

COORNING

# Straw Polls

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# Several PMDs have been proposed

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- The following PMDs have been proposed
  - VCSEL + OM3 @ 850nm
  - VCSEL + OM3 @ 980nm
  - VCSEL + A4i POF @ 850nm
  - SiP + OM3 @ 1310nm
- Data rates
  - 2.5, 5, 10 and 25G, 40m, 4 in-line connectors (objective)
  - 2.5, 5, 10 and 25G, 15m, 4 in-line connectors
  - 50G, 15m, 2 in-line connectors (objective)
- Decisions must be made in the Task Force soon
  - A series of straw polls is proposed to ascertain consensus

# Proposed process

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- Present proposed straw polls today, June 8
- 802.3cz Task Force to review straw polls
  - Ask questions of the proposer
  - Suggest changes to the proposer
  - Suggest other straw polls
- Vote on the Straw Polls next week, June 15

# Straw Poll #1

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## Straw Poll #1

I will support x number of PMDs for each data rate:

- a) 1
- b) 2
- c) 3
- d) More than 3

**Results:**

- a)
- b)
- c)
- d)

# Straw Poll #2

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## Straw Poll #2

### Chicago rules

**Technical feasibility has been demonstrated for PMDs at  $\leq 10\text{G}$  supporting 40m links with 4 in-line connectors for:**

- a) Short wavelength VCSEL on A4i POF**
- b) Short wavelength VCSEL on OM3**
- c) Long wavelength SiP on OM3**

### Results:

- a)**
- b)**
- c)**

# Straw Poll #3

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## Straw Poll #3

### Chicago rules

**Technical feasibility has been demonstrated for PMDs at  $\leq 25\text{G}$  supporting 40m links with 4 in-line connectors for:**

- a) Short wavelength VCSEL on A4i POF**
- b) Short wavelength VCSEL on OM3**
- c) Long wavelength SiP on OM3**

### Results:

- a)**
- b)**
- c)**

# Straw Poll #4

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## Straw Poll #4

### Chicago rules

**Technical feasibility has been demonstrated for PMDs at  $\leq 50\text{G}$  supporting 40m links with 4 in-line connectors for:**

- a) Short wavelength VCSEL on A4i POF**
- b) Short wavelength VCSEL on OM3**
- c) Long wavelength SiP on OM3**

### Results:

- a)**
- b)**
- c)**

# Straw Poll #5

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## Straw Poll #5

### Chicago rules

**Economic feasibility has been demonstrated for PMDs at  $\leq 10\text{G}$  supporting 40m links with 4 in-line connectors for:**

- a) Short wavelength VCSEL on A4i POF**
- b) Short wavelength VCSEL on OM3**
- c) Long wavelength SiP on OM3**

### Results:

- a)**
- b)**
- c)**



# Straw Poll #6

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## Straw Poll #6 Chicago rules

**Economic feasibility has been demonstrated for PMDs at  $\leq 25\text{G}$  supporting 40m links with 4 in-line connectors for:**

- a) Short wavelength VCSEL on A4i POF**
- b) Short wavelength VCSEL on OM3**
- c) Long wavelength SiP on OM3**

### **Results:**

- a)**
- b)**
- c)**

# Straw Poll #7

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## Straw Poll #7

### Chicago rules

**Economic feasibility has been demonstrated for PMDs at  $\leq 50\text{G}$  supporting 40m links with 4 in-line connectors for:**

- a) Short wavelength VCSEL on A4i POF**
- b) Short wavelength VCSEL on OM3**
- c) Long wavelength SiP on OM3**

### Results:

- a)**
- b)**
- c)**

# Straw Poll #8

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## Straw Poll #8

**I will support a PMD based on the following:**

- a) 2.5, 5, 10 and 25G at 40m with 4 in-line connectors**
- b) 2.5, 5, 10 and 25G at 15m with 4 in-line connectors**
- c) 50G, 15m, 2 in-line connectors**

**Results:**

- a)**
- b)**
- c)**

# Straw Poll #9

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## Straw Poll #9

**I will support a PMD based on the following wavelength:**

- a) 850nm**
- b) 980nm**
- c) 1310nm**
- d) No preference**

**Results:**

- a)**
- b)**
- c)**
- d)**

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