

G.N. 118/1948  
G.N. 30/1950  
G.N. 292/1952  
G.N. 192/1954  
G.N. 12/1961  
G.N. 129/1961  
G.N. 154/1964  
G.N. 186/1964  
S.I. 109/1965

**TELECOMMUNICATIONS (LICENCE FEES AND MOBILE STATIONS) RULES**<sup>10</sup>

(SECTION 59)

*[Commencement 19th June, 1948]*

Short title.

**1.** These Rules may be cited as the Telecommunications (Licence Fees and Mobile Stations) Rules.

**PART I  
MARINE RADIO INSTALLATIONS**

Categories.

**2.** Marine radio installations for radio telegraph operation will be considered in two categories —

- (a) Cargo vessels under sixteen hundred tons gross tonnage and passenger vessels whose route of operation does not involve distances of more than two hundred miles from the nearest land.
- (b) Cargo vessels of or exceeding sixteen hundred tons and passenger vessels whose operation involves distances in excess of two hundred miles from the nearest land.

Category (A)

**3.** Vessels in category (A) may be fitted with radio telegraph installations on a voluntary basis for operation on the 500 Kc marine radio telegraph channel and such other of the appropriate maritime mobile frequencies as may be published from time to time. Such vessels may employ radio telephony if desired.

Category (B)

**4.** Vessels in category (B) must be fitted with a radiocommunication installation conforming with the international requirements, except that passenger vessels up to and including sixteen hundred tons gross operating on routes not exceeding two hundred miles from the nearest land may be authorised to carry a radio telephone installation in lieu of the radio telegraph.

In all other cases radio telegraph facilities must be provided and such facilities shall be in accordance with the international requirements as regard power, type of equipment and installation.

Licences.

**5.** Licences are required for each radio telephone or telegraph installation and for operating personnel.

<sup>10</sup> See the Bahamas Telecommunications (Fees) Regulations.

6. The form of ship radiocommunication licence is as shown in Form A in the Schedule of these Rules. Form of licence.  
Form A.

7. The forms of radio telephone operating licences are as shown in Forms B1 and B2 in the Schedule to these Rules. Forms of licences.  
Forms. B1 and B2.

8. Radio telephone licences for operating personnel will be of two kinds, *viz.* — Radio telephone licences.

Radio telephone licence A — General.

Radio telephone licence B — Restricted,

and will be granted to applicants with the following qualifications:

*Licence A*

- (a) Practical knowledge of radiotelephony, especially as regards the avoidance of interference.
- (b) Knowledge of the adjustment and working of radiotelephone apparatus.
- (c) Ability to send correctly and to receive correctly by telephone.
- (d) Knowledge of the Regulations applying to the exchange of radiotelephone communications and of the part of the Radiocommunication Regulations relating to the safety of life.

*Licence B*

- (a) Ability to send correctly and to receive correctly by telephone.
- (b) Knowledge of the Regulations applying to the exchange of radiotelephone communications and of the part of the Radiocommunication Regulations relating to the safety of life.

9. Marine radio telegraph licences for operating personnel will be of three kinds, *viz.* — Marine radio telegraph licences.

First Class, Second Class Special, and will be granted to applicants with the following qualifications:

*First Class Licence*

A first class licence in the form of Form C in the Schedule to these Rules will be issued to operators who have given proof of the technical and professional knowledge and qualifications set out below — Form C.

