

INTRODUCTION/ BACKGROUND

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The Secretary of Public Works and Communication is empowered to assign call letters and frequencies for each licensed station in the Philippines. There are a set of guidelines to be followed to allow each licensed station to have a unique identification. These guidelines are stated in Republic Act 3846, Section 3, Paragraph C.

DEFINITION OF TERMS

 Call sign, Call name or Call letters: is a unique designation for a transmitting station

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• Frequency: is the number of occurrences of a repeating event per unit time, wherein there is a designated frequency for each station.

PARAGRAPH C, SECTION 3,RA 3846

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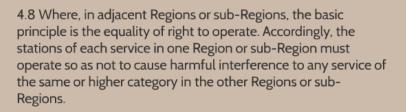
REQUIREMENTS/PRECRIPTIONS:

- That the secretary of Public Works and Communications, is hereby empowered to assign call letters for each station.
- That the secretary of Public Works and Communications, is hereby empowered to assign frequencies to each station.

INTERNATIONAL RADIO REGULATIONS, Chapter ii
Article 4: Assignment and use of frequencies

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- 4.1 Member States shall endeavor to limit the number of frequencies and the spectrum used to the minimum essential to provide in a satisfactory manner the necessary services.
- 4.2 Member States undertake that in assigning frequencies to stations which are capable of causing harmful interference to the services rendered by the stations of another country.
- 4.3 Any new assignment or any change of frequency or other basic characteristic of an existing assignment shall be made in such a way as to avoid causing harmful interference to services rendered by stations.
- 4.5 The frequency assigned to a station of a given service shall be separated from the limits of the band allocated to this service.
- 4.6 For the purpose of resolving cases of harmful interference, the radio astronomy service shall be treated as a radio communication service.
- 4.7 For the purpose of resolving cases of harmful interference, the space research (passive) service and the earth exploration-satellite (passive) service shall be afforded protection from different services in other bands only to the extent that these different services are protected from each other.



4.9 No provision of these Regulations prevents the use by a station in distress, or by a station providing assistance to it, of any means of radio communication at its disposal to attract attention, make known the condition and location of the station in distress, and obtain or provide assistance.

4.10 Member States recognize that the safety aspects of radio navigation and other safety services require special measures to ensure their freedom from harmful interference; it is necessary therefore to take this factor into account in the assignment and use of frequencies.

4.11 Member states recognize that among frequencies which have long distance propagation characteristics, those in the bands between 5 MHz and 30 MHz are particularly useful for long-distance communication.

4.12 To reduce requirements for frequencies in the bands between 5 MHz and 30 MHz and thus to prevent harmful interference to long-distance radio communications, administrations are encouraged to use, whenever practicable, any other possible means of communication.

4.13 When special circumstances make it indispensable to do so, an administration may, as an exception to the normal methods of working authorized by these Regulations, have recourse to the special methods of working enumerated below, on the sole condition that the characteristics of the stations still conform to those inserted in the Master International Frequency Register:

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- 4.14 a) a station in the fixed service or an earth station in the fixed-satellite service may, under the conditions defined in Nos. 5.28 to 5.31, transmit to mobile stations on its normal frequencies;
- 4.15 b) a land station may communicate, under the conditions defined in Nos. 5.28 to 5.31, with fixed stations in the fixed service or earth stations in the fixed satellite service or other land stations of the same category.
- 4.16 However, in circumstances involving the safety of life, or the safety of a ship or aircraft, a land station may communicate with fixed stations or land stations of another category.
- 4.17 Any administration may assign a frequency in a band allocated to the fixed service or allocated to the fixed-satellite service to a station authorized to transmit, unilaterally, from one specified fixed point to one or more specified fixed points provided that such transmissions are not intended to be received directly by the general public.
- 4.18 Any mobile station using an emission which satisfies the frequency tolerance applicable to the coast station with which it is communicating may transmit on the same frequency as the coast station on condition that the latter requests such transmission and that no harmful interference is caused to other stations.
- 4.19 In certain cases provided for in Articles 31 and 51, aircraft stations are authorized to use frequencies in the bands allocated to the maritime mobile service for the purpose of communicating with stations of that service (see No. 51.73). (WRC-07)
- 4.20 Aircraft earth stations are authorized to use frequencies in the bands allocated to the maritime mobile-satellite service for the purpose of communicating, via the stations of that service, with the public telegraph and telephone networks.
- 4.21 In exceptional cases, land mobile earth stations in the land mobile-satellite service may communicate with stations in the maritime mobile-satellite and aeronautical mobile-satellite services. Such operations shall comply with the relevant provisions of the Radio Regulations relating to those services and shall be subject to agreement among administrations concerned, taking due account of No. 4.10.
- 4.22 Any emission capable of causing harmful interference to distress, alarm, urgency or safety communications on the international distress and emergency frequencies established for these purposes by these Regulations is prohibited

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Article 19: Identification of Stations Section I - General provisions

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All transmissions shall be capable of being identified either by identification signals or by other means.