|  |  |
| --- | --- |
| U.S. Radiocommunication Sector  Fact Sheet | |
| **Working Party:** ITU-R WP 7C | **Document No:** US 7C/27-007NC |
| **Ref.:** Document 7C/xxx | **Date:** 8 August 2024 |
| **Document Title:** Proposed draft liaison statement to Working Party 4A on WRC-27 agenda item 1.6 | |
| **Author(s)/Contributors(s):**  Daniel Bishop  NASA  Jason Szklany  ADS for NASA | Phone:  Email: [Daniel.W.Bishop@nasa.gov](mailto:Daniel.W.Bishop@nasa.gov)  Phone:  Email:  [[jszklany@asrcfederal.com](mailto:jszklany@asrcfederal.com)](mailto:%20xxxxxxxx@nasa.gov) |
| **Purpose/Objective:** To provide relevant technical information from WP 7C to WP 4A regarding WRC-27 agenda item 1.6. | |
| **Abstract:** Working Party (WP) 7C is listed as a contributing group for WRC-27 agenda item 1.6 which will study the technical and regulatory measures for FSS satellite networks/systems in the listed frequency bands for equitable access, without adversely affecting operation of the network services, and without changing terrestrial service protection measures.  This draft liaison statement will serve to collect relevant characteristics to be included in their studies. | |
| **Fact Sheet Preparer:** Jason Szklany, ADS for NASA | |

|  |  |
| --- | --- |
| **Radiocommunication Study Groups** |  |
|  |  |
|  |  |
| Source: Document xxxxxxxx  Subject: WRC-27 agenda item 1.6 | **Document XX/-E** |
| **Date 06 June 2024** |
| **Original: English** |
| United States of America | |
| proposed liaison statement to working party 4A  regarding WRC-27 agenda item 1.6 | |

The Administrative Circular CA/270 identifies Working Party (WP) 7C as a contributing group to WRC-27 agenda item 1.6 which calls for the consideration of technical and regulatory measures for fixed-satellite service satellite networks/systems in the 37.5-42.5 GHz (space-to-Earth), 42.5-43.5 GHz (Earth-to-space), 47.2-50.2 GHz (Earth-to-space) and 50.4-51.4 GHz (Earth-to-space) frequency bands for equitable access.

The draft liaison statement in the attachment is intended to inform WP 4A on the EESS passive allocations adjacent to the bands under study in this agenda item.

Attachment: 1.

Attachment

Working Party 7c

proposed liaison statement to working party 4A   
regarding WRC-27 agenda item 1.6

|  |
| --- |
|  |

According to the Administrative Circular [CA/270](https://www.itu.int/md/R00-CA-CIR-0270/en), Working Party (WP) 7C has been identified as a contributing group for WRC-27 agenda item 1.6 dealing with the consideration of equitable access for fixed-satellite service (FSS) networks/systems in the 37.5- 42.5 GHz (space-to-Earth), 42.5-43.5 GHz (Earth-to-space), 47.2-50.2 GHz (Earth-to-space) and 50.4-51.4 GHz (Earth-to-space) frequency bands.

In the frequency ranges identified for study under WRC-27 agenda item 1.6, the following are primary allocations pertaining to Earth exploration-satellite systems (EESS) (passive) that are under the purview of Working Party 7C;

* 36-37 GHz, this adjacent band is allocated to EESS (passive),
* 50.2-50.4 GHz, this adjacent band is allocated to EESS (passive) and subject to RR No.  
  **5.340** (all emissions are prohibited).

WP 7C understands that the scope of this agenda item is limited to equitable access between FSS operators and will not result in any changes to the regulatory protection provided to the EESS (passive) in the Radio Regulations. Therefore, WP 7C will monitor progress of this agenda item in the event that WP 4A does require input.

|  |  |
| --- | --- |
| **Status:**  For information and action, if any | |
| **Contacts:** xxxxxxx xxxxxxx  Xxxxxxx xxxxxxx | **E-mail:** xxxxxxxxxxx  **E-mail**: xxxxxxxxxxx |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_