- (a) Knowledge of the general principles of electricity, of the theory of radiotelegraphy and radiotelephony, and of the adjustment and practical working of the types of apparatus used in the radiotelegraph and radiotelephone mobile service, including apparatus for radio direction-finding and the taking of direction-finding bearings.
- (b) Theoretical and practical knowledge of the working of the accessory apparatus, such as motor-generators, accumulators, etc., used in the operation and adjustment of the apparatus specified in (a).
- (c) Practical knowledge necessary to effect, with the means available on board, the repair of damage which may occur to the apparatus during a voyage.
- (d) Ability to send correctly, and to receive correctly by ear, code groups (mixed letters, figures and signs of punctuation), at a rate of twenty groups a minute, and a plain language passage at a speed of twenty-five words a minute. Each code group must comprise five characters, each figure or punctuation mark counting as two characters. The passage in plain language must average five characters to the word. The duration of each test of sending and of receiving will, as a rule, be five minutes.
- (e) Ability to send correctly and to receive correctly by telephone.
- (f) Detailed knowledge of the Regulations applying to the exchange of radio communications, knowledge of the documents relative to charging for radio communications, knowledge of that part of the Convention for the Safety of Life at Sea which relates to radiotelegraphy.
- (g) Knowledge of the general geography of the world, especially the principal navigation routes and the most important telecommunication routes.
- (h) If necessary, knowledge of a language widely used in the international correspondence of the mobile service. Candidates should be able to express themselves in a satisfactory manner, both orally and in writing.

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*Second Class Licence*

A second class licence in the form of Form D in the Schedule to these Rules will be issued to operators who have given proof of the technical and professional knowledge and qualification enumerated below — *Form D.*

- (a) Elementary theoretical and practical knowledge of electricity, radiotelegraphy and radiotelephony, as well as knowledge of the adjustment and practical working of the types of apparatus used in the mobile radiotelegraph and radiotelephone service, including apparatus for radio direction-finding and the taking of direction-finding bearings.
- (b) Elementary theoretical and practical knowledge of the working of the accessory apparatus such as motor generator sets, accumulators, etc., used in the operation and adjustment of the apparatus mentioned in (a).
- (c) Practical knowledge sufficient for effecting minor repairs in case of damage occurring to the apparatus.
- (d) Ability to send correctly and to receive correctly by ear code groups (mixed letters, figures and signs of punctuation) at a speed of sixteen groups a minute and a plain language passage at a speed of twenty words a minute. Each code group must comprise five characters, each figure or punctuation mark counting as two characters. The duration of each test of sending and of receiving is, as a rule, five minutes.
- (e) Ability to send correctly and to receive correctly by telephone.
- (f) Knowledge of the Regulations applying to the exchange of radio communications, knowledge of the documents relative to charging for radio communications, knowledge of that part of the Convention for the Safety of Life at Sea which relates to radiotelegraphy.

*Special Licence*

A special licence in the form of Form E in the Schedule to these Rules will be issued to operators on proof of the following qualifications — *Form E.*

- (a) Ability to send and receive plain language and code groups at a speed of fifteen words per minute.
- (b) Knowledge of the Regulations and Procedures and the procedure the emergency and safety operations.
- (c) Knowledge of the particular equipment to be operated and ability to operate the installation correctly and to ensure correct frequency of transmission and reception.
- (d) Ability to carry out simple maintenance and replacements.

## PART II AIRCRAFT INSTALLATIONS

Categories.           **10.** Aircraft operating licences will be issued in three categories —

Radio Telephony Restricted.

Public Transport Radio Telephony.

Public Transport Radio Telegraph,

but in special circumstances the Director of Telecommunications may issue special restricted licences available to specific operations only.

Forms F, G and H.           Licences will be issued in the form of Forms F, G and H in the Schedule to these Rules respectively.

To whom licences issued.           **11.** Licences are issued for aircraft installations and aircraft radio operation in the case of aircraft of Bahamian registry only. In cases of aircraft of non-Bahamian registry installation licences and personnel operating licences must be submitted for examination and validation for operation in The Bahamas region.

Validity of licences.           **12.** Licences issued to Bahamian registered aircraft and for radio operation on such aircraft will be valid only for flights commencing in, or terminating in, The Bahamas.

Installation licence.           **13.** Application for an installation licence must be made in writing to the Director of Telecommunications and must be accompanied by Form I in the Schedule to these Rules giving full details of the radio equipment and the position in the aircraft in which the installation is to be made.

Form I.

