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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 1.15** |  |
|  | **(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 1.15 for consideration in CITEL’s preparation for WRC-23.

**UNITED STATES OF AMERICA**

**DRAFT PRELIMINARY VIEWS FOR WRC-23**

**Agenda Item 1.15**: To harmonize the use of the frequency band 12.75-13.25 GHz (Earth-to-space) by earth stations on aircraft and vessels communicating with geostationary space stations in the fixed-satellite service globally, in accordance with Resolution **172 (WRC 19)**.

**BACKGROUND**: The demand for on the move connectivity services provided by earth stations on aircraft and vessels continues to grow as the importance and access to internet-based applications for the aviation and maritime industry and their passengers increases. Given this reality WRC-19 adopted agenda item 1.15 to study the operation of earth stations on aircraft and vessels communicating with GSO FSS space stations in the 12.75-13.25 GHz (Earth-to-space) frequency band. The 12.75-13.25 GHz band is subject to Appendix **30B**.

Previous WRCs have adopted technical and regulatory provisions to allow aeronautical and maritime terminals to communicate with GSO FSS networks in other frequency bands. Resolution **902 (WRC-03)** addresses the use of earth stations on board vessels communicating with GSO FSS networks in the bands 5925-6425 MHz and 14-14.5 GHz (RR No. **5.457A**); Resolution **156 (WRC-15)** addresses the use of earth stations in motion (ESIM) communicating with GSO FSS networks in the 19.7-20.2 GHz and 29.5-30.0 GHz bands (RR No. **5.527A**); and Resolution **169** **(WRC-19)** addresses the use of ESIMs communicating with GSO FSS networks in the frequency bands 17.7-19.7 GHz and 27.5-29.5 GHz (RR No. **5.517A**).

**U.S. VIEW**: The United States supports studies on the operation of earth stations on aircraft and vessels communicating with GSO FSS space stations in the 12.75-13.25 GHz (Earth-to-space) frequency band with the objective of developing appropriate technical and regulatory provisions to protect allotments/assignments in the Appendix **30B** Plan and other primary allocated services, as well as primary services in adjacent bands, as called for in Resolution **172 (WRC-19)** .