WIRELESS TELEGRAPHY ACT 1949

The Secretary of State gives notice pursuant to subsection 1(4) of the Wireless Telegraphy Act 1949 to all those who are licensed under Amateur Radio Licence (A) or (B) which have been issued and remain in force that from 1st January 1989, each of such licences shall be varied so as to read as follows:

This licence (the "Licence") granted on ("Date of Issue") by the Secretary of State for Trade and Industry to the Licensee named in paragraph (a) above under section 1 of the Wireless Telegraphy Act 1949 authorises the Licensee to establish, instal and use sending and receiving apparatus for wireless telegraphy at the Station [as defined in sub-clause 1(10)] in accordance with the Terms and Limitations contained in clauses 1-11.

This Licence also authorises the Licensee to operate in countries which have implemented CEPT Recommendation T/R 61-01 in accordance with clause 11.

1. Conditions of Use

Purpose

(1) The Licensee shall use the Station for the purpose of self-training in communication by wireless telegraphy, which use (without limiting the generality of the foregoing) includes technical investigations.

(2) The Licensee may use or permit the use of the Station, as part of his self-training in communication by wireless telegraphy, during any operation conducted by a User Service [defined in sub-clause 12(1) (q)] or during any exercise relating to such an operation for the purpose of sending Messages on behalf of the User Service to other licensed amateur stations.

(3) Notwithstanding sub-clauses 1(1) and 1(4)(a) of this Licence and subject to the limitations in paragraphs 2, 3, 4, 5, 6 and 8 of Resolution 640 of the International Telecommunication Union, the Licensee may use the following frequency bands to meet the needs of international disaster communications: 3·5 MHz to 3·8 MHz, 7·0 MHz to 7·1 MHz, 10·10 MHz to 10·15 MHz, 14·00 MHz to 14·35 MHz, 18·068 MHz to 18·168 MHz, 21·00 MHz to 21·45 MHz, 24·89 MHz to 24·99 MHz and 144 MHz to 146 MHz.

Messages

(4) The Licensee shall address Messages only to other licensed amateurs or the stations of licensed amateurs and shall send only:

(a) Messages relating to technical investigations or remarks of a personal character; or

(b) Signals (not encyphered) which form part of, or relate to, the transmission of Messages.

(5) "Messages" and "Signals" include communication by:

(a) telephony;

(b) morse telegraphy;

(c) visual communications (which include slow scan television (SSTV), fast scan television (FSTV) and facsimile); and

(d) digital communications (which include data, radio teletype (RTTY) and amateur teleprinting over radio (AMTOR)).

(6) The Licensee may use codes and abbreviations for communications as long as they do not obscure the meaning of, but only facilitate, the communications.

(7) The Licensee shall not send Messages (other than initial calls) for general reception by licensed amateurs, but shall send Messages only to:

(a) individual licensed amateurs; or

(b) groups of licensed amateurs as long as communication is first established separately with at least one licensed amateur in any such group.

(8) The Licensee shall not transmit such material as music, public broadcasts or speeches.

Location

(9) Subject to clause 11, the Licensee shall operate the Station only:

(a) at the Main Station Address ("Main Station Address" means the main station address of the Licensee set forth in paragraph (d) of the Validation Document);

(b) at a Temporary Location ("Temporary Location" means a location, other than the Main Station Address, in the United Kingdom, and in a fixed position);

(c) while Mobile ("Mobile" means located in the United Kingdom in any vehicle, as a pedestrian or on any Vessel in Inland Waters); or

(d) while Maritime Mobile ("Maritime Mobile" means located on any Vessel At Sea).

(10) "Station" means the station of the Licensee at the Main Station Address, a Temporary Location or while Mobile or Maritime Mobile, as the case may be.

(11) The Licensee shall give prior written notice to the Secretary of State at the address specified in note (a) to this Booklet of any change in the Main Station Address (or mailing address, if different).

Standard Frequency Service

(12) The Licensee may use the Station for the reception of transmissions in the Standard Frequency Service (a radio-communication service for scientific, technical and other purposes, providing the transmission of specific frequencies of stated high precision, intended for general reception).

2. Limitations on Use

(1) Subject to other, more specific, terms in this Licence, the Licensee shall only use:

(a) the frequency bands specified in the first column of the Schedule to this Licence subject to the limitations set out in the second and third columns of the Schedule;

(b) a power relating to such frequency bands not exceeding the maximum specified in the fourth and fifth columns of the Schedule; and

(c) the types of transmission specified in the sixth column of the Schedule.

