

*IWG-1 Modifications to RCS Draft Preliminary View for WRC-07****Radio Conference Subcommittee (RCS)***

Preparation for ITU Radiocommunication Conferences

DRAFT PRELIMINARY VIEW FOR WRC-07

WRC-2007 Agenda Item 1.20: to consider the results of studies, and proposals for regulatory measures, if appropriate, regarding the protection of the Earth exploration-satellite service (passive) from unwanted emissions of active services in accordance with Resolution **738 (WRC-03)**.

ISSUE: Compatibility between~~Protection of~~ the Earth exploration-satellite (passive) service and the from unwanted emissions from active services, in the band pairs identified in the Table in Resolution **738** while taking account of all concerned services.

BACKGROUND: The 2003 World Radiocommunication Conference considered studies pertaining to the protection of the Earth exploration-satellite (passive) service from unwanted emissions under Agenda Item 1.8.2 and developed Resolution **738** to address the issue. The WRC also included the issue on the agenda for WRC-07, which is provided in Resolution **802**.

Resolution **738** calls for continued studies of compatibility between the Earth exploration-satellite (passive) service and unwanted emissions from active services in seven pairs of active and passive service frequency bands identified in the Table in the resolution. The active services involved include the fixed, mobile, radiolocation, fixed-satellite, inter-satellite and space research services.

Two other fixed service bands, 31–31.3 GHz and 51.4–52.6 GHz, are to be evaluated for the impact of imposing specified limits for unwanted emissions in adjacent EESS (passive) bands for Regions 2 and 3. The impact on fixed-service systems in these bands in Region 1 has been documented in Recommendation ITU-R SM.1633.

WRC-07 will review the results of the studies, in order to consider regulatory measures, if appropriate, to ensure the protection of EESS (passive) operating in the adjacent bands indicated in the Table, and taking into account the impact on all concerned services. The U.S. EESS (passive) community believes that Resolution **738** contains all the EESS (passive) bands that need to be considered.

In addressing Agenda Item 1.8.2 at WRC-03, the United States took the position that existing ITU-R regulations and Recommendations provide sufficient protection to the Earth exploration-satellite (passive) service, and that additional regulatory measures are not necessary.

The Radiocommunications Bureau makes no examination regarding unwanted emissions

U.S. VIEW:

- The United States supports the use of existing ITU-R regulations and updating Recommendation ITU-R SM.1633 or developing additional Recommendations as the preferred means of ensuring compatibility between~~to provide protection to~~ the EESS (passive) and active services in specified bands.

- Acceptable solutions to this agenda item should provide adequate protection for EESS passive sensors, should not place an undue burden on the active services, should not require the involvement of the Radiocommunication Bureau and should not put an undue regulatory burden on administrations.
 - Including hard limits in the Radio Regulations for unwanted emissions from active services operating in the bands in the Table in Resolution 738 (WRC-03) would be inconsistent with the second view above.
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