|  |  |  |
| --- | --- | --- |
| U.S. Radiocommunications Sector  Fact Sheet | | |
| **Working Party:** ITU-R WP 5B | **Document No:** USWP5B30-xx-FS1 | |
| **Ref:** 5B/649 Annex xx on AI 1.6 | **Date:** August 04, 2022 | |
| **Document Title:** Working document on WRC-23 AI 1.6 [SUBORBITAL VEHICLES STUDIES], “Regulatory, operational, and technical studies of radiocommunications for suborbital vehicles.” | | |
| **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  Joseph Cramer  Boeing | | 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  Phone: 703-465-3486  Email: joseph.cramer@boeing.com |
| **Purpose/Objective:** This contribution provides further updates to WRC-23 AI 1.6 Report to respond to Resolution **772** (**WRC-19**). | | |
| **Abstract:** 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 support the agenda item. | | |

|  |  |
| --- | --- |
| **Radiocommunication Study Groups** |  |
|  |  |
|  |  |
| Source: Document 5B/649 – Annex xx  Subject: WRC-23 AI 1.6 Report | **Document 5B/** |
| **14 November 2022** |
| **English only** |
| United States of America | |
| WORKING DOCUMENT TOWARDS PRELIMINARY DRAFT NEW REPORT ON WRC-23 AGENDA ITEM 1.6 [SUBORBITAL VEHICLES studies]  **Regulatory, operational, and technical studies of radiocommunications for suborbital vehicles** | |
|  | |

**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. The United States offers this contribution to provide further updates to support the agenda item.

Attachment: 1

ATTACHMENT

working document TOWARDS PRELIMINARY DRAFT NEW REPORT on wrc-23 agenda item 1.6  
[suborbital vehicles studies]

**Regulatory, operational, and technical studies of radiocommunications for suborbital vehicles**