RESOLUTION COM4/1

Protection of digital terrestrial broadcasting from broadcasting-satellite service networks operating in the 620-790 MHz band

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

considering

a) that it is necessary to adequately protect, *inter alia*, the terrestrial television broadcasting systems in this band;

b) that geostationary (GSO) broadcasting-satellite service (BSS) networks and non-geostationary (non-GSO) BSS satellite networks or systems are at the stage of advance publication or coordination, or have been notified in the 620-790 MHz frequency band;

c) that the impact of these GSO BSS networks and non-GSO BSS networks or systems on digital and analogue television broadcasting systems has yet to be examined and that the sharing criteria, including the pfd limits required to protect the terrestrial services in this frequency band, are not known and depend on a possible decision of WRC-07;

d) that many administrations have extensive infrastructure for the transmission and reception of analogue and digital television signals between 620 MHz and 790 MHz;

e) that the second session of the conference will adopt an agreement together with associated plans for digital terrestrial broadcasting, *inter alia*, in the band 620-790 MHz,

noting

that the existing provisions relating to the band 620-790 MHz are ambiguous and have been difficult to apply by administrations and the Radiocommunication Bureau,

recognizing

a) that No. 5.311 of the Radio Regulations specifies the conditions under which the band 620-790 MHz may be used for assignments to television stations using frequency modulation in the BSS;

b) that use of the band 620-790 MHz by GSO and non-GSO BSS networks has been suspended by Resolution 545 (WRC-03) pending a decision by WRC-07,

further recognizing

a) that pursuant to *resolves* 3 of Resolution 545 (WRC-03), GSO BSS networks and non-GSO BSS networks or systems in the band 620-790 MHz other than those notified, brought into use and with a date of bringing into use confirmed before the end of WRC-03, shall not be brought into use before the end of WRC-07;

b) that pursuant to *resolves* 5 of Resolution 545 (WRC-03), the BSS systems referred to in *resolve*s 1 of that Resolution shall not be taken into account in the application of *resolves* 3.4 of Council Resolution 1185 (modified, 2003),

resolves

to recommend the second session of the conference to adopt the regulatory procedures necessary to ensure that:

1 the GSO-BSS and/or non-GSO BSS satellite networks/systems which were not brought into use prior to 5 July 2003 shall protect the plan(s) to be established at that session and its/their subsequent evolution;

2 the ground terminals of GSO BSS and/or non-GSO BSS satellite networks/systems which were not brought into use prior to 5 July 2003 shall not claim protection from the plan(s) as evolved nor put any constraint on the operation of the assignments/allotments of the plan(s) and its/their subsequent development and evolution,

instructs the Secretary-General

to bring this resolution to the attention of the second session of the Regional Radiocommunication Conference.

_____