



MEMORANDUM CIRCULAR
No. 02-06-2019

SUBJECT : FREQUENCY BAND ALLOCATION AND TYPES OF EMISSIONS FOR AMATEUR RADIO SERVICE

Pursuant to Act No. 3846, as amended; Executive Order No. 546; Item No. 2.2.2 of Section I and Item No. 1.1.2 of Section III of NTC Memorandum Circular No. 03-08-2012; and other relevant regulations, the following frequency band allocation and types of emissions for amateur radio service are hereby promulgated:

Section I. DEFINITIONS

1. The following definitions are hereby adopted for this Circular:

- 1.1 **Continuous Wave (CW) or Morse Code** – is a radio wave of constant amplitude and constant frequency. As a modulation form, CW is defined as an interrupted continuous wave, which is on/off, keyed using Morse code. [Recommendation ITU-R F.1610 (2003)].
- 1.2 **Telephony (also known as Phone)** is a form of telecommunication primarily intended for the exchange of information in the form of speech. [Recommendation ITU-R V.662-3].

Image refers to facsimile or television. Facsimile is a form of telegraphy for the transmission of fixed images, with or without half-tones, with a view to their reproduction in a permanent form [ITU Radio Regulations 1.122]. Television is a form of telecommunication for the transmission of transient images of fixed or moving objects [ITU Radio Regulations 1.128]

For purposes of this Circular, **PI** is short for Telephony and Image.

- 1.3 **RTTY or Data (RD)** – is an information that is represented by a code consisting of a sequence of discrete elements. Digital data is produced by teletypewriters, digital facsimile equipment and computer terminals among other sources. The signals are generally transmitted by digital to analog conversion to Frequency Shift Keying (FSK) or Phase Shift Keying (PSK). [Recommendation ITU-R F.1610 (2003)].
- 1.4 **Primary Service (PRI)** – is a radio service wherein stations are entitled to protection from harmful interference caused by any other radio frequency/spectrum user that may be authorized to use the same radio frequency / spectrum on secondary basis.

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- 1.5 **Secondary Service (Sec)** – is a radio service wherein stations: a) shall not cause harmful interference to stations of primary services to which frequencies are already assigned or to which frequencies may be assigned at a later date; b) cannot claim protection from harmful interference from stations of a primary service to which frequencies are already assigned or may be assigned at a later date; and c) can claim protection, however, from harmful interference from stations of the same or other secondary service/s to which frequencies may be assigned at a later date.

Section II. **FREQUENCY BAND ALLOCATION AND TYPES OF EMISSIONS BY LICENSE CLASS**

Radio amateur license holders, depending on their license class, shall be authorized to operate only within the prescribed frequency bands and types of emissions as indicated in Annexes 1 and 2 of this Circular.

Section III. **REPEALING CLAUSE**

This Circular supersedes or amends any existing circular, memorandum, order or parts thereof which are inconsistent herewith.

Section IV. **EFFECTIVITY**

This Circular shall take effect fifteen (15) days after publication in a newspaper of general circulation and three (3) certified true copies furnished the UP Law Center.

Quezon City, Philippines, 11 June 2019


GAMALIEL A. CORDOBA
Commissioner


EDGARDO V. CABARIOS
Deputy Commissioner


DELILAH F. DELES
Deputy Commissioner

EXTRA CLASS (A)	GENERAL CLASS (B)	TECHNICIAN CLASS (C)	FOUNDATION CLASS (D)
<p>1 135.7 KHz. 137.8 KHz. Sec <input type="text" value="CW/PI/RD"/></p>			
<p>2 472.0 KHz. 479.0 KHz. Sec <input type="text" value="CW/PI/RD"/></p>			
<p>1.800 MHz. 2.000 MHz. PRI <input type="text" value="CW/PI/RD"/></p>			
<p>3.500 MHz. 3.535 MHz. PRI <input type="text" value="CW/RD"/></p>	<p>3.500 MHz. 3.535 MHz. PRI <input type="text" value="CW/RD"/></p>		
<p>3.535 MHz. 3.660 MHz. PRI <input type="text" value="CW/PI/RD"/></p>	<p>3.535 MHz. 3.660 MHz. PRI <input type="text" value="CW/PI/RD"/></p>		
<p>3.660 MHz. 3.900 MHz. PRI <input type="text" value="CW/PI"/></p>	<p>3.660 MHz. 3.900 MHz. PRI <input type="text" value="CW/PI"/></p>		
<p>3 5.3515 MHz. 5.3665 MHz. Sec <input type="text" value="CW/PI/RD"/></p>	<p>3 5.3515 MHz. 5.3665 MHz. Sec <input type="text" value="CW/PI/RD"/></p>	<p>3 5.3515 MHz. 5.3665 MHz. Sec <input type="text" value="CW/PI"/></p>	
<p>7.000 MHz. 7.025 MHz. PRI <input type="text" value="CW/RD"/></p>	<p>7.000 MHz. 7.025 MHz. PRI <input type="text" value="CW/RD"/></p>	<p>7.000 MHz. 7.025 MHz. PRI <input type="text" value="CW/RD"/></p>	
<p>7.025 MHz. 7.125 MHz. PRI <input type="text" value="CW/PI/RD"/></p>	<p>7.025 MHz. 7.125 MHz. PRI <input type="text" value="CW/PI/RD"/></p>	<p>7.025 MHz. 7.125 MHz. PRI <input type="text" value="CW/PI/RD"/></p>	

CW : Continuous Wave or Morse Code

PI : Phone or Image

RD : RTTY or Data

PRI : Primary Service

Sec : Secondary Service

1 : Refer to 5.67A Footnotes of ITU RR (Annex 3)

2 : Refer to 5.80A Footnotes of ITU RR (Annex 3)

3 : Refer to 5.133B Footnotes of ITU RR (Annex 3)