[MS-0397.002.004.009]

BARBADOS

Wireless Telegraphy Cap. 285

LICENCE TO KEEP, INSTALL, ERECT OR USE AN AMATEUR WIRELESS TRANSMITTER

TELECOMMUNICATIONS UNIT
19 JUN 1995
MINISTRY OF FOREIGN AFFAIRS

No. 0197 Date 19 JUN 1995 19

Mr. William Talbert Chapman

of 3951 The Hill Road, Bonita

CA. 91902 USA

(hereinafter called the Licensee) is hereby licensed subject to the terms, provisions and conditions herein set forth and to the payment of all sums due in respect hereof, to keep, install, erect and use an amateur wireless sending and receiving station at

The Carlisle Bay Centre Bay Street St. Michael

at such other places as may be approved by the Telecommunications Engineer (hereinafter called the Inspector) and endorsed by him hereon until the thirty-first day of December, 1995,

CONDITIONS

1. Radiotelegraph Conventions Regulations and Agreements

The Licensee shall observe and comply with the provisions of the International Telecommunication Convention and The Radiocommunication Regulations annexed thereto and with such regional and local regulations and agreements, as may from time to time be in force, so far as they are applicable to amateur stations.

2. Power, Frequencies and Types of Emission

Except as provided in Condition 15, sending shall take place only on frequencies within the bands and by the type of emission specified hereunder by the Inspector, and the total D.C. Power input to the anode circuit of the valve or valves energising the aerial shall not exceed that shown against the respective frequencies:

Power (in watts)	Frequencies (in Kc/s)	Approx Equiv. Wave-length (in Metres)	Types of Emission
250	1800-2000	160	A1A A3C A3E A3F F1B F2B F3C F3E F3F G3E J3E H3E R3E
250	3500-4000	80	" " "
500	7000-7300	40	A1A A3C A3E A3F F1B F2B F3C F3E F3F G3E J3E H3E R3E F1D F2D J2D
500	10100-10150	30	A1A F1B F1D F2D J2D
500	14000-14350	20	A1A A3C A3E A3F F1B F2B F3C F3E F3F G3E J3E H3E R3E F1D F2D J2D
500	18068-18168	17	A1A A3C A3F F1B F2B F3C F3F J3E F1D F2D J2D
500	21000-21450	15	A1A A3C A3E A3F F1B F2B F3C F3E F3F G3E J3E H3E R3E F1D J2D F2D
500	24890-24990	12	A1A A3C A3E A3F F1B F2B F3C F3E F3F J3E R3E
500	28000-29700	10	A1A A3C A3E A3F F1B F2B F3C F3E F3F G3E J3E H3E R3E F1D F2D J2D
100	50100-54000	06	A1A A3C A3E A3F F1B F2B F3C F3E F3F G3E J3E H3E R3E F1D F2D J2D
100	144000-148000	02	" " "
100	220000-240000	1.2	" " "
100	430000-440000	70cm	" " "

The use of "spark" sending apparatus is specifically forbidden. Unrectified alternating voltage shall not in any circumstances be employed for the high tension supply to the sending apparatus and the high tensions shall be so smoothed that the value of the residual ripple voltage does not exceed 5% of the D.C. voltage.

3. Frequency Control and Measurement

(i) Subject always to the provisions of Condition 15, the sending apparatus when in use shall be tuned to a frequency within one of the bands authorised in Condition 2, which frequency shall be so selected and maintained that no appreciable energy is radiated on any frequency outside the limits of the band with and without modulation of keying, due allowance having been made for the inaccuracy of the calibrating device.

A satisfactory method of frequency stabilization shall be employed in the sending apparatus.

(ii) There shall be kept at the station and used whenever necessary (and on all occasions when the frequency used for sending is changed) a reliable frequency meter of the piezo-electric type or other type approved by the Inspector, for measuring the sending frequency to an accuracy of not less than 0.1 per cent, and this frequency meter shall be independent of the normal frequency stabilising apparatus of the sender. Where, the sending apparatus is crystal controlled the independent frequency meter need not be of the piezo-electric type but must be adequate for the purpose of checking that the sender is operating normally.

