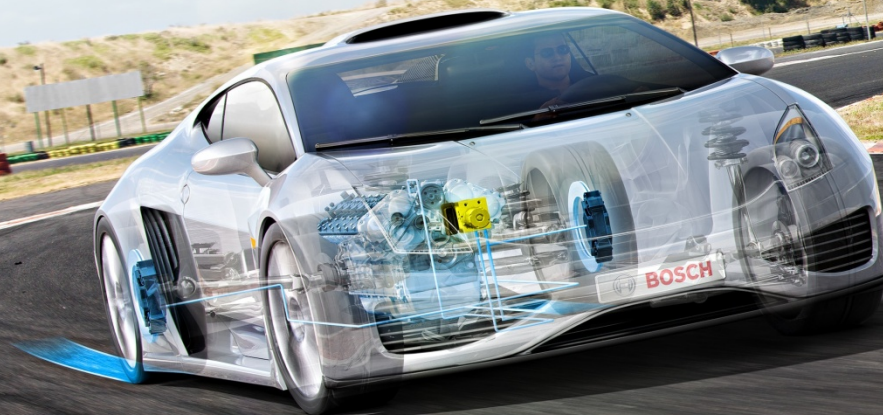


# 1 Twisted Pair 100 Mb/s Ethernet (1TPCE) SG

## Agenda, General Information, Study Group Introduction



Thomas Hogenmüller (Robert Bosch GmbH)  
July 15<sup>th</sup> and 16<sup>th</sup>, 2014; San Diego, CA

## Agenda

- Appointment of Recording Secretary
- Welcome and Introductions
- Approval of agenda
- Reflector and Webpage Information
- Rules and Guidelines
- Approval of minutes from last Interim Meeting in Norfolk, VA
- Intended Time Line
- Results from Norfolk interim meeting
- Discussion and modification on Objective:
  - Support optional operation with run-time configuration, by allowing time from `power_on**=FALSE` to a state capable of transmitting and receiving valid data to be up to TBD.
- Presentations:
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  - An Overview of BroadR-Reach Specification V3.2 Changes (Mehmet Tazebay, Broadcom)
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## Reflector and Web

- To subscribe to the 1TPCE reflector, follow the process on website:
  - <http://www.ieee802.org/3/1TPCESG/reflector.html>
  - 105 subscribers
  
- You may read the previous mail traffic on this website:
  - <http://www.ieee802.org/3/1TPCESG/email/thrd1.html>
  
- Task Force web page URL:
  - <http://www.ieee802.org/3/1TPCESG/index.html>

## Attendance

- Tutorial Material on attendance tool
  - [http://ieee802.org/3/minutes/mar11/0311\\_imat.pdf](http://ieee802.org/3/minutes/mar11/0311_imat.pdf)
  
- URL:
  - [imat.ieee.org](http://imat.ieee.org)
  
- Please sign the sheet will be circulated each day

## Task Force 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

## Ground Rules

- Based upon IEEE 802.3 Rules
  - Foundation based upon Robert's Rules of Order (for the Germans in the room “Benimmregeln nach Knigge”)
  - 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

# 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.

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.



