



**ORGANIZACION DE LOS ESTADOS AMERICANOS  
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**VIII MEETING OF PERMANENT  
CONSULTATIVE COMMITTEE II:  
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**El Salvador, San Salvador**

**WRC-07 AGENDA ITEM 1.10 : UNITED STATES OF AMERICA  
PRELIMINARY PROPOSALS**

**(Item on the Agenda: 1.10)**

**(Document submitted by the delegation of the United States of America)**

**UNITED STATES OF AMERICA**

**DRAFT PROPOSAL FOR THE WORK OF THE CONFERENCE**

**Agenda Item 1.10:** to review the regulatory procedures and associated technical criteria of Appendix 30B without any action on the allotments, the existing systems or the assignments in the List of Appendix **30B**;

**Background Information:** The VIII Meeting of CITELE PCC.II adopted preliminary proposals regarding the review of Appendix **30B** under WRC-07 Agenda Item 1.10 in CCP.II-RADIO/doc.1212/06. That document provided a number of proposals to modify Appendix **30B**, including proposals for no change to the current provisions of Nos. **8.18** and **8.19** of Article **8** of Appendix **30B**. These two provisions address the coordination of Fixed Satellite Service (FSS) earth stations and terrestrial stations in Appendix 30B

frequency bands, and the notification of FSS earth stations respectively. Specifically, Appendix **30B** No. **8.18** states that “No provision of this Appendix shall be considered as modifying the requirements of Article **9** relating to coordination between earth stations in the fixed-satellite service and stations of terrestrial services sharing the planned bands on an equal primary basis,” and No. **8.19** stipulates that “Notification of assignments to a specific earth station using assignments included in the List shall be effected applying the provisions of Article **11**.”

During the deliberations of Agenda Item 1.10 at the Special Committee and the Conference Preparatory Meeting, the issue of coordination between FSS earth stations and terrestrial stations, especially aircraft stations, in Appendix 30B frequency bands was raised. Section 6/1.10/3.1.2.7 of the the CPM report to WRC-07, entitled *Coordination between FSS earth stations (receiving and transmitting) on the one hand, and terrestrial stations, on the other hand, in the Appendix 30B frequency bands*, listed three views from administrations. While the third view, which supported no change to the Radio Regulations, is consistent with the current CITELE preliminary proposals, the first and second views called for a new provision in Article **9** that would require terrestrial stations to coordinate with typical earth stations in Appendix **30B** bands. Additionally, according to the second view, which addresses specifically aircraft stations sharing Appendix 30B bands with FSS, this new Article **9** provision would also require consequential changes to Article **8** of Appendix **30B**. These proposed changes to Article **9** of the Radio Regulations and Article **8** of Appendix **30B** would negate the principles laid out in Nos. **8.18** and **8.19** of Appendix **30B**.

The FSS bands in the current Appendix **30B** were allocated at WARC-79 on a co-primary basis to space and terrestrial services. When the FSS Plan was adopted at WARC-ORB-88, administrations knew that the spectrum may have to be shared with terrestrial services in neighboring countries. The FSS allocations at WARC-79 were based on the FSS earth stations coordinating under the equivalent provisions of Nos. **9.17** and **9.18**. Since Nos. **9.17** and **9.18** are limited to specific earth stations, an administration can only protect Appendix 30B earth stations at specific locations. But, if assignments to typical Appendix 30B earth stations were allowed to be coordinated, the result would be that the FSS would pre-empt the spectrum resource against other co-primary services allocated in the bands. This would change the intent of the original allocation.

The FSS Plan as provided in Appendix **30B** does not give any status to typical earth stations that could be associated with the allotments of the Plan. Coordination under these provisions is a bilateral process; it can begin at anytime, and the status of the coordinated earth stations is dependent on the results of the bilateral coordination. Therefore, the present provisions of Article **8** of Appendix **30B** as well as the provisions of Article **9** of the Radio Regulations provide the appropriate and balanced procedures for the coordination of FSS earth stations and terrestrial stations, and for the notification of Appendix **30B** earth station assignments, and no change to the Radio Regulations is required.

In light of the opposing views in CPM report Section 6/1.10/3.1.2.7, the United States therefore proposes that a new proposal of no change to RR Article **9** with respect to the coordination of FSS earth stations and terrestrial stations in Appendix **30B** bands be added to the current CITELE preliminary proposals. This no change proposal is needed as

it is consequential to the no change proposed for Appendix **30B** Nos. **8.18** and **8.19** in CCP.II-RADIO/doc. 1212/06.

For the benefit of keeping the related provisions together, the existing preliminary proposals of no change to the current provisions of Appendix 30B Nos. **8.18** and **8.19** are reproduced below.

APPENDIX 30B (Rev. WRC-2000)

**Provisions and associated Plan for the fixed-satellite service  
in the frequency bands 4 500-4 800 MHz, 6 725-7 025 MHz,  
10.70-10.95 GHz, 11.20-11.45 GHz and 12.75-13.25 GHz**

ARTICLE 8 (WRC-03)

**Procedure for notification and recording in the Master Register of assignments in  
the planned bands for the fixed-satellite service**

CAN/USA/1.10/73 **NOC**

~~8.188~~.17 No provision of this Appendix shall be considered as modifying the requirements of Article 9 relating to coordination between earth stations in the fixed-satellite service and stations of terrestrial services sharing the planned bands on an equal primary basis. (WRC-03)

Reasons: The coordination of FSS earth stations and stations of terrestrial services in the Appendix 30B bands should follow the provisions of Article 9 and therefore §8.17 should be retained without any change.

CAN/USA/1.10/74 **NOC**

~~8.198~~.18 Notification of assignments to a specific earth station using assignments included in the List shall be effected applying the provisions of Article 11. (WRC-03)

Reasons: The notification of a specific earth station using a frequency assignment included in the Appendix 30B List should be conducted in accordance with the provisions of Article 11. Therefore, § 8.18 should be retained without any changes.

## Proposal

### ARTICLE 9

**Procedure for effecting coordination with or  
obtaining agreement of other administrations**<sup>1, 2, 3, 4, 5, 6, 7, 8</sup> (WRC-03)

**Section II – Procedure for effecting coordination**<sup>12, 13</sup>

**Sub-Section IIA – Requirement and request for coordination**

USA/ /1

**NOC**

Article 9 (only with respect to coordination of FSS earth stations and terrestrial stations in Appendix 30B bands)

**Reasons:** The current coordination provisions of Article 9, particularly Nos. **9.17, 9.18,** and **9.19**, apply in the sharing of FSS earth stations using Appendix **30B** bands and terrestrial stations. These provisions provide a balanced coordination process that needs to be maintained.