

Agenda and General Information

IEEE 802.3

Next Generation BASE-T Study Group

Bill Woodruff

Broadcom

Orlando, March 18-21, 2013

Agenda

- Appointment of Recording Secretary
- Welcome and Introductions
- Approve Agenda
- Approve previous Minutes
- Goals for this meeting
- Reflector and Web
- Ground Rules
- IEEE
 - Structure, Bylaws and Rules
 - Call for Patents
 - IEEE Standards Process
- Liaisons and Communications
- Review of Action Items from previous Meeting
- Presentations
- Motions and Closing Business
- Future Meetings

Study Group Decorum



- Photography or recording by permission only (2010 SASB Op Manual 5.3.3.4)
- Cell phone ringers off
- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (5.3.3.5)
- 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

Status

- SG met in Phoenix January 22-23
- Entertained Liaison requests from TIA TR-42
 - Response to be prepared in March plenary
- Approved Objectives, 5 Criteria and edited previously approved PAR
- PAR and 5C submitted to EC for consideration a March plenary
- IEEE P802.3bq PAR submitted to April NesCom meeting

Goals for the meeting

- Outline Study Group processes
- Hear technical tutorials and presentations supporting the development of the project documentation
 - Continued work toward Study Group goals
 - Baseline spec development needs to await formation of Task Force
- Lay the ground work for the next meeting

Big ticket items

- Liaison Responses
- Prepare responses to questions poised by Standard Committees

Reflector and Web

- To subscribe to the Next Generation BASE-T reflector, send an email to:

ListServ@ieee.org

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

subscribe NGBASE-T <*yourfirstname*> <*yourlastname*>

end

- Send NGBASE-T reflector messages to:

STDS-802-3-NGBASET@listserv.ieee.org

- Study Group web page URL:

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

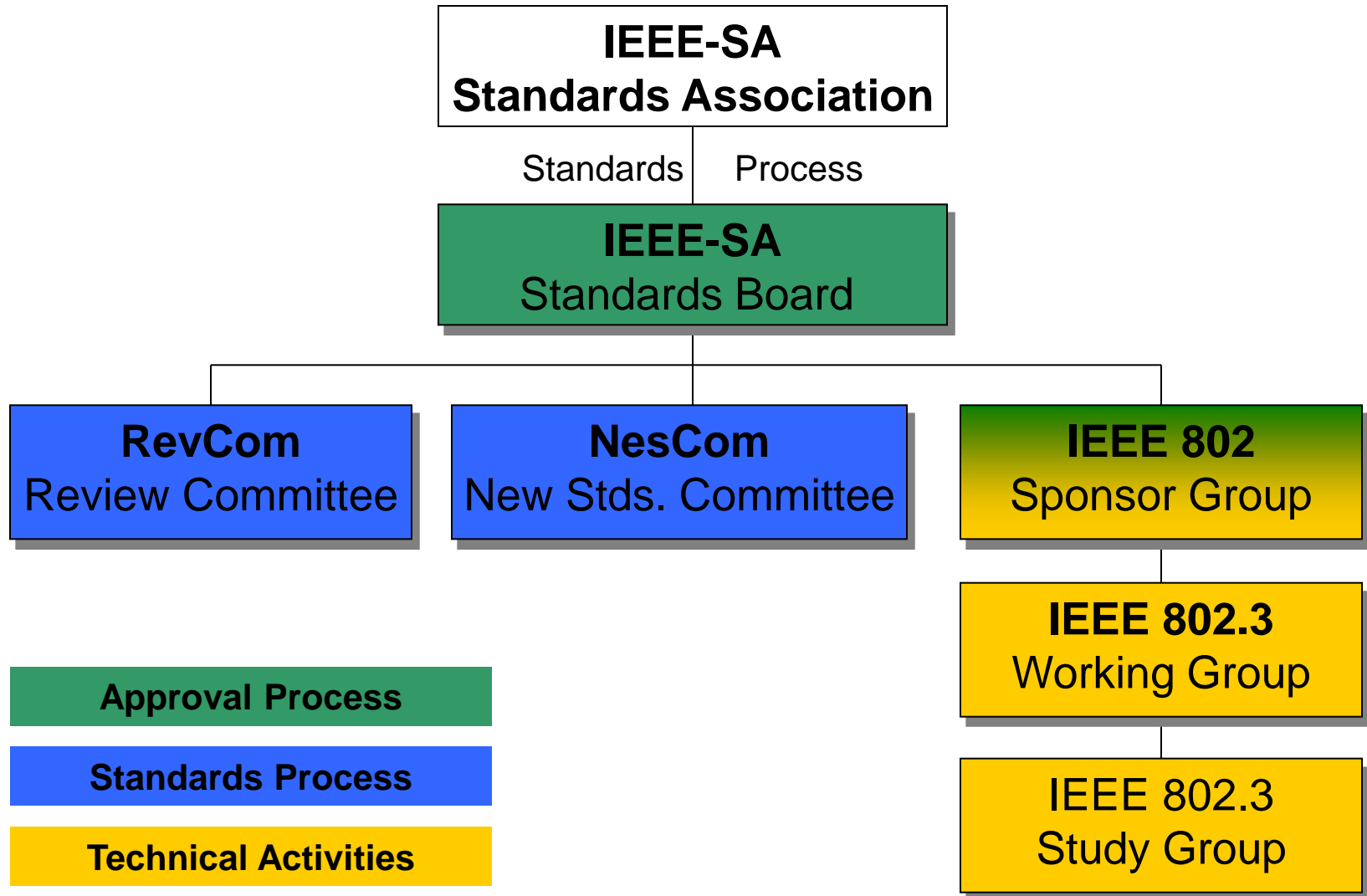
Study Group Private Area

- URL: <http://www.ieee802.org/3/NGBASET/private/index.html>
 - Username:
 - Password:
- Write it down...
- Note - The 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.

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



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/PNP/2012-03/IEEE_802_LMSC_OM_approved_120604.pdf
- **IEEE 802 LAN/MAN Standards Committee (LMSC) Working Group (WG) Policies and Procedures**
