Mr. Donald Abelson
Chief of the International Bureau
Federal Communications Commission
445 12th Street SW
Washington, D.C. 20554

Dear Mr. Abelson:

The National Telecommunications and Information Administration (NTIA), on behalf of the Executive Branch Agencies, have approved the release of an additional draft Executive Branch proposal for WRC-07. This proposal considers the federal agency inputs toward the development of U.S. Proposals for WRC-07.

The enclosed document contains a draft proposal that addresses agenda item 1.12, Modification to Appendix **7**, Table 10. This proposal is forwarded for your consideration and review by your WRC-07 Advisory Committee. Jim Vorhies of my staff is the primary contact for NTIA.

Sincerely,

(Original signed by Karl Nebbia February 17, 2006)
Fredrick R. Wentland
Associate Administrator
Office of Spectrum Management

Enclosure

United States of America

DRAFT PROPOSAL FOR THE WORK OF THE CONFERENCE

Agenda Item 1.12: 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 (WRC-03)**;

Regulatory Procedures and associated technical criteria applicable to satellite networks

Modification to Appendix 7, Table 10

Background information: Resolution **86 (Rev. Marrakesh, 2002)** requested that WRC-03 and subsequent Conferences review the regulatory procedures associated with the advance publication, coordination, notification and recording of frequency assignments pertaining to satellite network. WRC-03 identified in Resolution **86 (WRC-03)** the scope and the criteria to be used for the implementation of Resolution **86 (Rev. Marrakesh, 2002)**. Resolves 1 of Resolution **86 (WRC-03)** specifically states that WRC-07 should "consider any proposals which deal with deficiencies in the advance publication, coordination, notification and recording procedures of the Radio Regulations (RR) for space services which have either been identified by the Board and included in the Rules of Procedure or which have been identified by administrations or by the Bureau as appropriate."

A review of Appendix **7**, Table 10 (Predetermined coordination distance) indicates that the case of ground-based earth stations and aircraft terrestrial stations, except for those specifically identified cases in the table, is missing. In the past the Radiocommunications Bureau has used the predetermined distance of 500 km for this case, e.g., see Document RRB98/134(Rev.1) dated 8 December 1998. This coordination distance was derived assuming line-of-sight propagation between the aircraft and ground-based stations with a 4/3 Earth radius and the aircraft altitude of 12 km. The 500 km is consistent with the distance currently applicable to the similar cases of coordination between aircraft and ground-based stations such as i) ground-based earth stations in the bands below 1 GHz to which No. **9.11A** applies/ground-based mobile in the bands within the range 1-3 GHz to which No. **9.11A** applies and aircraft (mobile) terrestrial stations; ii) aircraft (mobile) earth stations and ground-based terrestrial stations; and iii) non-GSO MSS feeder-link earth stations and aircraft (mobile) terrestrial stations. To cover the case of ground-based earth stations and aircraft terrestrial stations, Table 10 needs to be modified to include this case with a coordination distance of 500 km.

Proposal

USA/ /01 MOD

APPENDIX 7

TABLE 10 (WRC-03)

Predetermined coordination distances

Frequency sharing situation		**Coordination distance (in sharing situations involving services allocated with equal rights) (km)**
Type of earth station	**Type of terrestrial station**	
Ground-based	Mobile (aircraft) (all bands not included elsewhere in Table 10)	500

Reasons: For No. **9.17**, this modification is needed to cover the case of ground-based earth stations and aircraft terrestrial stations.