



IEEE 802.3 Higher Speed Study Group Wednesday Discussions

Orlando, FL
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Straw Poll #6

- The HSSG has demonstrated economic feasibility for a 10km single-mode PMD at 100 Gb/s.

Results

- Yes - 59
 - No – 0
 - Abstain – 16
-
- Requested by Dan Dove, FO Ad Hoc Chair



Straw Poll #7

- The HSSG has demonstrated economic feasibility for a 100m multi-mode PMD at 100 Gb/s.

Results

- Yes - 47
 - No – 0
 - Abstain – 25
-
- Requested by Dan Dove, FO Ad Hoc Chair

Straw Poll #8

- The HSSG has demonstrated technical feasibility for a 40 km SMF PMD at 100 Gb/s.

Results

- Yes - 30
 - No – 6
 - Abstain – 40
-
- Requested by Dan Dove, FO Ad Hoc Chair

Straw Poll #9

- The HSSG has demonstrated economic feasibility for a 40 km SMF PMD at 100 Gb/s.

Results

- Yes - 12
 - No – 15
 - Abstain – 50
-
- Requested by Dan Dove, FO Ad Hoc Chair

Straw Poll #10

- Does the HSSG believe that the 40km reach objective should be added to HSSG PAR A?

Results

- Yes - 14
- No – 26
- Abstain – 43



Straw Poll #11

- The HSSG should adopt a copper objective

Results

- Yes - 34
- No - 15
- Abstain - 36



Request for Formation of HSSG (as per July '06 Plenary Motion)

Move the IEEE 802.3 Working Group requests formation of a “Higher Speed Study Group” to evaluate definition of greater than 10 Gb/s MAC data rate and related PHY capability to IEEE Std 802.3. The Study Group may recommend one or more PARs.

The Study Group

- Normal function is to draft a complete PAR and Five Criteria
- Provide a plenary week tutorial to the LMSC.
- Gain approval at the WG 802.3, 802 SEC, IEEE NesCom and IEEE-SA Standards Board.
- SG only exists for 6 months
 - ▣ Extensions can be requested, voted on by 802.3, ratified by SEC
- Development of Objectives helps set the goals for the Task Force
- Consensus (>75%) required to move forward

- Not a goal – choosing a solution.

Checkpoint

- How should the HSSG proceed?
 - a) Super Project – everything in one PAR
 - b) Initial Super Project - Split out efforts that lag
 - c) Study and define all PARs simultaneously
 - d) SG continuation – serially spinning out PARs

Straw Poll #12

- Does the HSSG feel that the chair should request to present “PAR A” to the IEEE 802.3WG at the July Plenary?

Results

- Yes – 48
- No - 3
- Abstain - 28