|  |  |  |
| --- | --- | --- |
| U.S. Radiocommunications Sector  Fact Sheet | | |
| **Working Party:** ITU-R WP 5B | **Document No:** USWP5B26-10R1 | |
| **Ref:** 5B/225 Annex 2 on AI 1.6 | **Date:** February 08, 2021 | |
| **Document Title:** Work Plan for WRC-23 Agenda Item 1.6 | | |
| **Author(s)/Contributors(s):**  Chris Tourigny  FAA Spectrum Engineering Services  Michael Tran  MITRE  Nader Damavandi  Space Exploration Technologies  Damon Ladson  Harris, Wiltshire & Grannis  Donald Jansky | | Phone: 202-267-3071  Email: chris.tourigny@faa.gov  Phone: 703-983-1295  Email: mtran@mitre.org  Phone: 310-219-7854  Email: nader.damavandi@spacex.com  Phone: (202) 730-1315  Email: [dladson@hwglaw.com](mailto:dladson@hwglaw.com)  Phone: 202-415-1834  Email: don@jansky-barmat.com |
| **Purpose/Objective:** This contribution provides updates to the Work Plan for WRC-23 Agenda Item 1.6. | | |
| **Abstract:** This contribution provides updates to the Work Plan for WRC-23 Agenda Item 1.6. | | |

|  |  |
| --- | --- |
| **Radiocommunication Study Groups** |  |
|  |  |
|  |  |
| Source: Document 5B/225 – Annex 2  Subject: WRC-23 AI 1.6 Work Plan | **Document 5B/** |
| **10 May 2021** |
| **English only** |
| United States of America | |
| work plan for wrc-23 agenda item 1.6 | |
|  | |

**Introduction**

Resolution **772** (**WRC-19**), in preparation for Agenda Item 1.6 (**WRC-23**), invites the ITU-R to study the spectrum needs for stations on board sub-orbital vehicles, any appropriate modification to the Radio Regulations, excluding any new allocations or changes to the existing allocations in Article **5**, and to identify whether there is a need for access to additional spectrum that should be addressed after WRC-23 by a future competent conference. This contribution provides updates to the Work Plan for WRC-23 Agenda Item 1.6.

Attachment: 1

ATTACHMENT

work plan for wrc-23 agenda item 1.6

Below is a proposed work plan for the work to be conducted under this agenda item. This work plan is a “living document” and would need to be revised and updated, as appropriate, at every Working Party 5B meeting.

*Note: The finalization date is of indicative nature as it will depend on the progress of work and the extent of any possible contributions. This work plan may therefore be adjusted at each meeting. Furthermore, the prevailing situation and circumstances might impact the work plan.*

The work plan after the 4th meeting is just indicative and needs to be carefully examined at the end of 4th meeting.

|  |  |
| --- | --- |
| 2020 | |
| 2nd WP 5B meeting  (November 9-20, 2020) | − Review reply LS from relevant groups, and collect propagation models and technical information;  − Define sub-orbital vehicle and related terms accurately;  − Identify the categories of sub-orbital flight and corresponding scenarios;  − Study the spectrum needs for communications between stations on board suborbital vehicles and terrestrial/space stations.  − \*Continue to develop the draft [Report/Elements of a Report;  − Revise the work plan, if necessary. |
| 2021 | |
| 3rd WP 5B meeting  (May 2021) | − Continue collection of propagation models and technical information of WP 3M, WP 4C, WP 4A, and WP 7B;  − Review reply LS from WP 3M, WP 4C, WP 4A, and WP 7B;  − LS to the WP 3M, WP 4C, WP 4A, and WP 7B on the draft sharing Report for agenda item (AI) 1.6;  − Continue to study the spectrum needs;  − Study corresponding regulatory provisions to determine which existing radiocommunication services can be used by stations on suborbital vehicles, if necessary;  − Conduct sharing and compatibility studies with incumbent services that are allocated on a primary basis in the same and adjacent frequency bands, if necessary;  − \*Continue to develop the draft [Report/Elements of a Report];  − Revise the work plan, if necessary. |
| \*The title of this document is not yet decided. | |
| *Disclaimer note: The objectives of work plans mentioned below are informative at this stage and need to be carefully reviewed during the third meeting, as well as being subject to review at subsequent meetings.* | |
| 4th WP 5B meeting  (November 2021) | − Continue sharing and compatibility studies;  − Continue to develop the draft [Report/Elements of a Report];  − LS to concerned and interested WPs if necessary;  − Continue corresponding regulatory provisions studies;  − Continue to develop the draft CPM Report for AI 1.6 to WRC-23;  − Revise the work plan, if necessary. |
| 2022 | |
| 5th WP 5B meeting  ([May 2022]) | − Continue sharing and compatibility studies;  − Continue to develop the draft [Report/Elements of a Report];  − Identify, as a result of the studies above, whether there is a need for access to additional spectrum;  − LS to concerned and interested WPs if necessary;  − Continue corresponding regulatory provisions studies;  − Finalize the draft CPM Report for AI 1.6 to WRC-23;  − Revise the work plan, if necessary. |
| 6th WP 5B meeting  ([November 2022]) | − Finalize the [Report/Elements of a Report] |