# UNCLASSIFIED

# MEMORANDUM

# U.S.R.S.

# **NC 2662**

# 1 June 2023

# **TO:** ITU-R National Committee

**FROM:** U.S. Department of State – CIP/MA

# **SUBJECT:** Proposed Contributions to ITU-R Working Party 5B

The following documents, prepared for submission to the meeting of ITU-R Working Party 5B (10 July - 21 July 2023), is provided for review/comment by the National Committee.

If a document listed below did not achieve consensus in U.S. Working Party 5B, and achieves consensus among the interested parties during the National Committee review period, send the consensus document to Paul Najarian (najarianpb@state.gov) for distribution to the ITU-R listserv, with a copy also sent to Charles Glass (CGlass@ntia.gov) and Louis Bell (Louis.Bell@fcc.gov).

The proposed contributions are embedded in this memo in the tables below and are accessible at <https://uspreps.ntia.gov/wp5b/national-committee-memo-number-2662-itu-r-wp5b-july-2023>.

The 15 documents listed in the following table achieved consensus within U.S. Working Party 5B:

| **Number USWP5B31** | **Document Title** | **Document** |
| --- | --- | --- |
| 01 | WD-PDN Report relating to various aspects of use of radiocommunications for suborbital vehicles [SUBORBITAL VEHICLES STUDIES] |  |
| 02 | PDN Report ITU-R M.[SPACE-VHF], Space-based aeronautical VHF communications in the frequency band 117.975-137 MHz |  |
| 03 | Proposed updates to Working Document towards a Preliminary Draft New Report, ITU-R M.[RADAR SIMULATIONS], “Simulations of performance for specific primary surveillance radars” |  |
| 04 | PRELIMINARY DRAFT REVISION OF RECOMMENDATION ITU-R M.1851-1  Mathematical models for radiodetermination radar and aeronautical mobile systems antenna patterns for use in interference analyses |  |
| 05 | Estimate Radar Bandwidth for Noise Power Calculation |  |
| 08 | PRELIMINARY DRAFT NEW REPORT ITU-R M.[UA\_PFD] - Review of power flux-density limits in accordance with resolves 16 of Resolution 155 (WRC-15) |  |
| 09 | Sharing of the frequency band 15.4-15.7 GHz between RLS radars and future non-safety AM(OR)S systems |  |
| 10 | Draft new Recommendation ITU-R M.[AMS CHARACTERISTICS\_1 780-1 850 MHz] - Technical characteristics and protection criteria for systems operating in the aeronautical mobile service within the frequency range 1 780-1 850 MHz |  |
| 11 | Preliminary Draft Revision of Recommendation ITU-R M.2116-0, “Technical characteristics and protection criteria for the aeronautical mobile service systems operating within the 4 400-4 990 MHz frequency range” |  |
| 12 | Preliminary Draft Revision of Recommendation ITU-R M.1638-1, “Characteristics of and protection criteria for sharing studies for radiolocation (except ground based meteorological radars) and aeronautical radionavigation radars operating in the frequency bands between 5 250 and 5 850 MHz” |  |
| 15 | WORKING DOCUMENT TOWARDS A HANDBOOK ON UNMANNED AIRCRAFT DETECT AND AVOID SYSTEMS [HDBK.UAS\_DAA] - Handbook on Unmanned Aircraft Detect-and-Avoid Systems |  |
| 16 | WD toward new Rec ITU-R M.[DIGITAL-VOICE] |  |
| 20 | PRELIMINARY DRAFT REVISION OF RECOMMENDATION ITU-R M.541-10 Operational procedures for the use of digital selective-calling equipment in the maritime mobile service |  |
| 21 | Proposed draft reply liaison statement to the coordination committee for vocabulary (CCV) |  |
| 22 | Updates to Working document towards a preliminary draft new report ITU-R [NON-SAFETY AMS CHARACTERISTICS AND SHARING STUDIES] |  |

The 4 documents listed in the following table did not achieve consensus within U.S. Working Party 5B:

| **Number USWP5B31** | **Document Title** | **Document** |
| --- | --- | --- |
| 06 | Working Document for characteristics and sharing criteria in Terahertz Spectroscopy and a Liaison Statement to WPs 4A, 4B, 4C, 5A, 5C, 5D, 7A, 7C AND 7D with Info to WP1A |  |
| 07 | WORKING DOCUMENT TOWARDS A PRELIMINARY DRAFT NEW RECOMMENDATION ITU-R M.[CNPC\_CHAR\_5GHz] - Characteristics and protection criteria of terrestrial and satellite unmanned aircraft system control and non-payload communications links operating in the aeronautical mobile (route) service and aeronautical mobile satellite (R) service in the band 5 030-5 091 MHz |  |
| 13 | PRELIMINARY DRAFT NEW RECOMMENDATION ITU-R M.[15.4-15.7\_GHz\_ARNS] - Characteristics of and protection criteria for radars operating in the aeronautical radionavigation service in the frequency band 15.4-15.7 GHz |  |
| 14 | PRELIMINARY DRAFT NEW RECOMMENDATION ITU-R M.[24.45-24.65\_GHz\_ARNS] - Characteristics of and protection criteria for radars operating in the aeronautical radionavigation service in the frequency band 24.45-24.65 GHz |  |

**Deadline for comments and resolution of all issues is 5PM Eastern Daylight Time, Thursday, June 15, 2023.**

Please provide any comments to the authors indicated on the fact sheet with copies to Charles Glass (CGlass@ntia.gov) and Louis Bell (Louis.Bell@fcc.gov). In addition to any comments provided to the authors, you should advise this office (202-647-7847) if there is a major policy problem.

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