

# Agenda and General Information

IEEE P802.3bv Task Force Gigabit Ethernet over Plastic  
Optical Fiber

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Atlanta, Georgia, USA

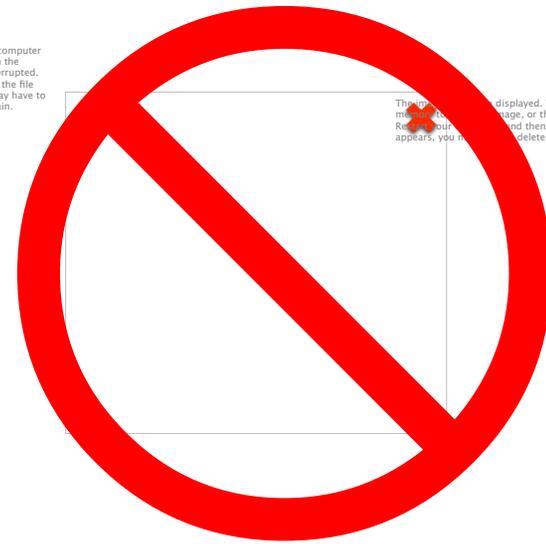
15 January 2015

# Agenda

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- Welcome and Introductions
- Appointment of Recording Secretary
- Confirmation of Task Force Chair
- Approve Agenda
- Approve November SG Minutes
- General Information
  - IEEE-SA Organization and Process
  - Call for Patents
  - Goals for this meeting
- Liaisons and Communications
- Presentations
- Motions and Closing Business
- Adjourn

# Task Force 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

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- Begin development of a draft
  - Establish editorial team
  - Establish schedule
  - Decide core proposal process
- Presentations
  - Presentations should focus on proposed draft features and capabilities (not necessarily text for the draft)
  - This includes proposals for modification of other adopted or proposed features and capabilities

# Reflector and web

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- 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***
- Task Force web page URL:  
***http://www.ieee802.org/3/bv/index.html***

# Approved Project Documents

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- Can be found in Task Force public area
  - PAR: approved by SASB on 10 Dec 2014
  - CSD: approved by LMSC on 7 Nov 2014
  - Objectives: approved by 802.3 on 17 Jul 2014