http://www.ieee802.org/PNP/2012-03/IEEE_802_LMSC_WG_PandP_approved_120604.pdf
- **IEEE 802.3 Working Group Operating Rules**
http://ieee802.org/3/rules/P802_3_rules.pdf

Guidelines for IEEE-SA Meetings

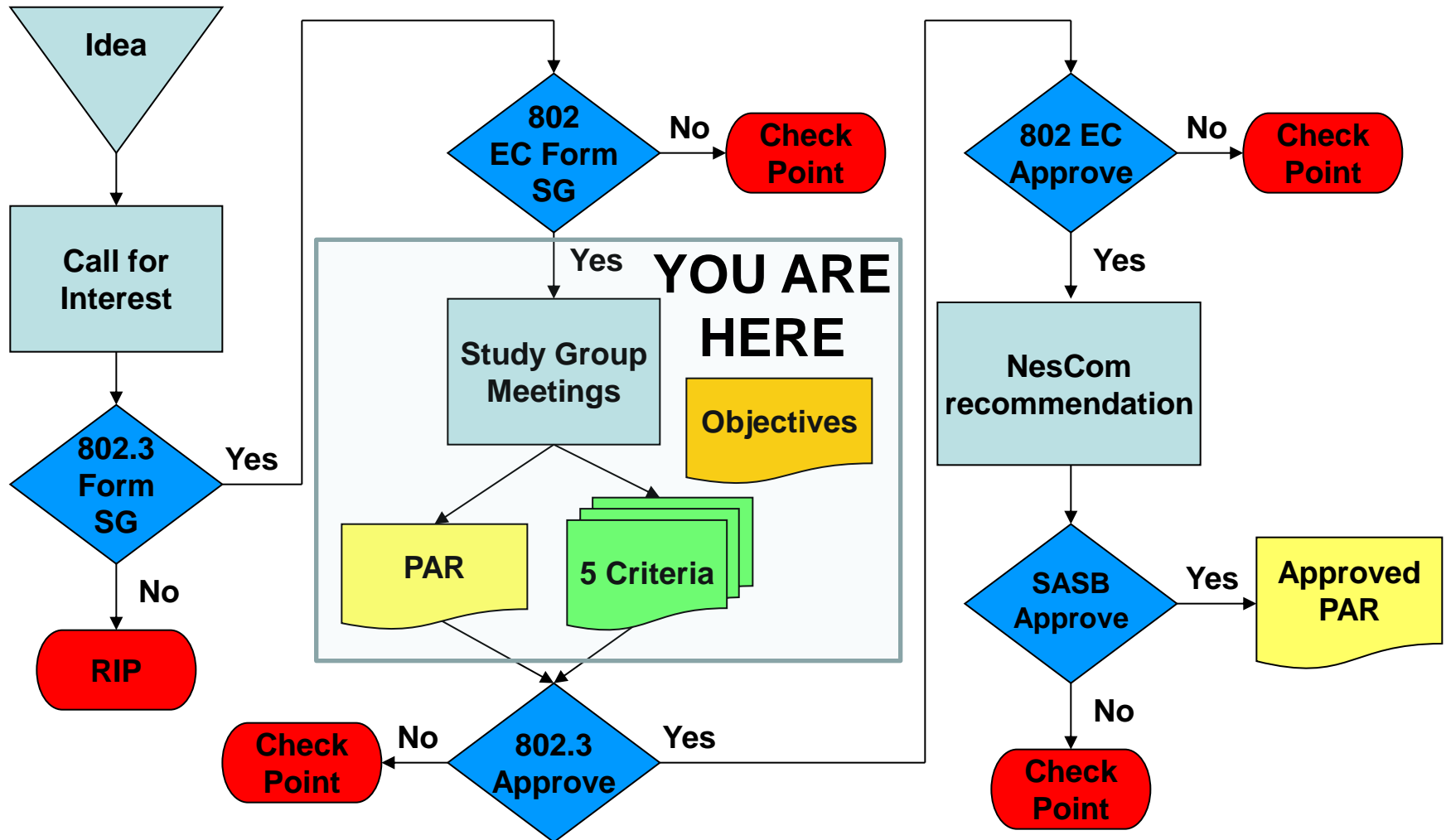
- | All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.
- | Don't discuss the interpretation, validity, or essentiality of patents/patent claims.
- | Don't discuss specific license rates, terms, or conditions.
 - | Relative 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.

