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| U.S. Radiocommunications Sector  Fact Sheet | |
| **Working Party:** ITU-R WP 5B | **Document No:** USWP5B-32/19 |
| **Ref:** R00-CA-CIR-0270IIMSW | **Date:** February 19, 2024 |
| **Document Title:** Proposed Workplan for Agenda Item 1.9 | |
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| **Purpose/Objective:** At the recently concluded CPM27-1 meeting (18-19 December 2023), WP 5B was assigned as a responsible Working Party for WRC-27 agenda item 1.9 and as a contributing group for numerous other WRC-27 agenda items. Intent is to propose a workplan that WP 5B will be required to undertake to develop CPM Report text for this agenda item. | |
| **Abstract:** Contribution contains a proposed structure and organization of the activities for WRC-27 Agenda item 1.9 for which WP 5B has a role as the responsible group. The Annex includes details on the actions that CPM27-1 decided that are to be undertaken by the responsible working party and the proposed workplan for Agenda item 1.9. | |

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| **Radiocommunication Study Groups** |  |
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| Received: Xx Yyyy 2024  Subject: WRC-27 Agenda item 1.9 | **Document USWP5B-xx/xx** |
| **X Month 2024** |
| **English only** |
| United States of America | |
| ACtivities in WP 5B related to WRC-27 Agenda Item 1.9 PReparationS | |

Introduction

The recently concluded WRC-23 (20 November – 15 December, 2023, Dubai) developed and approved an agenda for WRC-27, [Resolution COM6/23(WRC-23)](https://www.itu.int/dms_pub/itu-r/opb/act/R-ACT-WRC.15-2023-PDF-E.pdf) (see page 602). CPM27-1 identified WP 5B as a responsible group or contributing group for a number of WRC-27 agenda items, as indicated in R00-CA-CIR-0270IIMSW, Allocation of ITU-R Preparatory Work for WRC 27.

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| Agenda item | Topic | Resolution |
| 1.9 | consider appropriate regulatory actions to update Appendix 26 to the Radio Regulations in support of aeronautical mobile (OR) high frequency modernization | [**Resolution 411 (WRC‑23)**](https://www.itu.int/dms_pub/itu-r/opb/act/R-ACT-WRC.15-2023-PDF-E.pdf) |

Table 1: One of the WRC-27 agenda items for which WP 5B is a responsible party. (This table does not yet include the other WRC-27 Agenda items for which WP 5B is either a responsible party or a contributor.)

The purpose of this contribution is to propose an organization and structure to the work and activities related to WP 5B’s significant responsibilities with regards to WRC-27 Agenda Item 1.9, so that they can be carried out in an effective manner.

Workplan for WRC-27 Agenda Item 1.9

Annex 1 presents a proposed Workplan for WRC-27 Agenda item 1.9.

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| 1.9 to consider appropriate regulatory actions to update Appendix **26** to the Radio Regulations in support of aeronautical mobile (OR) high frequency modernization, in accordance with Resolution **COM6/2** (**WRC‑23)**; | | | |
| Resolution**COM6/2 (WRC‑23)**  Consideration of appropriate regulatory actions to update Appendix **26** in support of modernization of high-frequency spectrum use in the aeronautical mobile (OR) service | **WP 5B** | *recognizing*  ...  *c)* that for the purpose of this Resolution, the term “wideband” in HF communications may refer to a combination of emissions wider than 3 kHz channels;  *d)* that wideband operation can be achieved by single- or multi-carrier emissions;  *e)* that wideband operation may be achieved by contiguous or non-contiguous channel aggregation for multi-carrier emissions;  *f)* that the use of existing frequency and area allotments in the frequency bands allocated to the aeronautical mobile (OR) service between 3 025 kHz and 18 030 kHz is governed by the provisions of Appendix **26**,  *resolves to invite the ITU Radiocommunication Sector to complete in time for the 2027 world radiocommunication conference*  1 studies on the introduction of new technologies that enhance performance, including, but not limited to, new classes of emission, wideband systems (see *recognizing c)*, *d)* and *e)*), etc., to the aeronautical mobile (OR) service systems in the frequency ranges considered in Appendix **26**;  2 in order to undertake *resolves to invite ITU Radiocommunication Sector to complete in time for the 2027 world radiocommunication conference*1, the definition of the relevant technical and operational characteristics and conduct sharing and compatibility studies with existing aeronautical mobile (OR) service systems and with other incumbent services that are allocated on a primary basis in the same or adjacent frequency bands;  3 based on ITU Radiocommunication Sector (ITU‑R) studies, the identification of any potential modifications to Appendix **26**, without modifying the existing area allotments in *recognizing f)*, and whiletaking into account that the current use of the narrowband systems shall remain unchanged and shall not be impacted nor precluded by the revision of Appendix **26**,  …  *invites the 2027 world radiocommunication conference*  to consider necessary changes, as appropriate, to Appendix **26**, on the basis of the studies conducted under *resolves* *to invite the ITU Radiocommunication Sector to complete in time for the 2027 world radiocommunication conference* above. | **WP 3L**  **WP 5C**  **WP 6A**  **WP 7A** |