# Ground rules

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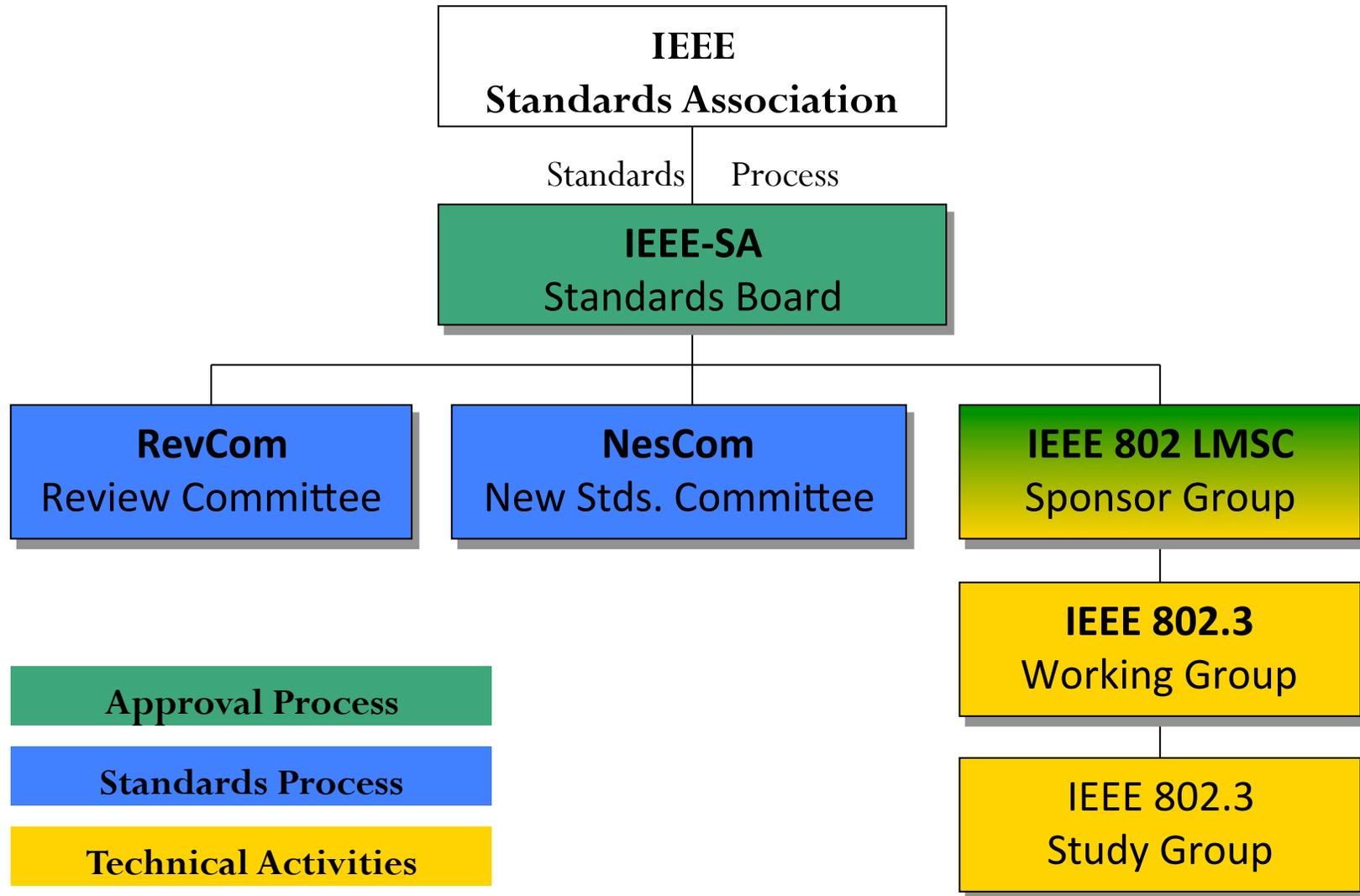
- Based upon IEEE 802.3 Rules
  - Process guideline is Robert's Rules of Order
  - Anyone in the room may speak
  - Anyone in the room may vote
- **RESPECT**... give it, get it
- NO product pitches
- NO corporate pitches
- NO prices!!!
  - This includes costs, ASPs, etc. no matter what the currency
-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

# Attendance and membership

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- Tutorial Material on attendance tool
  - [http://iee802.org/3/minutes/attendance\\_procedures.pdf](http://iee802.org/3/minutes/attendance_procedures.pdf)
- Access details
  - URL: <http://imat.ieee.org/>
- 802.3 membership requirement
  - <http://www.ieee802.org/3/rules/member.html>

