

OPINION ITU-R 85-1

MEASUREMENTS OF THE CHARACTERISTICS OF ATMOSPHERIC RADIO NOISE

(1986-1993)

The ITU Radiocommunication Assembly,

considering

- a) that the intensity of atmospheric radio noise sets a limit to the performance of radio circuits operating at frequencies below about 30 MHz;
- b) that information contained in the several versions of Report ITU-R PI.322, and subsequently Recommendation ITU-R PI.372, has been used for many years as an element in the planning of radio services;
- c) that new information on the characteristics of atmospheric radio noise differs considerably from that given in Recommendation ITU-R PI.372 for some parts of the world;
- d) that further studies are necessary as detailed in Question ITU-R 29/6,

is of the opinion

that administrations and recognized operating agencies should make every effort:

1. to make measurements of the intensity and other characteristics of atmospheric radio noise, bearing in mind the need to distinguish natural noise from that due to man-made sources;
2. to analyse the results of measurements of atmospheric radio noise in terms of the parameters used in Recommendation ITU-R PI.372 so as to facilitate comparison;
3. to evaluate the practical effects of applying the information of Recommendation ITU-R PI.372 to the planning of radio systems.
