MINISTRY OF POSTS AND TELECOMMUNICATIONS

WIRELESS TELEGRAPHY ACT 1949

To all holders of Amateur (Sound) Licences A ; and Amateur (Sound Mobile) Licences A and E

The Minister of Posts and Telecommunications hereby gives notice that with effect from the date of this Notice all licences as amended from time to time of the above-mentioned types granted by him on and before the 1st day of January, 1973, shall be read, construed and take effect as if the Schedule and Footnotes thereto were replaced by the following Schedule and Footnotes:

THE SCHEDULE

Footnote No.	*Frequency Bands (in MHz) (See A overleaf)*	*Classes of Emission (See B overleaf)*	*Power*	
			Maximum DC Input Power (See C and D overleaf)	*Radio Frequency Output Peak Envelope Power for A3A and A3J Emissions only (See D overleaf)*
1 and 5	1.8–2	A1, A2, A3, A3A, A3H, A3J F1, F2 and F3	10 watts	26⅔ watts
2	3.5–3.8		150 watts	400 watts
	7– 7.10 14–14.35 21–21.45 28–29.7			
1 and 3	70.025–70.7		50 watts	133⅓ watts
1 and 4	144–145		150 watts	400 watts
	145–146			
1, 7 & 8	430–432	A1, A2, A3, F1, F2 and F3	—	—
1 1 1 1 1 1	432– 440 1,215– 1,325 2,300– 2,450 3,400– 3,475 5,650– 5,850 10,000–10,500	A1, A2, A3, A3A, A3H, A3J, F1, F2 and F3	150 watts	400 watts
2 and 9	24,000–24,050		—	—
1 and 9	24,050–24,250			
1 and 6 1 and 6 1 and 6	2,350– 2,400 5,700– 5,800 10,050–10,450	P1D, P2D, P2E P3D and P3E	25 watts mean power and 2.5 kilowatts peak power	—

Footnotes:

1. This band is allocated to stations in the amateur service on a secondary basis on condition that they shall not cause interference to other services.

2. This band is shared by other services.

3. This band is available to amateurs *until further notice* provided that use by the Licensee of *any* frequency in the band shall cease immediately on the demand of a Government official.

4. The following spot aeronautical frequencies must be avoided *whenever* this band is used: 144.0, 144.09, 144.18, 144.27, 144.36, 144.45, 144.54, 144.63, 144.72, 144.81 and 144.9 MHz.

5. The type of transmission known as Radio Teleprinter (RTTY) may not be used in this band.

6. Use by the Licensee of *any* frequency in this band shall be only with the prior written consent of the Minister.

7. This band is not available for use within the area bounded by 53°N 02E, 55°N 02E, 55°N 03W and 53°N 03W.

8. In this band the power must not exceed 10 watts erp (effective radiated power).

9. Use by the Licensee of any frequency in this band shall only be with prior written consent of the Minister and such consent shall indicate the power which may be used, taking into consideration the characteristics of the Licensee's station.

A. Artificial satellites may not be used by stations in the amateur service except in the bands 7–7.10 MHz, 14–14.25 MHz, 21–21.45 MHz, 28–29.7 MHz, 144–146 MHz, 435–438 MHz, 24,000–24,050 MHz.

B. The symbols used to designate the classes of emission have the meanings assigned to them in the Telecommunication Convention. They are:

Amplitude Modulation

A1 Telegraphy by on-off keying, without the use of a modulating audio frequency.

A2 Telegraphy by on-off keying of an amplitude-modulating audio frequency or frequencies, or by on-off keying of the modulated emission.

A3 Telephony, double sideband.

A3A Telephony, single sideband, reduced carrier.

A3H Telephony, single sideband, full carrier.

A3J Telephony, single sideband, suppressed carrier.

Frequency (or phase) Modulation

F1 Telegraphy by frequency shift keying without the use of modulating audio frequency, one of the two frequencies being emitted at any instant.

F2 Telegraphy by on-off keying of a frequency modulating audio frequency or on-off keying of a frequency modulated emission.

F3 Telephony.

Pulse Modulation

P1D Telegraphy by on-off keying of a pulsed carrier without the use of a modulating audio frequency.

P2D Telegraphy by on-off keying of a modulating audio frequency or frequencies or by on-off keying of a modulated pulsed carrier—the audio frequency or frequencies modulating the amplitude of the pulses.

P2E Telegraphy by on-off keying of a modulating audio frequency or frequencies or by on-off keying of a modulated pulsed carrier—the audio frequency or frequencies modulating the width (or duration) of the pulses.