(2) If the Licence is an Amateur Radio Licence (B), then the Licensee:

(a) shall transmit only in the frequency bands above 30 MHz specified in the first column of the Schedule;

(b) may receive Messages on the frequency bands below 30 MHz listed in the first column of the Schedule as long as he transmits only in the bands above 30 MHz specified in the first column of the Schedule.

(3) The licensee may receive Messages from an overseas amateur on a frequency band not specified in the first column of the Schedule as long as the Licensee transmits only in a band specified in the first column of the Schedule which is authorised under sub-clause 2(1) or (2).

Unattended Operation

(4) Subject to sub-clause 2(5), the Licensee may conduct Unattended Operations ("Unattended Operation" means the operation of the Station when unattended by the Licensee) only:

(a) of a beacon:
(i) in the frequency bands including and above 70 MHz specified in the first column of the Schedule (except the bands 144 MHz to 146 MHz, 430 MHz to 435 MHz, 438 MHz to 440 MHz, 1240 MHz to 1325 MHz and 24050 MHz to 24250 MHz and the sub-bands 435·0 MHz to 436·6 MHz, 436·8 MHz to 438·0 MHz, 10250 MHz to 10270 MHz and 10300 MHz to 10400 MHz), with a maximum power of 14 dBW erp carrier or pep, or
(ii) for the purpose of direction finding competitions, in the frequency bands 28·0 MHz to 29·7 MHz (when the Licensee is operating under an Amateur Radio Licence (A)) or 144 MHz to 146 MHz, with a maximum power of 14 dBW erp carrier or pep

which is capable of transmitting the call sign of the Licensee periodically (in accordance with clause 7) and capable of being switched off within two hours of a demand to close down given by a person authorised by the Secretary of State;

(b) of a low power device to control apparatus at the Main Station Address or a Temporary Location by remote control, in the frequency bands including and above 70 MHz (except the bands 144 MHz to 146 MHz, 430 MHz to 435 MHz, 438 MHz to 440 MHz, 1240 MHz to 1325 MHz and 24050 MHz to 24250 MHz and the sub-bands 435·0 MHz to 436·6 MHz, 436·8 MHz to 438·0 MHz, 10250 MHz to 10270 MHz and 10300 MHz to 10400 MHz) specified in the first column of the Schedule, with a maximum power of −20 dBW erp carrier or pep, in such a way that no electromagnetic energy capable of reception by any station or apparatus outside the curtilage of the premises in which the Station is situated is emitted from the Station; or

(c) by digital communications at the Main Station Address or at a Temporary Location notified in accordance with sub-clause 7(3)(b):
(i) in the frequency band 50 MHz to 51 MHz, with a maximum power of 10 dBW erp carrier or pep, or
(ii) in the frequency bands including and above 144 MHz specified in the first column of the Schedule (except the bands 430 MHz to 435 MHz, 438 MHz to 440 MHz, 1240 MHz to 1325 MHz and 24050 MHz to 24250 MHz and the sub-bands 435·0 MHz to 436·6 MHz, 436·8 MHz to 438·0 MHz, 10250 MHz to 10270 MHz and 10300 MHz to 10400 MHz) with a maximum power of 14 dBW erp carrier or pep.

(5) The Licensee shall not conduct the Unattended Operation of a beacon unless he has given at least 7 days' written notice of the location (within 5 km), period of operation, frequency, power (dBW), identity of other users of wireless telegraphy who share the site and shut down procedures of the beacon to the Manager of the Radio Investigation Service office in whose district the operation is to take place. The Manager may, before the commencement of operation of the beacon, prohibit the Unattended Operation of the beacon or allow the operation on compliance with the conditions which he may specify.

(6) The Licensee is not required to log the operation of a low power device under sub-clause 2(4)(b), although he shall log the operation of the Station in accordance with clause 6.

Pulse Emissions

(7) The Licensee shall not use pulse emissions:

(a) on frequency bands below 1000 MHz;
(b) with a mean power which exceeds the carrier power; or
(c) with a peak power which exceeds the pep.

