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| U.S. Radiocommunications Sector  Fact Sheet | | |
| **Working Party:** ITU-R WP 5B | **Document No:** USWP5B33-21 | |
| **Ref:** WRC-27 AI 1.15 | **Date:** October 8, 2024 | |
| **Document Title:** Proposed draft liaison statement to Working Party 7B for Agenda Item 1.15 | | |
| **Author(s)/Contributors(s):**  Andrew Meadows  AFSMO  Dominic Nguyen  eSimplicity for AFSMO  Victory Nguyen  eSimplicity for AFSMO | | Phone: 334-467-4720  E-mail: andrew.meadows.1@us.af.mil  Phone: 703-606-7394  E-mail: dominic.nguyen@esimplicity.com  Phone: 443-535-3942  E-mail: victory.nguyen@esimplicity.com |
| **Purpose/Objective:** This contribution proposes a draft liaison statement to WP 7B regarding AI 1.15 to assist WP 7B with its planning for sharing and compatibility studies. | | |
| **Abstract:** Pursuant to Resolution **680 (WRC-23)**, in preparation for Agenda Item 1.15 (**WRC-27**), this contribution proposes a draft reply liaison statement to WP 7B with relevant technical information of systems operating in-bands or adjacent bands, as appropriate, to the proposed frequency bands under WRC-27 AI 1.15. In addition to characteristics provided in the previous liaison statement, WP 7B/49, 5B would like to include two additional documents, Recommendation ITU-R M.1462-1 “Characteristics of and protection criteria for radars operating in the radiolocation service in the frequency range 420-450 MHz” and Recommendation ITU-R M.1796-3 “Characteristics of and protection criteria for radars operating in the radiodetermination service in the frequency band 8 500-10 680 MHz”. | | |
| **Fact Sheet Preparer:** Dominic Nguyen | | |

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| **Radiocommunication Study Groups** |  |
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| **English only** |
| United States of America | |
| proposed draft reply liaison statement to Working party 7B  **Relevant technical information for sharing studies under WRC-27 Agenda Item 1.15** | |
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**Introduction**

WRC-27 Agenda Item 1.15 considers possible new or modified space research service (space-to-space) allocations, for future development of communications on the lunar surface and between lunar orbit and the lunar surface, in accordance with Resolution **680 (WRC 23)**. In addition to the information provided in a previous liaison statement (7B/49), this contribution provides technical information of systems operating in-band and adjacent bands to the proposed frequency bands under WRC-27 AI 1.15.

Attachment: 1

ATTACHMENT

# Working Party 5B

PROPOSAL DRAFT REPLY LIAISON STATEMENT TO WORKING PARTY 7B

**Relevant technical information for sharing studies under WRC-27 Agenda Item 1.15**

Working Party (WP) 5B thanks WP 7B for its liaison statement ([Document 5B/23](https://www.itu.int/md/R23-WP5B-C-0023/en)), requesting the characteristics and protection criteria of the systems operating in-bands and adjacent bands, as appropriate, to the proposed frequency bands under WRC-27 AI 1.15, for sharing and compatibility studies.

In addition to the information provided in a previously sent liaison statement ([Document 7B/49](https://www.itu.int/md/R23-WP7B-C-0049/en)), WP 5B would also like to send two additional documents, Recommendations ITU-R M.1462-1 and M.1796-3. The documents provide relevant technical information of systems operating in the frequency bands 420-450 MHz and 8 500-10 680 MHz, respectively.

**Recommendation ITU-R M.1462-1** Characteristics of and protection criteria for radars operating in the radiolocation service in the frequency range 420-450 MHz (01/2019)

**Recommendation ITU-R M.1796-3** Characteristics of and protection criteria for radars operating in the radiodetermination service in the frequency band 8 500-10 680 MHz (02/2022)

WP 5B requests to be kept informed on the progress of the studies under WRC-27 agenda item 1.15 and will provide to WP 7B any relevant updated information, before 31 December 2024 deadline, for studies under this WRC-27 agenda item.

Status: For information and action if needed

Contact: TBD E-mail: TBD