# IEEE-SA Structure

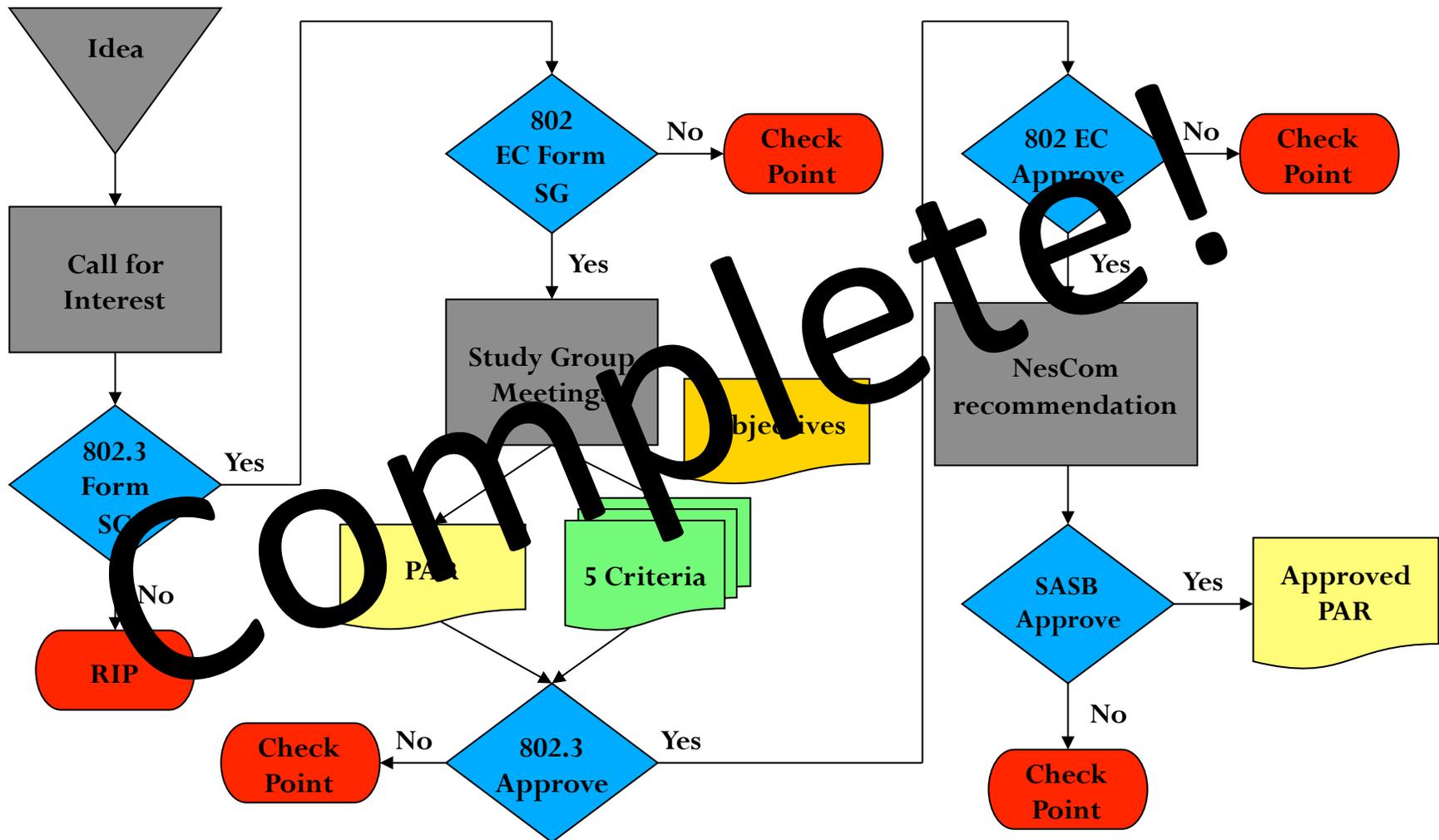


# Important Bylaws and Rules

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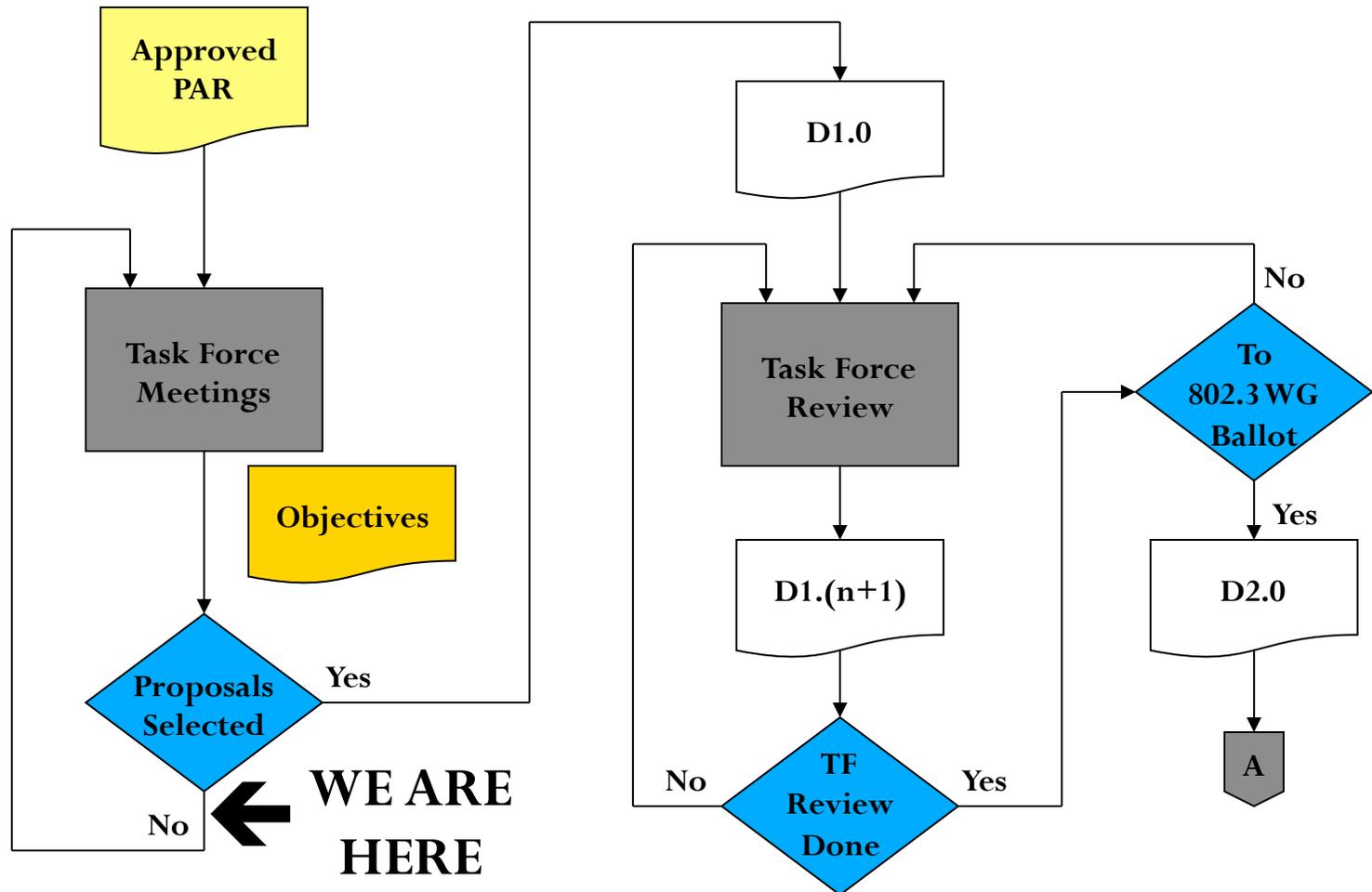
- **IEEE-SA Operations Manual**  
[http://standards.ieee.org/develop/policies/sa\\_opman/](http://standards.ieee.org/develop/policies/sa_opman/)
- **IEEE-SA Standards Board Bylaws**  
<http://standards.ieee.org/develop/policies/bylaws/>
- **IEEE-SA Standards Board Operations Manual**  
<http://standards.ieee.org/develop/policies/opman/>
- **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](http://ieee802.org/3/rules/P802_3_rules.pdf)

