

EUROPEAN COMMON PROPOSALS

PART 19

Agenda Item 1.19 - Misapplication of the non-GSO FSS single-entry limits in Article 22

Introduction

WRC-2000 established single entry epfd limits for non-GSO FSS systems in certain frequency bands in Article 22 and identified, through Resolution 135 (**WRC-95**) the desirability of developing regulatory solutions to avoid misapplication of single-entry limits by dividing a non-GSO system into several smaller non-GSO systems which independently meet the limits.

It is to be noted that any radiocommunication station subject to a “hard” power limit in the Radio regulations could be the subject of the submission to the BR of several notices with assignments of lower power, which independently meet this limit. Also, since **WRC-95**, certain non-GSO MSS feeder links are subject to an aggregate uplink pfd, which could lead to the same type of misapplication as the one referred to in Resolution 135 (**WRC-2000**). None of these situations appear to have raised any difficulty at this stage. Should it be the case, it can be handled by Section V of Article 15 (report on infringements).

The problem raised by Resolution 135 (**WRC-2000**) is not new or specific to certain non-GSO FSS systems. No difficulties have been experienced so far with similar limits which could be similarly misapplied.

Europe supports the single-entry limits included in Tables 22-1A, 22-1B, 22-1C, 22-1D, 22-2 and 22-3 of Article 22, and considers that no further study or regulatory action is necessary on this issue.

This is in line with ITU-R conclusions on this issue, as expressed in paragraph 3.1 of the CPM Report.

Proposals

NOC **EUR/1.19/1**

TABLE 22-1A (WRC-2000)

Limits to the $epfd_{\downarrow}$ radiated by non-geostationary-satellite systems in the fixed-satellite service systems in certain frequency bands

NOC **EUR/1.19/2**

TABLE 22-1B (WRC-2000)

Limits to the $epfd_{\downarrow}$ radiated by non-geostationary-satellite systems in the fixed-satellite service in certain frequency bands

NOC **EUR/1.19/3**

TABLE 22-1C (WRC-2000)

Limits to the $epfd_{\downarrow}$ radiated by non geostationary-satellite systems in the fixed-satellite service in certain frequency bands

NOC **EUR/1.19/4**

TABLE 22-1D (WRC-2000)

Limits to the $epfd_{\downarrow}$ radiated by non-geostationary-satellite systems in the fixed-satellite service in certain frequency bands into 30 cm, 45 cm, 60 cm, 90 cm, 120 cm, 180 cm, 240 cm and 300 cm broadcasting-satellite service antennas

NOC **EUR/1.19/5**

TABLE 22-2 (WRC-2000)

Limits to the $epfd_{\uparrow}$ radiated by non-geostationary-satellite systems in the fixed-satellite service in certain frequency bands

NOC **EUR/1.19/6**

TABLE 22-3 (WRC-2000)

Limits to the $epfd_{\text{IS}}$ radiated by non-geostationary-satellite systems in the fixed-satellite service in certain frequency bands

Reason

Studies conducted in ITU-R in response to Resolution 135 (WRC-2000) concluded that there is no need to change the single-entry efd limits included in Tables 22-1A, 22-1B, 22-1C, 22-1D, 22-2 and 22-3 of Article 22.

SUP EUR/1.19/7

RESOLUTION 135 (WRC-2000)

**Criteria and process for the resolution of possible cases of misapplication
of non-geostationary fixed-satellite service
single-entry limits in Article 22**

Reason

As a consequence of the above-indicated proposal, Resolution 135 (WRC-2000) is no longer required and should be suppressed.