Operators

(8) The Licensee shall operate or permit the operation of the Station only under the terms and limitations of this Licence and the Station shall be operated only:

(a) by the Licensee personally (except in the case of Unattended Operations under sub-clause 2(4)); or
(b) in the presence of and under the direct supervision of the Licensee:
(i) by a person who holds a current United Kingdom Amateur Radio Licence,
(ii) by a person who holds a Radio Amateurs' Examination Certificate issued by the City and Guilds of London Institute or an Amateur Radio Certificate issued by the Secretary of State,
(iii) by a CEPT Amateur visiting the United Kingdom who is operating in accordance with clause 10, or
(iv) by a representative of a User Service in accordance with sub-clause 1(2).

(9) The Licensee may permit any person to type the Message of the Licensee for transmission by the Licensee from the Station.

Vessels

(10) On a Vessel, the Licensee shall:

(a) instal, use or make changes to the Station only with the written permission of the Vessel's master; and
(b) observe radio silence on the advice of the Vessel's master.

(11) When on a Vessel in international waters, the Licensee shall use only those frequency bands which, in accordance with the Radio Regulations, have an allocation to the amateur service in the International Telecommunication Union (ITU) region being visited.

Aircraft

(12) The Licensee shall not establish or use the Station in any aircraft or other airborne vehicle.

3. Other Requirements

(1) The Licensee shall hold:

(a) a Radio Amateurs' Examination Certificate issued by the City and Guilds of London Institute; and
(b) in the case of an Amateur Radio Licence (A), either an Amateur Radio Certificate issued by the Secretary of State or an Amateur Morse Test Pass Slip issued on behalf of the Secretary of State; or

any other qualification recognised by the Secretary of State.

(2) The Licensee shall comply with:

(a) the relevant provisions of the Telecommunication Convention and Radio Regulations unless such compliance would result in a breach of the Licence; and
(b) all relevant statutory enactments including (without limiting the generality of the foregoing) the Act, the Wireless Telegraphy Act 1967 and the Telecommunications Act 1984.

(3) The Licensee shall:

(a) have no pecuniary interest (direct or indirect) in any operations conducted under this Licence; and
(b) except as provided by sub-clauses 1(2) and (3) and except in the case of activities on behalf of a non-profit organisation established for the furtherance of amateur radio, not use the Station for business, advertisement or propaganda purposes including (without limiting the generality of the foregoing) the sending of news or messages of, or on behalf of, or for the benefit or information of, any social, political, religious or commercial organisation.

4. Apparatus

(1) The Licensee shall ensure that:

(a) the emitted frequency of the apparatus comprised in the Station is as stable and as free from Unwanted Emissions as the state of technical development for amateur radio apparatus reasonably permits; and

(b) whatever class of emission is in use, the bandwidth occupied by the emission is such that not more than 1% of the mean power of the transmission (not including the power contained in spurious emissions) falls outside the frequency band.

(2) Notwithstanding any other term of this Licence, the Licensee shall ensure that the apparatus comprised in the Station is designed and constructed, and maintained and used, so that its use does not cause any Undue Interference or Harmful Interference to any wireless telegraphy.

(3) If any Undue Interference or Harmful Interference to wireless telegraphy is caused by the radiation of Unwanted Emissions or field strengths from the Station, then the Licensee shall suppress the Unwanted Emissions or field strengths to the degree satisfactory to the Secretary of State.

(4) The Licensee shall conduct tests from time to time to ensure that the requirements of this clause 4 are met.

(5) The Station shall be capable of receiving Messages on the same frequencies and with the same classes of emission in use for the transmission of Messages by the Station.

5. Recorded or Retransmitted Messages

(1) The Licensee may record and retransmit Messages addressed to the Licensee from other licensed amateurs:

(a) with whom the Licensee is in direct communication; *or*

(b) which are intended for retransmission to a specified licensed amateur.

(2) The Licensee may send Messages by (or as part of) the intermediate relaying of the Messages to or from other licensed amateurs.

(3) When recording and retransmitting the Message of another licensed amateur, if the Licensee also records and retransmits the call sign of the licensed amateur, then the Licensee shall transmit the call sign in such a way that the origin of the Message and the origin of the retransmission are clear.

(4) When operating under sub-clauses 5(1)(b) and (2), the Licensee is not responsible for the content of Messages sent by digital communications which did not originate at the Station when he could not reasonably be expected to review their content (and did not review their content) before relaying them.

(5) Notwithstanding sub-clauses 5(1) and (2), the Licensee shall not operate:

(a) a mailbox or bulletin board (each being a facility which receives and stores Messages for or on behalf of other licensed amateurs for retransmission at a later time on the request of (and to) the intended recipient of the Message); **or**

(b) a telephony repeater (a facility which receives and simultaneously retransmits Messages by telephony for or on behalf of other licensed amateurs).

