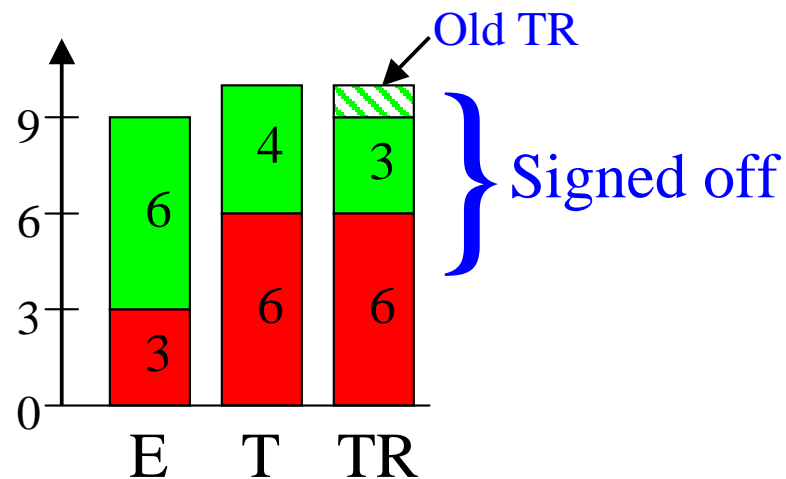# Clause 47 (XAUI) Status

Dawson Kesling, Editor

Comment Resolution

- Resolved all (28) comments
- 7 technical changes approved
- 6 out of 10 TRs signed off*

*Anticipating technical feasibility sign off today

Technical Changes

1. Loopback direction change in Cls. 48

2. Loopback signal change in Cls. 45

3. Data stream direction for PHY XGXS

4. Removed explicit maximum input signal amplitude. Left warning about 1600mV.

5. Clarify a reference to Annex 48B

6. Define vertical position of template

7. Define vertical position for jitter spec

Four remaining TRs

- Differential return loss – Accept in September
  - Strong agreement that we can and should relax spec
  - Gathering data for September decision on how much

- Random jitter – Accept in September
  - Agreement that we can and should move some allocation from the driver to receiver
  - Gathering data for September decision on how much

- CM return loss – Revisit in September
  - Tradeoff between receiver and board-level burden
  - Gathering data and considering implementation alternatives

- Compliance channel – Not yet discussed

XAUI Special Thanks

- Compliance Channel Data
  - Tyco Electronics
- XAUI Jitter
  - Anthony Sanders, Ad Hoc Chairman
  - Tom Lindsay, Technical Guru
- Interoperability
  - John D'Ambrosia, 10GEA group Chair