|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **itu-old** | INTERNATIONAL TELECOMMUNICATION UNION | | | | | | COM 15 – LS 251 – E | |
| **TELECOMMUNICATION STANDARDIZATION 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 Brown  Rapporteur Q18/15  Huawei, China | | | | Tel: +1 (905) 826-4248  Email: [lesbrown@sympatico.ca](mailto:lesbrown@sympatico.ca) | |
|  | | | | | | | |

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.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_