Objective 4

Support interoperability with Clause 147 multidrop

3 May note: UPDATE

- Review after finalizing mixing segment spec?

- Written vaguely

- Support interoperability = using DA device in a CG network

  - "a DA device will properly operate in a CG mixing segment"

- New Proposal: Define a physical layer specification which maintains compatibility with Clause 147 multidrop PHYs on some specified mixing segments.

Objective 6

Select a single MDI connector

- TCI connector text makes this impossible

- Other groups are adopting multiple

- Hearing consensus to delete

Objective 7

Specify improvements for Energy Efficient Ethernet compared to current 10Mb/s multidrop single balanced pair networks

- No improvements have been brought forward.

- Support energy efficient operation for 10Mb/s multidrop networks

Objective 10

PSE shall only energize the mixing segment when at least one PD is connected

- and shall deenergize the mixing segment when a topology change is detected

Objective 11

Support addition and removal of a node or set of nodes to a continuously operating powered mixing segment

- ways to support this in certain situations, but not all situations.
- ~~Enable addition and removal of a DTE to a powered mixing segment without (power interruption)/(reset) to the DTE(s) on the network~~
- Specify device characteristics to necessary to enable addition and removal of a DTE to a powered mixing segment with a quantified ~~limited~~ power interruption