

Future Work Plans

IEEE P802.3bq 40GBASE-T Task Force

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Topics

- Establish a project timeline
- Discussion on contributions needed for forward progress

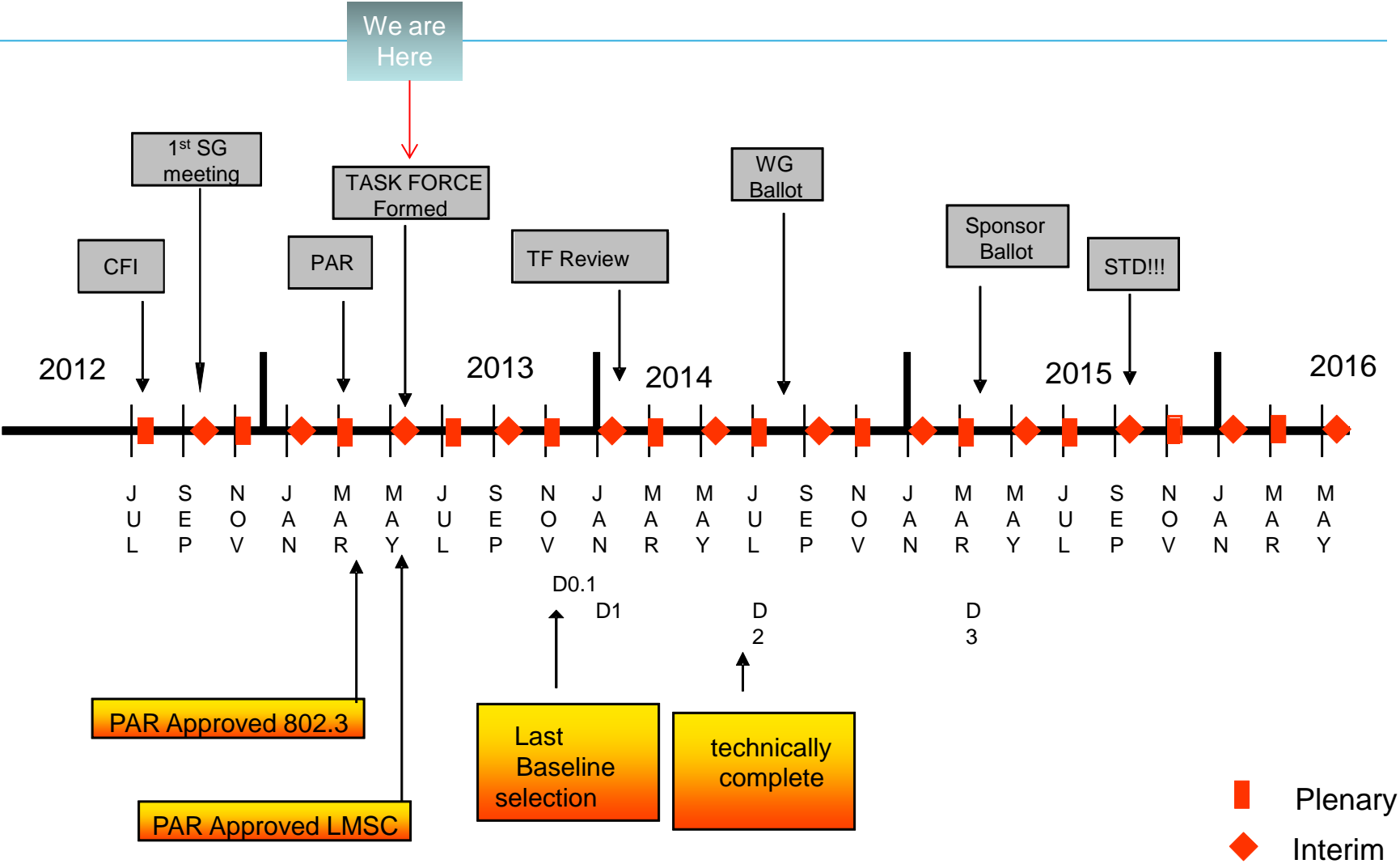
Should We Adopt a Timeline?

- Many 802.3 projects adopt and publish a project timeline
- Helps guide and plan our work
- Communication tool outside the TF
- Not required
- Amendable

Key Factors in the Timeline

- Number of meeting cycles from TF start to adopted baseline proposal
 - Baseline triggers generation of draft
 - Must be approved by the TF, 75%
 - Complete enough to allow editorial staff to write a draft without making stuff up.
 - 4-5 cycles typical
- Number of TF(D1.x) cycles to WG (2.x) ballot
 - Technically Complete before going to WG
 - Going to WG ballot aligned to a plenary meeting; limits options
- Latter stages must be aligned to SASB

It could look something like this



Straw Poll

- I encourage the development of a P802.3bq project timeline for consideration at the next meeting.
- Yes:
- No:
- Don't Care

Making Forward Progress

- The function of the Task Force is to produce a draft standard...
- **We need to develop the ingredients of our baseline proposal**
 - Channel / Link Segment model
 - BW, modulation, coding, FEC, etc.
 - Autonegotiation, EEE, training, management, etc.
- **YOU are the ones who will be doing this work**
 - How do we get there?

What's Needed before D1.0?

- Let's keep the work going between meetings
- Some of this may be in ad hoc, some not
 - Channel specifications
 - Defining modeling channels for PHY evaluation
 - Host channel model
 - Channel vs. PHY complexity
 - Developing baseline
 - Editorial Staff!
- → Open Discussion: What do you need to proceed?

Channel Modeling ad hoc

- Scope & Deliverables include
 - Defining a set of channel models for PHY complexity evaluation, including host channel model
 - Early feedback on key parameters to cabling bodies (Can a parameter be improved? Is a relaxation a cost benefit?)

P802.3bq Ad Hoc Operating Guidelines

- As a subgroup (of a subgroup) of 802.3, 802.3 rules apply
- Ad hocs formed with defined scope & deliverable
- Expected AH-Chair responsibilities include
 - Announce meetings on the reflector, with agenda, call-in info, link to patent policy
 - Record minutes, attendees, call for patents, straw polls. Minutes & materials available to TF members. Ad hoc report out at next TF meetings

Thank You!