6. Log

(1) Subject to sub-clause 2(6), the Licensee shall keep a permanent record (the "Log") of all wireless telegraphy transmissions at the Main Station Address and all Temporary Locations showing:

(a) dates of transmission:

(b) the times (in Coordinated Universal Time (UTC)) during each day of:

(i) the first and last transmissions from the Station (except when using automatic operations involving digital communications), **or**

(ii) switching the Station on and off for the purpose of enabling transmissions (when using automatic operations involving digital communications), **and**

changing the frequency band, class of emission or power;

(c) frequency band of transmission or, in an Unattended Operation, the specific frequency employed;

(d) class of emission;

(e) power;

(f) initial calls ("CQ" calls) (whether or not they are answered);

(g) except during automatic operations involving digital communications, the call sign of licensed amateurs or licensed amateur stations with which communications have been established (not including those amateurs or stations which form part of the intermediate relay of Messages);

(h) details of tests carried out in accordance with sub-clause 4(4); **and**

(i) location when the station is operated at a Temporary Location.

(2) The Log shall be written in a book or maintained on a magnetic tape or disc.

(3) Where the Log is maintained:

(a) in a book, the book shall not be loose-leaf and no gaps shall be left between the entries:

(b) on a magnetic tape or disc, the tape or disc shall be used only to keep the Log.

(4) The Licensee shall keep the Log for inspection by a person authorised by the Secretary of State for at least six months from the date of the last entry whether or not this Licence has expired or been revoked.

(5) The Licensee shall record in the Log those matters required to be recorded by a person authorised by the Secretary of State for the period specified by that person.

7. Identification

(1) During transmissions, the Licensee shall transmit the call sign specified in paragraph (b) of the Validation Document:

(a) During initial calls ("CQ" calls);

(b) at the beginning and at the end of each period of communication with a licensed amateur and when the period of communication is longer than 15 minutes, at the end of each interval of 15 minutes;

(c) at the beginning of transmission on a new frequency (whenever the frequency of transmission is changed);

(d) by the same type of transmission that is being used for the communication;

(e) on the same carrier frequency that is being used for the communication;

and

(f) by morse telegraphy or telephony at the end of each 30 minute period during which transmissions are sent from the Station (unless already transmitting in morse telegraphy or telephony).

(2) When another person is using the Station under the Licence in accordance with sub-clause 2(8) (b), the Licensee shall ensure that the call sign specified in paragraph (b) of the Validation Document is transmitted in accordance with sub-clause 7(1).

(3) At a Temporary Location, the Licensee shall:

(a) use the suffix "/P" with his call sign and give the location of the Station to an accuracy of at least 5 kilometres by a generally used identifier [for guidance see note (v) to this Booklet], or

(b) give prior written notice of the location to the Manager of the Radio Investigation Service office in whose district the operation is to take place.

(4) When Mobile, the Licensee shall use the suffix "/M" and when Maritime Mobile the suffix "/MM".

(5) When away from the Main Station Address, the Licensee shall use the appropriate Regional Secondary Locator specified in note (w) to this Booklet.

(6) When operating a low power device under sub-clause 2(4) (b), this clause 7 shall not apply to the operation of the low power device (although this clause 7 shall continue to apply to the operation of the Station).

8. Inspection and Close Down

(1) The Licensee shall permit a person authorised by the Secretary of State:

(a) to have access to the Station, and

(b) to inspect the Licence and Log and to inspect and test the apparatus of the Station

at any and all reasonable times (or when, in the opinion of the Secretary of State, an urgent situation exists, at any time) for the purpose of verifying compliance with the terms of the Licence.

(2) When, in the opinion of the Secretary of State:

(a) the Licensee is in breach of the Licence; and

(b) the breach justifies immediate restriction or close down,

the Licensee shall restrict the operation of, or close down and cease to operate, the Station (or any apparatus comprised in the Station) forthwith in accordance with the demand of a person authorised by the Secretary of State for the temporary period specified in the demand.

(3) When Maritime Mobile, the Licensee shall cease to operate the Station on the demand of the Vessel's master.

(4) For the purposes of sub-section 1(4) of the Act, this Licence may be revoked, or its terms, provisons or limitations varied, by a notice in writing of the Secretary of State served on the Licensee, or by a general notice addressed to all holders of an Amateur Radio Licence (A) or Amateur Radio Licence (B) published in the London, Edinburgh and Belfast Gazettes or broadcast nationally by the British Broadcasting Corporation.

