



Question(s): 11/15**LIAISON STATEMENT****Source:** ITU-T Study Group 15**Title:** LS on Ethernet preamble and mapping into GFP-F

LIAISON STATEMENT**For action to:** IEEE 802.3**For comment to:** -**For information to:** -**Approval:** ITU-T SG15 meeting (Geneva, 4 April 2014)**Deadline:** 3 August 2014

Contact: Mark Loyd Jones
Rapporteur Q11/15
Tel: +1 214 436 3241
Email: mark.jones@xtera.com

Contact: Steve Gorshe
Associate Rapporteur Q11/15
Tel: +1 503 431 7440
Email: Steve_Gorshe@pmc-sierra.com

The ITU-T SG15 Liaison Rapporteur to IEEE 802.3, described the adopted baseline for the P802.3br project at the recent SG15 meeting (Geneva, 24 March - 4 April 2014). Specifically, he explained that you are considering encoding information into the Ethernet preamble bytes.

We have defined a general mapping for Ethernet frames into transport networks in the Recommendation ITU-T G.7041 – Generic Framing Procedure (<http://www.itu.int/rec/T-REC-G.7041/en>). This mapping does not support preservation of the preamble bytes. Consequently, if Ethernet frames encoded in this way are presented to a transport network using GFP-F mapping, this preamble-encoded information could not be accommodated.

From our understanding, the baseline proposal attempts to negotiate the use of the 802.3br extensions with the preamble information, and if the negotiation is unsuccessful, then the extensions will not be used. Consequently, if 802.3br ultimately uses the preamble for information, a safe baseline requirement would be for the negotiation to fail if it traverses a GFP-F link.

Please consider not using the preamble/SFD or adding a warning to inform the reader of the OTN implications if you continue with the baseline approach.

ITU-T SG15 appreciates the close relationship we have had with IEEE 802.3 across a range of projects and looks forward to continuing this collaboration in the future.

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