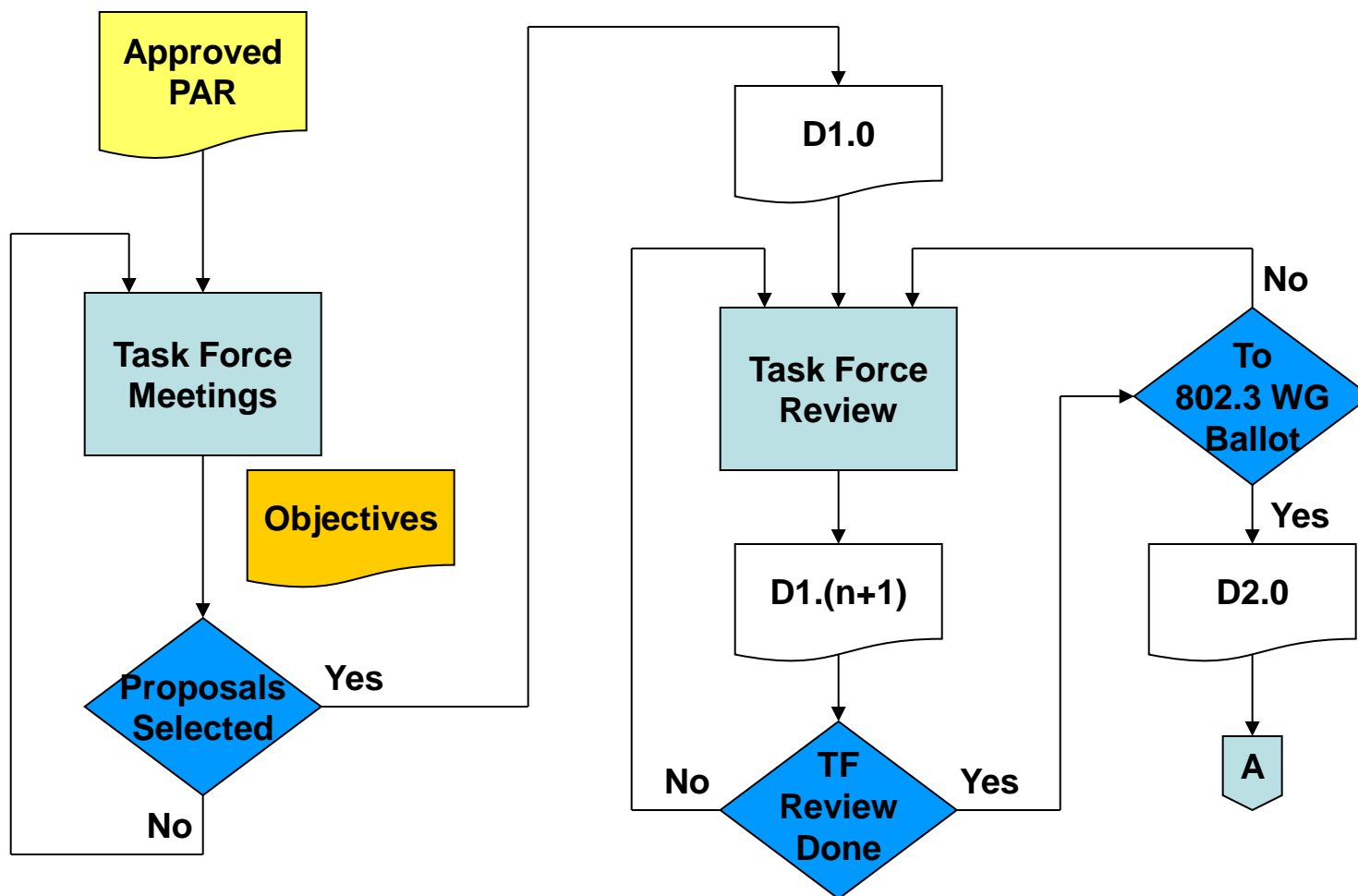
This slide set is available
at <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt>

