

Pursuant to item 1 of Article 78 of the Telecommunications Law (*Official Gazette of the Republic of Serbia* number 44/03) and pursuant to item 11 of Article 18 of the Statutes of the Republic Telecommunication Agency (*Official Gazette of the Republic of Serbia* number 78/05), the Managing Board of the Republic Telecommunication Agency in its session held on 17th March 2006, adopted the

RULES

ON PROCEDURE FOR RADIO STATION LICENSE ISSUANCE AND ON DATA AND DOCUMENTATION TO BE SUBMITTED TOGETHER WITH RADIO STATION LICENSE REQUEST

I GENERAL PROVISIONS

Article 1

These Rules determine the procedure for radio station license issuance and data and documentation to be submitted together with the radio station license request, by the requesters who wish to use a radio station within their principal activity or for their own needs.

Article 2

The request for radio station license issuance shall be submitted by the requester to the Republic Telecommunication Agency (hereinafter: the Agency), along with the necessary documentation stipulated under law and these Rules. One copy of the documentation shall be submitted together with the request, either the original or a certified copy.

The request may also be submitted by postal service – as registered or insured mail. The requests received in this manner shall be registered in the register of received mail, with the date of acceptance and shall be stamped with the acceptance stamp of the Agency.

The request for radio station license issuance along with the documentation may be submitted at the clerk's office of the Agency.

Article 3

In the request for the issuance of the radio station license, the requester shall indicate accurate name, address and activity ID.

Along with the request in written or electronic form, the following shall be attached:

- 1) a certified copy of documents on the basis of which the registration with the Business Registers Agency was performed;
- 2) relevant documentation on radio network, pursuant to Article 78 of the Telecommunications Law;
- 3) completed radio station license form;
- 4) proof of payment of the request processing fee to the Agency, pursuant to Article 19, paragraph 1 of the Telecommunications Law.

Article 4

The Agency shall reject the request for radio station license issuance if:

- 1) a requester does not comply with the terms and conditions stipulated under law and these Rules;
- 2) a request cannot be accepted due to technical reasons;
- 3) the regulatory authority in charge of broadcasting has not submitted relevant proposal;
- 4) the license issuance would prevent efficient usage of radio frequency spectrum or work of other telecommunications equipment;
- 5) a requester does not remedy the omissions in the submitted documents within the set period of time.

Article 5

The timeframes in which the Agency will handle the submitted requests for radio station license issuance shall be subject to the complexity of the submitted requests and additional time given to a requester in order to remedy any omissions in the submitted documentation, as well as to the timeframes for handling requests set by law in case an authorization under the public law is executed.

II DATA AND DOCUMENTATION TO BE SUBMITTED TOGETHER WITH THE REQUEST FOR SINGLE-CHANNEL RADIO LINK RADIO STATION LICENSE

Article 6

Along with the request for single channel radio link radio stations license, data and documentation in written or electronic form regarding the following shall also be submitted:

- 1) users' needs for radio links;

- 2) radio link conceptual solution;
- 3) radio link technical solution;
- 4) radio station working mode.

Article 7

Users' needs for radio links shall comprise:

- 1) purpose of radio link usage;
- 2) type of information (voice, data, image) and necessary quality of transmission;
- 3) average duration of connection and average number of calls in peak hour;
- 4) territory where the radio link will be functional.

Article 8

In the radio link conceptual solution types of radio networks shall be defined (simplex, semiduplex, duplex, multiple radio network integration, etc.), along with a schematic drawing of the radio system, in order to estimate the radio traffic density and determine the locations for base radio stations.

The radio link conceptual solution shall be such as to satisfy the expressed needs for radio links and rational usage of the allocated frequencies and ensure technical and technological unity of radio links in terms of an activity.

