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| **itu-old** | INTERNATIONAL TELECOMMUNICATION UNION | COM 15 – LS 382 – E |
| **TELECOMMUNICATIONSTANDARDIZATION SECTOR**STUDY PERIOD 2013-2016 |  |
| **English only****Original: English** |
| **Question(s):** | 2, 11/15 |  |
| **Ref.: TD 605 (PLEN/15) Annex Q** |
| **Source:** | ITU-T Study Group 15 |
| **Title:** | Transport of CPRI and future mobile interfaces |
| **LIAISON STATEMENT** |
| **For action to:** |  |
| **For comment to:** | IEEE 1914, CPRI TWG, 3GPP RAN3, IEEE 802.1 TSN |
| **For information to:** | ITU-T FG IMT2020 |
| **Approval:** | ITU-T SG15 (Geneva, 30 September 2016) |
| **Deadline:** | 31 January 2017 |
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ITU-T SG15 has created two documents related to the transport of CPRI:

[G.Sup55](http://www.itu.int/rec/T-REC-G.Sup55/en) (07/15) “Radio-over-fibre (RoF) technologies and their applications” provides general information on radio over fibre (RoF) technologies and their applications in optical access networks. Q2/15 is now developing a Recommendation G.RoF to further define this approach.

[G.Sup56](http://www.itu.int/rec/T-REC-G.Sup56/en) (02/16) “OTN transport of CPRI signals” which describes mapping CPRI into OTN.

During the Q11/15 meeting in September 2016, a number of contributions were discussed highlighting a number of technical topics related to the transport of CPRI and future mobile interfaces over OTN. Some of these topics are listed below:

- Frequency and timing transfer accuracy requirements

- Transport of mixed payloads together with CPRI

- Future mobile network interfaces

- Latency and delay asymmetry

It was reported during the Q11/15 meeting that your SDO is discussing the functionality split and interfaces between the radio unit and the baseband unit.

We would appreciate your liaising to us your findings and relevant documents that will help us to progress our work to progress on the transport of CPRI and future mobile interfaces over OTN.

We thank you for your assistance on this matter and look forward for a fruitful cooperation.

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