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| **33 MEETING OF PERMANENT****CONSULTATIVE COMMITTEE II:****RADIOCOMMUNICATIONS****April 8 to 12, 2019****Monterrey, Nuevo Leon, Mexico** | **OEA/Ser.L/XVII.4.2.33****CCP.II-RADIO/doc.** **XX March****Original: english** |
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|  | **U.S. PROPOSAL ON WRC-19 AGENDA ITEM 9.1, ISSUE 9.1.9**  |  |
|  | **(Item on the Agenda: 3.1)** |  |
|  | **(Document submitted by the delegation of the United States of America)** |  |

Introduction

This document contains an attachment including the updated USA proposal on WRC-19 Agenda Item 9.1, Issue 9.1.9 for consideration in CITEL’s preparation to WRC-19 Agenda Item 9.1.

**ATTACHMENT**

***Agenda Item 9.1, Issue 9.1.9:*** *Studies relating to spectrum needs and possible allocation of the frequency band 51.4-52.4 GHz to the fixed-satellite service (Earth-to-space)*

**BACKGROUND:**

Resolution **162 (WRC-15)** resolves to invite ITU-R to conduct studies considering additional spectrum needs for development of the fixed-satellite service (FSS) and conduct sharing and compatibility studies with existing services to determine the suitability of new primary allocations to the FSS in the frequency band 51.4-52.4 GHz (Earth-to-space) limited to FSS gateway links for geostationary orbit use, and the possible associated regulatory actions.

ITU-R has conducted studies required by Resolution **162 (WRC-15)**. The results of analysis of additional spectrum needs are contained in DN Report ITU-R S.[SPECTRUM\_NEEDS]. The results of sharing and compatibility studies with incumbent services including the fixed service (FS), mobile service (MS), Earth exploration-satellite service (EESS) (passive), radio astronomy service (RAS), and sharing with potential IMT-2020 applications are contained in PDN Report ITU-R S.[SPECTRUM\_SHARING].

Based on the results of studies, no change is proposed to Article 5 of the Radio Regulations unless adequate protection to the passive services operating in the frequency band 52.6 – 54.25GHz can be protected.

**Proposal:**

ARTICLE 5

**Frequency allocations**

**Section IV – Table of Frequency Allocations**(See No. **2.1**)

**NOC** USA/9.1(9.1.9)/1

**51.4-55.78 GHz**

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| **Allocation to services** |
| **Region 1** | **Region 2** | **Region 3** |
| **51.4-52.6** FIXED 5.338A MOBILE 5.547 5.556 |
| **52.6-54.25** EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340 5.556 |
| **54.25-55.78** EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.556A SPACE RESEARCH (passive) 5.556B |

**Reasons:** The ITU-R studies have shown that coexistence between the fixed-satellite service (FSS) Earth-to-space and the incumbent active services can be achieved, but any assignment must ensure the protection of passive services.

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