**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
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| Abstract | [Description of document contents.] |
| Purpose | [Description of what the author wants P802.15 to do with the information in the document.] |
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| C:\Users\rdrobert\Documents\RRoberts\IEEE802\802.15\TG 7 R1\Jan 2015\Documents\OLD\IEEE 802_15 WPAN 15_7 Amendment Study Group_files\ieee802-15%20logo.jpg |  | IEEE 802.15 WPANTM15.7 Revision: Short-Range Optical Wireless Communications Task Group (TG 7r1) |
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 |  | **Overview**IEEE 802.15 has formed a Task Group to write a revision to IEEE 802.15.7-2011 that accommodates infrared and near ultraviolet wavelengths, in addition to visible light, and adds options such as: * **Optical Camera Communications** which enables scalable data rate, positioning/localization, and message broadcasting, etc. using devices such as the flash, display and image sensor as the transmitting and receiving devices (defined [here](https://mentor.ieee.org/802.15/dcn/15/15-15-0095-00-0007-what-is-optical-camera-communications.pdf)).
* **LED-ID** which is wireless light ID (Identification) system using various LEDs (defined here).
* **LiFi** which is high-speed, bidirectional, networked and mobile wireless communications using light (defined here).

**Current Status**The IEEE P802.15.7r1 Short-Range Optical Wireless Communications Task Group Project Authorization Request (PAR) was approved in December 2014 and can be viewed [here](https://mentor.ieee.org/802.15/dcn/15/15-15-0064-00-0007-p802-15-7-revision-par-approved-2014-12-10.pdf). The Criteria for Standards Development (CSD) can be viewed [here](https://mentor.ieee.org/802.15/dcn/14/15-14-0216-03-007a-draft-csd-for-ieee-802-15-sg7a-occ.docx). The first meeting of the task group took place in January 2015.**How to participate**IEEE P802.15.7r1 meets six times per year (every two months) and information regarding these meetings can be found [here](http://grouper.ieee.org/groups/802/15/pub/Meeting_Plan.html).**Schedule Estimates**IEEE P802.15.7r1 is expecting to issue a call for proposals near the end of 2015, with a first draft of the standard for letter balloting near the end of 2016 and finalization of the standard near the end of 2017. The current schedule can be found [here](https://mentor.ieee.org/802.15/dcn/15/15-15-0003-00-0007-suggested-15-7r1-milestones-and-schedule.pptx).**Information**The standards process is contribution driven and relevant documents are always welcomed. Document submittal is simple by using the standard IEEE 802.15 approved templates available [here](http://grouper.ieee.org/groups/802/15/pub/Download.html).Please obtain a valid study group document number and upload your contribution to the document server [here](https://mentor.ieee.org/802.15/documents).Please note that submission of copyrighted, confidential or proprietary material is prohibited. Double check for "Confidential" or "Proprietary" boilerplate before you push the "upload" button!  **Who to contact with questions** * **Task Group Chairman:**Yeong Min Jang
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* **Task Group Technical Editors:** Jaesang Cha, Murat Uysal
* **Task Group Secretaries:**Nicola Serafimovski, Rojan Chitrakar

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