



# OSPF-TE extensions for GMPLS Control of Evolving G.709 OTN

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CCAMP WG, IETF 82<sup>nd</sup> Taipei

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# Agenda

- Changes since IETF 81<sup>st</sup>
  - From version -06 to -07
  - From version -07 to ccamp -00
    - WG adoption
- Open Issues
- Next steps

# Changes from IETF 81st

- ISCD TLV removed, 3 Sub-TLV in the SCSI:
  - Unreserved Bandwidth for fixed containers
  - Unreserved Bandwidth for variable containers
  - MAX LSP Bandwidth
- Bundling allowed only among homogeneous hierarchies
- TSG – Tributary slot granularity added
- Examples added:
  - MAX LSP bandwidth fields filling in the ISCD
  - TSG, T and S fields utilization
  - Link Bundling

# Open issues

- Using different switching caps for each ODU type
- [RFC2119] language alignment here and there
- Type 2 (unres bandwidth for variable containers) and Type 3 (MAX LSP bandwidth for variable containers always used in tandem?)
- FA advertisements procedure and examples
- Extend TSG fields values to “unstructured traffic”



## Next steps

- Collect feedbacks from the meeting and ML
- Reflect on the ID impacts deriving from TSG/PT discussions
- Keep alignment with OTN Framework and G.709 Info Model/Framework



*QUESTIONS ?*

**THANK YOU**