

Agenda and General Information

IEEE 802.3
100 Gb/s Backplane and Copper Cable
Study Group

John D'Ambrosia
Force10 Networks
San Francisco, CA, USA, July 2011

Agenda

- Welcome and Introductions
- Approve Agenda
- Approve May 11 Minutes
- Goals for this Meeting
- Reflector and Web
- Ground Rules
- IEEE
 - Structure
 - Bylaws and Rules
 - Guidelines for IEEE-SA Meetings
 - IEEE Standards Process
- Review of Action Items from May 2011 Mtg
- Review received comments on the PAR, 5 Criteria, and objectives
- Motions and Closing Business
- Future Meetings

Task Force Decorum



- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (2007 SASB Op Manual 5.3.3.5)
- Photography or recording by permission only (5.3.3.4)
- Cell phone ringers off
- Wear your badges at all times in meeting areas

Goals for the Week

- Address comments on the PAR, 5 Criteria, and objectives
- Seek 802.3WG approval of PAR, 5 Criteria, and objectives

Reflector and Web

- To subscribe to the 100GCU reflector, send an email to:

ListServ@ieee.org

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

```
subscribe stds-802-3-100GCU <yourfirstname> <yourlastname>  
end
```

- Send 100GCU reflector messages to:

STDS-802-3-100GCU@listserv.ieee.org

- Task Force web page URL:

