ITU-T SG15 liaisons to IEEE 802.3

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Liaisons

- 64 - ITU-T standardization work plan for Ethernet related standards
- 65 - Ethernet PHY synchronisation
- 62 - Ethernet 10G LAN PHY

- ftp://ftp.itu.int/tsg15opticaltransport/COMMUNICATIONS/ieee/802.3/index.html

Liaison 64

- Optical Transport Networks & Technologies Standardization Work Plan is a living document.
  - http://www.itu.int/itudoc/itu-t/com15/otn/index.html
- Introduction of terms
  - Metro optical
  - Ethernet frames over transport
  - Carrier class Ethernet
- Summary of current applicable standards
  - ITU-T, IEEE, IETF, OIF, MEF ,...

Liaison 65

- Work is starting in ITU-T to transport operator's clock across Ethernet networks
  - Scope of work still under discussion

- Synchronization status messaging
  - Request to 802.3 for slow protocol codepoint

Liaison 62

- 10G LAN PHY (10G BASE-R) cannot be carried in G.709 ODU2 payload
  - Considered options are lossy
- Request to 802.3
  - Consider a lower bit rate that fits in ODU2 and is compatible with existing 10G LAN PHY
  - Coordination on new rates

Response

- One or more ad-hocs should be formed to respond to these liaisons.