



INTERNATIONAL TELECOMMUNICATION UNION

**TELECOMMUNICATION
STANDARDIZATION SECTOR**

STUDY PERIOD 2017-2020

SG15-LS38
STUDY GROUP 15
Original: English

Question(s): 11, 13/15

Geneva, 19-30 June 2017

Ref. SG15-TD29R1/PLEN Annex C

Source: ITU-T SG15

Title: Network synchronization and time distribution performance and Transport network protection/restoration (reply to IEEE 1914 - LS 2 (29 November 2016))

LIAISON STATEMENT

For action to: **IEEE1914**

For comment to:

For information to:

Approval: **ITU-T SG15 meeting (Geneva, 30 June 2017)**

Deadline: **29 September 2017**

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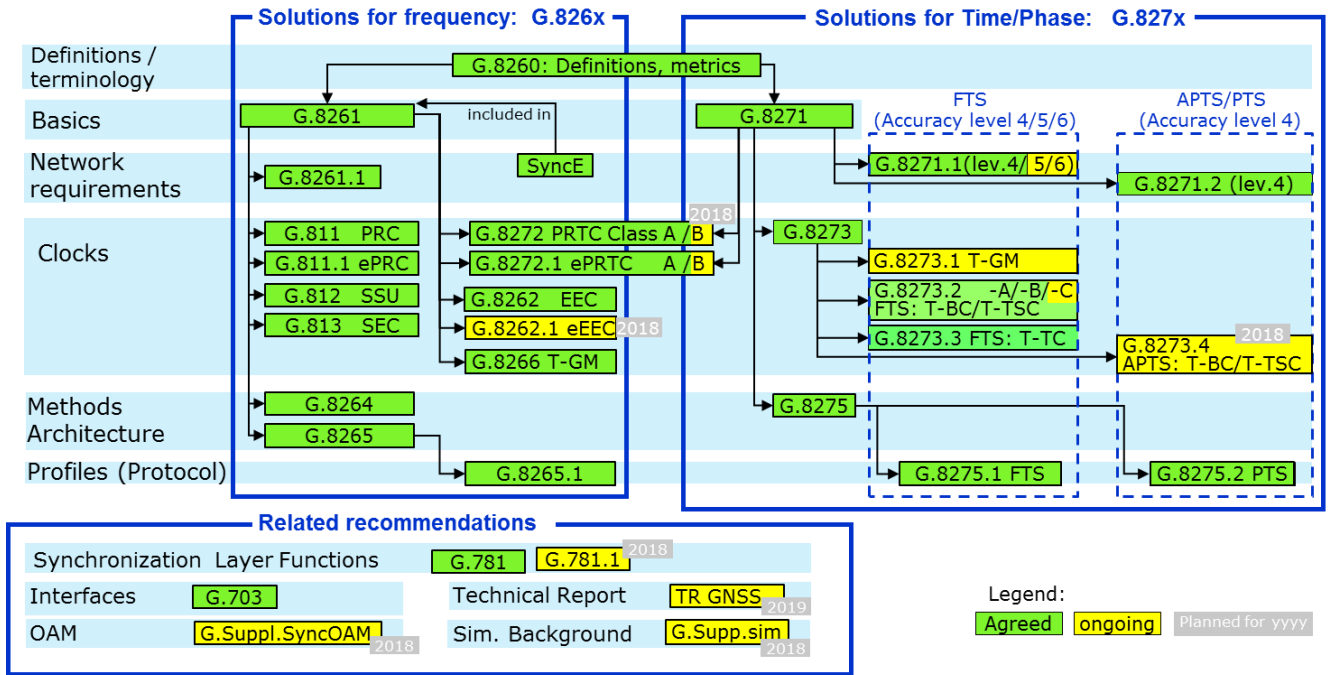
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Q11/15 and Q13/15 thank IEEE 1914 for the liaison (reply to LS/i/r to ITU-T Study Group 15 (reply to SG15-LS382)).

Q11/15 is responsible for transport network interfaces and bit rates. As mentioned in a previous liaison Q11/15 is currently considering the impact of 5G on the evolution of transport networks.

Q13/15 is responsible for Network synchronization and time distribution performance. Over the last years Q13 has developed various Recommendations addressing requirements and solutions for the distribution of frequency synchronization and time synchronization over Telecommunications networks addressing the needs of various applications (e.g. radio base stations).

The following figure presents a summary of the Q13 Recommendations related to frequency synchronization and Phase/Time Synchronization.



ITU-T Recommendations can be downloaded at the following link:

http://www.itu.int/ITU-T/recommendations/index_sg.aspx?sg=15

We would also be interested in receiving a draft of the IEEE1914.1 as soon as you consider it suitable to be shared.