

This is an unofficial translation. The legally binding text is the original Czech version.



Czech Telecommunication Office
with headquarters at Sokolovská 219, Prague 9
P.O. Box 02, Prague 025, Postcode 225 02

Prague, 14 January 2015
Ref. ČTÚ-61 587/2014-613

On the basis of public consultation, in compliance with the Act No. 500/2004 Coll., the Administrative Procedure Code, as subsequently amended, under Section 130 of the Act 127/2005 Coll., on electronic communications and on amendment to certain related acts (the Electronic Communications Act), as subsequently amended (hereinafter “the Act”) and on the basis of the decision of the Council of the Czech Telecommunication Office (hereinafter “the Office”) under Section 107(9)(b)(2) of the Act and in order to implement Sections 9 and 12 of the Act, the Office as the appropriate State administration body under Section 108(1)(b) of the Act hereby issues this Measure of General Nature

General Authorization No. VO-R/7/01.2015-1
for the use of radio frequencies and for the operation of citizen band radio stations
in the 27 MHz band.

Article 1
Introductory provision

The apparatus operating conditions^{1),2)}, relating to the use of radio frequencies and operation of low-power transmitting radio equipment – citizen band radio stations in 27 MHz band (hereinafter “the stations”) for radio connection between natural or juristic persons (hereinafter “the user”), are laid down in the Act and in this General Authorization under Section 10(1) of the Act³⁾.

Article 2
Factual Conditions

The factual conditions related to Section 10(1)(m) of the Act are as follows:

(1) The station may be operated without individual authorization for the use of radio frequencies.

¹⁾ Sections 73 up to 74 of the Act.

²⁾ ČSN ETSI EN 300 135 – Electromagnetic Compatibility and Radio Spectrum Matters (ERM) – Angle modulated citizen band radio equipment (CEPT PR 27); ČSN ETSI EN 300 433 – Electromagnetic Compatibility and Radio Spectrum Matters (ERM) – the Land mobile service – Double Side Band (DSB) and/or Single Side Band (SSB) amplitude modulated Citizens’ Band (CB) radio equipment.

³⁾ This General Authorization is based on Decision of the Electronic Communications Committee (hereinafter “ECC”) No. CEPT/ECC/DEC(11)03 of 24 June 2011 on the harmonized use of frequencies for Citizens’ Band (CB) radio equipment.

This is an unofficial translation. The legally binding text is the original Czech version.

(2) The stations use the following radio frequencies:

Channel No.	Frequency [MHz]	Channel No.	Frequency [MHz]	Channel No.	Frequency [MHz]	Channel No.	Frequency [MHz]
1 ⁴⁾	26.965	21	27.215	41	26.565	61	26.765
2	26.975	22	27.225	42	26.575	62	26.775
3	26.985	23 ⁴⁾	27.255	43	26.585	63	26.785
4	27.005	24 ⁴⁾	27.235	44	26.595	64	26.795
5	27.015	25 ⁴⁾	27.245	45	26.605	65	26.805
6	27.025	26	27.265	46	26.615	66	26.815
7	27.035	27	27.275	47	26.625	67	26.825
8	27.055	28	27.285	48	26.635	68	26.835
9 ⁴⁾	27.065	29	27.295	49	26.645	69	26.845
10 ⁴⁾	27.075	30	27.305	50	26.655	70	26.855
11	27.085	31	27.315	51	26.665	71	26.865
12	27.105	32	27.325	52 ⁴⁾	26.675	72	26.875
13	27.115	33	27.335	53 ⁴⁾	26.685	73	26.885
14	27.125	34	27.345	54	26.695	74	26.895
15	27.135	35	27.355	55	26.705	75	26.905
16	27.155	36	27.365	56	26.715	76 ⁴⁾	26.915
17	27.165	37	27.375	57	26.725	77 ⁴⁾	26.925
18 ⁴⁾	27.175	38	27.385	58	26.735	78	26.935
19 ⁴⁾	27.185	39	27.395	59	26.745	79	26.945
20	27.205	40	27.405	60	26.755	80 ⁴⁾	26.955

(3) In operation of the stations is not allowed:

- a) the use of additional high-frequency power amplifiers;
- b) the use of directional antennas with gain in horizontal plane;
- c) the transmission which has no information content;
- d) the transmission without reception, the transmission of the radio beacons and the transmission of the identification of the automatic station;
- e) the transmission for commercial purposes and the transmission of advertisement;
- f) the transmission of the radio broadcasting or such type of the broadcasting.