P3D Telephony, amplitude modulated pulses.

P3E Telephony, width (or duration) modulated pulses.

C. DC input power is the total direct current power input to (i) the anode circuit of the valve(s) or (ii) any other device energising the aerial.

D. As an alternative, for A3A and A3J single sideband types of emission, the power shall be determined by the peak envelope power (P.E.P.) under linear operation. The radio frequency output peak envelope power under linear operation shall be limited to 2.667 times the DC input power appropriate to the frequency band concerned. This column gives the maximum power determined by this method which may be used.

E. R. Emery, Principal.

Dated this 29th day of December, 1972.

Ministry of Posts and Telecommunications.

To all holders of Amateur (Sound) Licences B; and Amateur (Sound Mobile) Licences B and F

The Minister of Posts and Telecommunications hereby gives notice that with effect from the date of this Notice all licences as amended from time to time of the above-mentioned types granted by him on and before the 1st day of January 1973 shall be read, construed and take effect as if the Schedule and Footnotes thereto were replaced by the following Schedule and Footnotes:

THE SCHEDULE

Footnote No.	*Frequency Bands (In MHz) (See A and E below)*	*Classes of Emission (See B below)*	*Power*	
			Maximum DC Input Power (See C below)	*Radio Frequency Output Peak Envelope Power for A3A and A3J Emissions only (See D below)*
1 and 3	144–145	A3, A3A, A3H, A3J and F3	150 watts	400 watts
	145–146			
1, 5 and 6	430–432	A3 and F3	—	—
1	432– 440	A3, A3A, A3H, A3J and F3	150 watts	400 watts
1	1,215– 1,325			
1	2,300– 2,450			
1	3,400– 3,475			
1	5,650– 5,850			
1	10,000–10,500			
4 and 7	24,000–24,050		—	—
1 and 7	24,050–24,250			
1 and 2	2,350– 2,400	P3D and P3E	25 watts mean power and 2.5 kilowatts peak power	—
1 and 2	5,700– 5,800			
1 and 2	10,050–10,450			

Footnotes:

1. These bands are all allocated to stations in the amateur service on a secondary basis on condition that they shall not cause interference to other services.

2. Use by the Licensee of emissions of class P3D or P3E on any frequency in this band shall be only with the prior written consent of the Minister.

3. The following spot aeronautical frequencies must be avoided whenever this band is used: 144.0, 144.09, 144.18, 144.27, 144.36, 144.45, 144.54, 144.63, 144.72, 144.81 and 144.9 MHz.

4. This band is shared by other services.

5. This band is not available for use within the area bounded by 53°N 02E, 55°N 02E, 55°N 03W and 53°N 03W.

6. In this band the power must not exceed 10 Watts erp (effective radiated power).

7. Use by the Licensee of any frequency in this band shall only be with prior written consent of the Minister and such consent shall indicate the power which may be used, taking into consideration the characteristics of the Licensee's station.

A. The type of transmission known as Radio Teleprinter (RTTY) may be used in any frequency bands authorised by this Licence using classes of emission A1, A2, F1, F2, P1D, P2D and P2E.

B. The symbols used to designate the classes of emission have the meanings assigned to them in the Telecommunication Convention. They are:

Amplitude Modulation

A3 Telephony, double sideband.
A3A Telephony, single sideband, reduced carrier.
A3H Telephony, single sideband, full carrier.
A3J Telephony, single sideband, suppressed carrier.

Frequency (or phase) Modulation

F3 Telephony

Pulse Modulation

P3D Telephony, amplitude modulated pulses.
P3E Telephony, width (or duration) modulated pulses.

C. DC input power is the total direct current power input to (i) the anode circuit of the valve(s) or (ii) any other device energising the aerial.

D. As an alternative, for A3A and A3J single sideband types of emission, the power shall be determined by the peak envelope power (P.E.P.) under linear operation. The radio frequency output peak envelope power under linear operation shall be limited to 2.667 times the DC input power appropriate to the frequency band concerned. This column gives the maximum power determined by this method which may be used.

E. Artificial satellites may not be used by stations except in the bands 144–146 MHz, 435–438 MHz, 24,000–24,050 MHz.

E. R. Emery, Principal.

Dated this 29th day of December, 1972.

Ministry of Posts and Telecommunications.