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

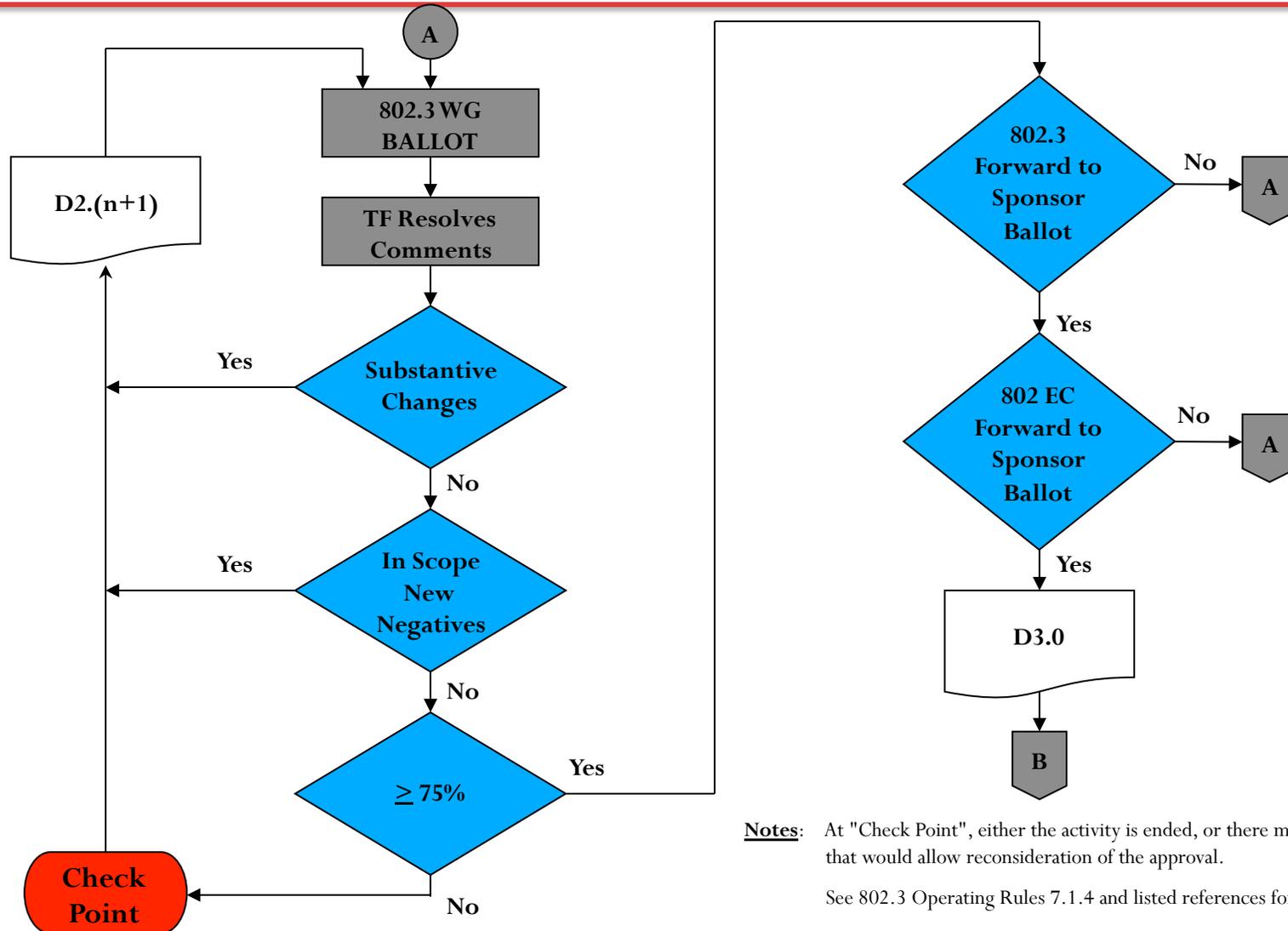


Note: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

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

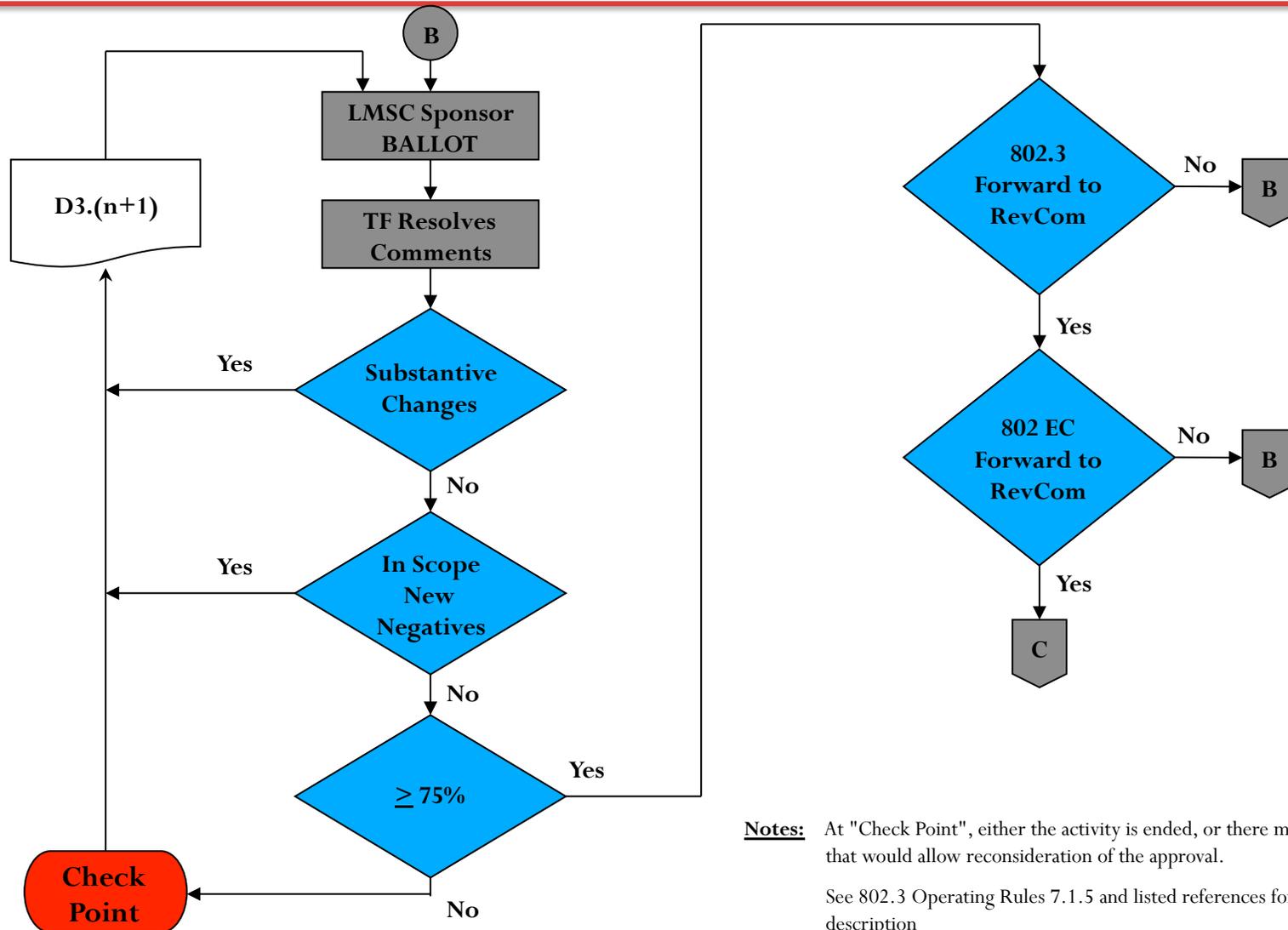