4. Operators

The station must in all cases be operated by or under the direct supervision of .....
William Talbert Chapman

5. Sending Periods

Subject to the provisions of Condition 15 the station may be operated at any time, but no period of sending shall exceed 10 consecutive minutes. Sending shall not commence without listening on the frequency which is to be used in order to ascertain, as far as possible, whether interference is likely to be caused thereby with any other station or service which may be working.

6. Log

An accurate running record or log shall be kept in the English Language in a book of approved type (not loose-leaf) of all working and activities and sending periods of the station, showing the date and time of each such working or activity or sending period, the frequency and type of emission employed, and the Call Signal or name of the station or person with whom communication was maintained or attempted. No gaps shall be left between entries in the Log and every entry therein shall be made in ink or in indelible pencil at the time of recording by the authorised operator named in Condition 4.

7. Receiver

The station shall always be equipped for the efficient reception of signals sent on frequencies in current use at the station at any time by means of continuous wave telegraphy, telephony and any other type of emission authorised in Condition 2.

8. Messages and Transmissions

Except as in these conditions expressly provided

(i) Messages and transmissions may be exchanged only with amateur stations (as defined by the International Radio-communication Regulations) in this country or in those other countries which have not notified their objection to such radio-communications.

(ii) Messages and transmissions sent or received or exchanged by means of the station must be in plain language and must be limited to messages of technical nature relating to tests and to remarks of a personal character relating solely to private (but not business) affairs of the Licensee and the person which whom he is communicating, for which, by reason of their unimportance, recourse to the public tele-communication service would not be justified.

(iii) Special gramophone records for reproducing modulations of definite tones may be used for test purposes. Gramophone records of the type intended for entertainment purposes may be utilised on the condition that only one such record is used during the course of any day, the same record being repeated as desired; any record so used shall not have a playing time exceeding ten minutes when played at the correct speed.

(iv) It is expressly forbidden to use the station or to allow or cause the station to be used for:

(a) transmitting international communications on behalf of third parties,
(b) advertising or business purposes,
(c) the sending or reception of broadcast programmes,
(d) the sending or reception of news or of messages of persons other than the Licensee or the person with whom he is communicating in accordance with the terms and conditions of this Licence,
(e) the sending or reception of social or political propaganda or the messages of any social or political organisation or messages of a social or political character.
(f) the sending or reception of any messages or matter likely to cause public excitement or alarm or of an indecent or offensive nature,
(g) any purpose not authorised by this Licence.

(v) The Licensee shall not receive any payment or valuable consideration of any kind (either direct of indirect) for the use of the station.

9. Security of Correspondence

If any message or communication which the Licensee is not entitled to receive is unintentionally received the Licensee shall not make known or allow to be made known its contents, its origin or destination, it existence or the fact of its receipt to any person other than the Inspector or a competent legal tribunal, and shall not reproduce in writing, copy or make any use of such message or communication or allow the same to be reproduced in writing, copied or made use of except as directed by the said Inspector or Tribunal.

10. Call Signal

(a) The call signal [redacted]/8P9 has been allotted to the station. The prefix of nationality and locality "VP6" must invariably be included in the call signal which may be sent either by Morse telegraphy at a speed not greater than 20 words per minute or telephonically if the station is authorised to use telephony.

(b) The call signal must be sent for identification purposes at the beginning and at the end of each period of sending, and at short intervals during each period.

(c) In calling another station the call signal of that station must be sent and may be repeated throughout a period of not more than one minute, after which the signal "de" must be sent once and the call signal of the calling station three times. This procedure may be repeated but the time taken in calling must not exceed three minutes without an interval during which the operator must listen in the band of frequencies in which the call has been made.

(d) In answering a call, the call signal of the calling station must be sent three times, the signal "de" once and the call signal of the answering station three times.

(e) When telephony is used the letters of the call signals may be confirmed by the pronunciation of well-known words of which the initial letters are the same as those in the call signals. Words used in this manner must not be of a facetious character, nor be capable of undesirable misinterpretation.

11. Non-Interference

(i) The station shall be arranged and used in such a manner as not to cause interference with other stations or services outside the authorised bands or with any other form of lawfully established telecommunication service.

(ii) Sending shall at once be discontinued or postponed at the request of the Inspector or any Government or commercial station.

