Process the work of the Task Force

Yan Zhuang

Huawei Technologies
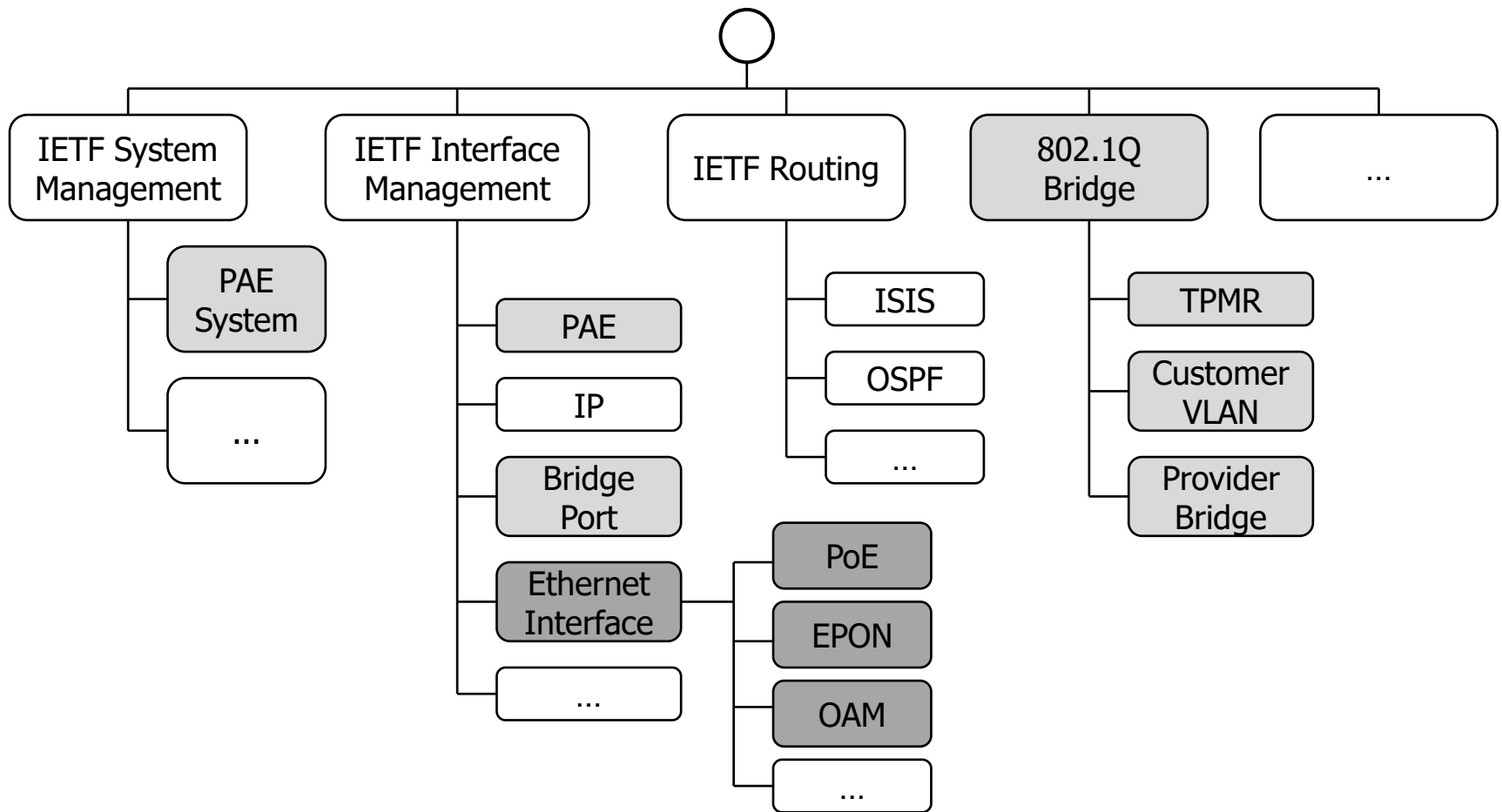
2016 Dec.5 Ad hoc call

Current status

- Task Force is formed and objectives are clear.
- Model progress
  - Ethernet Interface and PSE models have been discussed, but no consensus till now.
  - PON related models are developed in outside SDOs, but EPON model hasn't been discussed in the group.
  - OAM models has not been discussed either.
- Process issue: how to adopt a model
  - Not enough experts with whole background of IEEE 802.3 PHY management, system management and YANG language

Work before January meeting

- Some open questions that should be addressed before the next January IEEE 802 Interim meeting:
  - IEEE 802.3 YANG structure
  - Procedure discussion: How to adopt a model
  - Usage of Github
  - Model discussion
  - Timeline

YANG hierarchical structure

How to define a model

- Attributes
  - Attributes of the physical components that can be accessed by the system to manage/monitor those components.