Article 9

Radio link technical solution shall comprise:

- 1) Methodology for the calculation of base radio station coverage area with technical parameters and realization requirements for relative radio station type. The calculation of the coverage area shall be tabular and shown on the geographic map of appropriate scale, no bigger than A3 size;
- 2) The analysis of possible radio station interferences within the proposed system;
- 3) Methodology for the calculation of single channel radio-relay link, and calculation method for radio link between the base radio station and fixed radio stations;
- 4) Calculation of quality for a single channel radio-relay link and calculation of quality of base station – fixed radio station radio link, taking into account the following:

- altitude of fixed radio station site above sea level (geographic coordinates – Greenwich);
- height of antenna above ground level;
- type of antenna, polarization, antenna gain, directivity, azimuth of maximum radiation, angular beamwidth of main lobe, elevation angle, ‘forward – backward’ ratio, etc;
- output and effectively radiated power, including both losses in cables, connectors, etc. and antenna gain;
- route profile with inscribed first Fresnel zone.

Article 10

If radio frequencies from certain radio frequency bands need to be coordinated with the neighboring countries or other interested countries, the user shall submit technical data needed for coordination for base radio stations and fixed radio stations in regard to maximum possible interference.

Data shall be submitted on Form no.1, which is printed together with these Rules and is an integral part thereof.

Article 11

At the Agency’s request, if necessary, the requester shall provide for radio measuring in order to:

- 1) confirm the calculations given in the technical solution (critical routes, radio signal range in certain direction, etc.);
- 2) define the conditions for undisturbed operation (repetition of a frequency assigned to another user, intermodulation, degradation of signal, presence of a signal from another country, electromagnetic compatibility, etc.).

Article 12

For radio stations operating in 255 kHz - 30000 kHz bands, the International Telecommunication Union shall be notified about frequencies according to data submitted by a user on the request from the Agency.

Article 13

Operating mode of radio stations in the radio network comprises:

1) technology of operation of radio links and way of radio link establishing (selective connecting, identification, call time limit), as well as special conditions for the operation of several radio stations at one micro location;

2) number of radio stations in radio networks, by type, and their technical characteristics.

Article 14

Along with the request for a license issuance for a radio station on board of a ship or other vessel, in addition to information referred to in Article 3 of these Rules, the requester shall also submit the following information and documentation:

1) for inland waterways a decision from the responsible republic authority, for international waterways a decision from the responsible authority of the State Union of Serbia and Montenegro on the name and the call sign of the ship or other vessel;

2) a photocopy of the registration or ship's passport;

3) type and manufacturer of the radio equipment and its basic technical characteristics (frequency band, power, type of emission);

4) data required for ship registration with the International Telecommunication Union in the Ship Stations Register (number of lifeboat, type and number of radio-float for determining of the place of accident and used frequency), class of ship (general and single classification), regular hours of operation of the ship station, etc.

5) a certificate that the radio station is approved for operation in maritime mobile service. potvrdu da je radio-stanica atestirana za rad u pomorskoj mobilnoj službi.

Article 15

Along with the request for license issuance for a radio station on board of an aircraft, in addition to the information referred to in Article 3 of these Rules, the requester shall also submit the following information and documentation:

1) certificate of registration of the aircraft;

2) Type and manufacturer of the radio equipment and basic characteristics (frequency range, power, class of emission).

III DATA AND DOCUMENTATION TO BE SUBMITTED ALONG WITH THE REQUEST FOR LICENSE ISSUANCE FOR RADIO BROADCASTING STATION

Article 16

Along with the request for license issuance for a radio broadcasting station, in addition to the information referred to in Article 3 of these Rules, the requester shall also submit the following information and documentation in written or electronic form:

- 1) Technical parameters of the radio station, in accordance with the required service area and frequency allotment plans;
- 2) Methodology for the calculation of coverage area, with adopted initial technical parameters and prescribed rules for radio broadcasting request fulfillment (radio station emission parameters, with desired coverage area);
- 3) The calculation of the coverage area shall be tabular and shown on the geographic map of appropriate scale;
- 4) The documentation with technical solutions and characteristics of broadcasting devices (manner of modulation delivery, type of transmitter and output power, antenna power line loss, antenna system configuration and gain, etc.);
- 5) Completed To 1, To 2 and To 3 forms with appropriate annex of the ITU Radiocommunication Bureau according to the type of the broadcasting station.