# Overview of IEEE 802.3 Standards Process (3/5) – Working Group Ballot Phase



**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

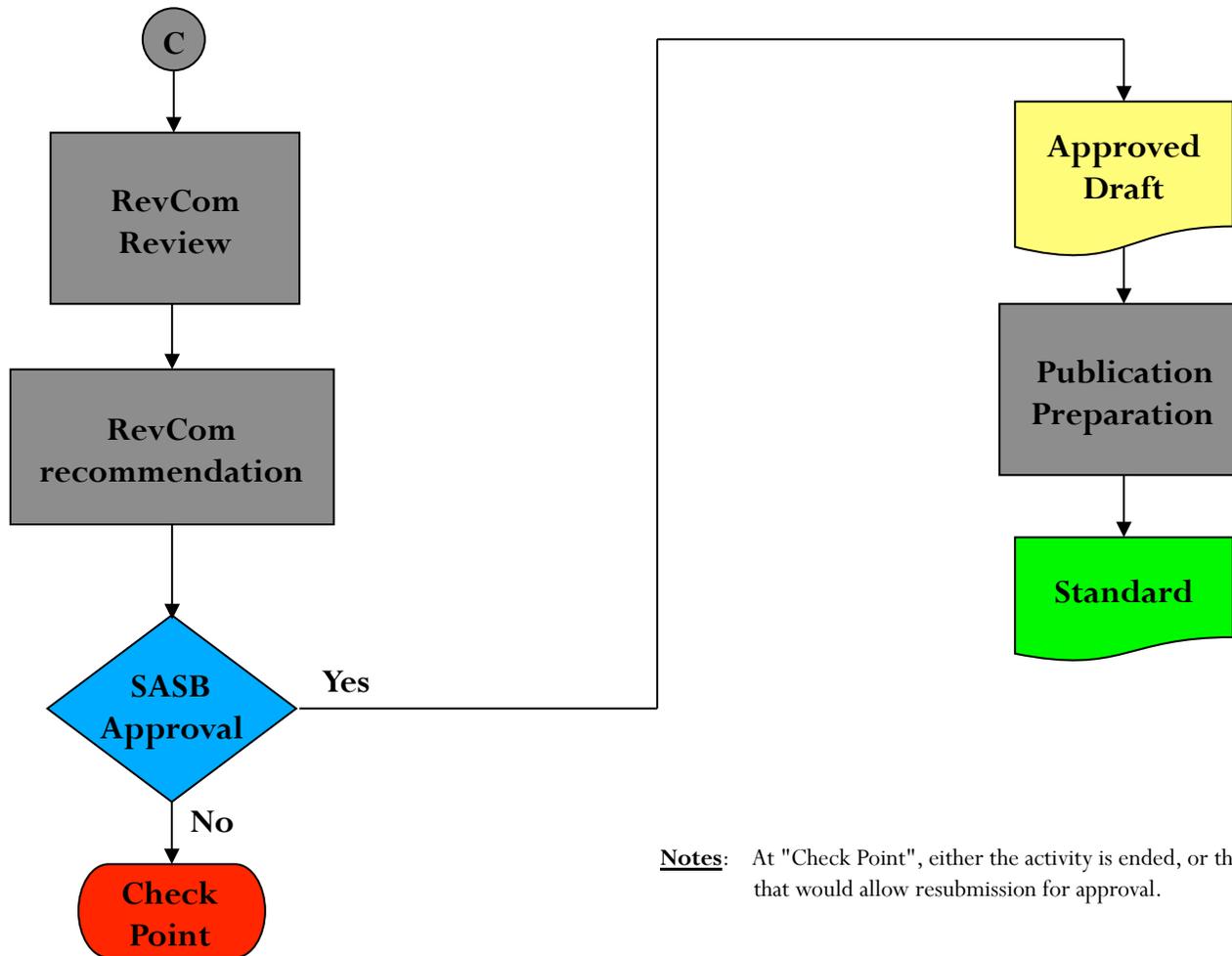
# Overview of IEEE 802.3 Standards Process (4/5)- Sponsor Ballot Phase