(4) The transmission of telephony with angular (frequency – FM or phase – PM) modulation (transmission class F3E, G3E)⁵⁾ is allowed for the channels No. 1 up to No. 80 with maximal radiated power 4 W⁶⁾.

⁴⁾ The channel of the specific use – see article 2, paragraph 6 up to 9.

This is an unofficial translation. The legally binding text is the original Czech version.

(5) The transmission with Double Side Band amplitude modulation – DSB (transmission class A3E)⁵⁾ with maximal radiated power 4 W (measured as effective value of the power)⁶⁾, ⁷⁾ and with Single Side Band – SSB (transmission class J3E, R3E)⁵⁾ with maximal radiated power 12 W e.r.p. (measured as the average power during one high-frequency cycle of the peak amplitude of the modulation envelope⁶⁾, ⁸⁾ is allowed only for the channels No. 1 up to No. 40.

(6) The transfer of data (transmission class F1D, F2D, G1D, G2D, J1D, J2D, A1D, A2D)⁵⁾ can be only transmitted on the channels No. 24, 25, 52, 53, 76 and 77.

(7) The channels No. 18 and No. 23 are reserved for the operation of the remote-controlled stations in idle mode.

(8) The channel No. 9 is reserved for information of special importance, e.g. distress calls in case of disaster, accident, injury, announcement about criminal offence and so on.

(9) The channel No. 1 is designated preferentially as a paging channel and the channel No. 80 as a calling channel using selective calling. Having established connection on these channels, the users should find another channel and change over to it.

(10) The channels No. 10 and 19 are designated preferentially for the service about traffic information.

(11) The stations shall not be used for the provision of the electronic communication services.

(12) The stations shall be used neither on board a plane nor as aircraft or aeronautical stations.

(13) The stations are operated using shared frequencies.

(14) The use of the radio frequencies by the stations belongs to the category of a secondary service⁹⁾, i.e. the stations shall not cause harmful interference to the stations in a primary radiocommunication service nor request the protection from them. They also have no protection from harmful interference caused by other citizen band radio stations. Interference issues, if any, are settled by mutual agreement between the users.

(15) The station can be neither electrically nor mechanically modified.

Article 3

Final Provisions

Also considered as a station complying with the Government Order No. 426/2000 Coll., laying down the technical requirements for radio equipment and telecommunication terminal equipment, as amended, is any station for which the Office decided to approve the radio equipment in accordance with Section 10 of the Act No. 151/2000 Coll., on telecommunications and on amendment to certain acts, as amended, provided that such station has been released to the market before 1 April 2003.

⁵⁾ Annex No. 2 to the Decree No. 156/2005 Coll., on the technical and operating conditions of the amateur radio communication service.

⁶⁾ Definition and method of the measurement of the power is set down in article 8.2, harmonize standards²⁾.

⁷⁾ Abbreviation RMS stands for Root Mean Square.

⁸⁾ Abbreviation PEP stands for Peak Envelope Power.

⁹⁾ Chapter 5, item 5.23 up to 5.33 of the Frequency Band Allocation Plan (National Table of Frequency Allocation - NTFA) of 2 April 2010, Annex to Decree No. 105/2010 Coll.

This is an unofficial translation. The legally binding text is the original Czech version.

Article 4

Repealing Provisions

This is to repeal General Authorization No. VO-R/7/04.2012-6 for the use of the radio frequencies and for the operation of citizen band radio stations in the 27 MHz band, ref. ČTÚ-32804/2012-613 of 24 April 2012, published in Issue 6/2012 of the Telecommunications Bulletin.

Article 5

Effect

This General Authorization comes into effect from 15 February 2015.

Explanatory Memorandum

To implement Section 9 and Section 12 of the Act, the Office issues General Authorization No. VO-R/7/01.2015-1 for the use of radio frequencies and for the operation of citizen band radio stations in the 27 MHz band (hereinafter “the General Authorization”).

