ITU-T SG15 liaisons on Ethernet topics

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ITU-T SG15 Liaisons

- URL to access all liaisons
WP3 Liaisons

- **LS85 - SG15 OTNT Standardization Work Plan**
  - From: Q3/15
  - ITU-T TSAG, SG12, SG13, ATIS, TIA, IEC, IETF ccamp WG, IEEE 802.1, 802.3, OIF, Metro Ethernet Forum, ATM Forum

- **LS100 - Status of ITU-T SG15 Ethernet Recommendations**
  - From: Q12,9/15
  - To: IEEE 802.1, SG13

- **LS93 - G.pactiming**
  - From: Q13/15
  - To: IEEE 802.1, 802.3

- **OUI for EFM OAM for Synchronization Status Messages**
  - From: Q13,9/15
  - To: IEEE RAC, 802.3

- **LS98 - Ethernet ring protection**
  - From: Q13/15
  - To: IEEE 802.1, 802.17, IEC SC65C MT9

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**ITU-T Study Group 15**

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OTNT Standardization Workplan
http://www.itu.int/ITU-T/studygroups/com15/otn/index.html

- Contains
  - list of standardization bodies relevant to optical standardization,
  - a list of known holes/overlaps/conflicts in current work,
  - lists of known Standards and Recommendations
  - a list of documents being actively worked
  - Description of ‘Ethernet over Transport’
# New Ethernet over Transport Recs

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<tr>
<td>G.8001/Y.1354</td>
<td>Terms and definitions for Ethernet Frames over Transport</td>
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<td>G.8021/Y.1341 Am. 1</td>
<td>Characteristics of Ethernet Transport Network Equipment Functional Blocks</td>
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<td>G.8031/Y.1342 (ex. Y.17ethps)</td>
<td>Ethernet Protection Switching</td>
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<td>G.8261</td>
<td>TIMING AND SYNCHRONIZATION ASPECTS IN PACKAGE NETWORKS</td>
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Ethernet protection

- G.8031 "Ethernet Protection Switching"
  - Currently specifies 1+1 and 1:1 point-to-point sub-network connection protection schemes for sub-networks constructed from point-to-point Ethernet VLANs.
Ethernet ring protection

- G.8031 "Ethernet Protection Switching"
  - next version of the G.8031 protection schemes supporting sub-networks constructed from multi-point-to-multi-point Ethernet VLANs will be studied.

- Some ‘ring’ options
  - Based on IEC SC65C MT9
  - IEEE 802.17 (RPR) has defined ring protection for Ethernet
  - RPR enhancement to provide ring protection for specific Ethernet VLANs.
  - Spanning tree

- What is the current status of related 802 projects?
  - This will allow us to consider your ring protection scheme as a possible candidate for protection in Ethernet Transport Networks.
WP1 Liaison

- Liaison regarding higher capacity PONs
  - From: Q2
  - To: 802.3