

United States of America

DRAFT PROPOSAL FOR THE WORK OF THE CONFERENCE

WRC-07 Agenda Item 2: to examine the revised ITU-R Recommendations incorporated by reference in the Radio Regulations communicated by the Radio Assembly in accordance with Resolution 28 (Rev. WRC-03), and to decide whether or not to update the corresponding references in the Radio Regulations, in accordance with the principles contained in Resolution 27 (WRC-03).

Background Information: Agenda Item 1.15 of WRC-03 dealt with RNSS matters as indicated in Resolutions 604 (WRC-00), 605 (;WRC-00), and Resolution 606 (WRC-00). Resolution 605 concerned the development and implementation of regulations to provide protection for the ARNS in the band 1164-1215 MHz from all the emissions of “real” RNSS systems in the band. To this end No. 5.328A was adopted and is associated with the referenced allocation. It states:

5.328A Stations in the radionavigation-satellite service in the band 1164-1215 MHz shall operate in accordance with the provisions of Resolution 609 (WRC-03) and shall not claim protection from stations in the aeronautical radionavigation service in the band 960-1215 MHz. No. 5.43A does not apply. The provisions of 21.18 shall apply.

The language of this footnote regulation mandates that the RNSS in the band 1164-1215, “shall” operate in accordance with the provisions of Resolution 609 (WRC-03). This Resolution is entitled: “Protection of aeronautical radionavigation service systems from the equivalent power flux- density produced by radionavigation-satellite service networks and systems in the 1164-1215 MHz frequency band”. Resolves 10 of this mandatory Resolution states:

10 that the methodology and the reference worst-case ARNS system antenna contained in Recommendation ITU-R 1642 shall be used by administrations for calculating the aggregate efd produced by all the space stations within all RNSS systems in the band 1164-1215 MHz.

As indicated the statement “shall be used” in relation to Recommendation ITU-R 1642 clearly makes use of this recommendation mandatory in the context of the Radio Regulations, and therefore must be considered part of them.

Resolution 27 and its Annex set forth the criteria for Recommendations and Resolutions to be: Incorporated by Reference”. Clearly, Recommendation M. 1642 meets these criteria.

In consequence it is mandatory that this recommendation be considered as part of Volume 4 of the Radio Regulations although it is not now. Recommendation ITU-R 1642 must be included in subsequent revisions of Volume 4 of the Radio Regulations.

It should be noted that a Working Party of the Special Committee has come to the same conclusion regarding the incorporation in volume 4 of the Radio Regulations of the referenced Recommendation as reflected in the Attachment to Annex 15 of Document SC-WP/57-E.

Proposal:

USA/ /4-1 ADD

The Recommendation ITU-R M. 1642, “ Methodology for Calculating the EPFD Produced by All Space Stations within all RNSS systems and networks in the band 1164-1215 MHz” is required to be added to Volume 4 , ITU-R Recommendations incorporated by reference. A copy of Recommendation ITU-R M. 1642 will be made available to the Conference in accordance with the provisions of Annex 3 to Resolution 27.

Reason: Recommendation ITU-R M. 1642 fulfills all of the criteria for a recommendation which is incorporated by reference as set forth in Resolution 27 and its Annex, and therefore must be included in Volume 4 of the Radio Regulations.