A requester shall fill in the consultation paper, according to the type of broadcasting station (mid-wave broadcasting station, FM UKT broadcasting station, television broadcasting station), in accordance with the form sent by the Agency.

In the license form the requester shall indicate the coordinates of the broadcasting device location (from a map of a 1:50000 scale), whereas in the section “Note” the following shall be indicated:

- address of the transmitter if the transmitter is in an inhabited area;
- output power of the transmitter;
- limitation in the radiation diagram, in accordance with item 1), paragraph 1 of this Article;
- antenna system gain, including the weakening in the power line and in main radiation directions;
- designation of equipment (working or reserve).

Article 17

In addition to documentation referred to in Articles 3 and 15 of these Rules, submitted to the Agency by the requester together with the request for the issuance of broadcasting

station license, appropriate proposal by the regulatory authority in charge of broadcasting, in accordance with radio frequency allotment plan, is also required.

The Agency shall deny the request for broadcasting license issuance in case the regulatory authority in charge of broadcasting has not submitted the appropriate proposal.

IV DATA AND DOCUMENTATION TO BE SUBMITTED TOGETHER WITH THE REQUEST FOR THE ISSUANCE OF MULTI-CHANNEL TERRESTRIAL AND SATELLITE LINK RADIO STATIONS

Article 18

Together with the request for the issuance of multi-channel terrestrial and satellite radio relay connection radio station license, in addition to the data referred to in Article 3 of these Rules, the requester shall also submit the following data and documentation in written or electronic form:

- 1) geographic display of the of the installed part of radio links of the user, in the area where a new radio link is being installed;
- 2) geodetic survey containing data on radio station location, i.e. the location of its antenna systems;
- 3) calculation method for the quality of signal with adopted initial technical parameters and prescribed regulations for the quality of transmission and availability of the designed radio-relay link;
- 4) calculation of the quality of signal transmission, with the explanation regarding the compliance with the prescribed regulations and connection availability time.

In order to enforce the procedure of frequency coordination with the neighboring countries, for radio stations operating in 370-430 MHz band, additional data shall be submitted according to Form no.1, which is printed together with these Rules and is an integral part thereof.

Article 19

Along with the request for the issuance of multi-channel satellite radio link radio stations license, the requester shall, in addition to data referred to in Article 3 of these Rules, also submit:

- 1) The technical documentation containing the information on work description (purpose, connectivity, etc.), technical characteristics of the device (receiver/transmitter);
- 2) satellite name and position;

3) Bandwidth of emission and emission identification, pursuant to Article 4 of the international Radio Regulations;

4) gain, type and manufacturer of the antenna;

5) completed ApS 4/III form along with the coordination zones for transmission and reception of the earth station according to Article 11, Section III of the international Radiocommunication Regulations.

If the requester is a foreign legal person, the following shall also be submitted:

1) name and seat of the requester;

2) certified copy of the contract under which the foreign legal person performs business-technical, information, scientific, cultural, sport's or other collaboration with relevant national authorities or organizations.

The requester shall fill in appropriate consultation paper.

V RENEWAL OF RADIO STATION LICENSE

Article 20

Radio station license may be renewed on the basis of a written request by the license holder, which shall be submitted to the Agency no later than 60 days before the license validity period expires.

When the license holder is a foreign legal person, the renewal of radio station license may be approved under the same terms and conditions under which it has been issued.

VI FINAL PROVISION

Article 21

These Rules shall enter into force on the eighth day after the day they are published in the "Official Gazette of the Republic of Serbia".

Technical data for frequency co-ordination with administrations of the neighboring countries

4A. Name of the location of the transmitting station

4C. Geographic coordinates of the location of the transmitting or receiving station

5B. Distance between transmitter and receiver

1. Class of station

2. Class of emission

3. Maximum effectively radiated power

8A. Maximum effectively radiated power towards a neighboring country

9A. Azimuth of maximum radiation towards a neighboring country

9D. Maximum effective antenna height

9E. Azimuth of maximum effective antenna height towards a neighboring country