feasibility, especially in response to objections from 802.3 members
 - Technical alternatives
 - Work on channel model
- Technical proposals
 - We can't make any technical selections during SG phase
 - We can consider possible solutions
 - Look forward to an initial draft
- Decide if we go to 802.3 and 802 for November CSD and PAR approval
 - Pick a timeline for our proposed project
 - Optionally update PAR and/or CSD documents

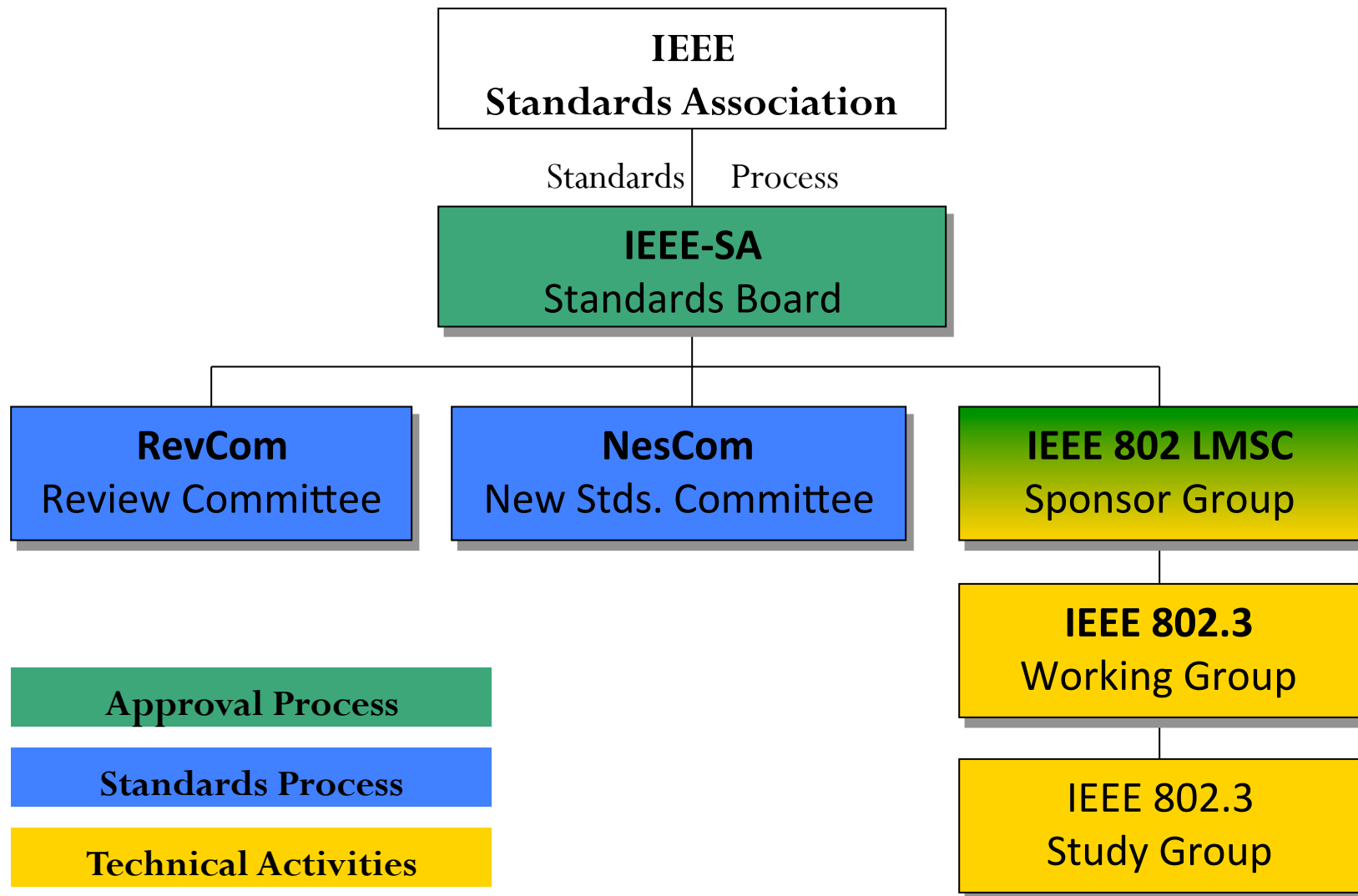
Reflector and web

- 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

- 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

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.

