**IEEE P802.15**

**Wireless Personal Area Networks**

|  |  |
| --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | **Call for Proposals for OWC Channel Models** |
| Date Submitted | May, 2015 |
| Source | Yeong Min Jang (Kookmin University) |  |
| Re: |  |
| Abstract | The document is a call for proposals to provide a channel model that can be used to evaluate OWC technical contributions. |
| Purpose | The document is a call for proposals to provide a channel model that can be used to evaluate OWC technical contributions. |
| 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. |

**IEEE802.15.7r1 is soliciting channel models for Optical Wireless Communications.** In particular, we are interested in hearing contributions for LiFi and/or Optical Camera Communications (OCC) channel models (LED-ID is not specifying a specific channel model).  The definition of LiFi and OCC, along with task group’s PAR and CSD, can be found at the IEEE802.15.7r1 home web page <http://www.ieee802.org/15/pub/IEEE%20802_15%20WPAN%2015_7%20Revision1%20Task%20Group.htm> .

The channel model document may be submitted for presentation at the July or the September 2015 IEEE802.15.7r1 meeting in anticipation of selection of one or more channel models during the September 2015 meeting.

RELEASE DATE: May 2015

PRESENTATION DATE: July or September 2015

Information in regards to the July and September2015 meeting can be found at: <http://grouper.ieee.org/groups/802/15/pub/Meeting_Plan.html>

PRESENTATIONS:

All submissions should be provided in softcopy, written in MS Word and/or MS PowerPoint, following the IEEE802.15 approved templates available at <http://grouper.ieee.org/groups/802/15/pub/Download.html> . The authors must present their contributions in person to allow committee members an opportunity to cross examine the proposals.

Please obtain a valid task group document number and upload your contribution to the document server at <https://mentor.ieee.org/802.15/documents>  .

Please contact Yeong Min Jang (yjang@kookmin.ac.kr ), the task group chairman, and Rick Roberts (richard.d.roberts@intel.com ), task group vice chairman, with all questions and needs for clarifications.

Please respond to this channel model call by the beginning of the July or September 2015 meeting.  The July and September presentation agenda will be set at the opening session of the July and September 2015 optical wireless communications task group meeting.