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| U.S. Radiocommunications Sector  Fact Sheet | | |
| **Working Party:** ITU-R WP 5B | **Document No:** USWP5B31-xx | |
| **Ref:** 5B/731 Annex 9 on AI 1.7 | **Date:** January 31, 2023 | |
| **Document Title:** PDN Report ITU-R M.[SPACE-VHF], Space-based aeronautical VHF communications in the frequency band 117.975-137 MHz | | |
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| **Purpose/Objective:** This contribution provides updates to the PDN Report for WRC-23 AI 1.7 pursuant to Resolution 428 (WRC-19), on a possible new AMS(R)S allocation to accommodate the relay of VHF communications in frequency band 117.975-137 MHz. | | |
| **Abstract:** Pursuant to Resolution 428 (WRC-19), this contribution provides updates (particularly, to propose a coordination threshold to ensure the protection of the in-band AM(R)S systems) to the PDN Report for WRC-23 AI 1.7 on a possible new AMS(R)S allocation to accommodate the relay of VHF communications in frequency band 117.975-137 MHz. | | |

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| **Radiocommunication Study Groups** |  |
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| Preliminary draft new report ITU-r m.[space-vhf]  **Space-based aeronautical VHF communications in the frequency band 117.975-137 MHz** | |
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**Introduction**

Pursuant to Resolution 428 (WRC-19), this contribution provides updates (particularly, to propose a coordination threshold to ensure the protection of the in-band AM(R)S systems) to the PDN Report for WRC-23 AI 1.7 on a possible new AMS(R)S allocation to accommodate the relay of VHF communications in frequency band 117.975-137 MHz.

Attachment: 1

ATTACHMENT

preliminary draft new report itu-R m.[space-vhf]

**Space-based aeronautical VHF communications in the  
 frequency band 117.975-137 MHz**