

Ms. Mindel De La Torre
Chief of the International Bureau
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Dear Ms. De La Torre:

The National Telecommunications and Information Administration (NTIA) on behalf of the Executive Branch agencies, approves the release of the attached Executive Branch proposals for WRC-12 agenda items 1.8 and 7 (Resolution 49).

NTIA proposes no change in the use of the band 71-238 GHz for fixed services and no change to Resolutions **731 (WRC-2000)** and **732 (WRC-2000)** for agenda item 1.8. NTIA also proposes no change to Resolution 49 on administrative due diligence applicable to some satellite radiocommunication services for agenda item 7.

NTIA considered the Federal agencies' input toward the development of U.S. proposals for WRC-12. NTIA forwards this package for your consideration and review by your WRC-12 Advisory Committee. Dr. Darlene Drazenovich is the primary contact from my staff.

Sincerely,

(Original Signed November 9, 2010)

Karl B. Nebbia
Associate Administrator
Office of Spectrum Management

UNITED STATES OF AMERICA
DRAFT PROPOSAL FOR THE WORK OF THE CONFERENCE

Agenda Item 1.8: *to consider the progress of ITU-R studies concerning the technical and regulatory issues relative to the fixed service in the bands between 71 GHz and 238 GHz, taking into account Resolutions 731 (WRC-2000) and 732 (WRC-2000)*

Resolution 731 (WRC-2000): *Consideration by a future competent world radiocommunication conference of issues dealing with sharing and adjacent-band compatibility between passive and active services above 71 GHz*

Resolution 732 (WRC-2000): *Consideration by a future competent world radiocommunication conference of issues dealing with sharing between active services above 71 GHz*

Background Information: This agenda item addresses consideration of changes in regulations for spectrum above 71 GHz to accommodate sharing among the fixed service and other active services and to protect the passive services from adjacent band fixed systems.

Several countries have operational fixed service links in the frequency bands 71-76 GHz, 81-86 GHz, 92-94 GHz and 94.1-95 GHz. In addition to these active service applications, several countries also operate remote sensing and meteorological satellites that utilize the Earth exploration-satellite service (EESS) (passive) allocation from 86-92 GHz subject to No. **5.340**. The ITU-R was unable to fully evaluate sharing among the active services or sharing between the active services and passive services allocated above 71 GHz due to the lack of studies prepared during this study cycle for this agenda item.

WRC-2000 adopted Resolutions **731 (WRC-2000)** and **732 (WRC-2000)** as part of the conference decisions in an overall rearrangement of the allocation tables in Article 5 of the Radio Regulations, and not in support of WRC-07 agenda item 1.8. The ITU-R did not complete studies in support of this agenda item; therefore the conference should retain these resolutions unchanged.

Proposals:

NOC USA/AI 1.8/1

ARTICLE 5

Frequency allocations

Reasons: Insufficient information is available at this time to substantiate specific out-of-band emission limits to protect the EESS (passive) in the 86-92 GHz band. The ITU-R studies are immature because the technologies employed by the active services in these bands are still in the early stages of development.

NOC USA/AI 1.8/2

RESOLUTION 731 (WRC-2000)

Consideration by a future competent world radiocommunication conference of issues dealing with sharing and adjacent-band compatibility between passive and active services above 71 GHz

Reasons: WRC-2000 developed this resolution as a result of the realignment of the Table of Allocations above 71 GHz. The retention of this resolution allows the ITU-R to continue studies on sharing and adjacent band compatibility in this frequency range.

NOC USA/AI 1.8/3

RESOLUTION 732 (WRC-2000)

Consideration by a future competent world radiocommunication conference of issues dealing with sharing between active services above 71 GHz

Reasons: WRC-2000 developed this resolution as a result of the realignment of the Table of Allocations above 71 GHz. The retention of this resolution allows the ITU-R to continue studies on sharing and adjacent band compatibility in this frequency range.

UNITED STATES OF AMERICA
DRAFT PROPOSALS FOR THE WORK OF THE CONFERENCE

Agenda Item 7: *to consider possible changes in response to Resolution 86 (Rev. Marrakesh, 2002) of the Plenipotentiary Conference: “Advance publication, coordination, notification and recording procedures for frequency assignments pertaining to satellite networks”, in accordance with Resolution 86 (Rev.WRC-07)*

Background Information: WRC-97 first adopted administrative due diligence applicable to some satellite services to address the problem of reserving orbit and spectrum capacity without actual use (i.e. “paper” satellites). The Radio Regulations and Resolution **49 (Rev. WRC-07)** on administrative due diligence contain provisions on disclosure of data for the implementation of a satellite network or satellite system of the fixed-satellite service, mobile-satellite service or broadcasting-satellite service with frequency assignments that are subject to coordination under Nos. **9.7, 9.11, 9.12, 9.12A** and **9.13** and Resolution **33 (Rev.WRC-03)** as well as to any such satellite network not yet recorded in the Master International Frequency Register by 22 November 1997. Resolution **49 (Rev. WRC-07)** also applies to certain provisions of Appendices **30 (Rev.WRC-07), 30A (Rev.WRC-07),** and **30B (Rev.WRC-07).**

Many administrations consider due diligence information to be a valuable requirement to present how frequency assignments of a satellite network were brought into use. Administrations have also been updating due diligence information and submitting updates to the Bureau for already recorded assignments either during the period of operation of specific satellite network assignments due to e.g. a change of the spacecraft, or at the time of bringing into use modified recorded assignments under No. **11.43A**, or for the resumption of use of frequency assignments suspended under No. **11.47**. Although not covered in Resolution **49 (Rev.WRC-07)**, the Bureau publishes such updates in RES49 Special Sections accordingly.

Every conference since WRC-97 extensively discussed the usefulness and adequacy of the information submitted to the ITU in accordance with Resolution **49 (Rev.WRC-07)** and discussed various options to improve the resolution. Ultimately, each conference maintained the data elements and basic structure. This resolution in its current form contains adequate and appropriate due diligence procedures. Therefore, WRC-12 should not modify this resolution.

Proposal:

NOC USA/AI7_RES49/1

RESOLUTION 49 (Rev.WRC-07)

**Administrative due diligence applicable to some satellite
radiocommunication services**

Reasons: Administrations wishing to update their due diligence information may do so under the current procedures and there is no need for additional regulatory requirements.