**14.** The installation and the equipment will be inspected and tested by a representative of the Director of Telecommunications. This inspection and test will be in accordance with the international requirements to ensure the suitability of the equipment for operation in the region, and its safety and airworthiness.

Inspection of equipment.

**15.** On satisfactory completion of inspection and tests the licence will be issued. Change of ownership invalidates this licence, and in the case of sale or disposal of the aircraft the new owner shall make a fresh application for an installation licence. Licences are issued in Form J in the Schedule to these Rules and are valid for one year from the first day of January to the thirty-first day of December.

Licence non-transferable.

Form J.

**16.** Application for an operating licence must be made in writing to the Director of Telecommunications and the letter of application must contain full particulars of the applicant. The minimum age of a private aircraft radio telephone restricted licence shall be eighteen years. The minimum age for public transport radio telephone licence shall be twenty years.

Operating licence.

**17.** Applicants for radio licences will be examined by the Director of Telecommunications and must give satisfactory proof of ability in the following subjects:

Radio licence.

*Radio Telephone Restricted Licence.*

Ability to send and receive correctly by radio telephone. Knowledge of the operating procedures in force in the area. Knowledge of the air traffic control procedures. Knowledge of the practical operation of the type of equipment to be used.

*Public Transport Radio Telephone Licence*

Ability to send and receive correctly by radio telephone. Ability to send and receive correctly radio telegraph signals used in identifying air navigational devices. Knowledge of the communication procedures in operation. Knowledge of the air traffic control procedures. Knowledge of the adjustment and practical operation of the radio installation to be employed. Knowledge of air navigation procedure in the use of radio beacons, radio ranges and other aids to air navigation. Ability to maintain the equipment in use so far as replacements and expendable items are concerned, i.e. fuses, tubes, etc.

*Public Transport Radio Telegraph Licence.*

Ability to send and receive correctly by ear code groups at the rate of twenty words per minute, and plain language at twenty-five words per minute, together with ability to send and receive correctly by radio telephone. A thorough and detailed knowledge of the communication regulations and air traffic controls regulations is essential, together with a thorough knowledge of emergency procedures and the provisions of the International Convention for the Safety of Life at Sea relating to radio communications. A thorough knowledge of the radio installation in operation is required with the ability to maintain the equipment at its maximum efficiency and to effect general maintenance. Sound theoretical and practical knowledge of the general principles of electricity and radiocommunication and the use of air navigational facilities is essential. The applicant must also have a knowledge of the general geography of the world and of the principal air navigation routes and telecommunication routes.

All applicants for licences must give proof of medical fitness.

**PART III  
EXEMPTIONS**

Exemptions.

*S.I. 109/1965.*

**18.** No licence shall be required in respect of —

- (a) private radio stations;
- (b) Mobile Radio Telephone Equipment,

which are limited to a maximum plate input power of 5 watts and operating in the frequency ranges of 26.96 to 27.23 megacycles inclusive, 460 to 470 megacycles inclusive, and on the fixed frequency of 27.255 megacycles, such stations and installations being used or intended for use in personal or business radiocommunication, radio signalling or control of remote objects or devices by means of radio.

**SCHEDULE**

**FORM A (Rule 6)**

SHIP RADIOCOMMUNICATION LICENCE  
 GOVERNMENT OF THE BAHAMAS  
 THE TELECOMMUNICATIONS ACT

Licence No. ....

1. Name of Vessel ..... Call Sign .....
2. Port of Registration .....
3. Official No. .... Gross Tonnage .....
4. Passenger or Cargo .....
5. Normal Routes .....
6. Licensee .....
7. Address of Registered owner (hereinafter called the Licensee) .....  
 The Licensee accepts responsibility for all accounts, and such accounts will be rendered to Licensee's address.