<http://www.ieee802.org/3/100GCU/index.html>

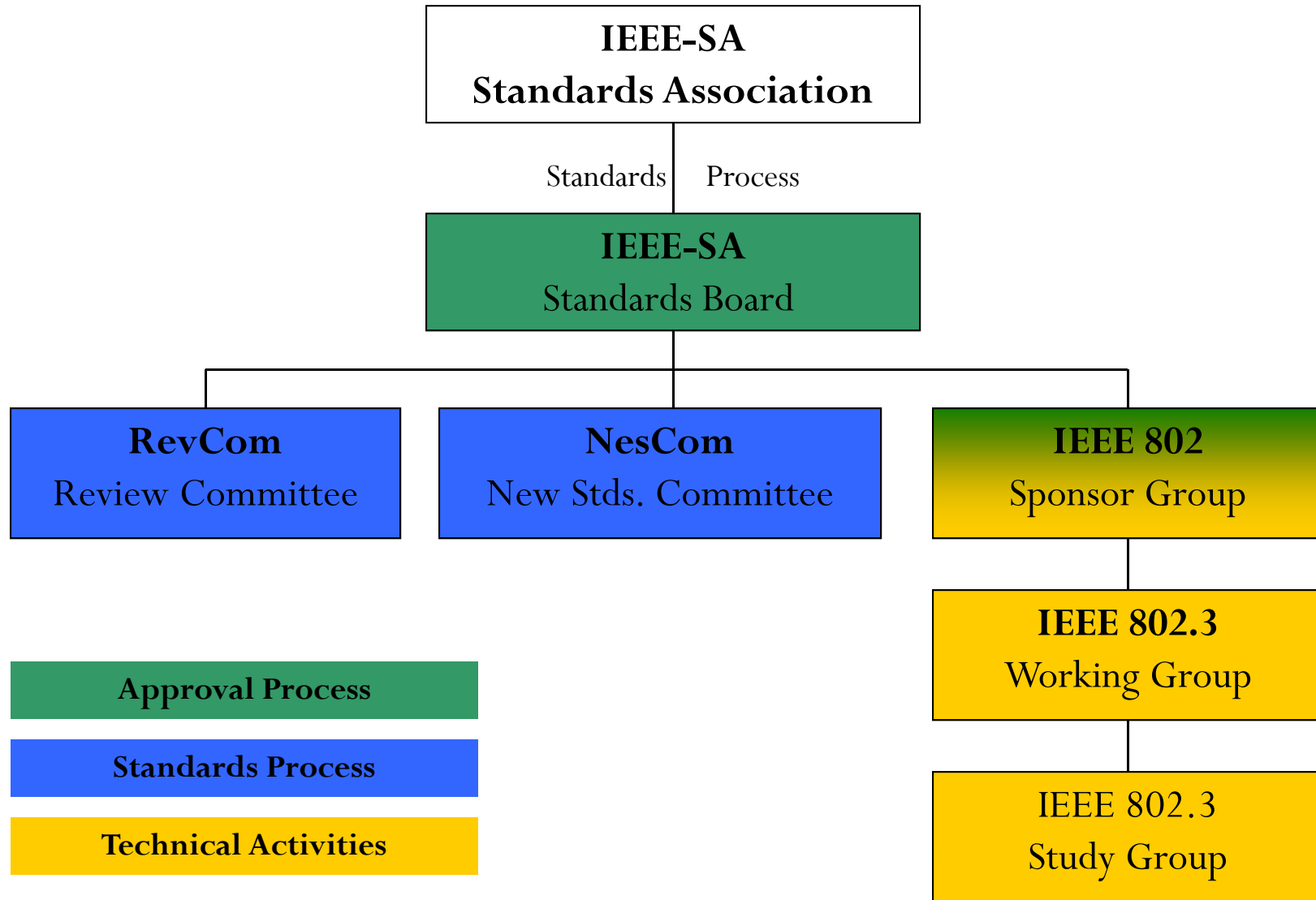
Study Group Private Area

- URL: <http://www.ieee802.org/3/100GCU/private/index.html>
 - Username: XXXXXX
 - Password: XXXXXXXXX
- Write it down...
- Note - The information is posted for your review only, and neither the draft nor access information should be copied or redistributed to others in violation of document copyrights.

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 Structure



Bylaws and Rules

- **IEEE-SA Operations Manual:**
 - <http://standards.ieee.org/sa/sa-om.pdf>
- **IEEE-SA Standards Board Bylaws:**
 - <http://standards.ieee.org/guides/bylaws/sb-bylaws.pdf>
- **IEEE-SA Standards Board Operations Manual:**
 - <http://standards.ieee.org/guides/opman/sb-om.pdf>
- **IEEE 802 LAN/MAN Standards Committee (LMSC) Policies and Procedures:**
 - http://standards.ieee.org/board/aud/LMSC_2009.pdf
- **IEEE 802 LAN/MAN Standards Committee (LMSC) Operations Manual:**
 - [http://www.ieee802.org/PNP/2009-11/LMSC OM approved 091120 rev 100213.pdf](http://www.ieee802.org/PNP/2009-11/LMSC_OM_approved_091120_rev_100213.pdf)
- **IEEE 802 LAN/MAN Standards Committee (LMSC) Working Group (WG) Policies and Procedures:**
 - [http://www.ieee802.org/PNP/2009-11/LMSC WG PandP approved 091120 rev 100213.pdf](http://www.ieee802.org/PNP/2009-11/LMSC_WG_PandP_approved_091120_rev_100213.pdf)
- **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.