To all holders of Amateur (Sound) Licences C and D; and Amateur (Sound Mobile) Licences C and D

The Minister of Posts and Telecommunications hereby gives notice that with effect from the date of this Notice all licences as amended from time to time of the above-mentioned types granted by him on and before the 1st day of January, 1973, shall be read, construed and take effect as if the Schedule and Footnotes thereto were replaced by the following Schedule and Footnotes:

THE SCHEDULE

Footnote No.	*Frequency Bands (in MHz) (See A overleaf)*	*Class of Emission (See B overleaf)*	*Power*	
			Maximum DC Input Power (See C and D overleaf)	*Radio Frequency Output Peak Envelope Power for A3A and A3J Emissions only (See D overleaf)*
1	1.8–2	A1, A2, A3, A3A, A3H, A3J, F1, F2 and F3	10 watts	26⅔ watts
2	3.5–3.8		150 watts	400 watts
	7– 7.10 14–14.35 21–21.45 28–29.7			
1 and 3	70.025–70.7		50 watts	133⅓ watts
1 and 4	144–145		150 watts	400 watts
	145–146			
1, 5 & 6	430–432	A1, A2, A3, F1, F2 and F3	—	—
1 1 1 1 1 1	432– 440 1,215– 1,325 2,300– 2,450 3,400– 3,475 5,650– 5,850 10,000–10,500	A1, A2, A3, A3A, A3H, A3J, F1, F2 and F3	150 watts	400 watts
2 and 7	24,000–24,050			
1 and 7	24,050–24,250		—	—

Footnotes:

1. This band is allocated to stations in the amateur service on a secondary basis on condition that they shall not cause interference to other services.

2. This band is shared by other services.

3. This band is available to amateurs *until further notice* provided that use by the Licensee of *any* frequency in the band shall cease immediately on the demand of a Government official.

4. The following spot aeronautical frequencies must be avoided *whenever* this band is used : 144.0, 144.09, 144.18, 144.27, 144.36, 144.45, 144.54, 144.63, 144.72, 144.81 and 144.9 MHz.

5. This band is not available for use within the area bounded by 53°N 02E, 55°N 02E, 55°N 03W and 53°N 03W.

6. In this band the power must not exceed 10 watts erp (effective radiated power).

7. Use by the Licensee of any frequency in this band shall only be with prior written consent of the Minister and such consent shall indicate the power which may be used, taking into consideration the characteristics of the Licensee's station.

A. Artificial satellites may not be used by stations in the amateur service except in the bands 7–7.10 MHz, 14–14.25 MHz, 21–21.45 MHz, 28–29.7 MHz, 144–146 MHz, 435–438 MHz, 24,000–24,050 MHz.

B. The symbols used to designate the classes of emission have the meanings assigned to them in the Telecommunication Convention. They are:

Amplitude Modulation

A1 Telegraphy by on-off keying, without the use of a modulating audio frequency.

A2 Telegraphy by on-off keying of an amplitude-modulating audio frequency or frequencies or by on-off keying of the modulated emission.

A3 Telephony, double sideband.

A3A Telephony, single sideband, reduced carrier.

A3H Telephony, single sideband, full carrier.

A3J Telephony, single sideband, suppressed carrier.

Frequency (or phase) modulation

F1 Telegraphy by frequency shift keying without the use of a modulating audio frequency, one of the two frequencies being emitted at any instant.

F2 Telegraphy by on-off keying of a frequency modulating audio frequency or on-off keying of a frequency modulated emission.

F3 Telephony.

C. D.C. input power is the total direct current power input to the anode circuit of the valve(s) or any other device energising the aerial.

D. As an alternative, for A3A and A3J single sideband types of emission, the power shall be determined by the peak envelope power (P.E.P.) under linear operation. The radio frequency output peak envelope power under linear operation shall be limited to 2.667 times the D.C. input power appropriate to the frequency band concerned. This column gives the maximum power determined by this method which may be used.

E. R. Emery, Principal.

Dated this 29th day of December, 1972.

Ministry of Posts and Telecommunications.

To all holders of Amateur (Television) Licences

The Minister of Posts and Telecommunications hereby gives notice that with effect from the date of this Notice all licences as amended from time to time of the above-mentioned type granted by him on and before the 1st day of January, 1973, shall be read, construed and take effect as if Paragraphs 1(1)(b), 1(2)(b) and 6, the Schedule and the Footnotes thereto were replaced by the following Paragraphs, Schedule and Footnotes, and the following additional Paragraph 15(1)(a)(iv) applied :

1(1)(b) to use the Station for the purpose of (i) sending to and receiving from other licensed amateur television stations with which communication is separately and singly established, as part of the self-training of the Licensee in communication by wireless telegraphy, visual images for the purpose of the investigations in wireless telegraphy of the Licensee or the person with whom he is in communication; (ii) sending by radiotelephony to licensed amateur stations messages relating solely to technical matters connected with the sending and receiving of the said visual images; (iii) sending of sinusoidal tones for the purpose of testing the apparatus comprised in the Station; (iv) sending the call sign of the Station by radiotelephony; (v) receiving messages from other licensed Amateur stations and (vi) receiving transmissions in the Standard Frequency Service.

