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| **36 MEETING OF PERMANENT**  **CONSULTATIVE COMMITTEE II:**  **RADIOCOMMUNICATIONS**  **November 30 to December 4, 2020**  ***Virtual meeting*** | | **OEA/Ser.L/XVII.4.2.36**  **CCP.II-RADIO/doc. /20**  **7 November 2020**  **Original: English** | |
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|  | **U.S. PRELIMINARY VIEW ON WRC-23 AGENDA ITEM 1.13** | |  |
|  | **(Item on the Agenda: 3.1)** | |  |
|  | **(Document submitted by the United States of America)** | |  |

**Introduction:**

This document contains an attachment including the USA preliminary view on WRC-23 Agenda Item 1.13 for consideration in CITEL’s preparation for WRC-23.

**UNITED STATES OF AMERICA**

**DRAFT PRELIMINARY VIEWS ON WRC-23**

**AGENDA ITEM 1.13**: to conduct and complete, in time for WRC-23, sharing and compatibility studies in order to determine the feasibility of upgrading the SRS allocation in the frequency band 14.8-15.35 GHz to a primary basis, with a view to ensuring protection of the incumbent services, including in adjacent bands, in accordance with Resolution **661 (Rev.WRC‑19)**.

**BACKGROUND:**

The 14.8-15.35 GHz band is currently allocated to the Space Research Service (SRS) on a secondary basis and used by the SRS to support direct data downlinks from SRS missions to earth stations located globally. In addition, the band supports Earth-to-space feeder uplinks and space-to-space inter-orbit return links in the data relay satellite (DRS) systems employed by several administrations. DRS systems in turn support a wide variety of operations for science and human spaceflight missions including launch, nominal operations, and contingencies. Resolution **661 (Rev. WRC-19)** calls for the investigation and identification of all relevant scenarios to be considered in sharing and compatibility studies

The 14.8-15.35 GHz frequency band is allocated to the Fixed and Mobile Services on a co-primary basis. The adjacent 15.35-15.4 GHz frequency band is allocated to the Earth Exploration Satellite Service (passive), Space Research Service (passive), and Radio Astronomy Services on a co-primary basis; this frequency band is also subject to Radio Regulations **No. 5.340** which prohibits all emissions into the band.

**U.S. VIEW:**

The United States supports studies in accordance with Resolution **661 (Rev. WRC-19)** to consider a possible upgrade to the existing global allocation to the SRS in the frequency range 14.8-15.35 GHz, taking into account the need to provide protection to and to not impose constraints on incumbent services in this frequency band and adjacent frequency bands. It should be noted that the existing secondary allocation to the SRS (passive) in the band 15.2-15.35 GHz per No. **5.339** is not considered in this view.