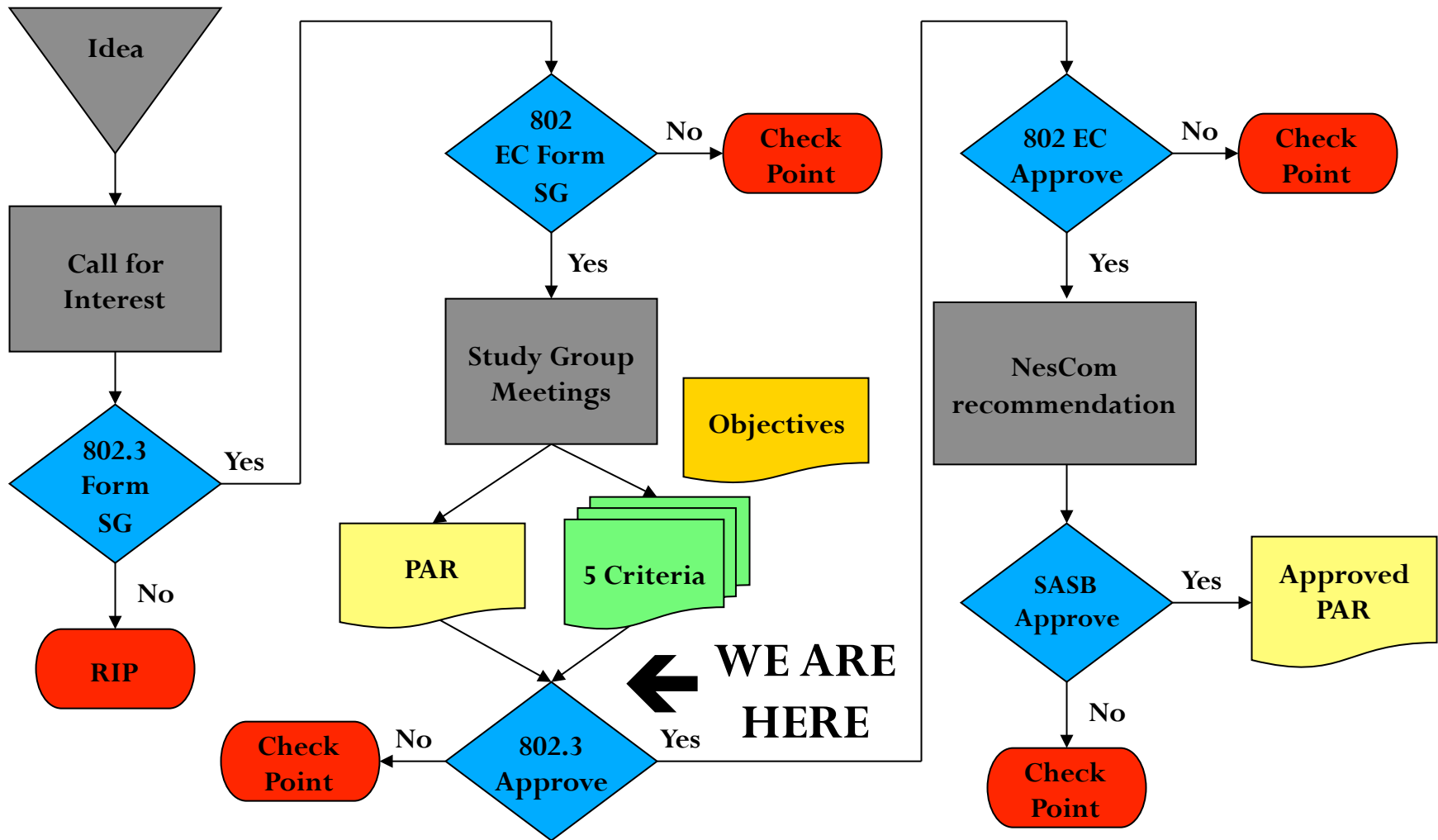
If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <http://standards.ieee.org/about/sasb/patcom/index.html>