**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.

# Instructions for the WG Chair

The IEEE-SA strongly recommends that at each WG meeting the chair or a designee:

- Show slides #1 through #4 of this presentation
- Advise the WG attendees that:
  - The IEEE's patent policy is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
  - Early identification of patent claims which may be essential for the use of standards under development is strongly encouraged;
  - There may be Essential Patent Claims of which the IEEE is not aware. Additionally, neither the IEEE, the WG, nor the WG chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.
- Instruct the WG Secretary to record in the minutes of the relevant WG meeting:
  - That the foregoing information was provided and that slides 1 through 4 (and this slide 0, if applicable) were shown;
  - That the chair or designee provided an opportunity for participants to identify patent claim(s)/ patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard
  - Any responses that were given, specifically the patent claim(s)/patent application claim(s) and/or the holder of the patent claim(s)/patent application claim(s) that were identified (if any) and by whom.
- The WG Chair shall ensure that a request is made to any identified holders of potential essential patent claim(s) to complete and submit a Letter of Assurance.
- It is recommended that the WG chair review the guidance in *IEEE-SA Standards Board Operations Manual* 6.3.5 and in FAQs 12 and 12a on inclusion of potential Essential Patent Claims by incorporation or by reference.

Note: **WG** includes Working Groups, Task Groups, and other standards-developing committees with a PAR approved by the IEEE-SA Standards Board.

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(Optional to be shown)

25 March 2008 (updated January 2012)



# Participants, Patents, and Duty to Inform

All participants in this meeting have certain obligations under the IEEE-SA Patent Policy.

- Participants [Note: Quoted text excerpted from IEEE-SA Standards Board Bylaws subclause 6.2]:
  - “Shall inform the IEEE (or cause the IEEE to be informed)” of the identity of each “holder of any potential Essential Patent Claims of which they are personally aware” if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
    - “Personal awareness” means that the participant “is personally aware that the holder may have a potential Essential Patent Claim,” even if the participant is not personally aware of the specific patents or patent claims
  - “Should inform the IEEE (or cause the IEEE to be informed)” of the identity of “any other holders of such potential Essential Patent Claims” (that is, third parties that are not affiliated with the participant, with the participant’s employer, or with anyone else that the participant is from or otherwise represents)
- The above does not apply if the patent claim is already the subject of an Accepted Letter of Assurance that applies to the proposed standard(s) under consideration by this group
- Early identification of holders of potential Essential Patent Claims is strongly encouraged
- No duty to perform a patent search



# Patent Related Links

All participants should be familiar with their obligations under the IEEE-SA Policies & Procedures for standards development.