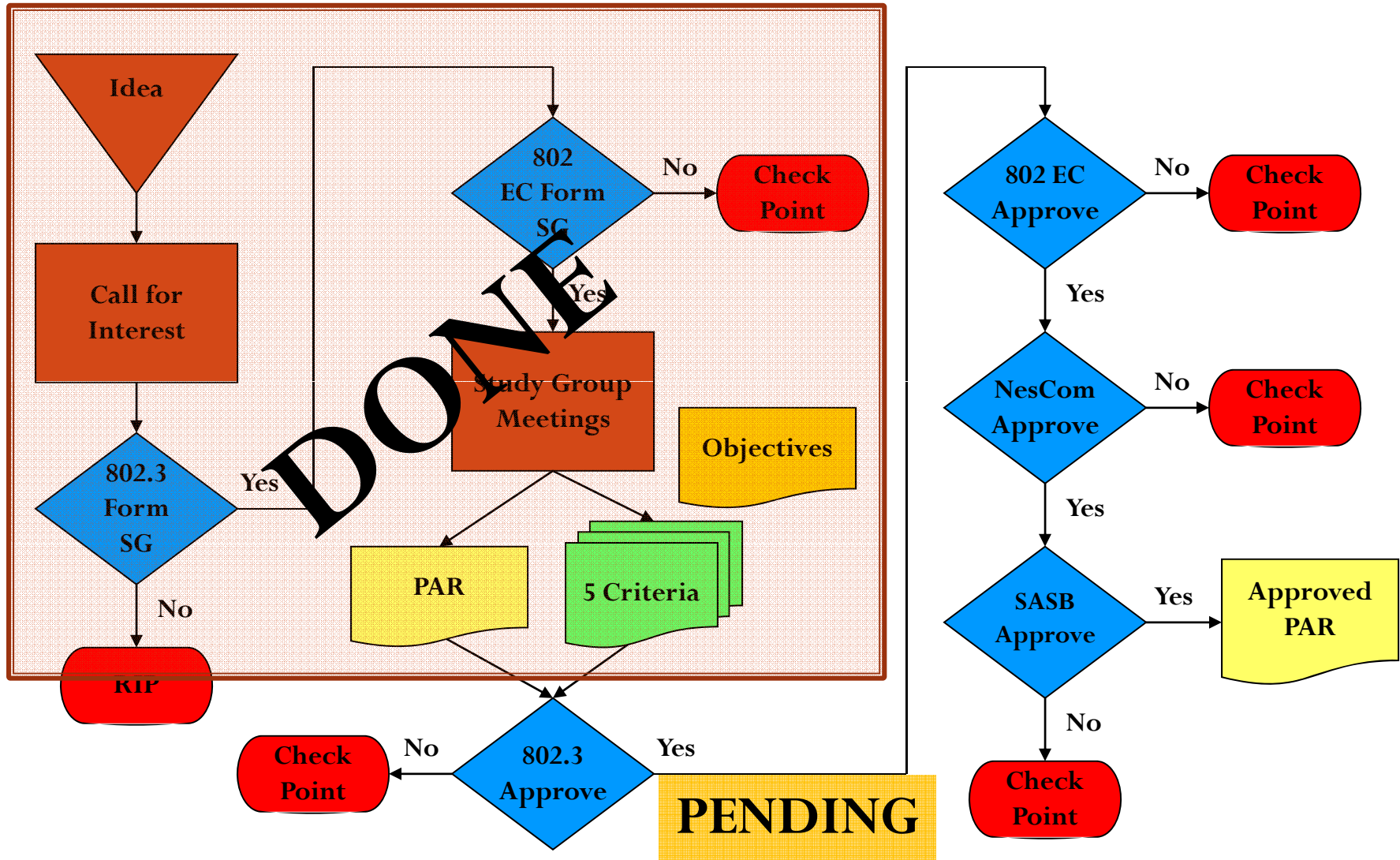
If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <http://standards.ieee.org/about/sasb/patcom/index.html>

