



Question(s): 11/15

Montreal, 29 June - 10 July 2026

LS
(Ref.: TD248/PLEN)

Source: ITU-T Study Group 15

Title: LS on initiation of approval process for draft revised Recommendations ITU-T G.709.1 and ITU-T G.709.6

LIAISON STATEMENT

For action to:

For information to: OIF, IEEE 802.3

Approval: ITU-T SG15 meeting (Montreal, 10 July 2026)

Deadline: -

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We are pleased to inform you that at our 29 June – 10 July 2026 plenary meeting in Montreal, ITU-T SG15 has initiated the approval process for revisions to Recommendations ITU-T G.709.1 “Flexible OTN common elements” and ITU-T G.790.6 “Flexible OTN B400G and B1T long-reach interfaces”. The consented drafts of these Recommendations are attached for your information.

ITU-T G.709.1 specifies common elements and signal structures used by various types of flexible optical transport network (FlexO) interfaces, both for single vendor applications and multi-vendor interoperable applications. This revision adds a new FlexOPy path networking layer. Overhead fields have been renamed based on function instead of location in the frame structure. 1.6T Ethernet clients and associated mapping procedures have been added. Finally, a new FlexO-xo rate is introduced for OTN applications.

ITU-T G.709.6 specifies the digital frame structure, FEC and probabilistic constellation shaping for a set of interoperable long-reach interfaces. This revision adds Beyond 1T (B1T) long-reach interfaces based on two digital sub-carriers.

ITU-T SG15 looks forward to continued collaboration between our organizations.

Attachments:

- Recommendation ITU-T G.709.1, *Flexible OTN common elements* (TD271R1/P).
- Recommendation ITU-T G.709.6, *Flexible OTN B400G and B1T long-reach interfaces* (TD272R2/P).

Attachments: TD271R1/P and TD272R2/P