- Features
  - A component might provide several features

- Model structure
  - How to organize attributes and features in a module
  - Some of them are for configuration, while some are for operational states
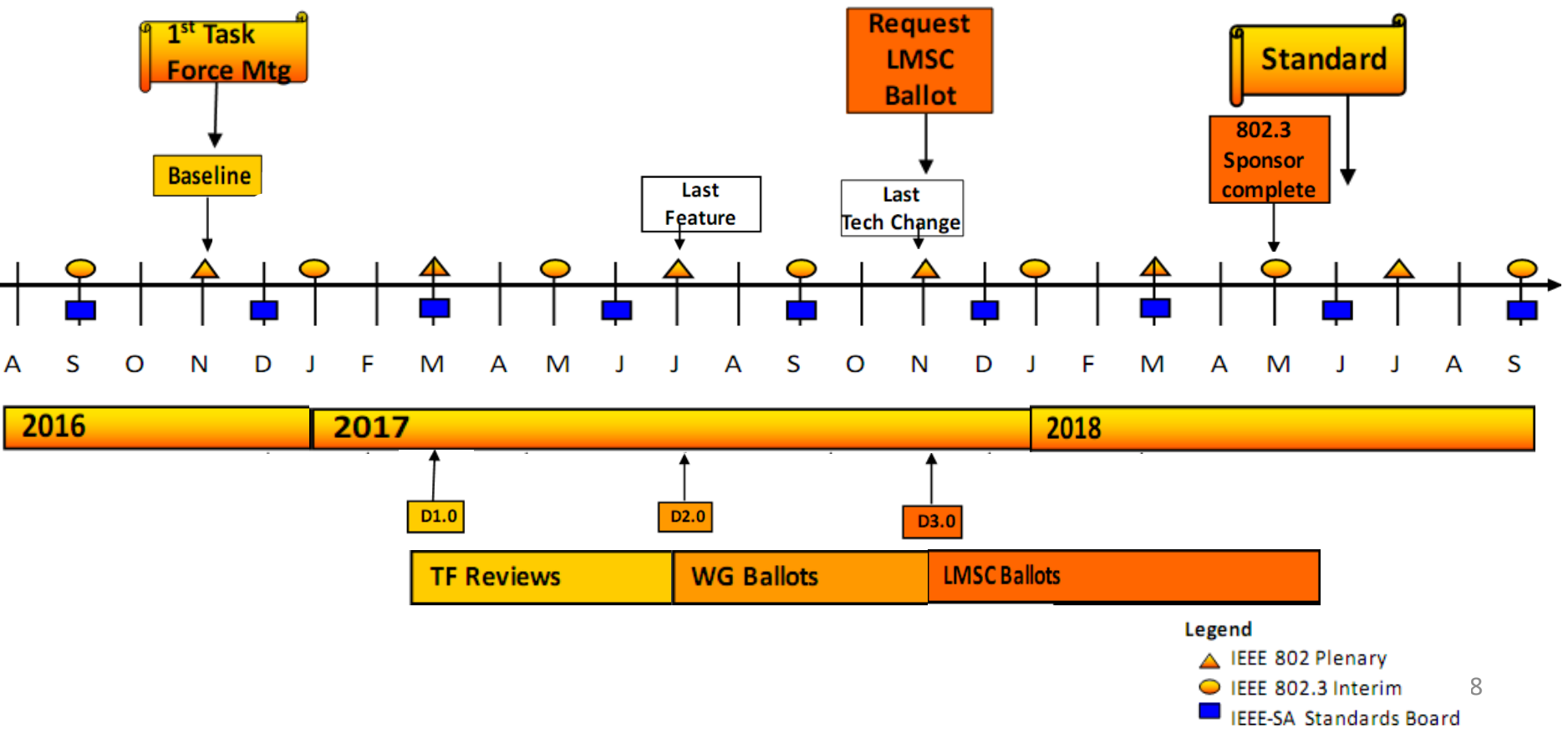
Procedure Discussion
How to adopt a model

- Step 1: get consensus on attributes/features for a function
  - Basic principles (to be discussed):
    - Attributes in modules should be built on the current Clause 30 as much as possible.
    - As a basis, attributes in modules should be referred to attributes in current Clause 30 or can be derived from Clause 45.

- Step2: get consensus on the modeling structure

Usage of the github

- We have a design team github project at https://github.com/8023yangdesignteam/ethernetyang for draft models reviewing.

Draft Timeline

Thank you!