**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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|  |  | IEEE 802.15 WPANTM15.7 Revision: Short-Range Wireless Optical  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 additional PHY options such as Optical Camera Communications and High Rate OFDM. Optical Camera Communications (OCC) 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. Data rates higher than the base standard are also possible using modulation formats such as OFDM to send data via an LED light.  **Current Status**  The IEEE P802.15.TG7r1 Short-Range Wireless Optical 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 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.SG7a 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**  TG7r1 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:**TBD * **Task Group Technical Editor:**[Rick Roberts](mailto:richard.d.roberts@intel.com) * **Task Group Secretary:**TBD   The Institute of Electrical and Electronics Engineers, Inc. |

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