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>

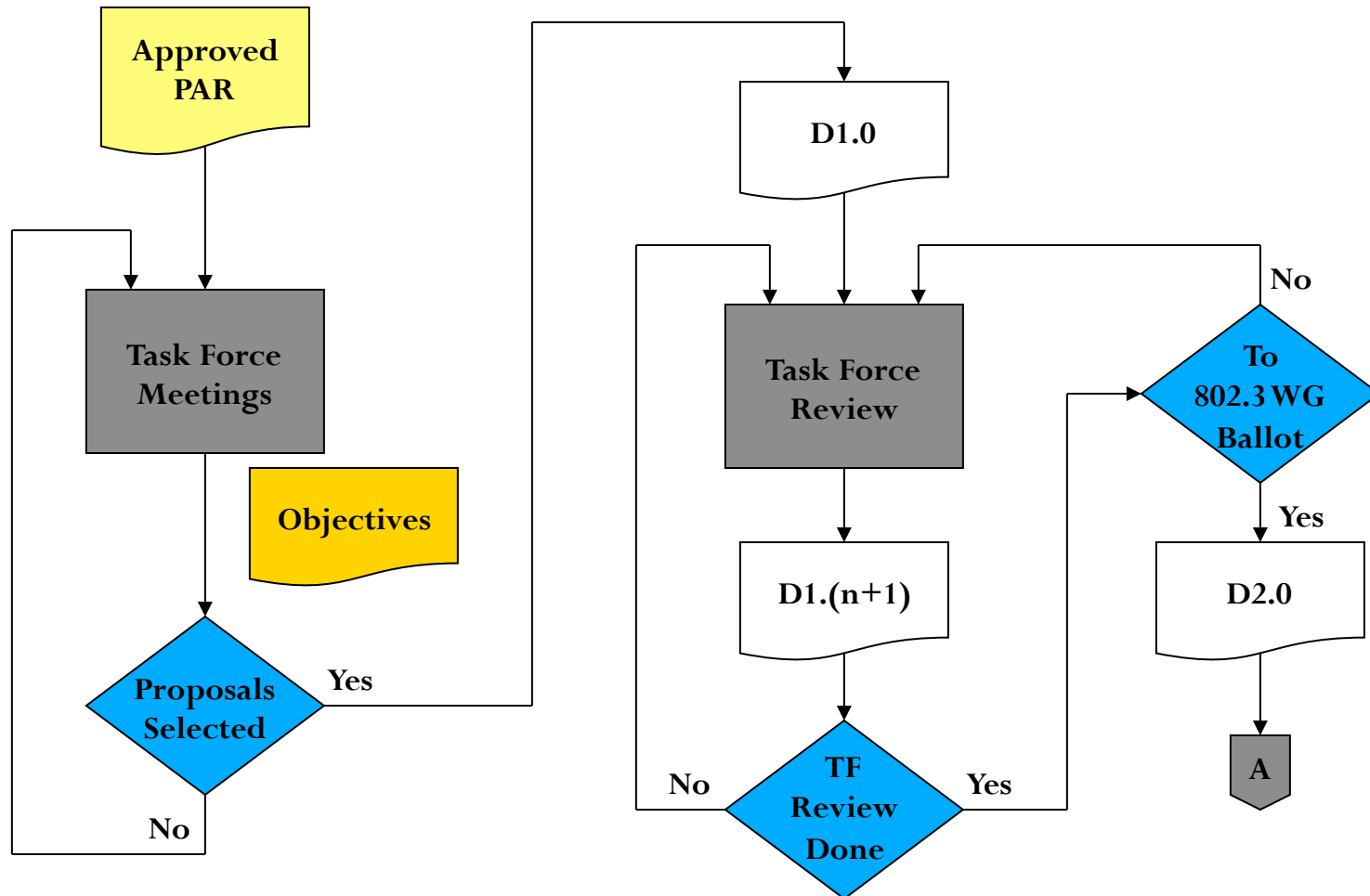


Overview of IEEE 802.3 Standards Process (1/5)- Study Group Phase

