

RESOLUTION 737 (WRC-2000)

Review of spectrum and regulatory requirements to facilitate worldwide harmonization of emerging terrestrial wireless interactive multimedia applications

The World Radiocommunication Conference (Istanbul, 2000),

considering

- a) the rapid technical evolution taking place in several areas of telecommunications;
- b) the importance of finding global solutions and worldwide spectrum for new terrestrial wireless interactive multimedia applications;
- c) the need for terrestrial wireless interactive multimedia applications to individual end-users;
- d) the convergence between some applications of the fixed, mobile and broadcasting services;
- e) the need for worldwide allocations to such services, which also calls for higher spectrum efficiency;
- f) the benefit, also for developing countries, of new, globally harmonized equipment and spectrum for the implementation of market-driven universal services,

noting

- a) the historical practice of frequency segmentation, particularly the differences between Regions, but also segmentation between services, in the Table of Frequency Allocations (Article S5);
- b) Recommendation 34 (WRC-95), derived from the recommendations of the Voluntary Group of Experts (VGE) to study alternative allocation methods, merging of services, etc. which sets the objectives of allocating frequency bands on a worldwide basis and to the most broadly defined services, wherever possible,

also noting

- c) Resolution 9 of the World Telecommunication Development Conference (Valletta, 1998), calling for active participation by the developing countries in the review of global spectrum requirements for new technologies;
- d) that ITU-R study groups are currently addressing the relevant issues, including, *inter alia*, the digitization of broadcasting services and studies on spectrum requirements,

recognizing

- a) the time necessary to develop and agree on the technical, operational, spectrum and regulatory issues associated with the introduction of harmonized multimedia wireless applications;
- b) that service functionalities in fixed, mobile and broadcasting networks are increasingly converging;

- c) that, for international operation and economy of scale, it is desirable to agree on the technical, operational and spectrum-related parameters of systems;
- d) that spectrum consideration is a prerequisite for the technological and economical success of multimedia wireless applications,

resolves to invite ITU-R

- 1 to pursue its studies to facilitate the development of common, worldwide allocations or identification of spectrum suitable for new terrestrial wireless interactive multimedia technologies and applications;
- 2 to review regulatory methods and appropriate means of worldwide spectrum identification in order to facilitate the harmonization of emerging terrestrial wireless interactive multimedia systems for the instant and flexible implementation of universal personal services;
- 3 to review, if necessary, service definitions in the light of convergence of applications;
- 4 to report to a future competent conference,

requests administrations

to participate in these studies by submitting contributions to ITU-R, and to submit proposals to future WRCs on this subject.