

# PAR Project Dates and Possible Timelines

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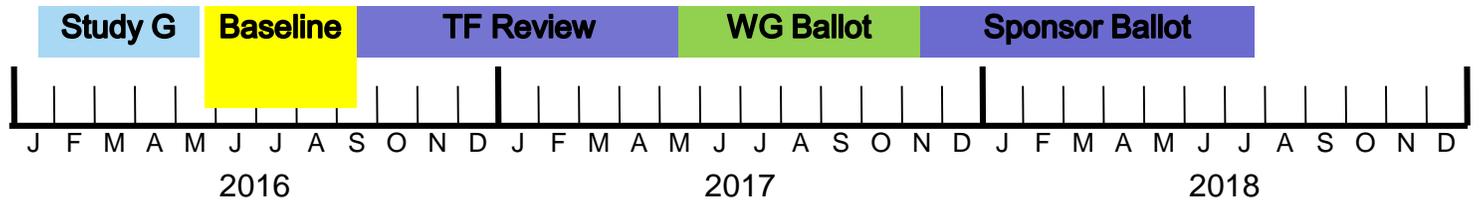
Chair, IEEE 802.3 Beyond 10km Optical PHYs Study Group  
Futurewei, Subsidiary of Huawei

# Introduction

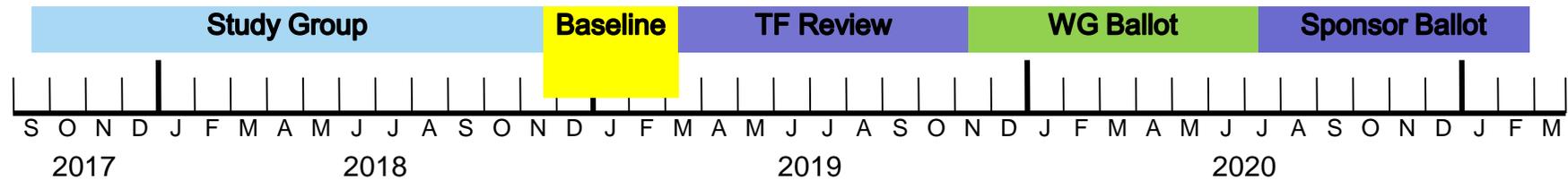
- Presentation is being given with my “Chair” hat on.
  - None of this discussion should be interpreted as an endorsement of any objective or proposal
- Timeline discussion undertaken because
  - Determine PAR Project Dates
    - Item 4.2 Expected date of submission of draft to IEEE-SA for initial Sponsor Ballot
    - Item 4.3 Completion Date for Submittal to RevCom
  - Should one or two projects be considered?
- Different dates have been calculated based on two different scenarios
  - Scenario #1 – the following two scenarios expected to have similar timeline
    - All objectives
    - Objectives related to 80km over a DWDM system (Possible that additional 400 GbE objective may get added at May Interim)
  - Scenario #2
    - Objectives related to 40 km over SMF (Possible that additional 400 GbE objective may get added at May Interim)
- Scenario #1 references 802.3cd timeline
- Scenario #2 references 802.3cc timeline