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>

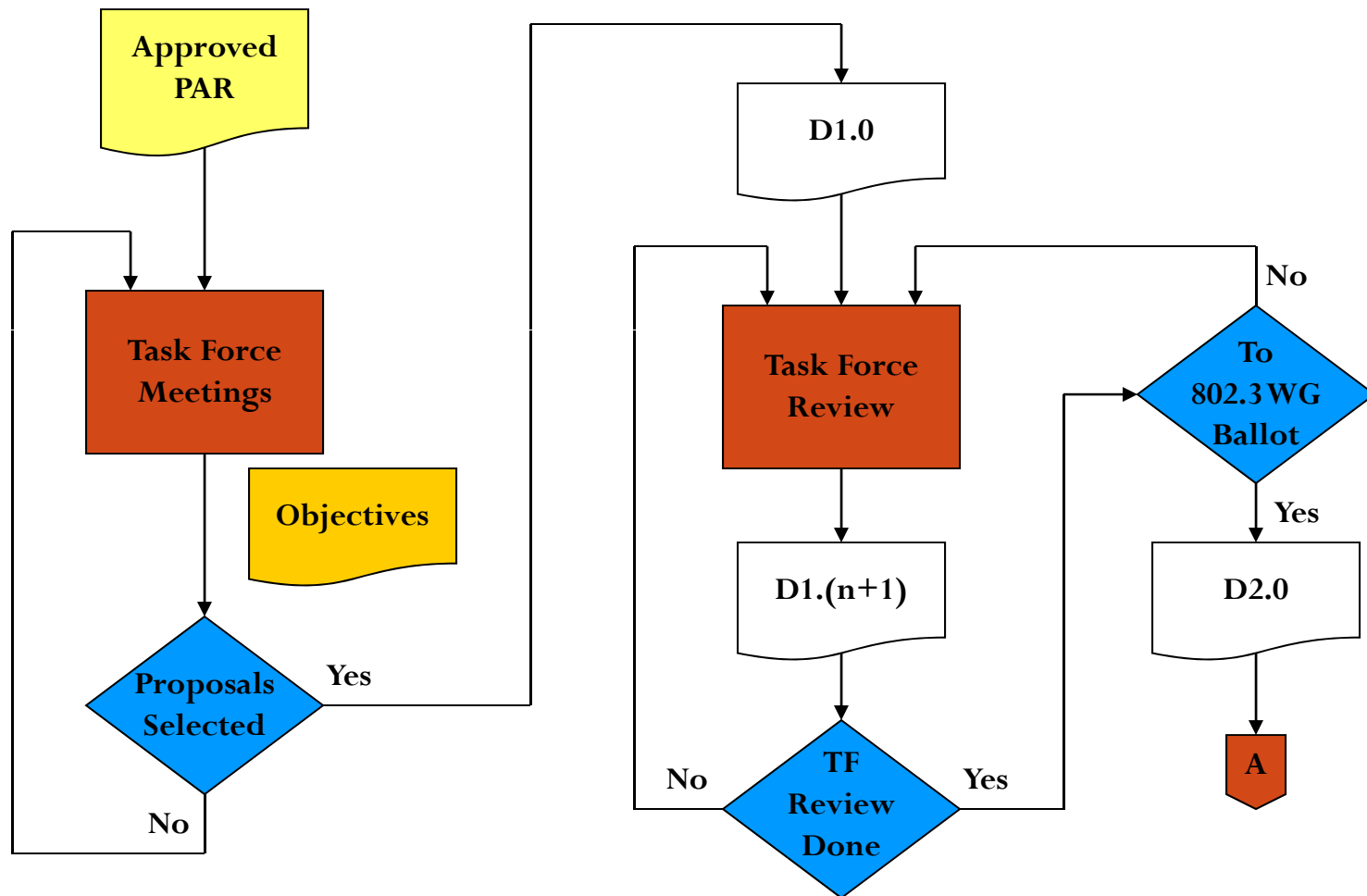


Overview of IEEE 802.3 Standards Process (1/5)- Study Group Phase

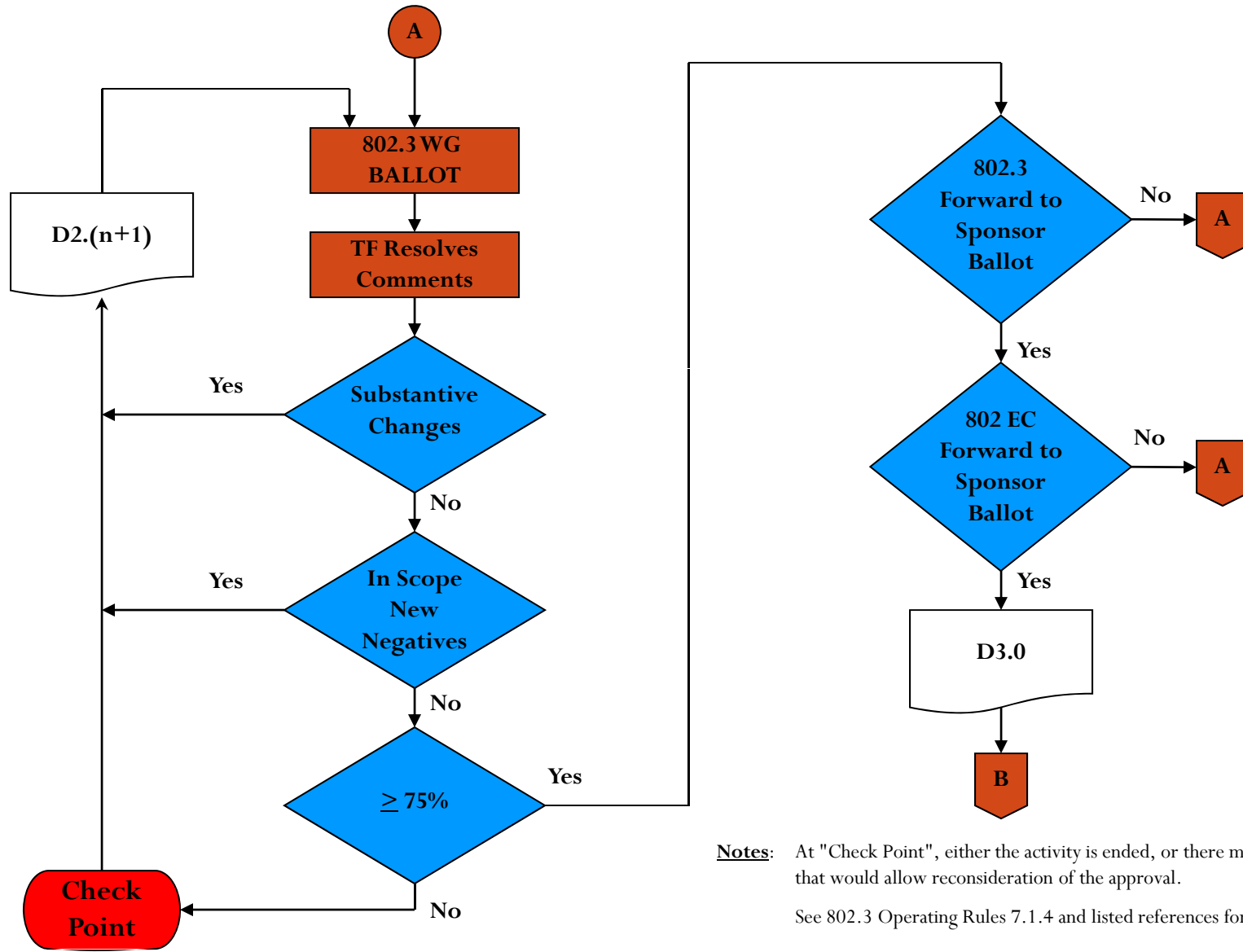


