**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **Suggested Webpage Text** | |
| Date Submitted | January 2015 | |
| Source | [Roberts, Richard D] [Intel] [address] | Voice: [ ] Fax: [ ] E-mail: [ ] |
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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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|  |  | IEEE 802.15 WPANTM15.7 Revision: Short-Range Optical Wireless  Communications Task Group (TG 7r1) |
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| [**WPAN Home Page**](http://ieee802.org/15/index.html)   |  | | --- | | [IEEE Wireless Zone](http://standards.ieee.org/wireless/) | | [IEEE 802.11 WLAN](http://ieee802.org/11/) | | [IEEE 802.16 WMAN](http://ieee802.org/16/) | | [IEEE 802.18 RR TAG](http://www.ieee802.org/18/) | | [IEEE 802.19 Coex TAG](http://ieee802.org/19/) | | [IEEE 802.20 MBWA](http://ieee802.org/20/) | | [IEEE 802.21 MIHS](http://ieee802.org/21/) | | [IEEE 802.22 WRAN](http://ieee802.org/22/) | | [IEEE 802.23 ES](http://ieee802.org/23/) | | [IEEE 802 LMSC](http://ieee802.org/) | | [IEEE-SA](http://standards.ieee.org/)  [IEEE-SA PAT COM](http://standards.ieee.org/board/pat/) | | [IEEE-ISTO](http://www.ieee-isto.org/) | | [IEEE](http://www.ieee.org/) | |  | **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](mailto:yjang@kookmin.ac.kr) * **Task Group Vice Chairman:**[Rick Roberts](mailto:richard.d.roberts@intel.com), Yu [Zeng](mailto:zengyu@ctbri.com.cn) * **Task Group Chief Technical Editor:**[Rick Roberts](mailto:richard.d.roberts@intel.com) * **Task Group Technical Editors:** [Jaesang Cha](mailto:chajs@seoultech.ac.kr), [Murat Uysal](mailto:murat.uysal@ozyegin.edu.tr) * **Task Group Secretaries:**[Nicola Serafimovski](mailto:nikola.serafimovski@purelifi.com), [Rojan Chitrakar](mailto:rojan.chitrakar@sg.panasonic.com)   The Institute of Electrical and Electronics Engineers, Inc. |

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