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

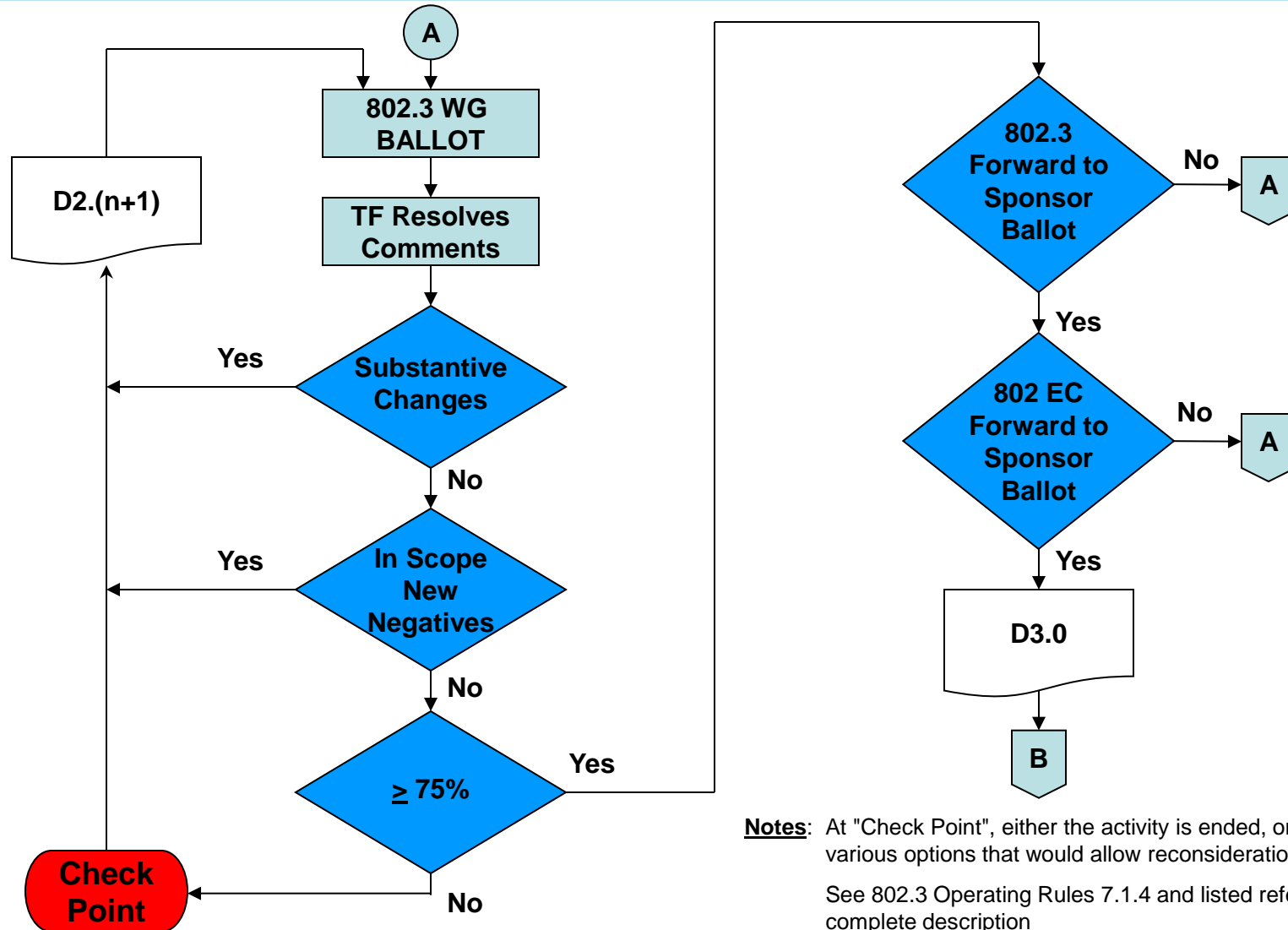


Note: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

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

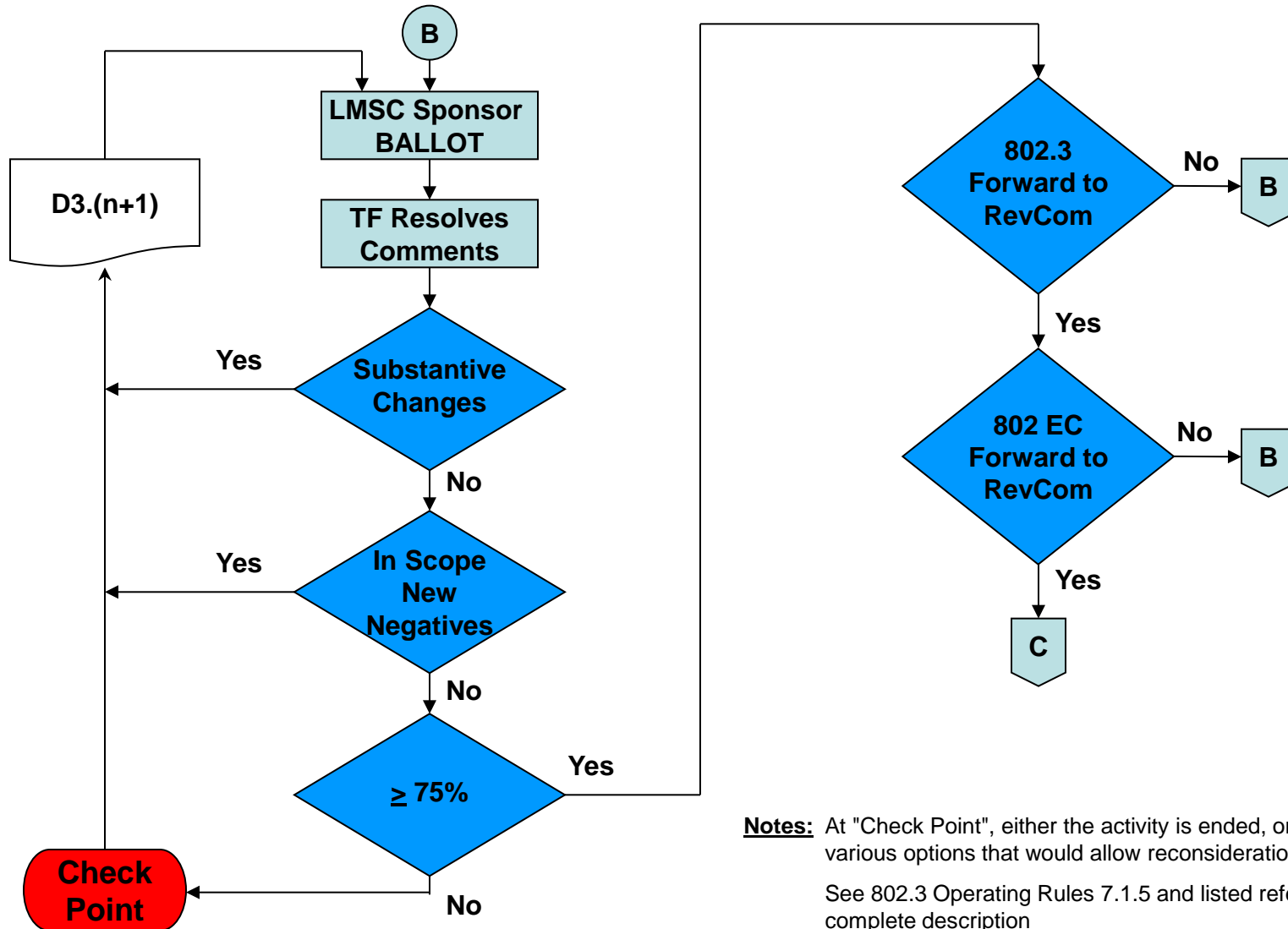