8. Frequencies —

Transmitting	kcs.	Receiving	kcs
.....	”	.....	“
.....	”	.....	“
.....	”	.....	“
.....	”	.....	“

9. Emissions .....

10. Description of Transmitter(s)”

Manufac- turer	Type No.	Serial No.	Power	Freq.	Range	Emission

11. Power Supply .....
12. Antenna details .....
13. Auxiliary equipment .....



Description of Receiver(s)

Manufacturer	Type No.	Serial No.	Frequency Range
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14. The Licensee agrees to have the above described apparatus operated at all times by an operator licensed by the Telecommunications Department.

15. Operation shall be carried out in accordance with The Telecommunications Rules, by a qualified operator of Bahamian or British nationality holding a telegraph or telephone licence issued by the Department as specified by the International Telecommunication Convention (Geneva 1959):

*G.N. 12/1961.*

Provided in the case of complete unavailability of such operator as aforesaid in the course of a sea passage, a flight or a journey, the master of the vessel or the person responsible for the station may authorise, solely as a temporary measure, an operator holding a certificate issued by the government of another country which is a member of the International Telecommunication Union to perform the radiocommunication service.

16. An accurate log shall be kept of all transmissions and calls received, and shall include the frequency used and time in G.M.T. An accurate file of all messages shall be kept on board the vessel in a safe place for at least one year. The log and file shall be produced for inspection at any reasonable time by an officer of the Department.

17. The radio installation, accessories, and all logs and message files shall be available for inspection at any reasonable time by an officer of the Department.

18. The General Radio Communications Regulations annexed to the International Telecommunication Convention (Geneva 1959) shall apply and a copy of these regulations shall be kept on the ship together with such other regulations as may be issued from time to time.

19. The use of radio apparatus while in port is prohibited except in cases of emergency, or for urgent messages when no other form of communication is available. Such communication may only be made to the nearest radio station. Minimum power must be used and operation must cease immediately on request:

*G.N. 154/1964.*

Provided that visiting warships of a foreign State may use radio apparatus while in port free of any such restriction as aforesaid.

20. It is prohibited to receive radio correspondence other than that which the station is authorised to receive, but, in case such

correspondence is received involuntarily, it must neither be reproduced nor communicated to third persons, nor used for any purpose whatever, and the very existence thereof must not be revealed.

21. Change of owner invalidates this licence and necessitates application for new licence.

Approved

Director or Telecommunications

Licence valid from ..... to .....

22. I agree to accept and abide by the terms of this licence and to operate the equipment in accordance with requirements of the publications given in paragraph 18, or as communicated from time to time and to abide by the Oath of Secrecy, issued with the operator's licence.

.....  
Owner.

.....  
Name of Operator.

Date .....

**FORM B1 (Rule 7)**

**MARINE RADIO TELEPHONE OPERATING LICENCE A  
(GENERAL)**

**GOVERNMENT OF THE BAHAMAS  
THE TELECOMMUNICATIONS ACT**

Name ..... Place and date of birth .....  
 Colour of hair ..... Complexion .....  
 Height ..... Colour of eyes .....  
 Any special peculiarities .....

Conditions. The holder of this licence is authorised to operate marine radio telephone equipment and hereby agrees that he will not divulge, other than to the addressee, the contents or purport of any communication transmitted, received or intercepted by means of any radio installation under his control. This licence authorises the holder to effect repairs to Radio-telephone equipment. Photograph.

Date ..... Signature of Licensee .....  
 Licence No. .... Address .....  
 Valid to .....  
 Signature of Director of  
 Telecommunications .....

**FORM B2 (Rule 7)**

MARINE RADIO TELEPHONE OPERATING LICENCE B  
(RESTRICTED)

GOVERNMENT OF THE BAHAMAS  
THE TELECOMMUNICATIONS ACT

Name ..... Place and date of birth .....

The holder of this restricted licence is authorised to operate marine radio telephone communication and hereby agrees that he will not divulge, other than to the addressee, the contents or purport of any communications transmitted, received or intercepted by means of any radio installation under his control. This licence does not allow the holder to make any alterations or adjustments to the equipment of installation, except under the supervision of an operator carrying a radio telephone general licence Category A or a first or second class radio telegraph licence.