# Timeline Comparisons

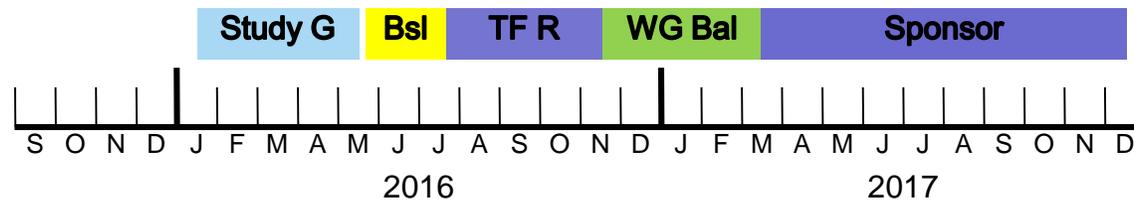
P802.3cd



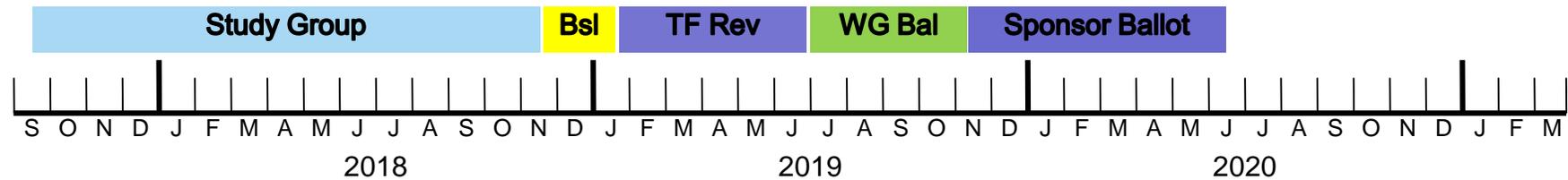
Scenario #1



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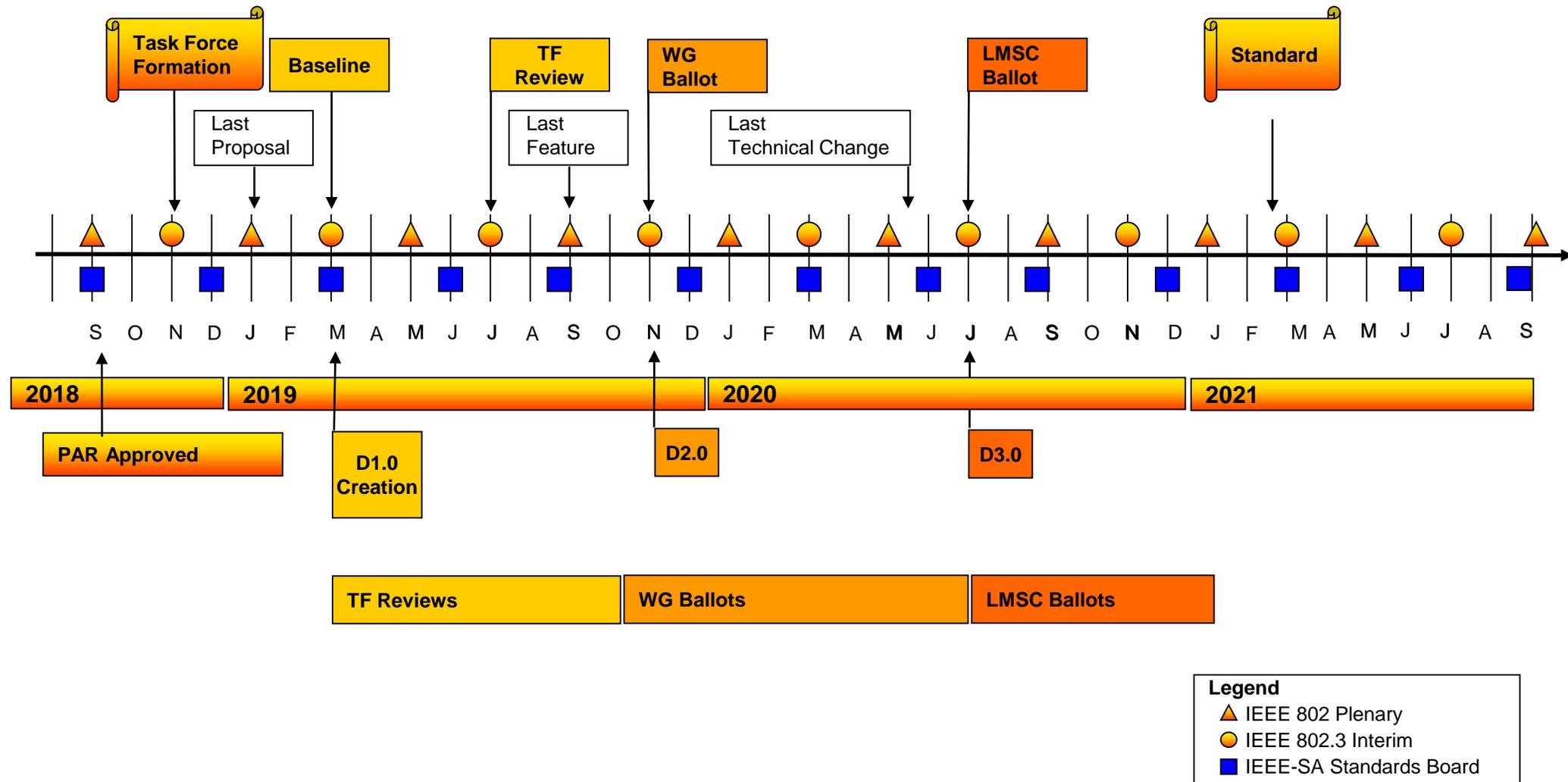