Overview of IEEE 802.3 Standards Process (3/5) – Working Group Ballot Phase



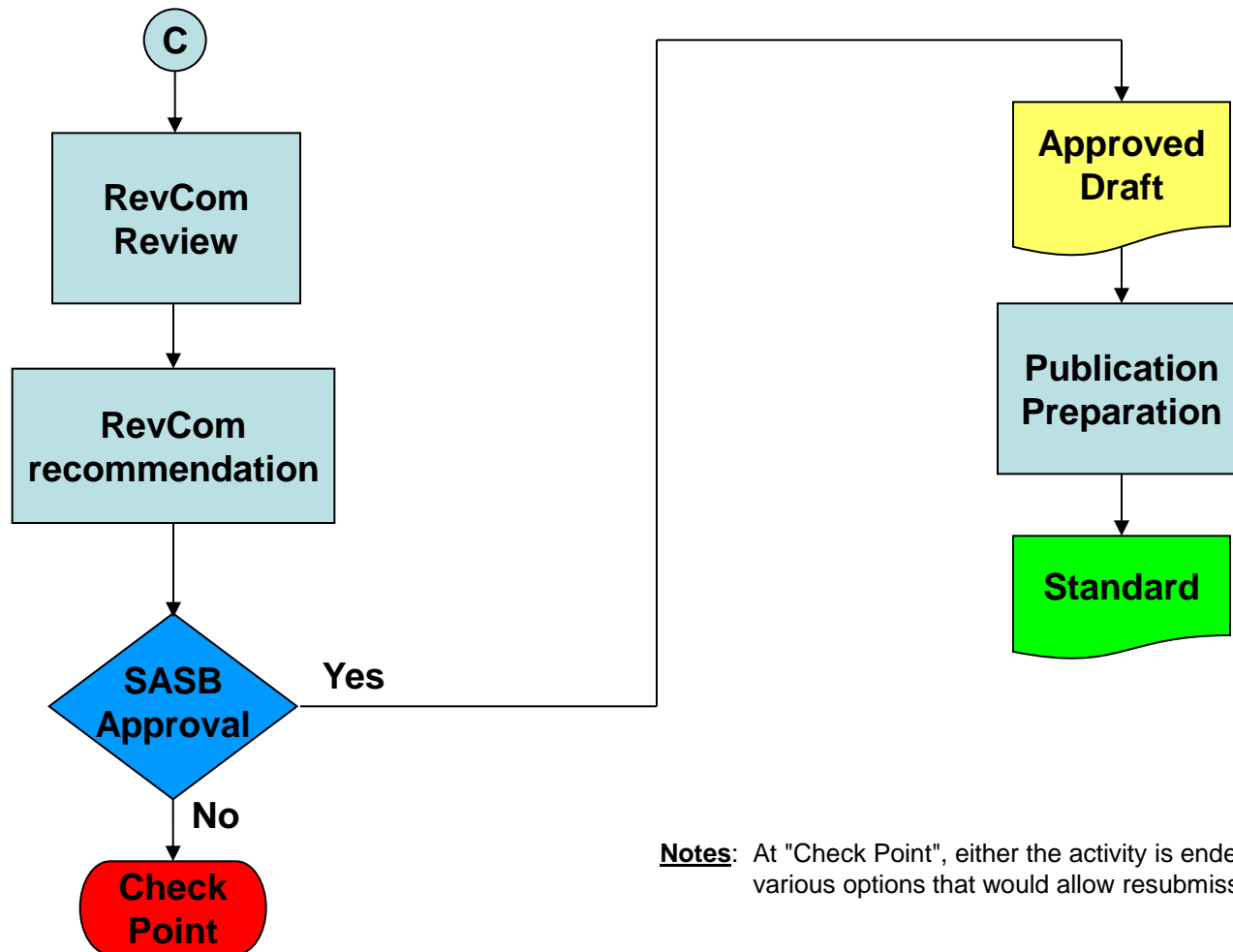
Notes: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval. See 802.3 Operating Rules 7.1.4 and listed references for complete description