(iii) When telegraphy is being used the arrangement employed for keying the sender must be such as to reduce to a minimum the risk of interference due to key clicks being produced in neighbouring apparatus. Whenever, for any reason, the carrier wave of the sender is being modulated by any system of modulation, care must be taken to avoid overmodulation. Particular care must be taken to avoid unwanted frequency modulation of the carrier frequency. At all times every precaution shall be taken to present the radiation of energy at frequencies other than those which are necessary for the type of emission in use.

12. Aerial

(i) If the station is situated within half a mile of any aerodrome, the aerial of its supports and the marking and lighting thereof shall comply with any requirements or conditions for enhancing the safety or efficiency of aircraft operation, and the highest point of the aerial or its supports above ground level shall not exceed 50 feet except with the express permission of the Inspector endorsed on this Licence.

(ii) If the station is situated more than half a mile from an aerodrome, the height of the aerial above ground level shall not exceed 75 feet except with the express permission of the Inspector endorsed on this Licence.

(iii) An aerial which crosses above or is liable to fall upon or be blown on to any overhead electric power wire (including electric lighting wires) or power apparatus or telephone cable or wire must be guarded to the reasonable satisfaction of the owner of the wire or apparatus or cable concerned.

13. Use of Supply Mains

If power for the working of the station is taken from a public electricity supply no direct connection shall be made between the supply mains and the aerial.

14. Copyright

This Licence does not authorise the Licensee to do, or to cause or allow to be done any act or thing which is an infringement of any copyright which may exist in the matter transmitted.

15. Inspection and Supervision

(i) The station and all apparatus in it or associated therewith (including masts and aerials) shall be subject to the approval and directions of the Inspector and, together with the station record or log and this Licence, shall be open to inspection and test at any time by the Inspector or any person authorised by him in writing in that behalf.

(ii) The Licensee shall immediately comply with and take steps to give effect to all directions which may be given him by the Inspector in respect of the station or any apparatus herein or associated therewith (including masts and aerials) or any messages or transmissions sent or received or intended to be sent or received by the station.

(iii) The Licensee shall provide the Inspector or any person authorised by him in writing in that behalf with any information which may at any time be required by the said Inspector or authorised person in respect of the establishment or working of the station or any apparatus therein or associated therewith, or any messages or other communications sent or received thereby.

16. Control in Emergency

(a) If and whenever in the opinion of the Minister an emergency shall have arisen in which it is expedient for the public service that the Minister shall have control over the sending of messages by means of the station it shall be lawful for the Inspector to direct and cause the station to be taken possession of in the name and on behalf of Her Majesty and to prevent the licensee from using it and for these purposes or any of them to cause any part of or all the apparatus forming the station to be removed to such place as he may think fit and any person authorised by the Minister may from time to time enter the premises at which the station is maintained for any such purposes as aforesaid.

(b) The licensee shall not be entitled to any compensation in respect of the exercise by the Minister of the powers conferred by this condition, which shall remain in force notwithstanding the withdrawal or modification of the licence.

for K.M. Heatman
Telecommunications Engineer

PERMANENT SECRETARY
MINISTRY OF FOREIGN AFFAIRS

NOTICE

This Licence is not valid unless within seven days of the date of issue thereof there has been paid into the Public Treasury by or on behalf of the Licensee to the credit of general revenue the sum of forty dollars and the Ministry responsible for Telecommunications endorsement thereon to the effect that the sum has been paid in sufficient proof of payment.

If all sums due in respect thereof have been paid, this Licence is renewable annually during the month of January in each year on its production at the Public Treasury and on payment by or on behalf of the Licensee to the credit of general revenue of the sum of $40 Bds and the Ministry responsible for Telecommunications endorsement on the Licence of such renewable is sufficient proof thereof.

This Licence is subject to cancellation or withdrawal at any time either by specific notice in writing sent to the Licensee by post at the address set out in the Licence or by means of a general notice in a local newspaper.

ENDORSEMENTS

TELECOMMUNICATIONS UNIT
19 JUN 1995
MINISTRY OF FOREIGN AFFAIRS

The sum of forty dollars having been received, this Licence is hereby renewed until the 31st day of December, 19 95 . . . .

Date . . . . . 19 . . . . . .

. . . . . .
for Telecommunications Engineer.

PERMANENT SECRETARY
MINISTRY OF FOREIGN AFFAIRS

The sum of . . . . . dollars having been received, this Licence is hereby renewed until the 31st day of December, 19. . . . . .

Date . . . . . 19. . . . . .

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for Telecommunications Engineer.

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