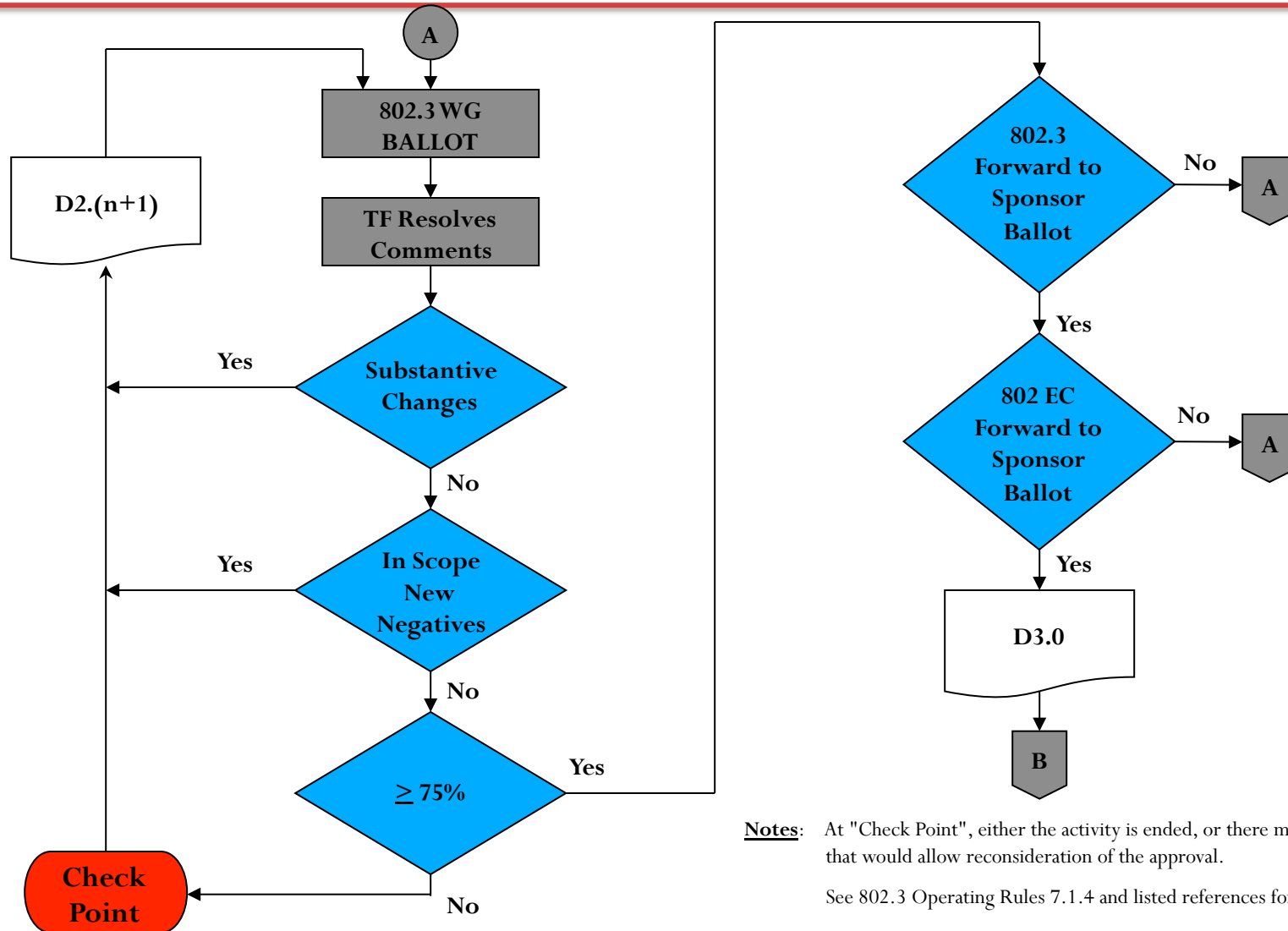


Note: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

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

