**IEEE P802.15**

**Wireless Personal Area Networks**

|  |  |  |
| --- | --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | Draft Reply to ITU-T liaison statement in 15-15-518r0 | |
| Date Submitted | September 2017 | |
| Source | Volker Jungnickel (HHI) | Voice: [ ] Fax: [ ] E-mail: [ ] |
| Re: | [If this is a proposed revision, cite the original document.]  [If this is a response to a Call for Contributions, cite the name and date of the Call for Contributions to which this document responds, as well as the relevant item number in the Call for Contributions.]  [Note: Contributions that are not responsive to this section of the template, and contributions which do not address the topic under which they are submitted, may be refused or consigned to the “General Contributions” area.] | |
| Abstract | [Draft reply to itu-t liaison statement in doc. 15-15-0518-00-007a] | |
| Purpose | [Input into a letter sent by the WG Chair to ITU-T Q18 SG15] | |
| Notice | This document has been prepared to assist the IEEE P802.15. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. | |
| Release | The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by P802.15. | |

In response to the letter from ITU-T Q18 Study Group 15, contained in doc. 15-15-0518-00-007a (<https://mentor.ieee.org/802.15/dcn/15/15-15-0518-00-007a-itu-t-q18-15-liaison-request-on-owc.docx>) we would like to inform you that IEEE 802.15 has formed a task group TG13 on Multi-Gigabit/s Optical Wireless Communications at its May meeting in Daejeon, Korea.

The standard will defines a Physical (PHY) and Media Access Control (MAC) layer using light wavelengths from 10,000 nm to 190 nm in optically transparent media for optical wireless communications. The standard is capable of delivering data rates up to 10 Gbit/s at distances in the range of 200 meters unrestricted line of sight. It is designed for point to point and point to multi point communications in both non-coordinated and coordinated topologies. For coordinated topologies with more than one peer coordinator there will be a master coordinator. The standard includes adaptation to varying channel conditions and maintaining connectivity while moving within the range of a single coordinator or moving between coordinators.

TG13 would be interested in receiving an update on the progress of your work. Specifically, we are interested in the mutual exchange of information in the form of a joint meeting to get a better understand of the objectives, status and timelines in both groups.

We suggest arranging a meeting co-located around one of our next meetings, which are:

* November 5-10, 2017, Caribe Hotel and Convention Center, Orlando, FL, USA
* January 14-19, 2018, Hotel Irvine, Irvine, CA, USA.

If this does not match, please suggest other dates and meeting venues to the TG13 Chair, Volker Jungnickel (volker.jungnickel@hhi.fraunhofer.de> ).