This General Authorization is based on the principles set out in the Act and also on the frequency plans and harmonization objectives of the European Communities, and it replaces the General Licence No. VO-R/7/04.2012-6, repealed by Article 4 of the General Authorization.

Article 2 contains the conditions of the operation of citizen band radio stations in the 27 MHz band. These conditions are based on the decisions of the European Conference of Postal and Telecommunications Administrations (CEPT), particularly on the CEPT Decision No. CEPT/ECC/DEC(11)03 of 24 June 2011, on the harmonized use of frequencies for Citizens' Band (CB) by radio equipment and on the Directive No. 1999/5/EC of the European Parliament and of the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity.

After the publication of the General Authorization No. VO-R/7/04.2012-6, the Office in the frame of administration of the radio spectrum management gained knowledge and on the basis of this concluded that some conditions in General Authorization should be more specified and modified, particularly the definitions what types of operation in the citizen band is allowable. The Office considered also the remarks of the operators of the citizen band radio stations. Furthermore the Office took the conditions of the operation of the citizen band radio stations in neighbouring countries into account. On the basis of aforesaid, the Office in sense of Section 12 carried out the following changes in the General Authorization:

1. In article 2, paragraph 3 which combines earlier paragraphs c), d), and o), the types of operation which are not allowed in the citizen band were specified.

2. In article 2, paragraph 6, the classes of transmission for transfer of data including addition of the classes for DSB and SSB transmission according paragraph 5 were more specified.

3. In article 2, paragraph 7, the term “the remote-controlled answering machines (repeaters)” was more specified by use of the term “the remote-controlled stations in idle mode” with respect to the prevention of misunderstanding with the term “repeater”.

4. The provision addresses the connection of the additional equipment (article 2, paragraph l) earlier), was repealed as for the additional equipment which would change

This is an unofficial translation. The legally binding text is the original Czech version.

parameters of the transmission, the conditions for operation of devices applies¹⁾, ²⁾, thereby observance of the specified parameters of the radio spectrum is ensured.

5. In article 2, paragraph 11 (article 2, paragraph m) earlier), existing prohibition on connection of the equipment either directly or indirectly to the public communication networks was repealed as this provision specified long time ago, nowadays no more makes sense and prevents for example from transfer of the telemetric data on the Internet.

6. Further partial modifications were carried out in particular for purpose of the unification of the form of the General Authorization with other General Authorizations.

Article 3 sets down the possibility of operation of the equipment placed on the market before 1 April 2003.

Article 4 repeals the General Authorization No. VO-R/7/04.2012-6.

Article 5 sets down the effect of the General Authorization in accordance with Section 124(2) of the Act.

On the basis of Section 130 of the Act and in accordance with the Czech Telecommunication Office's Rules for consultations at the discussion site, the Office published the Draft Measure of a General Nature on 3 November 2014. The Draft contains the issue of the General Authorization No. VO-R/7/XX.2014-Y for the use of radio frequencies and for the operation of citizen band radio stations in the 27 MHz band, and an invitation to submit comments at the discussion site.

Within the consultations, the Office did not receive any comment during 1 month in accordance with Rules of the Czech Telecommunication Office for conducting of consultations at the discussion site. Beyond the framework of these comments the Office received 5 standpoints and contributions to the discussion. These standpoints partly addresses the definition of the radiated power, thus the Office considered it and the definition of the power was more specified by reference to the provision of harmonized standards. Part of standpoints with respect to the radiated power could not be accepted as requirements were in contrary to the definition in decision CEPT³⁾. Another contribution furthermore proposed not to repeal the prohibition about the link with devices either directly or indirectly to the public communication networks by reason of that it could cause disturbance of communication at long distance. The Office did not comply with this contribution as the purpose of the citizen band radio stations is particularly personal communication at short distance. The Office also did not comply with requirement which called for extension of the possibility to transmit with SSB / DSB modulation on entire channels as the possibility of such transmission which is in compliance with decision CEPT³⁾ addresses the harmonized channel 1–40 only and furthermore the other states (e.g. Germany) uses the same provision.

On behalf of the Council of the Czech
Telecommunication Office

Jaromír Novák

Chairman of the Council
of the Czech Telecommunication Office
<Signed>