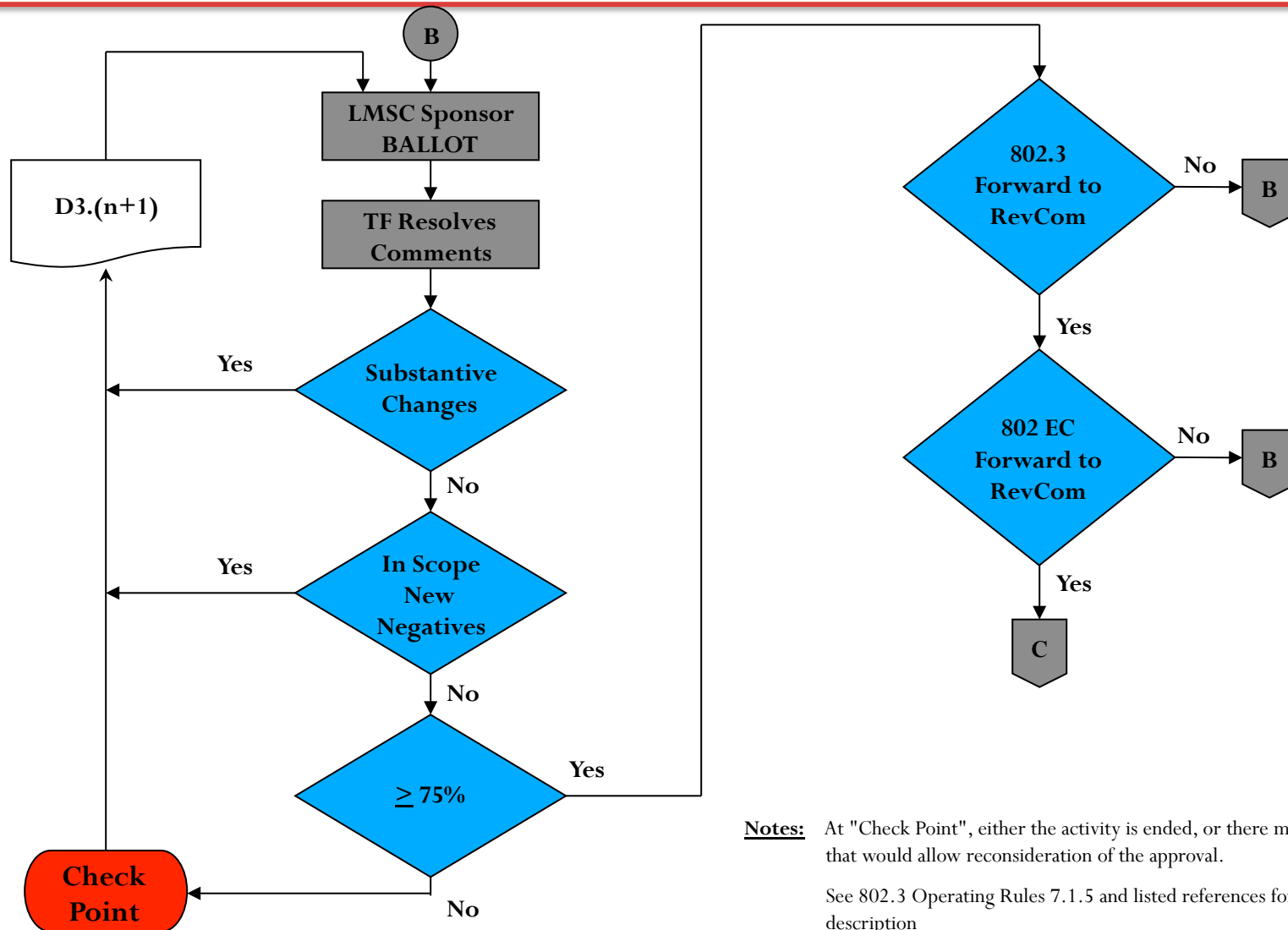


Overview of IEEE 802.3 Standards Process (3/5) – Working Group Ballot Phase



