

**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, 22 November 2016  
Ref. ČTÚ-90 290/2016-613

On the basis of public consultation under Section 130 of the Act No. 127/2005 Coll., on electronic communications and on amendment to certain related acts (The Electronic Communications Act), as amended (hereinafter “the Act”) and under of the Act No. 500/2004 Coll., the Administrative Regulations, as amended, 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/7/11.2016-12  
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<sup>1),2)</sup>, 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 Act<sup>3)</sup>.

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.

(2) The stations use the following radio frequencies:

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<sup>1)</sup> Sections 73 up to 74 of the Act.

<sup>2)</sup> European harmonized standards referred to in article 2(6) of this General Authorization, applied on the basis of the law No. 90/2016 Coll., on the assessment of conformity of stated products in case of their delivery on market, and Government Decree No. 426/2000 Coll., by which is set down technical requirements on radio and telecommunication terminal devices, as amended.

<sup>3)</sup> 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.

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Channel No.	Frequency [MHz]	Channel No.	Frequency [MHz]	Channel No.	Frequency [MHz]	Channel No.	Frequency [MHz]
1 <sup>4)</sup>	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 <sup>4)</sup>	27.255	43	26.585	63	26.785
4	27.005	24 <sup>4)</sup>	27.235	44	26.595	64	26.795
5	27.015	25 <sup>4)</sup>	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 <sup>4)</sup>	27.065	29	27.295	49	26.645	69	26.845
10 <sup>4)</sup>	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 <sup>4)</sup>	26.675	72	26.875
13	27.115	33	27.335	53 <sup>4)</sup>	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 <sup>4)</sup>	26.915
17	27.165	37	27.375	57	26.725	77 <sup>4)</sup>	26.925
18 <sup>4)</sup>	27.175	38	27.385	58	26.735	78	26.935
19 <sup>4)</sup>	27.185	39	27.395	59	26.745	79	26.945
20	27.205	40	27.405	60	26.755	80 <sup>4)</sup>	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; excepting the transmission of short warning information messages by entities of transport infrastructure during short-term extraordinariness in traffic (maintenance work, traffic accidents, etc.) for drivers on land roads for the duration of 8 hours;
- e) the transmission of the radio beacons and the transmission of the identification of automatic stations;
- f) the transmission for commercial purposes and the transmission of advertisement;
- g) the transmission of the radio broadcasting or such type of the broadcasting.

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

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(4) The transmission of telephony with angular (frequency – FM or phase – PM) modulation (transmission class F3E, G3E)<sup>5)</sup> is allowed for the channels No. 1 up to No. 80 with maximal radiated power 4 W<sup>6)</sup>.

(5) The transmission with Double Side Band amplitude modulation – DSB (transmission class A3E)<sup>5)</sup> with maximal radiated power 4 W (measured as effective value of the power)<sup>6), 7)</sup> and with Single Side Band – SSB (transmission class J3E, R3E)<sup>5)</sup> 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 envelope<sup>6), 8)</sup> is allowed only for the channels No. 1 up to No. 40.

(6) Harmonised standard for stations is ČSN ETSI EN 300 433<sup>9)</sup>.

(7) The transfer of data (transmission class F1D, F2D, G1D, G2D, J1D, J2D, A1D, A2D)<sup>5)</sup> is allowed on the channels No. 24, 25, 52, 53, 76 and 77 only.

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

(9) 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.

(10) 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.

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

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

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

(14) The stations are operated using shared frequencies.

(15) The use of the radio frequencies by the stations belongs to the category of a secondary service<sup>10)</sup>, 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.

(16) 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.

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

<sup>6)</sup> Definition and method of the measurement of the power is set down in article 8.2, harmonised standards<sup>2)</sup>.

<sup>7)</sup> Abbreviation RMS stands for Root Mean Square.

<sup>8)</sup> Abbreviation PEP stands for Peak Envelope Power.

<sup>9)</sup> ČSN ETSI EN 300 433 – Electromagnetic Compatibility and Radio Spectrum Matters (ERM) – Land Mobile Service – Double Side Band (DSB) and/or Single Side Band (SSB) amplitude modulated citizen's band radio equipment.

<sup>10)</sup> 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.

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#### Article 4

#### **Repealing Provisions**

This is to repeal General Authorization No. VO-R/7/01.2015-1 for the use of the radio frequencies and for the operation of citizen band radio stations in the 27 MHz band, ref. ČTÚ-61 587/2014-613 of 14 January 2015, published in Issue 1/2015 of the Telecommunications Bulletin.

#### Article 5

#### **Effect**

This General Authorization comes into effect from 15 December 2016.

#### **Explanatory Memorandum**

To implement Section 9 and Section 12 of the Act, the Office issues General Authorization No. VO-R/7/11.2016-12 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/7/01.2015-1, 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) radio equipment, amended 17 June 2016 and of the Directive 2014/53/EU of the European Parliament and of the Council on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC.

After the publication of the General Authorization No. VO-R/7/01.2015-1, the Office received proposal concerning of the possibility to transmit short warning information messages, by traffic infrastructure subjects, during short-term extraordinariness in traffic (maintenance work, traffic accidents, etc.) for drivers of ground roads which was not possible under up to now general authorisation. The Office evaluated such transmission as beneficial for drivers and it will not affect the communication in 27 MHz citizen band. Furthermore, the Office took into consideration here above stated modification of CEPT Decision, which relates to harmonised standards for equipment transmitting in citizen band. On the basis of mentioned according to Section 12 of the Act, the following changes were implemented:

1. In article 2, paragraph 3, the existing letter d) was split into letters d) and e) and exception was added into letter d) for transmission of short warning information messages by traffic infrastructure subjects.

2. The list of existing harmonised standards was updated. Due to the unification of introduction of harmonised standards with other current issued of general authorisations, data on standards were moved from footnote <sup>2)</sup> into article 2, paragraph 6.

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/7/01.2015-1.

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

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On the basis of Section 130 of the Act and in accordance with the Czech Telecommunication Office's Rules for conducting of consultations at the discussion site, the Office published the Draft Measure of a General Nature on 29 September 2016. The Draft contains the issue of the General Authorization No. VO-R/7/XX.2016-Y for the use of radio frequencies and for the operation of citizen band radio stations in the 27 MHz band, and the invitation to submit comments at the discussion site.

In the framework of public consultation during one month, the Office did not receive any comment.

On behalf of the Council of the Czech  
Telecommunication Office

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