Note: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

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



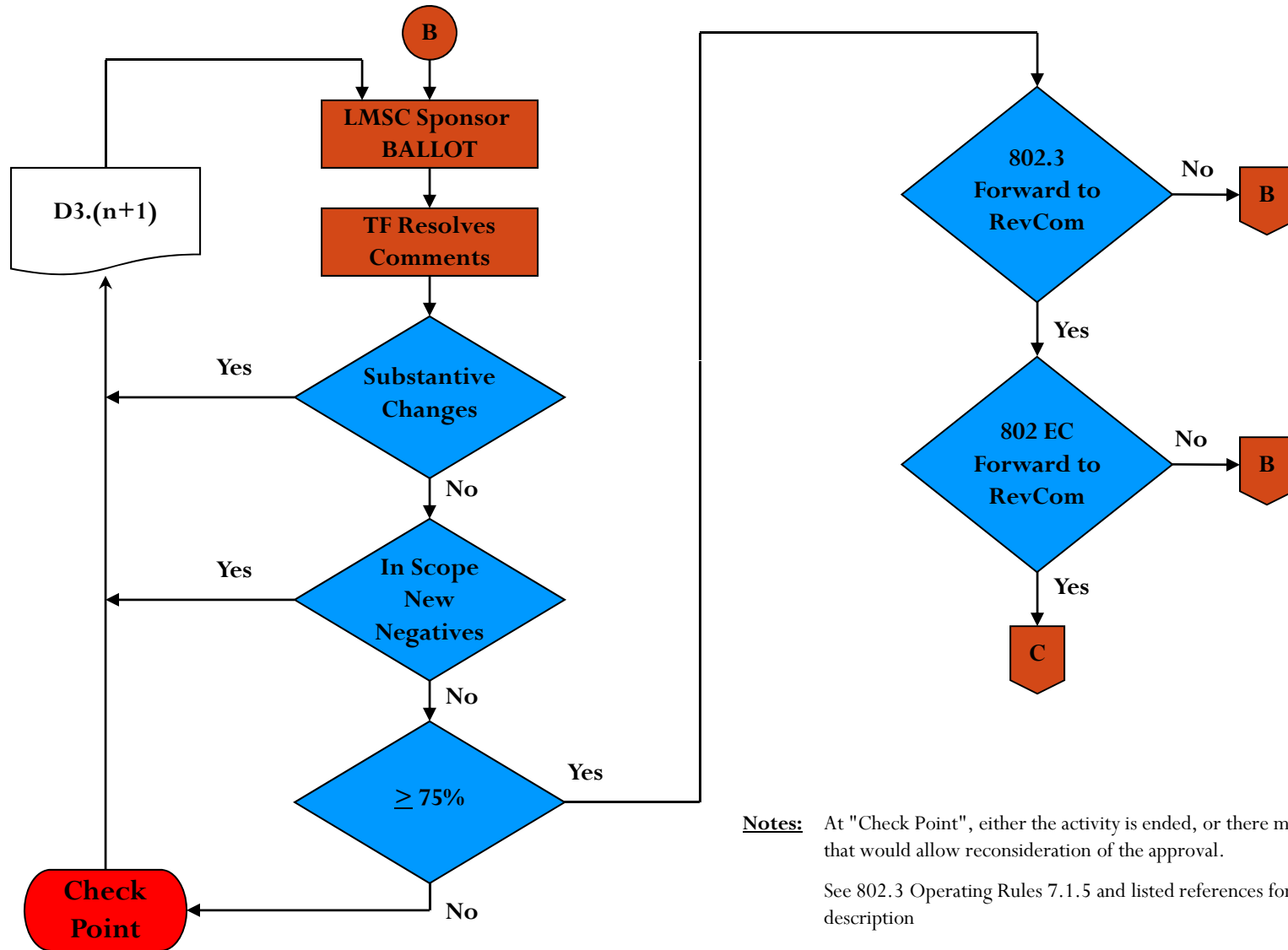
Overview of IEEE 802.3 Standards Process (3/5) – Working Group Ballot Phase



