

RECOMMENDATION ITU-R BO.1383*

**INTRODUCTION OF THE BROADCASTING-SATELLITE SERVICE (SOUND) IN
THE SAME FREQUENCY BANDS AS USED BY MOBILE AERONAUTICAL
TELEMETRY SYSTEMS IN THE FREQUENCY RANGE 1-3 GHz**

(Question ITU-R 204/10)

(1998)

The ITU Radiocommunication Assembly,

considering

- a) that the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992) (WARC-92) allocated frequencies to the broadcasting-satellite service (BSS) (sound) and complementary terrestrial broadcasting in bands near 1.5, 2.3 and 2.6 GHz for digital sound broadcasting to portable and vehicular receivers;
- b) that Resolution No. 528 (WARC-92) also specifies a coordination procedure to be used for the introduction of digital sound broadcasting-satellite systems in the interim period prior to the conference and that the calculation methods and interference criteria to be employed in the application of this procedure be based upon relevant ITU-R Recommendations;
- c) that the ITU-R has recognized that it is very difficult for mobile aeronautical telemetry systems and the BSS (sound) service to share the same spectrum;
- d) that the 1.5 and 2.3 GHz bands contain allocations by footnotes to the mobile aeronautical telemetry system which has a safety of life requirement, and it has not been found possible to share these bands other than by frequency avoidance or wide geographical separation;
- e) that as a consequence of *considering* c) and d), it is not possible to use efficiently the spectrum allocated by WARC-92 for the satellite sound broadcasting service;
- f) that there is now pressure from operators who wish to use the BSS (sound) allocation for its intended purpose,

recommends

- 1** that the BSS (sound) service and mobile aeronautical telemetry systems should not be required to operate in the same frequency band;
- 2** that administrations bring the matter to the attention of a world radio conference, and in the meantime, consider ways to overcome the problems associated with the BSS (sound) and mobile aeronautical telemetry systems being required to operate in the same frequency band.

* This Recommendation should be brought to the attention of Radiocommunication Study Group 8.