

United States of America

DRAFT PROPOSAL FOR THE WORK OF THE CONFERENCE

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-2000)**, **605 (;WRC-2000)**, and Resolution **606 (WRC-2000)**. Resolution **605** concerned the development and implementation of regulations to provide protection for the ARNS in the band 1 164-1 215 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 1 164-1 215 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 960-1 215 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 1 164-1 215, “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 1 164-1 215 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 M.1642 shall be used by administrations for calculating the aggregate epdf produced by all the space stations within all RNSS systems in the band 1 164-1 215 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.

As a 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/ /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 1 164-1 215 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.
