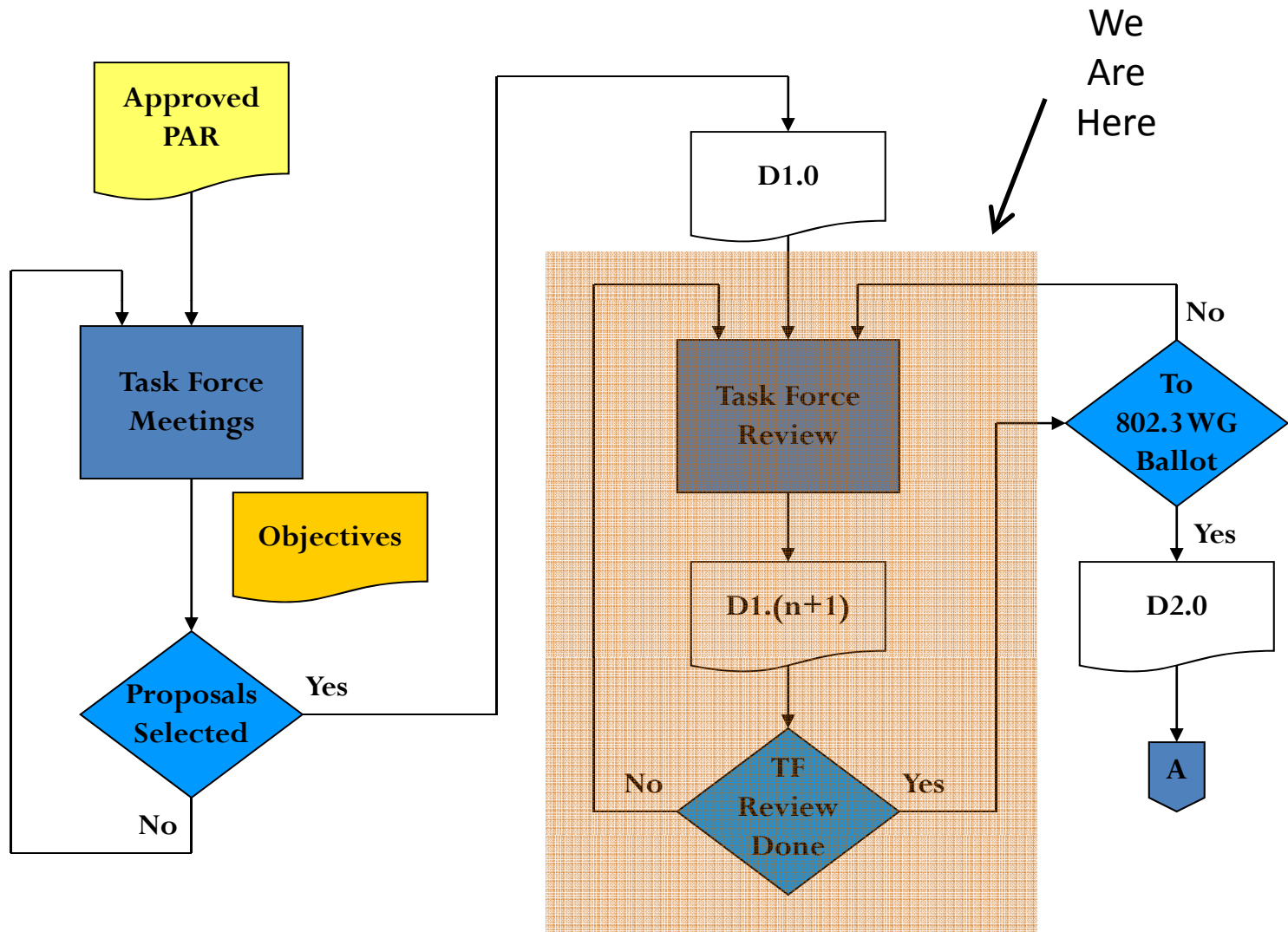


# Channel Specifications and Schedule

John D'Ambrosia, Dell

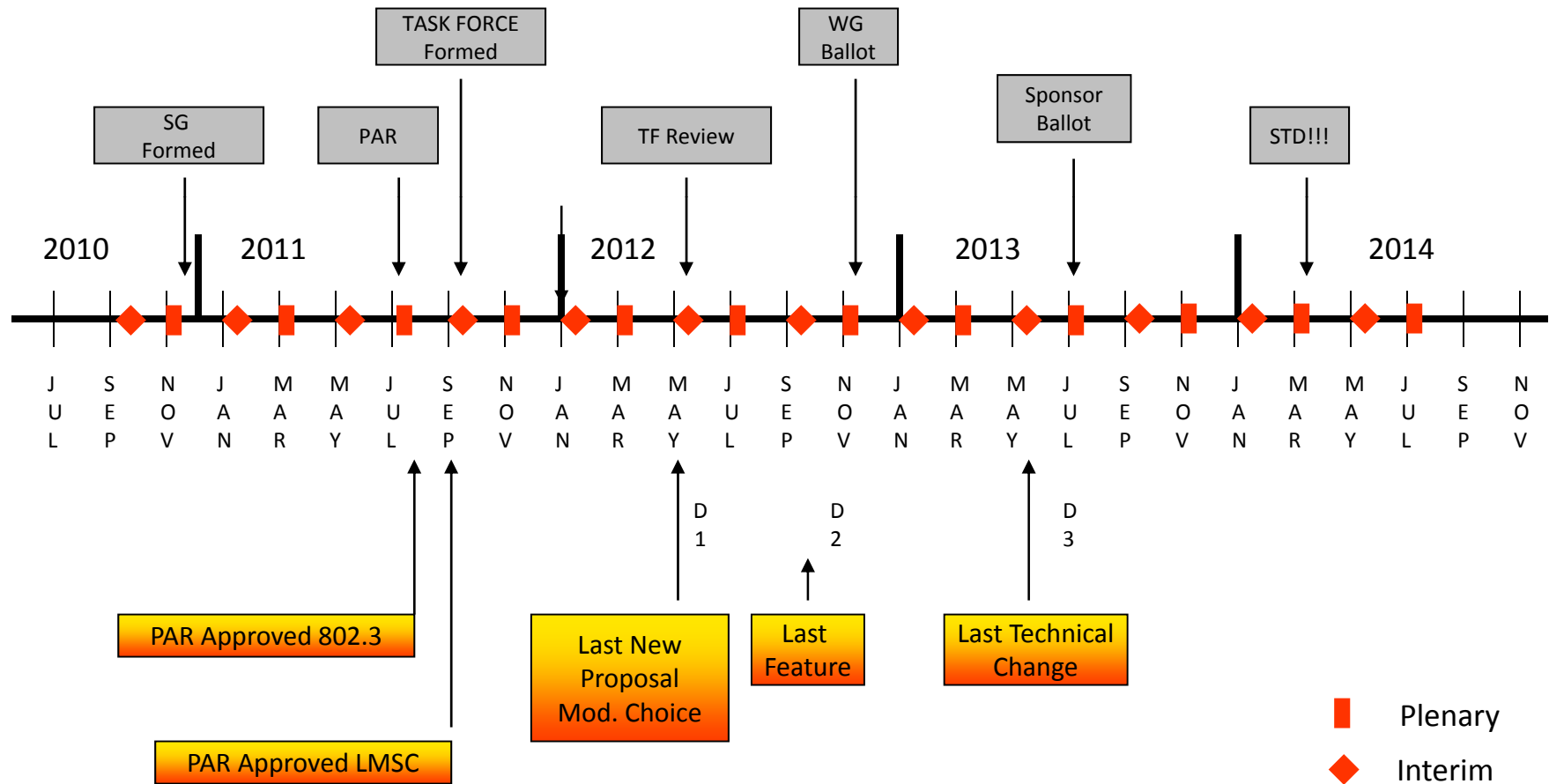
June 15, 2012

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



# Adopted Timeline

Adopted by Task Force @ Sep-11 IEEE 802.3 Interim



# IEEE 802.3 WG Operating Rules:

## 2.8.2 Draft Standard Balloting Requirements

Before a draft is submitted to WG letter ballot it shall in addition have met the following requirements:

- a) **It must be complete with no open technical issues.**
- b) It must be made available for pre-view by the membership by the Monday prior to the plenary week. If any changes are made to the draft after the draft was made available for pre-view the textual changes shall be presented for review during the closing plenary immediately prior to the vote for approval to go to WG ballot.
- c) It must be formatted according to the IEEE style selected by the WG Chair. This style will be selected to minimize the editorial work required for publication of the draft.
- d) It must be approved for submittal to WG ballot at the WG closing plenary.

Note - [http://ieee802.org/3/rules/P802\\_3\\_rules.pdf](http://ieee802.org/3/rules/P802_3_rules.pdf)

# Key Deliverables & Dates

- June 30, 2012
  - Comments against D1.0 Due
- July 15 – 20<sup>th</sup>, IEEE 802 Plenary
