**UNITED STATES OF AMERICA**

DRAFT PROPOSALS FOR THE WORK OF THE CONFERENCE

**Agenda Item 9.1 (Issue 9.1.2)**

**Agenda Item 9.1/Issue 9.1.2**: **Resolution 761 (WRC-15)** Compatibility of International Mobile Telecommunications and broadcasting-satellite service (sound) in the frequency band 1 452-1 492 MHz in Regions 1 and 3

**Background Information**: At WRC-15, it was decided to identify the band 1452-1492 MHz for International Mobile Telecommunications (IMT) in more than 50 countries in Region 1 via No. **5.346** and in Region 3 via No. **5.346A**. In Region 2 the IMT identification for the 1452-1492 MHz band is provided via No. **5.346B.** The Region 1, Region 2 and Region 3 use of the 1452-1492 MHz band for IMT must be in accordance with Resolution **223 (Rev.WRC-15)**.

In addition to the primary mobile service allocation in the1452-1492 MHz band, the band is allocated to the fixed, broadcasting, and broadcasting-satellite services (BSS) in all three Regions on a primary basis. In accordance with No. **5.345** use of the band 1 452-1 492 MHz by the broadcasting-satellite service, and by the broadcasting service, is limited to digital audio broadcasting and is subject to the provisions of Resolution **528 (WARC-92)**, subsequently revised by **WRC-03 and WRC-15**. The sharing conditions between BSS (sound) and the mobile service are currently governed by No. **9.11.** However,currently there is no power flux-density (pfd) limit for the frequency band 1 452-1 492 MHz in Article **21** to protect the mobile service (service area protection).

**WRC-15** could not come to agreement on the results of technical and regulatory studies carried out on sharing of the frequency band 1 452-1 492 MHz by IMT and BSS prior to **WRC-15** and for this reason Agenda Item 9.1 (Issue 9.1.2), for WRC-19, pursuant to Resolution **761 (WRC-15),** was agreed.This resolution specifically calls for regulatory and technical studies with a view to ensuring the compatibility of IMT and BSS (sound) in the frequency band 1 452-1 492 MHz in Regions 1 and 3 taking into account only IMT and BSS (sound) operational requirements. Further, Resolution **761 (WRC-15)** invites ITU Member States in Region 1, to use guidance from the ITU‑R studies to determine the need for bilateral coordination between IMT systems and BSS earth stations until WRC‑19 defines regulatory and technical conditions for this bilateral coordination and Member States in Region 3, to use guidance from ITU‑R studies to determine the need for bilateral coordination to protect BSS earth stations until WRC‑19 defines regulatory and technical conditions for this bilateral coordination.

With regard to Region 2, the interests of countries in the Region in the band 1452-1492

MHz by the mobile service extend beyond IMT applications. Also, most of the countries in the Region enjoy long and successful multilateral and bilateral frequency coordination arrangements with their neighbors without the need for specific guidance from the ITU on the conduct of such arrangements.

**Proposals:**

ARTICLE 5

Frequency allocations

**Section IV – Table of Frequency Allocations**

**NOC USA/9.1.2/1**

|  |  |  |
| --- | --- | --- |
|  | 1452-1492 MHz |  |
| Allocation to services | | |
|  | Region 2 |  |
|  | FIXED  MOBILE 5.341B 5.343 5.346A  BROADCASTING  BROADCASTING-SATELLITE 5.208B  5.341 5.344 5.345 |  |

**Reasons**:  **WRC-19 Agenda Item 9.1.2** is limited to technical and regulatory studies of the mobile (IMT) and broadcasting satellite (sound) services only in Regions 1 and 3 and only in the band 1452-1492 MHz. There is no basis for any changes in the Radio Regulations that would impact the services in the band 1452-1492 MHz in Region 2 under this agenda item. Therefore, the United States proposes NOC with respect to any change to Article 5 that could impact Region 2 services in the band 1452-1492 MHz. This proposal does not concern the Regions 1 and 3 columns of the Table of Frequency Allocations in Article **5**, which are thus not reproduced above.