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| **itu-old** | INTERNATIONAL TELECOMMUNICATION UNION | COM 15 – LS 251 – E |
| **TELECOMMUNICATIONSTANDARDIZATION SECTOR**STUDY PERIOD 2013-2016 |  |
| **English only****Original: English** |
| **Question(s):** | 18/15 |  |
| **Ref.: TD 371 (PLEN/15) Annex 14** |
| **Source:** | ITU-T Study Group 15 |
| **Title:** | LS on the new work item ITU-T G.vlc: High speed indoor visible light communication transceiver specifications |
| **LIAISON STATEMENT** |
| **For action to:** |  |
| **For comment to:** | - |
| **For information to:** | CCSA, HomeGrid Forum, IEEE 802.15, Broadband Forum |
| **Approval:** | ITU-T SG15 meeting (22 June – 3 July 2015) |
| **Deadline:** | 23 October 2015 |
| **Contact:** | Les BrownRapporteur Q18/15Huawei, China | Tel: +1 (905) 826-4248Email: lesbrown@sympatico.ca |
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We would like to inform you that ITU-T Q18/15 has initiated a new project to study high-speed visible light communication (VLC) for in-premises applications. The outcome of the study may result in one or more new Recommendations or amendments to existing Recommendations developed by ITU-T Study Group 15.

The deliverables specify the system architecture and functionality for all components of VLC transceivers designed for the high-speed optical wireless transmission of data using visible light. Specifically, it defines:

− architectures;

− reference models;

− profiles;

− physical layer specifications;

− data-link layer specifications.

Considering your potential interest in this area, we will keep you updated on the progress of our work.

Our next face-to-face meeting will be held from 26 to 30 October 2015 in Seoul.

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