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

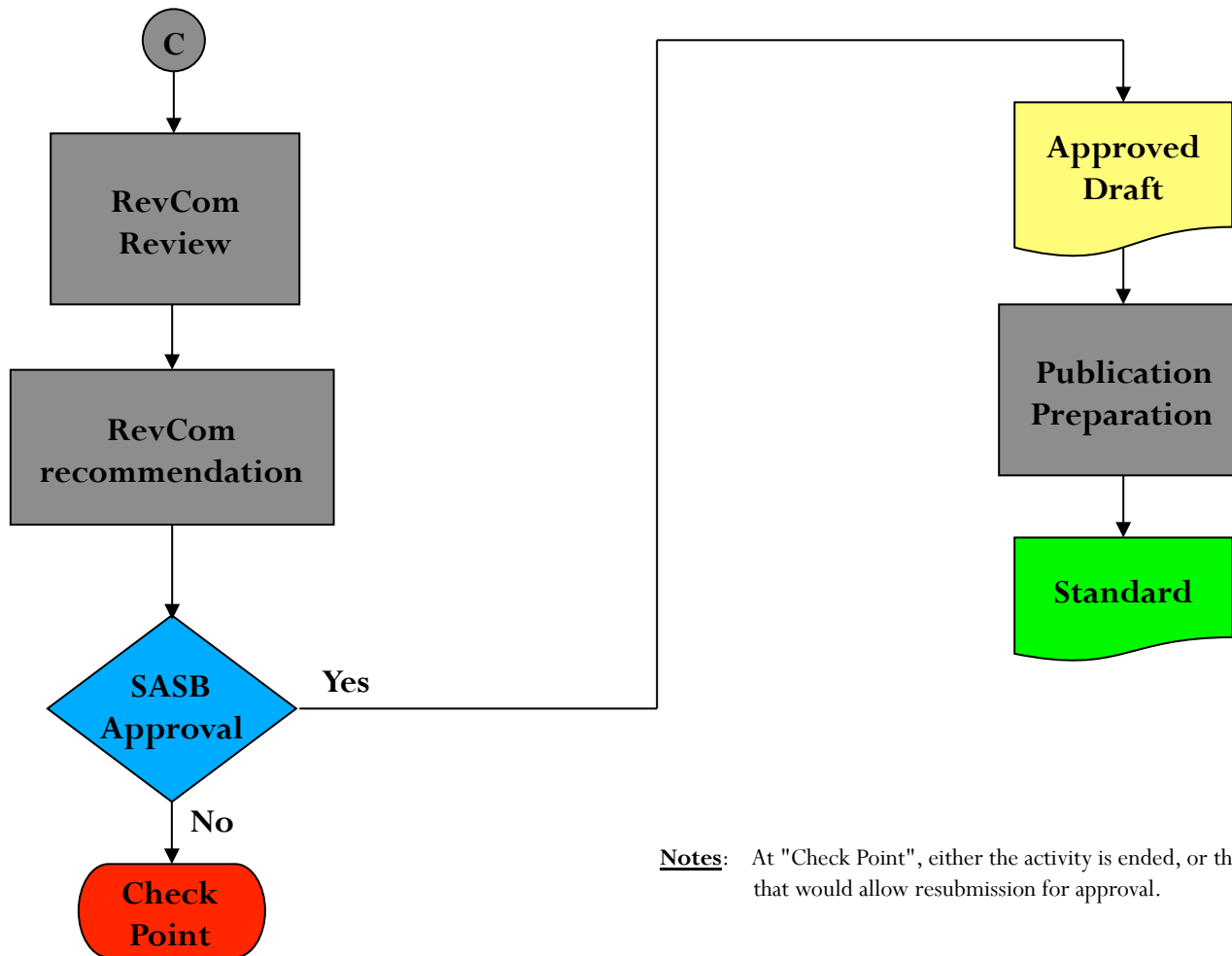
Overview of IEEE 802.3 Standards Process (4/5)- Sponsor Ballot Phase



