

A YANG model to manage the optical interface parameters of DWDM applications

draft-dharini-netmod-g-698-2-yang-00

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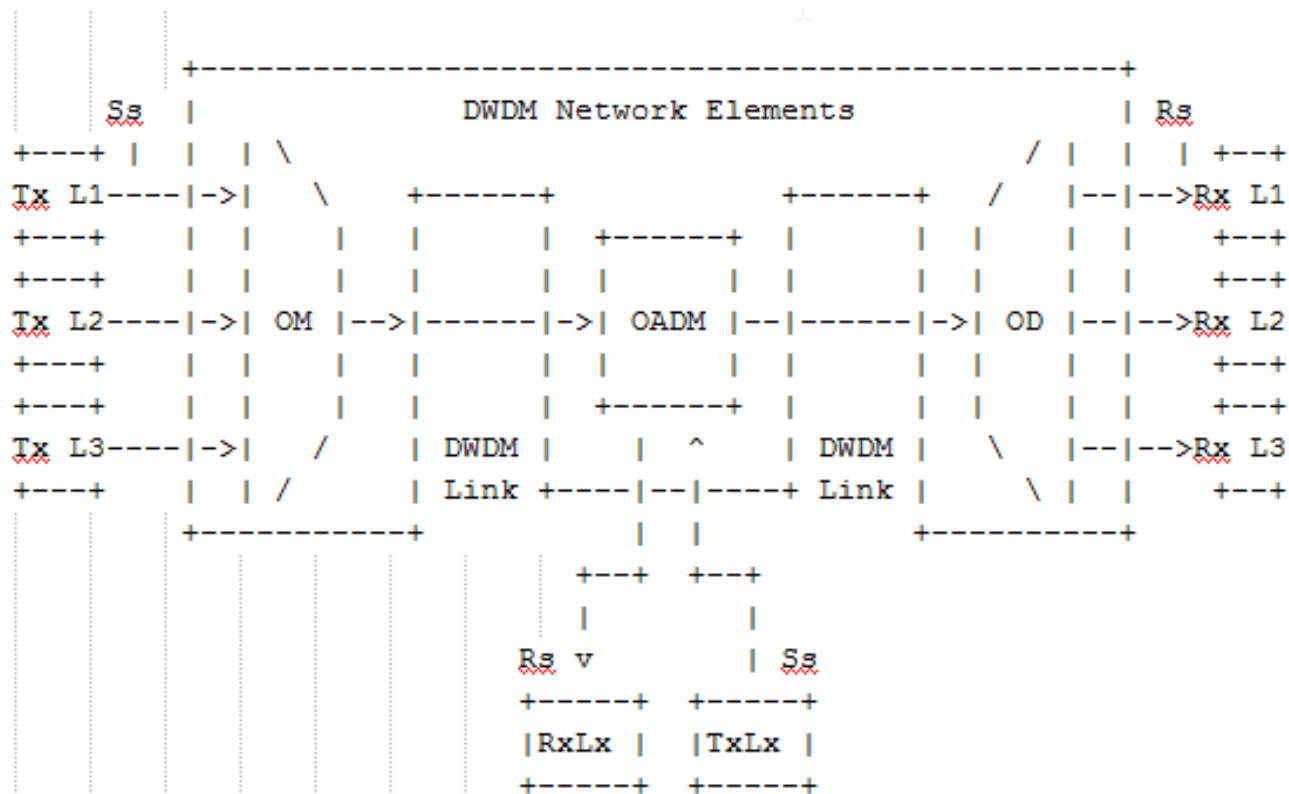
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Document History

- IETF 90: First Draft

G.698.2 aka Black Link



Ss = reference point at the DWDM network element tributary output
Rs = reference point at the DWDM network element tributary input
Lx = Lambda x
 OM = Optical Mux
 OD = Optical Demux
 OADM = Optical Add Drop Mux

Motivation & Problem statement

Problem:

- In the past DWDM was vendor specific for Tx, Rx and line. Optical interoperability was not specified in standards like G.872 and G.874.1
- ITU-T G.698.2 (aka. Black Link) is the first standard defining Multi-vendor interoperability at optical level.
- The Yang model defined in this memo is used for Optical Parameters monitoring and configuration of WDM interfaces.

Motivation:

- Provide a standard way to manage DWDM Interfaces from different vendors

Status

- Yang Module “ietf-opt-if-g698-2” is defined as an extension to ietf interfaces.
- Content aligned with draft-dharinigert-ccamp-g-698-2-imp-07.txt

Next Steps

- Align terminology as indicated by comments on CCAMP list
- Generalize approach for optical interfaces in line with LMP draft -> probably requires re-naming the draft
- Keep alignment with related effort in CCAMP