## Important Bylaws and Rules

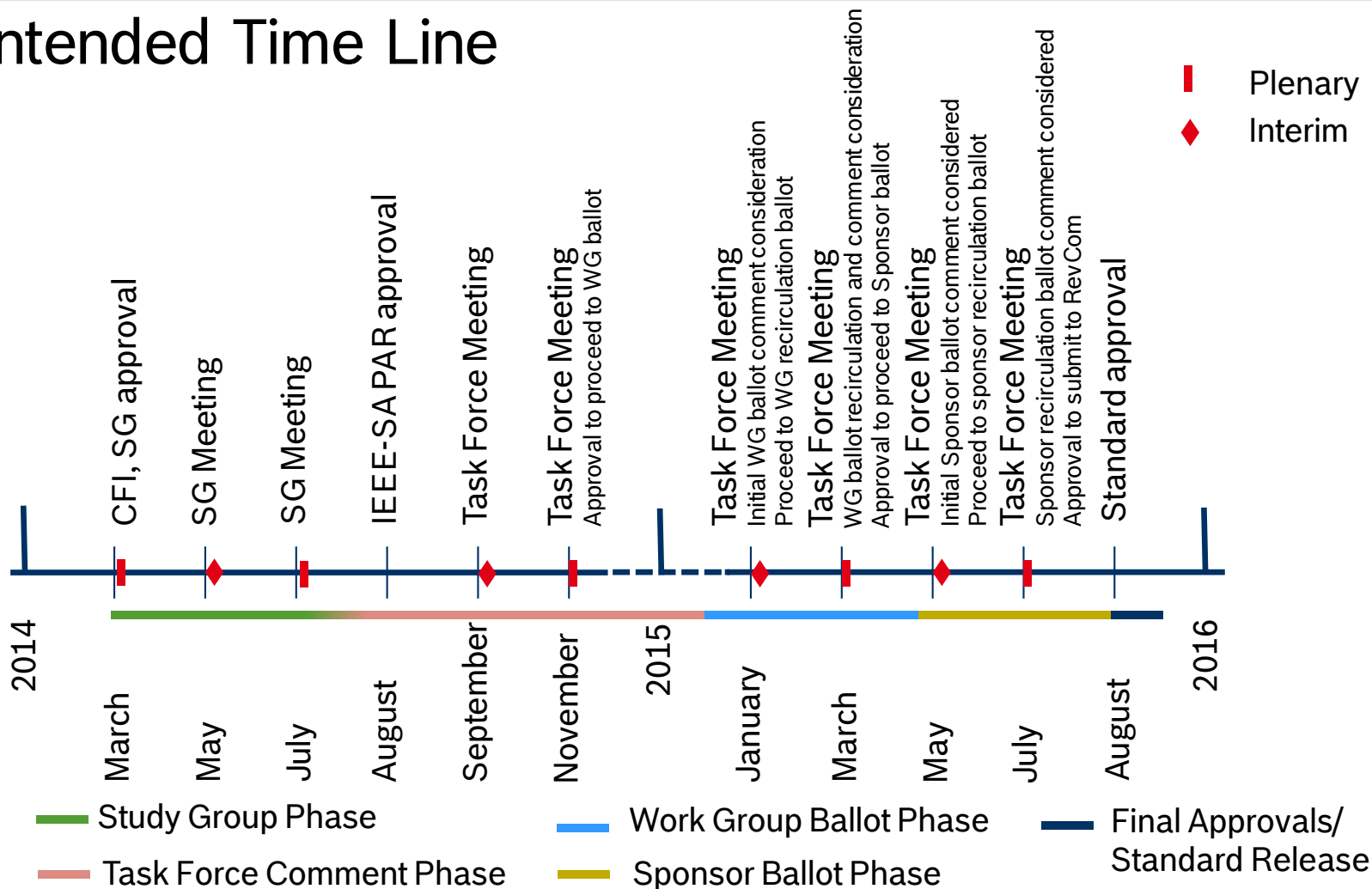
- **IEEE-SA Operations Manual**
  - <http://standards.ieee.org/sa/sa-om.pdf>
- **IEEE-SA Standards Board Bylaws**
  - <http://standards.ieee.org/guides/bylaws/sb-bylaws.pdf>
- **IEEE-SA Standards Board Operations Manual**
  - <http://standards.ieee.org/guides/opman/sb-om.pdf>
- **IEEE 802 LAN/MAN Standards Committee (LMSC) Policies and Procedures**
  - <http://standards.ieee.org/about/sasb/audcom/pnp/LMSC.pdf>
- **IEEE 802 LAN/MAN Standards Committee (LMSC) Operations Manual**
  - [http://www.ieee802.org/PNP/201007/IEEE 802 LMSC OM approved 100716.pdf](http://www.ieee802.org/PNP/201007/IEEE_802_LMSC_OM_approved_100716.pdf)
- **IEEE 802 LAN/MAN Standards Committee (LMSC) Working Group (WG) Policies and Procedures**
  - [http://www.ieee802.org/PNP/201007/IEEE 802 LMSC WG PandP approved 100716.pdf](http://www.ieee802.org/PNP/201007/IEEE_802_LMSC_WG_PandP_approved_100716.pdf)
- **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)



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## Intended Time Line



# Results from Norfolk interim meeting

- Prior Norfolk interim meeting 4 consensus building ad hoc phone conferences were held
- Met on Monday and Thursday May 12<sup>th</sup> and 13<sup>th</sup> in Norfolk
- About 40 people in the room
- Drafted PAR, CSD and objectives
- 2 technical presentations
- 1 presentation on deployed 100 Mb/s OABR PHY
- Straw polls and discussions to reach consensus on PAR, CSD, objectives
- All Motions approved with overwhelming majority: [PAR](#), [CSD](#) and [objectives](#)
- Requested David Law, 802.3WG chair to pre-submit the PAR and CSD (and objectives) to the 802.3 WG and 802 EC
- Special Thanks to Peter Scruton UNH, who act as the recording secretary

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# Discussion and modification on Objective:

- Currently we have the following Objective:
  - Support optional operation with run-time configuration, by allowing time from `power_on**=FALSE` to a state capable of transmitting and receiving valid data to be up to TBD.
- Suggestion to restate:
  - Support optional operation with run-time configuration, that specifies a maximum allowable time (that meets customer requirements) from `power_on**=FALSE` to a state capable of transmitting and receiving valid data