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| **US Radiocommunications Sector**  **Fact Sheet** | |
| **Working Party:** WP 5B | **Document No:** USWP5B26-17 |
| **Ref:** Recommendation ITU-R M.2135-0 | **Date:** 02 March 2021 |
| **Document Title:** Preliminary Draft Revision of Recommendation ITU-R M.2135-0  Technical characteristics of autonomous maritime radio devices operating in the frequency band 156-162.05 MHz | |
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| **Purpose/Objective:** The purpose of this document is to provide contributions towards a Preliminary Draft Revision of Recommendation ITU-R M.2135-0 (AMRD). | |
| **Abstract:** This document provides a detailed technical update to Recommendation ITU-R M.2135-0. This Recommendation was published to support the work of the WRC-19. This Recommendation lacks sufficient details to define an AMRD Group B. This contribution will provide the technical characteristics required to define an AMRD Group B and how it should operate on channel 2006. | |

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| **Radiocommunication Study Groups** |  |
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| Preliminary Draft Revision of Recommendation ITU-R M.2135-0 | |

1. **Introduction**

This contribution provides the editorial changes and technical content to Recommendation ITU-R M.2135-0. This Recommendation was published to support the work of the WRC-19. This Recommendation lacks sufficient details to define an AMRD Group B. This contribution provides the technical characteristics required to define AMRD Group B and how it should operate on channel 2006.

1. **Summary of changes**

Listed below are the proposed changes to Recommendation ITU-R M.2135-0:

1. The Recommendation has been updated to reflect the decisions made at the World Radiocommunication Conference 2019.
2. Additional transmitter characteristics have been added to Annex 2.
3. A channel access scheme has been defined for Annex 2.
4. A transmission message structure has been defined for Annex 2.
5. Modified Annex 3 transmitter duty cycle to be compatible with the Annex 2 transmitter duty cycle since they could possibly occupy the same channel.
6. **Attachments**

The following attachment contains the proposed changes to Recommendation ITU-R M.2135-0. The changes proposed are contained in the attached document.