Patent Policy is stated in these sources:

IEEE-SA Standards Boards Bylaws

<http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6>

IEEE-SA Standards Board Operations Manual

<http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>

Material about the patent policy is available at

<http://standards.ieee.org/about/sasb/patcom/materials.html>

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

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



# Call for Potentially Essential Patents

- If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance:
  - Either speak up now or
  - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible or
  - Cause an LOA to be submitted

# Other Guidelines for IEEE WG 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.**

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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.



# Liaisons and Communications

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- None

# Presentations (1)

## WEDNESDAY

Time	Presenter	Employer/Affiliation	Title	File Name
8:00	Bob Grow	RMG Consulting / KDPOF	Agenda and General Information	Agenda_GEPOF_01_0115
9:00	Rubén Pérez-Aranda	KDPOF	Coded modulation proposal for GEPOF based on MLCC and binary BCH component code	
9:55			Break	
10:15	Rubén Pérez-Aranda	KDPOF	Study of IEEE 802.3 FCS as proper CRC code for MTTFPA assessment	
10:35	Rubén Pérez-Aranda	KDPOF	Undetected error probability of BCH codes for MTTFPA assessment	
11:00	Satoshi Takahashi	POF Promotion	Factors to be Evaluated for the POF Cable Plant Loss Budget	
12:00			Lunch	
13:15	Takayuki Tajima	Yazaki Corporation	Update Vibration Test Results	
13:45	Takayuki Tajima	Yazaki Corporation	Kojiri Protection of In-Vehicle Connectors	
14:05	Takayuki Tajima	Yazaki Corporation	Power Budget Confirmation	
14:25	Rubén Pérez-Aranda	KDPOF	BER, MTBE and MTTFPA performance of coded modulation for GEPOF	
15:25			Break	
15:50	Rubén Pérez-Aranda	KDPOF	Latency analysis of coded modulation for GEPOF	
16:20	Robert Grow	RMG Consulting/KDPOF	TF and Draft decisions	
16:50			Recess for the day	

# Presentations (2)

## THURSDAY

Time	Presenter	Employer/Affiliation	Title	File Name	Req Time
16:20	Rubén Pérez-Aranda	KDPOF	Transmission structure proposal for GEPOF		0:45
16:50	Group work		Motion madness		0:30
	Closing business		Agenda and General Information	Agenda_GEPOF_01_0115	
Recess for the day					

# Task Force Private Area

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- URL: <<TBD>>  
Username: 802.3bv  
Password: <<announced at meeting>> or use 802.3 private area password
- Note - The draft, and any other private area content, is posted for your review only, and neither the content nor access information should be copied or redistributed to others in violation of document copyrights.

# Future meetings

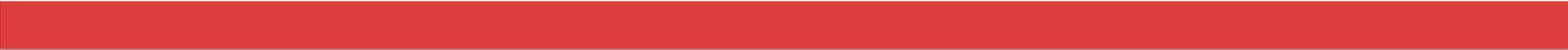
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- See: <http://www.ieee802.org/3/interims/index.html>
- March IEEE 802 Plenary
  - Berlin, Germany
  - March 9-12 (SG/TF meet 9-12, GEPOF 10-12, (802.3 experimenting with a new Monday schedule for the week)
- May IEEE 802.3 Interims
  - Pittsburgh, Pennsylvania, USA
  - May 18-22 (GEPOF SG/TF dates TBD)
- July IEEE 802 Plenary
  - Waikoloa, Hawaii, USA
  - July 13-16
- Anyone interested in hosting an interim meeting contact me or the IEEE 802.3 Executive Secretary [Steve Carlson](#).

# GEPOF meeting requirements

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- Do you plan to attend the P802.3bv GEPOF TF in March (Berlin, Germany)
  - Yes:
  - Possibly:
- Do you plan to attend the P802.3bv GEPOF TF in May (Pittsburgh, Pennsylvania, USA)
  - Yes:
  - Possibly:



# Thank You

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