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| **Radiocommunication Study Groups** |  |
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| Source: Document 1A/TEMP/47 (edited)  Subject: Recommendation on Optical Wireless Communication |  |
| **18 June 2021** |
| **English only** |
| ITU-R Working Party 1A | |
| Liaison statement to IEEE 802.15 Working Group AND IEC | |
| Request for information on standards referenced in the working document towards a preliminary draft new Recommendation  on Optical Wireless Communication | |

In June 2018, ITU-R approved Report ITU-R SM.2422-0 on Visible light for broadband communications.

Optical Wireless Communication (OWC) may be an important alternative option that could ease the pressure on the radio spectrum that is now in use for communications. OWC technologies offer a promising solution for indoor and in some cases wireless broadband communication over a distance up to a few meters.

ITU-R Working Party (WP) 1A is currently developing a Recommendation containing elements to be taken into account when implementing Optical Wireless Communication (OWC).

A working document towards a preliminary draft new Recommendation on the issue is attached as an Annex to this liaison statement.

Since a number of standards under responsibility of your organization are referred to in this working document, WP 1A would like to ask you kindly to check if the referred standards are correct.

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| **Status:** For action | |
| **Deadline:** Preferably prior to the next WP 1A meeting planned on 3-12 November 2021. | |
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**Annex:** Working document towards a preliminary draft new Recommendation ITU-R SM.[OPTICAL WIRELESS] – Complementing current radio frequency delivery mechanisms using Optical wireless communication   
(see [Annex 12](https://www.itu.int/dms_ties/itu-r/md/19/wp1a/c/R19-WP1A-C-0133!N12!MSW-E.docx) to Document [1A/133](https://www.itu.int/md/R19-WP1A-C-0133/en)).

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