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

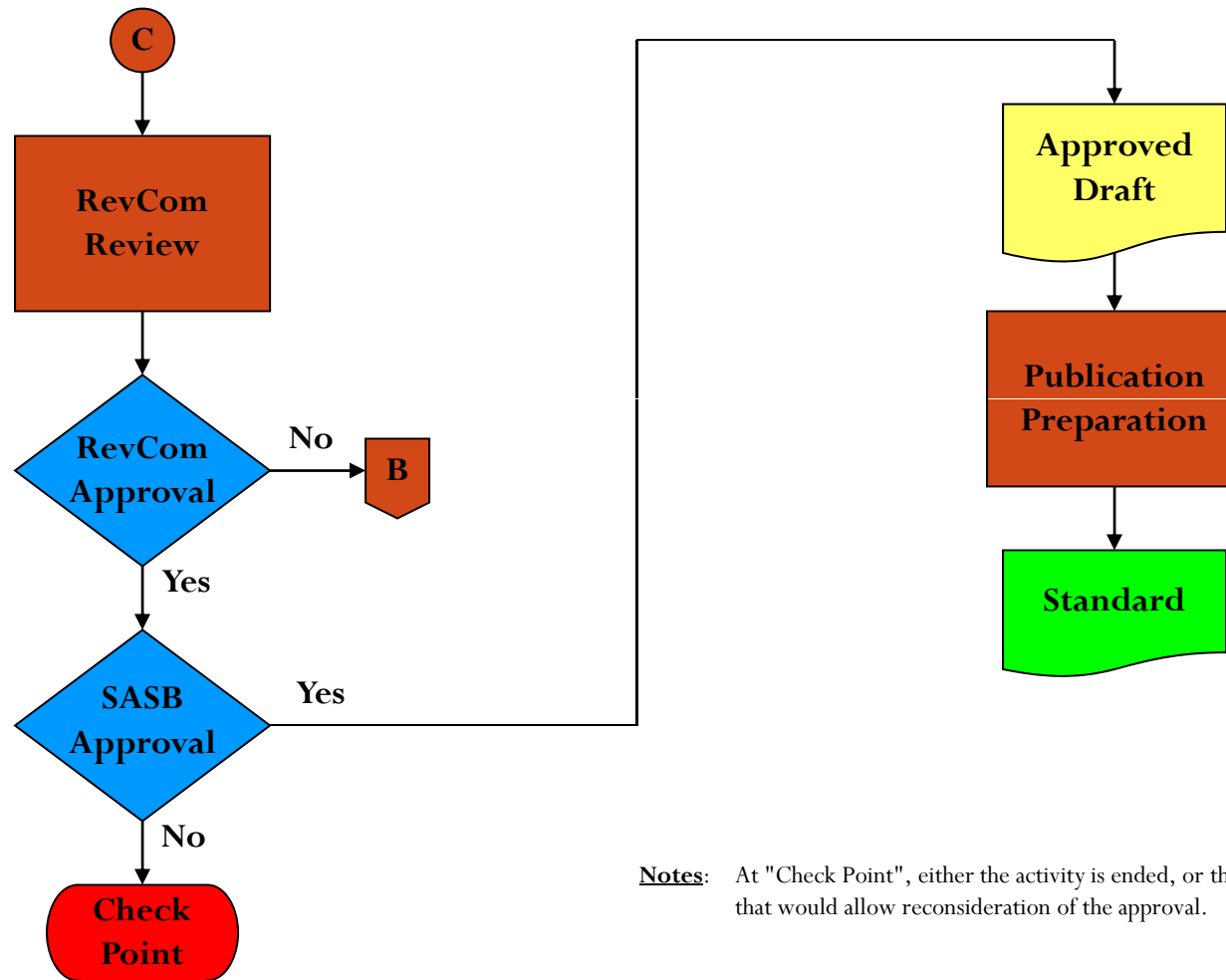
See 802.3 Operating Rules 7.1.4 and listed references for complete description

