



IEEE 802.3

P802.3by

25 Gb/s Ethernet over a single lane
for server interconnect Task Force

Closing Plenary Report

Berlin, Germany

March 8-14th, 2015

Mark Nowell, Chair

IEEE P802.3by 25 Gb/s Ethernet Task Force

Project information

Task Force Organization

- Mark Nowell, Cisco - IEEE P802.3by Task Force Chair
- Kent Lusted, Intel - IEEE P802.3by Task Force Secretary
- Matt Brown, APM - IEEE P802.3by Task Force Chief Editor

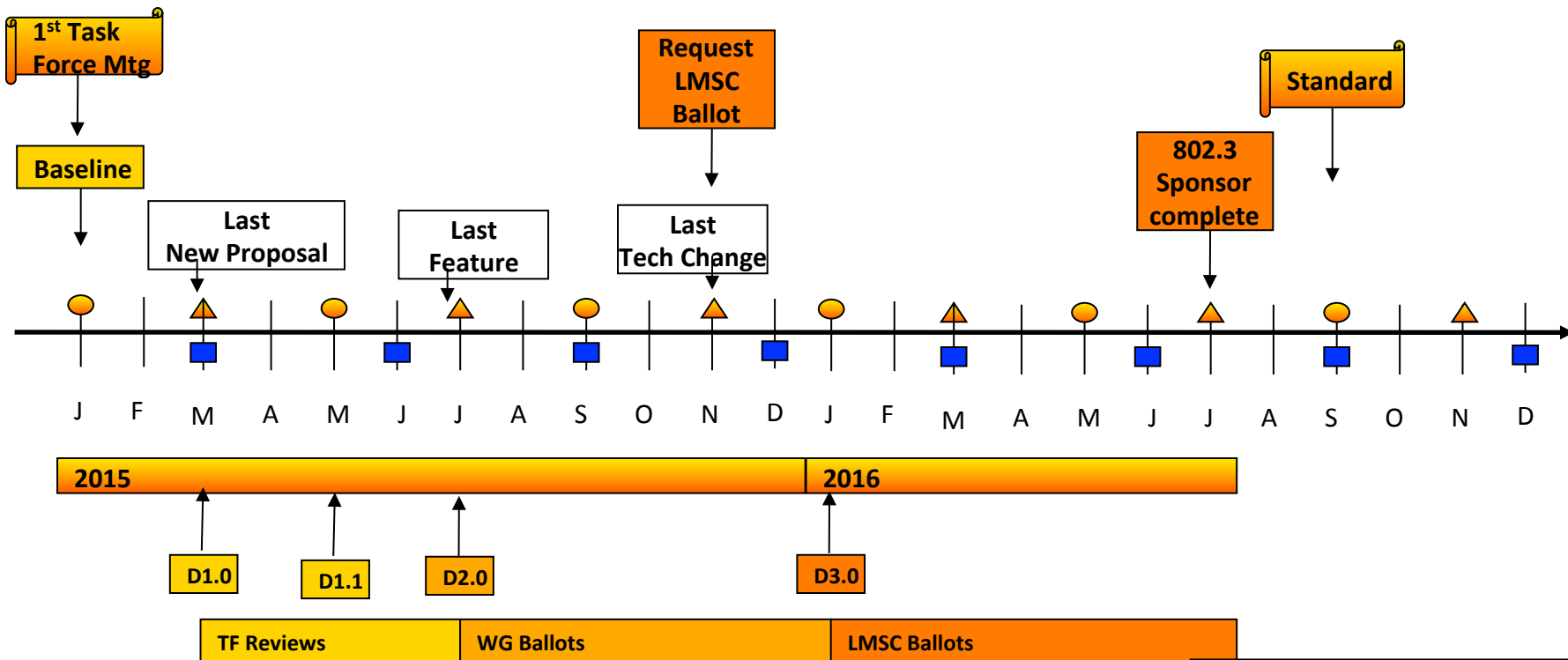
Task force web and reflector information

- Reflector information: <http://www.ieee802.org/3/by/reflector.html>
- Home page: <http://ieee802.org/3/by/index.html>
 - PAR: http://www.ieee802.org/3/by/P802_3by_PAR_approved_121214.pdf
 - CSD: http://www.ieee802.org/3/by/P802_3by_CSD.pdf
 - Objectives: http://www.ieee802.org/3/by/P802_3by_Objectives.pdf
 - Approved timeline: http://www.ieee802.org/3/by/approved_timeline_3by.pdf

Private area: <http://ieee802.org/3/by/private/index.html>

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IEEE P802.3by Task Force Timeline*



* Adopted Jan, 2015

IEEE 802.3 25 Gb/s Ethernet Task Force

Legend	
▲	IEEE 802 Plenary
●	IEEE 802.3 Interim
■	IEEE-SA Standards Board

This week

- 112 attendees
- Informal communication from Ethernet Alliance reviewed and response approved
- Reviewed 14 contributions
- D0.1 Comment resolution
 - All 148 received comments resolved (69 Editorial, 79 Technical)
 - All comments and proposed responses are posted:
<http://www.ieee802.org/3/by/public/comments>
- 1 Straw Poll, 10 Motions. Key ones:
 - Adopt 2 PHY type approach for twin-ax cables (similar for backplane):
 - 25GBASE-CR (mandatory to implement RS-FEC, BASE-R FEC, no-FEC) – 5m objective
 - 25GBASE-CR-S (mandatory to implement BASE-R, no-FEC) – 3m objective
 - Generate D1.0

Moving Forward

- Continuing ad hoc meetings to make progress
 - Wednesdays @ 8am PST. Target to restart in April. Announcements will be sent out over the reflector
- D1.0 will be generated and posted (in ~3-4 weeks).
 - 2nd Task Force review to be conducted
- Target D1.1 out of May Interim which will be pre-submitted to WG for July Plenary for consideration to initiate WG Ballot

Future Meetings & Ad hocs

- Ad-hoc meeting plans
 - Single on-going weekly meetings, all topics (will cycle) – agendas will be published. 90 mins duration.
 - Wed 8-9:30 Pacific
- See: <http://www.ieee802.org/3/interims/index.html>
- May 2015 Interim
 - Week of may 18th, 2015. Pittsburgh, Pa
- July 2015 Plenary
 - July 12-17, 2015. Waikoloa, Hawaii
- Sept 2015 Interim
 - Week of Sept 14th, 2015. Bonita Springs, Florida
- November 2015 Plenary
 - Nov 8-13th, 2015. Dallas, Tx



THANK YOU