



INTERNATIONAL TELECOMMUNICATION UNION

**TELECOMMUNICATION  
STANDARDIZATION SECTOR**

STUDY PERIOD 2017-2020

**SG 15 – LS 15 – E**

**Original: English**

**Question(s):** 2/15

E-meeting, 21 February 2017

**LS**

**Source:** ITU-T Study Group 15

**Title:** Response on wavelength plans and coexistence requirements (reply to the liaison dated 12<sup>th</sup> January 2017)

**LIAISON STATEMENT**

**For action to:** -

**For comment to:** IEEE 802.3ca

**For information to:** -

**Approval:** Q2/15 (E-meeting, 21 February 2017)

**Deadline:** 24 March 2017

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The members of Q2/15 would like to thank IEEE 802.3 for their liaison statement of January. The group considers the development of common optical specifications for optical access networks very important and useful for the industry.

Q2 has only now begun its considerations of future wavelength plans. This is being done as part of a project to develop a supplement text that reviews possible technologies for higher than 10 Gb/s per wavelength. At this stage, the supplement has developed only the modulation techniques section, and a consensus view on wavelength choices has not developed. Q2 is not in a position to comment on particular wavelength plan options at this time. In our next face to face meeting in Kobe, April 26-27, we expect more contributions and discussion on this topic. However, the coexistence capability of future PON systems with existing PON systems (e.g., G-PON, XG(S)-PON, and NGPON2) is a highly prized feature.

The membership of Q2 will continue to work on these issues. We will share any new findings with the 802.3ca group via liaisons and/or company contributions when available.