RESOLUTION [COM4/3]

Development of protection criteria for aeronautical radionavigation service systems operating in the bands 223-230 MHz, 585-610 MHz and 645-862 MHz interfered with by terrestrial digital television systems

The first session of the Regional Radiocommunication Conference (Geneva, 2004),

considering

a) that the bands 174-230 MHz and 470-862 MHz are allocated on a primary basis to the broadcasting service in the Regional Radiocommunication Conference (RRC) planning area;

b) that the band 645-862 MHz is also allocated on a primary basis to the aeronautical radionavigation service in some countries of Region 1 according to RR No. 5.312;

c) that the band 223-230 MHz is allocated on a primary basis to the aeronautical radionavigation service in Region 3 (the Islamic Republic of Iran);

d) that the band 585-610 MHz is allocated on a primary basis to the radionavigation service in Region 3 (the Islamic Republic of Iran);

e) that relevant protection criteria are required for the analysis of interference from terrestrial digital television (DVB-T) systems to aeronautical radionavigation systems during the development of the new plan and at the implementation stage;

f) that protection criteria for the air-to-ground component of one type of aeronautical radionavigation system interfered with by DVB-T are contained in Annex 2 to Chapter 4 of the report from the first session of the RRC to the second session;

g) that Recommendation ITU-R M.1461 provides guidance on the protection criteria for radars operating in the radiodetermination service,

recognizing

that criteria for the protection of other types of aeronautical radionavigation systems, including radars, against DVB-T need to be developed,

resolves to invite ITU-R

to carry out additional studies, as a matter of urgency, in order to develop protection criteria for other types of aeronautical radionavigation systems, including radars, operating in the bands 223-230 MHz, 585-610 MHz and 645-862 MHz, which are interfered with by DVB-T systems and for which no information is contained in Annex 2 to Chapter 4 of the report from the first session of the RRC to the second session,

urges administrations

to actively participate in these studies and to provide, whenever available, measured values for possible sharing scenarios mentioned in *resolves to invite ITU-R*,

instructs the Secretary-General

to bring this the results called for in this Resolution to the attention of the second session of the RRC.