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| **US Radiocommunication Sector****FACT SHEET** |
| **Working Party:** ITU-R WP 5B | **Document No:** USWP5B-26/6 |
| **Reference:** WRC-23 AI 1.1; 5B/225; 5B/17 | **Date:** 1 February 2021 |
| **Document Title:** Proposed Reply Liaison Statement to WP 5D  |
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| **Purpose/Objective:** The purpose of this document is to propose a Liaison Statement to WP 5D regarding system characteristics for AI 1.1. |
| **Abstract:** In document 5B/17 WP 5D called for aeronautical mobile service and maritime mobile service characteristics to be used in studies for Agenda Item 1.1. During the previous two WP 5B meeting, multiple draft liaison statements were drafted and discussed amongst the participants. The overall discussion could not reach consensus, however the meeting agreed to send a LS to WP 5D (5D/399) pointing to the two attachments in the chairman’s report (Annexes 35 & 36) regarding the work being done for this topic. This contribution seeks to send an updated response to WP 5D for use in studies under Agenda Item 1.1.  |
| **Fact Sheet Preparer:** Taylor King |

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| **Radiocommunication Study Groups** |  |
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| Source: Documents 5B/225 Annex 35 & 36Subject: WRC-23 agenda item 1.1 | **Document 5B/XX-E** |
| **XX May 2021** |
| **English only** |
| **United States of America** |
| draft REPLY liaison statement to working party 5D WRC-23 AGENDA ITEM 1.1 |
| **Characteristics of aeronautical systems and maritime systems operating in or adjacent to thefrequency band 4 800-4 990 MHz** |

**Introduction:**

In document 5B/17 WP 5D called for aeronautical mobile service and maritime mobile service characteristics to be used in studies for Agenda Item 1.1. During the previous two WP 5B meeting, multiple draft liaison statements were drafted and discussed amongst the participants. The overall discussion could not reach consensus, however the meeting agreed to send a LS to WP 5D (5D/399) pointing to the two attachments in the chairman’s report (Annexes 35 & 36) regarding the work being done for this topic. In this LS it was noted that “WP 5B intends to submit the final characteristics of these systems at its next meeting scheduled before June 2021.” WP 5B should follow up with another LS confirming what systems they would like to be considered for studies under agenda item 1.1.

**Proposal:**

The United States proposes that *ITU-R* WP 5B consider the attached proposed draft liaison statement be sent to *ITU-R* WP 5D confirming the information sent in the previous liaison statement (5D/399).

**Attachments:** 1

ATTACHMENT

draft REPLY liaison statement to working party 5D
WRC-23 AGENDA ITEM 1.1

**Characteristics of aeronautical systems and maritime systems operating in or adjacent to the frequency band 4 800-4 990 MHz**

Working Party (WP) 5B would like thank WP 5D for its LS (Document 5B/248). WP 5B appreciates being kept informed of the progress made with regards to the Working Document Towards a Preliminary Draft New Report ITU-R M.[CONDITIONS 1.1]. WP 5B has reviewed the content of this LS and will seek to provide comments at a later date. If further progress is made on this Working Document in the future, then WP 5B would appreciate being kept informed and will take such information into consideration.

In addition, WP 5B notes that in a previous liaison statement (Document 5D/399) sent to WP 5D a follow up reply regarding characteristics and protection criteria was warranted with regards to the June 2021 deadline.

WP 5B would like to bring to the attention to WP 5D that Recommendation ITU-R [M.2116-0](https://www.itu.int/rec/R-REC-M.2116-0-201801-I/en) contains certain technical and operational characteristics as well as protection criteria for systems in the aeronautical mobile service in the frequency band 4 800- 4 990 MHz.

Without prejudging regulatory conditions in the band 4 800-4 990 MHz for AMS stations located in the international airspace, technical characteristics in the above-mentioned document may be used for sharing studies, taking into account that the frequency band 4 800-4 990 MHz is a part of the tuning range 4 400-4 990 MHz for the AMS stations and is subject to RR No. **5.442**.

The current version of Recommendation ITU-R [M.2116-0](https://www.itu.int/rec/R-REC-M.2116-0-201801-I/en) only contains characteristics for aeronautical mobile service systems, however WP 5B is currently updating Recommendation ITU-R M.2116-0 to include characteristics of additional existing systems for aeronautical mobile as well as maritime mobile systems operating under the same Mobile service allocation. This information can be found in Annex XX of WP 5B Chairman’s Report (Document 5B/YY).

WP 5B looks forward to continued collaboration with WP 5D on the progress of WRC-23 agenda item 1.1.

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| **Status:** For action |
| **Deadline:** [Date] |
| **Contact:** [TBD] | **E-mail:** [TBD] |

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