9. Period of Licence and Fees Due

(1) Subject to the payment of the fee in the manner indicated in sub-clause 9(2), this Licence shall continue in force from year to year unless revoked by the Secretary of State.

(2) The Licensee shall pay to the Secretary of State before the anniversary date of the Date of Issue in each year, the fee on renewal prescribed by the Regulations for the time being in force under sub-section 2(1) of the Act, and on the payment of the fee the Secretary of State will issue to the Licensee a document in the form of the title page of this Licence (the "Validation Document") which will indicate the next date for renewal.

(3) If the Licensee does not pay the fee in the manner described in sub-clause 9(2), then the licence shall expire at end of the day before the relevant anniversary date of the Date of Issue.

(4) The Licensee shall surrender the Validation Document to the Secretary of State forthwith upon the revocation of the Licence.

(5) Any Licence, however described, which the Secretary of State has previously granted to the Licensee under the Act in respect of the Station is revoked.

(6) Sub-clauses 9(1), (2) and (3) do not apply to a temporary licence.

10. Operations by CEPT Amateurs in Accordance with CEPT Recommendation T/R 61-01

The following additional provisions apply to licensed non-resident amateurs temporarily visiting and operating wireless telegraphy apparatus in the United Kingdom in accordance with CEPT Recommendation T/R 61-01, as enabled by statutory instrument ("CEPT Amateurs").

(1) CEPT Amateurs may operate in the United Kingdom under a CEPT equivalent licence which is:

(a) valid and in force;

(b) not temporary; and

(c) issued by an administration which:

(i) has implemented CEPT Recommendation T/R 61-01, and

(ii) permits persons licensed to use amateur stations under section 1 of the Act to use such stations in its territory (with or without conditions) without making application in that behalf.

(2) CEPT Amateurs shall transmit their home call sign after:

(a) the United Kingdom call sign prefix 'G';

(b) followed by the appropriate Regional Secondary Locator (if any); and

(c) followed by the symbol '/'

[for guidance see note (w) to this Booklet].

(3) Subject to this clause 10, CEPT Amateurs shall comply with:

(a) the terms of their CEPT equivalent licence, unless such compliance would result in a breach of the requirements of the United Kingdom;

(b) this Terms and Limitations Booklet BR68 (insofar as its terms and limitations may reasonably be applied); and

(c) the relevant provisions of CEPT Recommendation T/R 61-01.

(4) CEPT Amateurs who possess the equivalent of a CEPT Class 2 licence shall use only those frequencies above 144 MHz specified in the first column of the Schedule.

(5) CEPT Amateurs shall operate only:

(a) a mobile or a portable station (which includes a station powered from the mains electricity at a temporary fixed location such as an hotel); or

(b) the Station of an amateur licensed under the Act.

11. Operations by the Licensee in Accordance with CEPT Recommendation T/R 61–01

Subject to sub-clause 11(2), the Licensee may operate in countries which have implemented CEPT Recommendation T/R 61-01 in accordance with the following terms.

(1) The Licensee shall:

(a) be a temporary visitor and non-resident in the host country;

(b) operate only:

(i) a mobile or a portable station (which includes a station powered from the mains electricity at a temporary fixed location such as an hotel), or

(ii) the station of an amateur licensed by the relvant authority in the host country.

(c) comply with the requirements applicable to the use of wireless telegraphy apparatus at the location of operation in the host country;

(d) comply with this Licence unless such compliance would result in a breach of the requirements of the host country;

(e) present this Licence upon request to the relevant supervisory authorities in the host country;
(f) if he possesses an Amateur Radio Licence (B), use only those frequencies above 144 MHz authorised for use by licensed amateurs in the host country;
(g) use his home call sign after the appropriate host country call sign prefix; and
(h) comply with the relevant provisions of CEPT Recommendation T/R 61-01.

(2) If this Licence is a temporary Licence, then the Licensee shall not operate under this clause 11.

