

ITU Radio Regulations

*A review of ITU Radio Regulations
pertaining to amateur radio*



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ITU Radio Regulations relating to the amateur services

- 1.56 *Amateur service*
- 1.57 *Amateur-satellite service*
- Article 25 (*amateur services*)
- Resolution 641 (*7 - 7.1 MHz*)
- Resolution 642 (*earth stations*)
- Resolution 644 (*disasters*)



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1.56 *amateur service*

A radiocommunication service for the purpose of self-training, intercommunication and technical investigations carried out by amateurs, that is, by duly authorized persons interested in radio technique solely with a personal aim and without pecuniary interest.



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1.57 *amateur-satellite service*

A radiocommunication service using space stations on earth satellites for the same purposes as those of the amateur service.



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Article 25

- Section I - amateur service
- Section II - amateur-satellite service



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RR 25.1

Radiocommunications between amateur stations of different countries shall be permitted unless administration of one of the countries concerned has notified that it objects to such radiocommunications.



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RR 25.2

Transmissions between amateur stations of different countries shall be limited to communications incidental to the purpose of the amateur service, as defined in No. 1.56 and to remarks of a personal character.



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RR 25.2A

- Transmissions between amateur stations of different countries shall not be encoded for the purpose of obstructing their meaning, except for control signals exchanged between earth command stations and space stations in the amateur-satellite service.



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RR 25.3

Amateur stations may be used for transmitting international communications on behalf of third parties only in case of emergencies or disaster relief. An administration may determine the applicability of this provision to amateur stations under its jurisdiction.



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RR 25.5

Administrations shall determine whether or not a person seeking a license to operate an amateur station shall demonstrate the ability to send and receive texts in Morse code signals.



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RR 25.6

Administrations shall verify the operational and technical qualifications of any person wishing to operate an amateur station.

Guidance for standards of competence may be found in the most recent version of Recommendation ITU-R M.1544.



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RR 25.7

The maximum power of amateur stations shall be fixed by the administrations concerned.



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RR 25.8

All pertinent Articles and provisions of the (ITU) Constitution, the (ITU) Convention and of these regulations shall apply to amateur stations.



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RR 25.9

During the course of their transmissions, amateur stations shall transmit their call sign at short intervals.



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RR-25.9A

Administrations are encouraged to take the necessary steps to allow amateur stations to prepare for and meet communication needs in support of disaster relief.



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RR-25.9B

An administration may determine whether or not to permit a person who has been granted a license to operate an amateur station by another administration, to operate an amateur station while that person is temporarily in its territory, subject to such conditions or restrictions it may impose.



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RR 25.10

The provisions of Section I of this Article shall apply equally, as appropriate, to the amateur-satellite service.



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RR 25.11

Administrations authorizing space stations in the amateur-satellite service operating in the amateur-satellite service shall ensure that sufficient earth command stations are established before launch to ensure that any harmful interference caused by emissions from a station in the amateur-satellite service can be terminated immediately (see No. 22.1).



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Footnote 22.1

Space stations shall be fitted with devices to ensure immediate cessation of their radio emissions by telecommand, whenever such cessation is required under the provisions of these Regulations.



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WRC-2003

Use of the frequency band 7 100-7 200 kHz

- allocated on a world-wide basis exclusively to the amateur service
 - **7 100-7 200 kHz available in Regions 1 & 3 in March 2009, however, some Administrations have authorized amateurs early use.**
- urges administrations responsible for the broadcasting stations operating on frequencies in this band to take the necessary steps to ensure that such operations cease.



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Resolution 642

Relating to the bringing into use of earth stations
in the amateur-satellite service

When an administration intends to establish a
satellite system in the amateur-satellite service and
wishes to publish information with respect to earth
stations in that system it may:

communicate to the Radiocommunication
Bureau all or part of the information listed in
Appendix 4;



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Resolution 642....(continued)

- notify under Nos. 11.2 to 11.8 all or part of the information listed in Appendix 4;
- shall include the characteristics of a typical amateur earth station in the amateur-satellite service having the facility to transmit signals to the space station to initiate, modify, or terminate the functions of the space station.



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Resolution 644 (Rev.WRC-2000)

Telecommunication resources for disaster mitigation and relief operations

ITU-R to study aspects of radio communications relevant to disaster mitigation and relief operations, such as decentralized means of communications that are appropriate and generally available, including amateur radio facilities and mobile and portable satellite terminals



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RR Article 19 identification of stations

Section III - formation of call signs

- 1) 26 letters plus numerals may be used to form call signs.
- 2) Not used:
 - a) combinations which might be confused with distress signals
 - b) combinations reserved for the abbreviations
 - c) for amateur stations, combinations commencing with a digit when the second character is the letter O or I.



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19.67 amateur and experimental station call signs

- One or two characters and a single digit (other than 0 or 1), followed by a group of not more than three letters
- The prohibition on the use of the digits 0 and 1 does not apply to amateur stations



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