Date ..... Signature of Licensee .....

Licence No. .... Address .....

.....

Valid to ..... Signature of Director of  
Telecommunications .....

.....

**FORM C (Rule 9)**

MARINE RADIO TELEGRAPH OPERATING LICENCE  
(FIRST CLASS)

GOVERNMENT OF THE BAHAMAS  
THE TELECOMMUNICATIONS ACT

Name ..... Place and date of birth .....

Colour of hair ..... Complexion .....

Height ..... Colour of eyes .....

Any special peculiarities .....

The holder of this licence has qualified in all the tests for a First Class marine radio telegraph licence and is authorised to operate and maintain marine radio telegraph and telephone installations.

Photograph.

The holder hereby agrees that he will not divulge, other than to the addressee, the contents or purport of any communication transmitted or received by any radio installation under his control.

Date ..... Signature of Licensee .....  
 Licence No. .... Address .....  
 .....  
 Valid to ..... Signature of Director of  
 Telecommunications.....  
 .....

**FORM D (Rule 9)**

**MARINE RADIO TELEGRAPH OPERATING LICENCE  
 (SECOND CLASS)**

**GOVERNMENT OF THE BAHAMAS  
 THE TELECOMMUNICATIONS ACT**

Name ..... Place and date of birth .....  
 Colour of hair ..... Completion .....  
 Height ..... Colour of eyes .....  
 Any special peculiarities .....

The holder of this licence has qualified in all tests for a Second Class marine radio telegraph licence and is authorised to operate radio telegraph and radio telephone installations and to carry out routine maintenance of the radio installation.

Photograph

The holder hereby agrees that he will not divulge, other than to the addressee, the contents or purport of any communication transmitted or received by any radio installation under his control.

Date ..... Signature of Licensee .....  
 Licence No. .... Address .....  
 Valid to .....  
 .....  
 Signature of Director of  
 Telecommunications .....  
 .....

**FORM E**

MARINE RADIO TELEGRAPH OPERATING LICENCE  
(SPECIAL CLASS)

GOVERNMENT OF THE BAHAMAS  
THE TELECOMMUNICATIONS ACT

The holder of this licence is authorised to operate the particular radio installation upon which he has been examined.

The holder hereby agrees that he will not divulge, other than to the addressee, the contents or purport of any communication transmitted or received by any radio installation under his control.

Date ..... Signature of Licensee .....  
Licence No. .... Address .....  
.....  
Valid to ..... Signature of Director of  
Telecommunications .....  
.....  
Name of vessel .....  
Type of radio equipment .....  
Name and address of owners .....

**FORM F (Rule 10)**

AERONAUTICAL RADIO LICENCE  
RADIO TELEPHONE (RESTRICTED)  
GOVERNMENT OF THE BAHAMAS  
THE TELECOMMUNICATIONS ACT

Name .....  
Age ..... Place and date of birth .....  
Address .....  
Signature .....

The holder of this licence is authorised to operate aeronautical radio equipment for radio telephony.

Type of Equipment.....  
.....  
.....

It is certified that the holder possesses the requisite knowledge of procedure.

Date examined ..... Licence No. ....  
Date ..... Signature of Director of  
Telecommunications .....  
.....  
Endorsements .....  
.....  
.....

**FORM G (Rule 10)**  
AERONAUTICAL RADIO LICENCE  
RADIO TELEPHONE (PUBLIC TRANSPORT)  
GOVERNMENT OF THE BAHAMAS  
THE TELECOMMUNICATIONS ACT

Name .....  
Age ..... Place and date of birth .....  
Height ..... Colour of hair and eyes .....  
Complexion .....  
Address .....

The holder of this licence is authorised to operate aeronautical radio telephone equipment on any public transport aircraft.

Date examined ..... Licence No. ....  
Date ..... Signature of Director of  
Telecommunications .....  
.....  
Signature of Licensee .....  
.....

Photograph  
Endorsements .....  
.....  
.....