**Annex 1**

**Detailed workplan for WRC-27 agenda item 1.9**

Source:

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| **Title** | **WRC-27 agenda item 1.9:** to consider appropriate regulatory actions to update Appendix **26** to the Radio Regulations in support of aeronautical mobile (OR) high frequency modernization, in accordance with Resolution **COM6/2** (**WRC‑23)**; |
| **Identifiers** | Draft CPM Text |
| **Document type** | Draft CPM text  Report(s), Recommendation(s) and any other supporting documents, if necessary |
| **WP 5B Lead Group** | WRC-27 Preparations |
| **SWG Chair** | TBD |
| **DG Chair** | N/A |
| **Focus for scope and work** | To develop the draft CPM text for WRC-27 agenda item 1.9, as well as associated studies, in accordance with COM 6/2 **(WRC-23)**.  To develop draft new ITU-R Recommendation(s)/Report(s), or any other supporting documents, if necessary. |
| **Related documents** | Resolution **COM 6/2 1.9(WRC-23)**  Other documents if necessary and timely available. |
| **Milestones** | **Meeting No. XX (14 May – 24 May 2024, location Geneva, Switzerland)**  1 Develop liaison statements to ITU-R contributing groups to request propagation models and characteristics of the existing services for the sharing and compatibility studies;  2 Develop a detailed workplan for WRC-23 agenda item 1.9;  3 Call for contributions in the WP 5B Chairman’s Report.  **Meeting No. XX (18 November – 29 November 2024, Geneva, Switzerland)**  1 Develop first version of working documents towards new ITU-R Recommendation(s), Report(s), and any other supporting document;  2 Send liaison statements to contributing groups as necessary;  3 Review and revise the detailed workplan as necessary.  **Meeting No. XX (dates and location TBD)**  1 Update working documents towards new ITU-R Recommendation(s), Report(s), and any other supporting document based on input contributions;  2 Send liaison statements to contributing groups as necessary;  3 Review and revise the detailed workplan as necessary.  **Meeting No. XX (dates and location TBD)**  1 Update working documents towards new ITU-R Recommendation(s), Report(s), and any other supporting document based on input contributions;  2 Draft CPM text based on input contribution  3 Send liaison statements to contributing groups as necessary;  4 Review and revise the detailed workplan as necessary.  **Meeting No. XX (dates and location TBD)**  1 Consider elevation of working documents towards the new ITU-R Recommendation(s)/Report(s) based on input contributions, as appropriate;  2 Update the draft CPM text based on input contributions;  3 Send liaison statements to contributing groups as necessary;  4 Review and revise the detailed workplan as necessary.  **Meeting No. XX (dates and location TBD)**  1 Finalize work on the new ITU-R Recommendation(s)/Report(s) based on input contributions, as appropriate;  2 Update the draft CPM text based on input contributions;  3 Send liaison statements to contributing groups as necessary;  4 Review and revise the detailed workplan as necessary.  **Meeting No. XX (dates and location TBD)**  11 Consider input contributions;  2 Finalize the draft CPM text;  3 Send liaison statements to contributing groups as necessary.  *Note: Final CPM Text date to be amended once CPM deadline is set.* |