1(2)(b) The Station shall be operated only (i) by the Licensee personally, or (ii) in the presence of and under the direct supervision of the Licensee, by any other person who holds a current wireless telegraphy licence issued by the Minister to use another amateur station or who holds an Amateur Radio Certificate issued by the Minister.

6. *Log*

(1) An indelible record shall be kept in a book (not loose-leaf) (in this Licence called "the Log") showing the following:

(a) Date.

(b) Time of commencement and termination of each period of sending (including the tests referred to in clause 4(2) hereof).

(c) Call signs of the stations with which communication is established, times of establishing and ending communication with each station, and the frequency (not frequency band) or frequencies (not frequency bands) and class or classes of emission and power used in each case.

(d) Visual image source.

(e) The address of the alternative premises when the Station is established under the provisions of Clause 1(1)(a)(ii) hereof.

All times shall be in G.M.T. No gaps shall be left between entries and all entries shall be made at the time of sending and receiving.

(2) If the station is at any time operated by a person other than the Licensee (see clause 1(2)(b)(ii) hereof) the Licensee shall ensure that the Log is signed by that person with his full name, and that the call sign of the station which he is licensed to use, or (if there is no such station) the number of his Amateur Radio Certificate is shown in the Log.

15(1)(a)(iv) "Standard Frequency Service" shall have the same meaning as in the Radio Regulations and Additional Radio Regulations in force under the International Telecommunication Convention signed at Montreux on the 12th day of November, 1965, where it is defined as "A radiocommunication service for scientific, technical and other purposes, providing the transmission of specified frequencies of stated high precision, intended for general reception."

THE SCHEDULE

Footnote No.	*Frequency Bands (In MHz)*	*Classes of Emission (See A Below)*	*Maximum DC Input Power (See B Below)*
1	432– 440	A3, A5, F3 and F5	150 watts
1	1,225– 1,290		
1	2,300– 2,450		
1	5,650– 5,850		
1	10,000–10,500		
2 and 3	24,000–24,050		—
1 and 3	24,050–24,250		

Footnotes

1. This band is allocated to stations in the amateur service on a secondary basis on condition that they shall not cause interference to other services.

2. This band is shared by other services.

3. Use by the Licensee of any frequency in this band shall only be with prior written consent of the Minister and such consent shall indicate the power which may be used, taking into consideration the characteristics of the Licensee's station.

A. The symbols used to designate the classes of emission have the meanings assigned to them in the Telecommunication Convention. They are:

Amplitude Modulation

A3 Telephony, double sideband.

A5 Television (vision only).

Frequency (or phase) Modulation

F3 Telephony.

F5 Television (vision only).

B. DC input power is the total direct current power input to (i) the anode circuit of the valve(s) or (ii) any other device energising the aerial in the fully modulated condition, e.g. peak white in an amplitude modulated positive modulation system.

E. R. Emery, Principal.

Dated this 29th day of December, 1972.

Ministry of Posts and Telecommunications.

Public Notices

NOTICES UNDER THE COMPANIES ACT (NORTHERN IRELAND) 1960

In the Matter of
THE COMPANIES ACT (N.I.) 1960
and in the Matter of
LAGENOD LIMITED

Registered Office: 6 Murray St., Belfast, BT1 6DR Notice is hereby given pursuant to Section 263 of the Companies Act (Northern Ireland) 1960, that a Meeting of the Creditors of the above named Company will be held at the Library of the Ulster Society of Chartered Accountants, Scottish Amicable Building, 11 Donegall Square South, Belfast, BT1 5JE, on Tuesday, 9th January, 1973, at 11.30 a.m. in the forenoon for the purpose mentioned in Section 263 of the said Act.

Forms of General and Special Proxy if intended to be used, must be duly completed and lodged at the Registered Office of the Company as above, not later than 10.00 a.m. on 8th January, 1973.

Dated this 14th day of December, 1972.

By Order of the Board.

J. C. Heaney, Director.

Sheldon & Stewart, Solicitors, 10 Donegall Square South, Belfast, BT1 5JD.