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|  | INTERNATIONAL TELECOMMUNICATION UNION | COM 15 – LS 114 – E |
| **TELECOMMUNICATIONSTANDARDIZATION SECTOR**STUDY PERIOD 2013-2016 |  |
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| **Question(s):** | 12, 14/15 |  |
| **LIAISON STATEMENT(Ref. TD114/GEN)** |
| **Source:** | ITU-T Study Group 15 |
| **Title:** | LS on SDN activity in SG15 |
| **LIAISON STATEMENT** |
| **For action to:** | IEEE 802.1 |
| **For comment to:** | - |
| **For information to:** | - |
| **Approval:** | ITU-T SG15 meeting (Geneva, 4 April 2014) |
| **Deadline:**  | 1 November 2014 |
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SG15 has become aware of the IEEE 802.1 project “P802.1CF - Network reference model for IEEE 802 access network”. We note that IEEE 802.1 is considering referencing ITU-T Rec. I.130 ‘Stage 2’ process to provide a mapping of the existing IEEE 802 protocols to a functional network model and then use that model to develop an SDN abstraction of the IEEE 802 access network. We suggest that you consider SG15 models. For Ethernet these include ITU-T G.8010, G.8021, G.8031, G.8032, G.8011, G.8012, G.8051 and G.8052.

In SG15 we have been evaluating the application of SDN in the transport network for the past year and, at this meeting, have agreed to begin work on a Recommendation - G.asdtn Architecture for SDN control of transport networks. ITU-T G.asdtn will describe the reference architecture for SDN control of transport networks applicable to both connection-oriented circuit and/or packet transport networks. The architecture will be described in terms of abstract components and interfaces that represent logical functions (abstract entities versus physical implementations).

Please keep us informed on the progress of your work in IEEE 802.1.

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