**FORM H (Rule 10)**

AERONAUTICAL RADIO LICENCE  
RADIO TELEGRAPH (PUBLIC TRANSPORT)  
GOVERNMENT OF THE BAHAMAS  
THE TELECOMMUNICATIONS ACT

Name .....  
Age ..... Place and date of birth .....  
Height..... Colour of hair and eyes .....  
Complexion .....  
Address .....

The holder of this Licence is authorised to operate aeronautical radio telegraph equipment on any public transport aircraft.

Date examined ..... Licence No. ....  
Date ..... Signature of Director of  
Telecommunications .....  
.....  
Signature of Licensee .....  
.....

Photograph  
Endorsements .....  
.....  
.....

**FORM I (Rule 13)**

APPLICATION FOR AIRCRAFT RADIO LICENCE  
GOVERNMENT OF THE BAHAMAS  
THE TELECOMMUNICATIONS ACT

(Note: Application must be received at least three days before an inspection can be made.)

- (1) Name and address of applicant.
- (2) Type of aircraft.
- (3) Registration markings.
- (4) Purposes for which aircraft will be used.
- (5) Routes to be flown.
- (6) Details of radio equipment.

- (i) Transmitters.
  - Location in aircraft .....
  - Type No. .... Mfg. by ..... Serial No. ....
  - Power ..... Frequencies .....
  - Dimensions .....
  - Weight .....
  - |                      |    |       |
|----------------------|----|-------|
| Type of Transmission | A1 | ..... |
| (delete as           | A2 | ..... |
| required)            | A3 | ..... |
- (ii) Receivers
  - Location in aircraft .....
  - Type No. .... Mfg. by ..... Serial No.....
  - Frequency range .....
  - Can receiver operate on A1 reception .....
  - Weight ..... Dimensions .....
- (iii) Power Supply System.
  - Location in aircraft .....
  - |                    |                    |       |
|--------------------|--------------------|-------|
| Transmitter        | Input voltage      | ..... |
| Rotary transformer | Output             | ..... |
| Weight             | Total output power | ..... |
| Receiver           | Input voltage      | ..... |
| Rotary transformer | Output voltage     | ..... |
| Weight             | Total output power | ..... |
  - Give details of protection circuits, fuses, etc.  
 .....  
 .....
- (iv) Auxiliary equipment.
  - Is aircraft fitted with any of the following, if so give full details including weight and frequencies covered.
  - 1. Radio Range Receiver
  - 2. Radio Beacon
    - (a) Manual DF .....
    - (b) Automatic DF .....
    - (c) Homing .....
  - 3. VHF
  - (v) Any other equipment.
    - Give details of any additional equipment carried such as:
    - Instrument landing equipment .....
    - Marker beacon receivers, etc. ....
  - (vi) Antenna System.
  - (vii) Give name and qualifications of person who will be responsible for maintenance of the radio installation.  
 .....



- (7) By whom and where is radio installation to be carried out .....  
Date .....
- (8) Any previous radio licence should be submitted with this application.  
Date..... Signature .....
- For use by Telecommunication Department.
- (9) Installation inspected. Date .....
- Comments: .....
- .....
- .....
- .....
- Approved as Airworthy. Not approved.
- (10) Equipment tested.  
Date .....
- Approved as functionally satisfactory.  
Not approved. Modifications required
- (11) Modifications approved. Date .....
- Signature of Inspector  
.....
- (12) Application No. ....
- (13) Licence No. ....
- (14) Date issued .....
- Signature .....
- Director of Telecommunications

**FORM J (Rule 15)**

AIRCRAFT RADIO LICENCE  
GOVERNMENT OF THE BAHAMAS  
THE TELECOMMUNICATIONS ACT

- (1) Type of aircraft .....
- (2) Registration marks call letters .....
- (3) Purposes for which aircraft will be used .....
- (4) Routes .....
- (5) Application No. ....
- (6) Licence No. ....
- (7) Name and address of licensee .....

