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| U.S. Radiocommunications Sector  Fact Sheet | | |
| **Working Party:** ITU-R WP 5B | **Document No:** USWP5B32-02 | |
| **Ref:** WRC-27 AI 1.7 | **Date:** February 8, 2024 | |
| **Document Title:** Proposed draft liaison statement to Working Party 5D | | |
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| **Purpose/Objective:** This contribution proposes a draft liaison statement to WP 5D regarding AI 1.7, to consider studies on sharing and compatibility and develop technical conditions for the use of International Mobile Telecommunications (IMT) in the frequency bands 4 400-4 800 MHz, 7 125-8 400 MHz (or parts thereof), and 14.8-15.35 GHz taking into account existing primary services operating in these, and adjacent, frequency bands, in accordance with Resolution **256 (WRC-23)**. This contribution provides an initial response which will allow WP 5D to proceed with its planning. | | |
| **Abstract:** Pursuant to Resolution **256 (WRC-23)**, in preparation for Agenda Item 1.7 (**WRC-27**), this contribution proposes a draft reply liaison statement to WP 5D with relevant technical information of the aviation systems (ARNS radio altimeters and AM(R)S wireless avionics intra-communication systems) operating in the adjacent frequency band 4 200-4 400 MHz and the Detect and Avoid (DAA) systems and airborne weather radar in the nearby ARNS frequency band 15.4-15.7 GHz. | | |

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| **Radiocommunication Study Groups** |  |
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| **14 May 2024** |
| **English only** |
| United States of America | |
| proposed draft reply liaison statement to Working party 5D  **Relevant technical information for sharing studies under WRC-27 Agenda Item 1.7** | |
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**Introduction**

WRC-27 Agenda Item 1.7 considers studies on sharing and compatibility and develop technical conditions for the use of International Mobile Telecommunications (IMT) in the frequency bands 4 400-4 800 MHz, 7 125-8 400 MHz (or parts thereof), and 14.8-15.35 GHz taking into account existing primary services operating in these, and adjacent, frequency bands, in accordance with Resolution **256 (WRC-23)**. This contribution proposes a draft reply liaison statement to WP 5D with relevant technical information of the aviation systems (ARNS radio altimeters and AM(R)S wireless avionics intra-communication systems) operating in the adjacent frequency band 4 200-4 400 MHz and the Detect and Avoid (DAA) systems and airborne weather radars in the nearby ARNS frequency band 15.4-15.7 GHz.

Attachment: 1

ATTACHMENT

# Working Party 5B

PROPOSAL DRAFT REPLY LIAISON STATEMENT TO WORKING PARTY 5D

**Relevant technical information for sharing studies under WRC-27 Agenda Item 1.7**

Working Party (WP) 5B thanks WP 5D for its liaison statement in Document 5B/XXX.

TBD

Status: For information and action, as appropriate

Contact: TBD E-mail: TBD