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 resubmission for 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 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.

Liaisons and Communications

- Two liaisons form the TIA TR-42.7 to the IEEE 802.3 Working Group
 - <http://www.ieee802.org/3/minutes/mar13/incoming/TR42d7-2013-02-004-LiaisonTo802d3.pdf>
 - http://www.ieee802.org/3/minutes/mar13/incoming/TR42-2013-02-052A_Liaison_to_802d3.pdf
- [presentations?]

Action Items

- Prepare draft Liaison letters to TIA and ISO/IEC which include the SG's objectives
 - Submit these draft letters for approval at the closing plenary

Attendance

- Tutorial Material on attendance tool
 - http://ieee802.org/3/minutes/mar11/0311_imat.pdf
- Attendance tool URL
 - URL: <http://imat.ieee.org>

Presentations (Tuesday)

Day	Duration	Time	Title	Presenter	Affiliation	File Name
Tuesday	0:30	9:00 AM	Agenda and General Information	Bill Woodruff	Broadcom	agenda_01_0313_ngbt.pdf
	0:30	9:30 AM	Next Generation Field Testing	Chris DiMinico	MC Communications	diminico_01_0313_NGBT.pdf
	0:30	10:00 AM	Next Generation BASE-T Link segment	Chris DiMinico	MC Communications	diminico_02_0313_NGBT.pdf
	0:30	10:30 AM	BREAK			
	0:40	11:00 AM	Evaluating Power Sensitivity for Channel Impairments	George Zimmerman	CME Consulting	zimmerman_01_0313_NGBT.pdf
	0:40	11:40 AM	Method for improving Return Loss in order to reduce PHY power	Ron Nordin	Panduit	nordin_01_0313_ngbt.pdf
	1:10	12:20 PM	LUNCH			
	0:30	1:30 PM	Developing Liason responses			
	0:20	2:00 PM				
	0:20	2:20 PM				
	0:20	2:40 PM				
	0:30	3:00 PM	BREAK			
	0:40	3:30 PM				
	0:00	4:10 PM	Break for the day			

Note –Times listed are subject to change.

Presentations (Wednesday)

Day	Duration	Time	Title	Presenter	Affiliation
Wednesday	3:00	9:00 AM	Tentative working session for comment response; as needed		
	1:00	12:00 PM	LUNCH		
	0:30	1:00 PM	Open Meeting	Bill Woodruff	Broadcom
	0:30	1:30 PM	Motions & Straw Polls		
	0:45	2:00 PM	Closing, future logistics and Other Motions		
		2:45 PM	Adjourn		

Note –Times listed are subject to change.

Motion #1

- Approve the Agenda

M:

S:

Procedural, 50%

Motion #2

- Approve previous meeting minutes

M:

S:

Procedural, 50%

Future Meetings

- See: <http://www.ieee802.org/3/interims/index.html>
- May 2013 joint interim
 - Week of May 13, 2013, The Fairmont Empress, Victoria, BC, Canada
- July 2013 plenary
 - Week of July 15th, Geneva Switzerland
- Sept 2013 joint interim
 - Week of September 2, York Racecourse Conference Center, York UK
- November 2013 plenary
 - Week of November 11, Dallas Texas
- January 2014 interim
 - Week of January 20, venue TBD

- Anyone interested in hosting a interim meeting contact me or the IEEE 802.3 Executive Secretary [Steve Carlson](#).

Thank You!