

## EXTRACTS FROM THE RADIO REGULATIONS

(International Telecommunication Union - ITU)

Edition of 1990

Revised in 1994

- 4 1.2 **Telecommunication:** Any transmission, **emission** or reception of signs, signals, writing, images and sounds or intelligence of any nature by wire, **radio**, optical or other electromagnetic systems (CONV.).
- 6 1.4 **Radio Waves or Hertzian Waves:** Electromagnetic waves of frequencies arbitrarily lower than 3,000 GHz, propagated in space without artificial guide.
- 7 1.5 **Radiocommunication:** **Telecommunication** by means of **radio waves** (CONV.).
- 22 3.3 **Fixed-Satellite Service:** A **radiocommunication service** between **earth stations** at given positions, when one or more **satellites** are used; the given position may be a specified fixed point or any fixed point within specified areas; in some cases this service includes satellite-to-satellite links, which may also be operated in the **inter-satellite service**; the fixed-satellite service may also include **feeder links** for other **space radiocommunication services**.
- 36 3.17 **Broadcasting Service:** A **radiocommunication service** in which the transmissions are intended for direct reception by the general public. This service may include sound transmissions, **television** transmissions or other types of transmission (CONV.).
- 37 3.18 **Broadcasting-Satellite Service:** A **radiocommunication service** in which signals transmitted or retransmitted by **space stations** are intended for direct reception by the general public.
- In the broadcasting-satellite service, the term "direct reception" shall encompass both **individual reception** and **community reception**.
- 106 4.49 **Satellite Network:** A **satellite system** or a part of a **satellite system**, consisting of only one **satellite** and the cooperating **earth stations**.
- 107 4.50 **Satellite Link:** A radio link between a transmitting **earth station** and a receiving **earth station** through one **satellite**.

A satellite link comprises one up-link and one down-link.

- 122 5.13 **Television:** A form of **telecommunication** for the transmission of transient images of fixed or moving objects.
- 123 5.14 **Individual Reception** (in the broadcasting-satellite service): The reception of **emissions** from a **space station** in the **broadcasting-satellite service** by simple domestic installations and in particular those possessing small antennae.
- 124 5.15 **Community Reception** (in the broadcasting-satellite service): The reception of **emissions** from a **space station** in the **broadcasting-satellite service** by receiving equipment, which in some cases may be complex and have antennae larger than those used for **individual reception**, and intended for use:
- by a group of the general public at one location; or
  - through a distribution system covering a limited area.
- 404 §4. The "European Broadcasting Area" is bounded on the west by the western boundary of Region 1, on the east by the meridian 40° East of Greenwich and on the south by the parallel 30° North so as to include the western part of the USSR, the northern part of Saudi Arabia and that part of those countries bordering the Mediterranean within these limits. In addition, Iraq, Jordan and that part of the territory of Turkey lying outside the above limits are included in the European Broadcasting Area.
- 960 §4. Any administration may assign a frequency in a band allocated to the fixed service or allocated to the fixed-satellite service to a station authorized to transmit, unilaterally, from one specified fixed point to one or more specified fixed points provided that such transmissions are not intended to be received directly by the general public.
- 1992 In the application of the appropriate provisions of the Convention, administrations bind themselves to take the necessary measures to prohibit and prevent:
- 1993 (a) the unauthorized interception of radiocommunications not intended for the general use of the public;
- 1994 (b) the divulgence of the contents, simple disclosure of the existence, publication or any use whatever, without authorization, of information of any nature whatever obtained by the interception of the radiocommunications mentioned in No.1993.

- 2665 §1(1) The establishment and use of broadcasting stations (sound broadcasting and television broadcasting stations) on board ships, aircraft or any other floating or airborne objects outside national territories is prohibited.
- 2674 §3. In devising the characteristics of a space station in the broadcasting-satellite service, all technical means available shall be used to reduce, to the maximum extent practicable, the radiation over the territory of other countries unless an agreement has been previously reached with such countries.
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