RESOLUTION [COM4/2]

Development of protection criteria for terrestrial digital television systems interfered with by terrestrial services other than broadcasting

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 co-primary basis to the broadcasting service as well as to some other terrestrial and space services in the planning area of the Regional Radiocommunication Conference (RRC);

b) that relevant protection criteria are required for the analysis of compatibility between these services during the development of the new plan and at the stage of its implementation;

c) that protection criteria for terrestrial digital television (DVB-T) systems interfered with by terrestrial systems of other primary services, referred to in Annex 4 to Chapter 4 of the report from the first session to the second session, cover only specific sharing scenarios;

d) that Recommendation ITU-R BT.1368-4 contains only protection ratios for DVB-T systems interfered with by narrow-band FM applications and by certain types of fixed-service systems,

recognizing

that criteria for protection of DVB-T against other types of potentially interfering systems, including digital wideband systems, 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 terrestrial digital television systems interfered with by those primary-service systems operating in the bands 174-230 MHz and 470-862 MHz for which no information is contained in Recommendation ITU-R BT.1368-4,

urges administrations

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

instructs the Secretary-General

to bring the results of the studies called for in this resolution to the attention of the second session of the Regional Radiocommunication Conference.