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 Five Criteria
- Optionally provide a plenary week tutorial to the LMSC
- Gain 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://iee802.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.

Presentations

MONDAY

Time	Presenter	Employer/Affiliation	Title	File Name
8:30	Bob Grow	RMG Consulting / KDPOF	Agenda and General Information	Agenda_GEPOF_01_0914
9:15	Bernd Horrmeyer	Phoenix Contact	POF - smart solutions for automation technology	Horrmeyer_GEPOF_01_0914
10:00			Break	
10:20	Eugene Dai	Cox Communications	GEPOF for Home Networking	Dai_GEPOF_01_0914
11:00	Ruben Perez-Aranda	KDPOF	Experimental demonstration of 1 Gbps over 50 m of POF for GEPOF technical feasibility	Perez-Aranda_GEPOF_01_0914
11:40	Yoshihiro Tsukamoto, Tomonari Yoshimura	Mitsubishi Rayon Co., Ltd.	Plastic optical fiber standard	Tsukamoto_GEPOF_01a_0914
12:00			Lunch	
13:30	Thomas Lichtenegger	50m Link Measurements	Avago	Lichtenegger_GEPOF_01_0914
14:15	Eugene Dai	Cox Communications	GEPOF Reference Models	Dai_GEPOF_02_0914
14:55			Break	
15:10	Takayuki Tajima	Yazaki Corporation	Motion to remove home networking from the scope of Broad Market Potential	Tajima_GEPOF_01_0914
15:40	Review of project documents	Discussion		
16:40			Recess for the day	

Tuesday

Time	Presenter	Employer/Affiliation	Title	File Name
9:00	Discussion, straw polls, motions			
10:30			Adjourn	

Future plans

- Again ask for PAR and CSD approval:
 - Submit to 802 for November consideration?
 - If submitted to 802, also presubmit PAR to NesCom?
 - Presubmittal – Dec 8-10 consideration, Jan TF organization
 - If not presubmitted, we would meet again as a SG in January
- Progress technical specifications:
 - Channel model
 - Medium characterization
 - Key proposals
- Work on draft:
 - Should we base our draft on the BDE document?
 - What is our plan for progression to WG ballot?

Future meetings

- See: <http://www.ieee802.org/3/interims/index.html>
- November IEEE 802 Plenary
 - San Antonio, TX, USA – Manchester Grand Hyatt
 - November 2-7 (SG/TF meet 4-6)
- January IEEE 802.3 Interims
 - Atlanta, GA, USA
 - January 12-16 (GEPOF SG/TF dates TBD)
- Mar IEEE 802 Plenary
 - Berlin, Germany
 - March 8-13 (GEPOF SG/TF would meet 10-12)
- Anyone interested in hosting an interim meeting contact me or the IEEE 802.3 Executive Secretary [Steve Carlson](#).



Thank You