Scenario #2

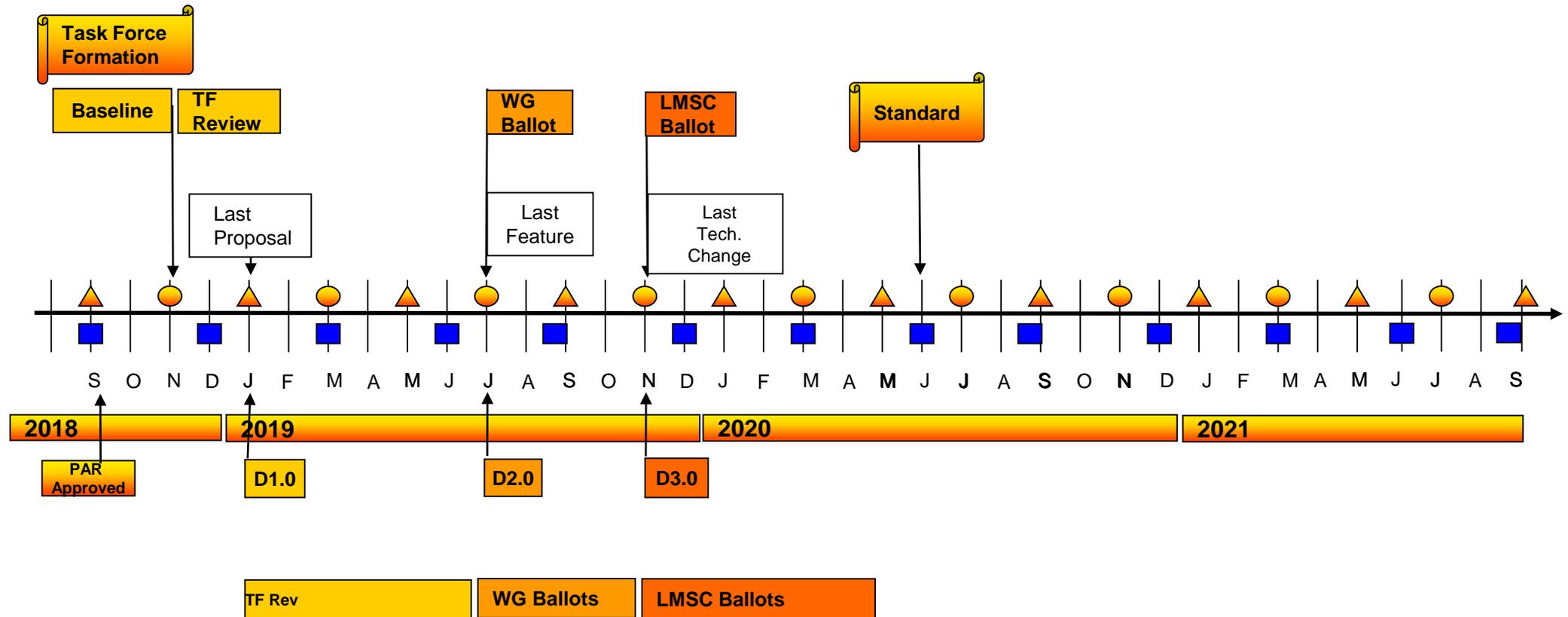


Timelines Diagram Courtesy Pete Anslow

# Scenario #1 – (Single Project or 80km over DWDM System)



# Proposed Timeline #2 – 40 km over SMF



# Summary

- These timelines
  - developed to determine PAR project dates
  - Insight for one versus two projects
- Task Force(s) will determine project(s) timeline(s)

- Recommended PAR Dates

- |  |                   |                 |
|--|-------------------|-----------------|
| – Scenario #1 – all objectives           | Sponsor July 2020 | RevCom Mar 2021 |
| – Scenarion #1 – 80km over a DWDM system | Sponsor July 2020 | RevCom Mar 2021 |
| – Scenario #2 – 40km over SMF            | Sponsor Nov 2019  | RevCom Jun 2020 |

# What happens if a Study Group Creates More than 1 PAR?

- IEEE 802 LMSC P&P, Section 5.4 Standards study groups (<http://standards.ieee.org/about/sasb/audcom/pnp/LMSC.pdf>)
  - The Study Group shall have a defined task with specific output and a specific time frame established within which it is allowed to study the subject. **It is expected that the work effort to develop a PAR will originate in an ECSG or WGSG.** A Study Group shall report its recommendations, shall have a limited lifetime, and is chartered plenary session-to-plenary session. A study group is expected to submit a PAR to the EC for consideration by the 2nd plenary session after its initiation. After the Study Group recommendations have been accepted by the parent body, the Study Group will be disbanded no later than the end of the next plenary session. **A Study Group is disbanded upon approval of the PAR by the IEEE-SA Standards Board.**
- IEEE 802 LMSC Chair's Guidelines, Section 3.2 "When is an SG disbanded if it develops more than one PAR? (<https://mentor.ieee.org/802-ec/dcn/17/ec-17-0120-26-0PNP-ieee-802-lmsc-chairs-guidelines.pdf>)
  - In regards to the phrase "upon approval of the PAR by the IEEE-SA Standards Board" in the last paragraph of Section 5.4 of the IEEE 802 LMSC Policies and Procedures, if an SG has more than one PAR approved by the EC for forwarding to NesCom, **the SG is disbanded when all those PARs have been approved by SASB or at the end of the next plenary session if the SG is not renewed.**