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 reconsideration of the approval.

The Study Group

- Normal function is to draft a complete PAR and Five Criteria
- Provide a plenary week tutorial to the LMSC.
- Gain approval at the WG 802.3, 802 SEC, IEEE NesCom and IEEE-SA Standards Board.
- SG only exists for 6 months
 - Extensions can be requested, voted on by 802.3, ratified by SEC
- Development of Objectives helps set the goals for the Task Force
- Consensus (>75%) required to move forward
- Not a goal – choosing a solution.

Request for Formation of Study Group (as per Nov '10 Plenary Motion)

Move the IEEE 802.3 Working Group authorizes the formation of a study group for “100GbE Electrical Backplane and Twinaxial Copper Cable Assemblies.”

Project Documentation

- All submitted documentation pending IEEE 802.3 WG approval:
 - PAR - Submitted PAR* –
http://www.ieee802.org/3/100GCU/par_a_0511.pdf
 - 5 Criteria – Submitted Responses –
http://www.ieee802.org/3/100GCU/5C_0511.pdf
 - Adopted Objectives –
http://www.ieee802.org/3/100GCU/objectives_0511.pdf
- Note – PAR updated to reflect change of RevCom submissions date at July 11 Plenary.

Action Items

Volunteer	Action	Date Assigned	Status As of 7/13
Adam Healey	Create spreadsheet related to simulation details	Mar-15-11	pending
Megha Shanbhag	Provide channel data related to presentation shanbhag_01_0311.pdf	Mar-15-11	Done
Megha Shanbhag	Provide channel data related to presentation tracy_01_0311.pdf	Mar-15-11	Done Jul-11-11
Charles Moore	Update moore_01_0511.pdf and .csv file to correct channel length error (page 5), and pass/fail color coding on TEC channels.	May 24-11	Done Jun-6-11
Vasu Parthasarathy	send updated .pdf indicating additional support of Matt Brown.	May 24-11	Done Jun-6-11
Mike Li	Send updated version of li_01_0511.pdf presentation	May 24-11	Done Jun-6-11
Ali Ghiasi	Send updated version of ghiasi_01_0511.pdf presentation	May 25-11	Done May 25-11
Joel Goergen	Review his presentation files from May 24 to make sure that the term "FR-4" appears in the titles for easy search.	May 25-11	Done Jul-5-11

Attendance

- The URL to access the IEEE Meeting Attendance Tool for this meeting is...
 - <http://murphy.events.ieee.org/imat/> or
 - <http://seabass.ieee.org/imat/index>
 - There is no session access code
- The server cannot be reached from outside of the local network
 - You MUST disconnect your VPN software
- Tutorial Material on attendance tool
 - http://ieee802.org/3/minutes/mar11/0311_imat.pdf

Future Meetings (<http://www.ieee802.org/3/interims/index.html>)

- Sept 2011 Interim
 - Date: week of Sept 12, 2011
 - Location: Chicago, IL
- Nov 2011 Plenary
 - Atlanta, GA, USA
 - Week of Nov 7, 2011
 - Hyatt Regency Atlanta
- Jan 2012 Interim
 - Date: week of Jan 23, 2012
 - Location TBD
- Anyone interested in hosting a meeting contact me.

Thank You!