  - Resolution of Comments
  - D1.1 Released ?
  - Comments against D1.1 – due ?
- Sept 24 – 28<sup>th</sup>, IEEE 802.3 Interim
  - Resolution of Comments
  - D1.2 Released?
    - Available for preview by Nov 5
  - Comments against D1.2 – due ?
- Nov 15 – IEEE 802.3 Closing Plenary – Request WG Ballot

# Path to WG Ballot

- Chief Editor's May Report Work Items (Partial List)
  - PHY nomenclature
  - Transmitter and receiver characteristics (all PMDs)
  - Medium characteristics (all PMDs)
  - FEC optional or mandatory, arbitration (–CR4, –KR4n)
  - Inter-sublayer signaling over CAUI for EEE
  - PMA and PMD behaviors for EEE
  - Delay and skew limits
  - Management integration
- To get to WG Ballot – technically complete document!

# Medium Characteristics

- Topics
  - Test Points
  - Channel Compliance Methodology
    - Frequency Domain Specifications?
    - Time Domain Specifications?
    - Mathematical algorithm specifications? (Stateeye like)
  - FEC
    - Optional FEC > two sets of Channel specifications
- Impacts Clauses 93 and 94, possibly 92

# Hitting Schedule

- @ July Consensus needed
  - Resolution of all items on chief editor's report
  - test points / channel compliance methodology
- Implement in D1.1
- One comment phase review period
- Technically complete coming out of Sept Interim
- Nov 5 Preview copy



# Possible Delayed Timeline