12. Interpretation

(1) In this Licence, unless the context otherwise requires:

(a) words and expressions have the same meaning as they have in the Act and the words "station" and "apparatus" have the meanings ascribed to the expressions "station for wireless telegraphy" and "wireless telegraphy apparatus", respectively, in section 19 of the Act;
(b) words importing the masculine include the feminine, words in the singular include the plural and words in the plural include the singular;
(c)the expression "Coordinated Universal Time" has the same meaning as it has in the Radio Regulations [for guidance see note (s) to this Booklet];
(d) any reference to a statute in this Licence includes a reference to that statute and to any statutory instruments made under the statute as the statute or statutory instrument may be amended from time to time and to any other statute or statutory instrument that has the effect of adding to, replacing or superseding the statute or statutory instrument, whether before or after the date of issue.

(e) "Act" means the Wireless Telegraphy Act 1949:
(f) "At Sea" means in the Tidal Waters or territorial sea of the United Kingdom or in international waters;
(g) "CEPT" means the European Conference of Postal and Telecommunications Administrations;
(h) "Harmful Interference" means interference which endangers the functioning of a radio navigation service or of other safety services or seriously degrades, obstructs or repeatedly interrupts a radiocommunication service operating in accordance with the relevant governmental requirements;
(i) "Inland Waters" means any canal, river, lake, loch or navigation which is not Tidal Water;
(j) "Licensee" means the licensee named in paragraph (a) of the Validation Document or a CEPT Amateur [as defined in clause 10], as the case may be;
(k) "Secretary of State" means the Secretary of State for Trade and Industry;
(l) "Telecommunication Convention" and "Radio Regulations" mean the International Telecommunication Convention and the Radio Regulations thereunder and include any Convention or Regulation which may from time to time be enacted or brought into force in substitution for, in amendment of, or in addition to, the Telecommunication Convention or Radio Regulations;
(m) "Tidal Water" means any part of the sea or a river within the ebb and flow of the tide at ordinary spring tides;
(n) "Undue Interference" means interference to wireless telegraphy which goes beyond that which is appropriate or warranted in all of the circumstances;
(o) "United Kingdom" means the United Kingdom of Great Britain and Northern Ireland, the Channel Islands and the Isle of Man;
(p) "Unwanted Emissions" means spurious emissions and out-of-band emissions as defined in the Radio Regulations;
(q) "User Service" means the British Red Cross Society, the St. John Ambulance Brigade, the St. Andrew's Ambulance Association, the County, Chief, Regional or Islands Emergency Planning Officer or any United Kingdom police force, fire or ambulance service, health authority, government department or public utility; and
(r) "Vessel" includes a hovercraft and any other floating structure which is capable of being manned.
(2) The Licence consists of the Validation Document, Terms and Limitations Booklet BR68, the Schedule to the Booklet and the Notes to the Schedule, as any of them may be varied from time to time.
(3) References to a certificate issued by the Secretary of State include references to a certificate issued or granted by the Secretary of State for the Home Department, the Postmaster General or the Minister of Posts and Telecommunications.
(4) The headings in this Licence are for ease of reference only and shall not affect the interpretation of the Licence.

Issued on behalf of the Secretary of State for Trade and Industry.

The Schedule to the Amateur Radio Licence (A) and (B)

Those licensed under an Amateur Radio Licence (B) may not transmit on those bands between 1.810 and 29.700 MHz.

1	2	3	4	5	6
Frequency bands in MHz	Status of Allocations in the United Kingdom to: The Amateur Service	The Amateur Satellite Service	Maximum Power Carrier	PEP	Permitted Types of Transmission
1.810-2.000	Available on the basis of non-interference to other services (inside or outside the United Kingdom)	(Not allocated)	9dBW	15dBW	Morse Telephony RTTY Data Facsimile SSTV
3.500-3.800	Primary. Shared with other services		20dBW	26dBW	Morse Telephony RTTY Data Facsimile SSTV
7.000-7.100	Primary	Primary			
10.100-10.150	Secondary	(Not allocated)			
14.000-14.250	Primary	Primary			
14.250-14.350					
18.068-18.168	Available on the basis of non-interference to other services. Antennas limited to horizontal polarisation, maximum gain 0dB with respect to a half-wave dipole	(Not allocated)	10dBW	–	Morse, A1A only
21.000-21.450	Primary	Primary	20dBW	26dBW	Morse Telephony RTTY Data Facsimile SSTV
24.890-24.990	Available on the basis of non-interference to other services. Antennas limited to horizontal polarisation, maximum gain 0dB with respect to a half-wave dipole.	(Not allocated)	10dBW	—	Morse, A1A only
28.000-29.700	Primary	Primary	20dBW	26dBW	Morse Telephony RTTY Data Facsimile SSTV

1	2	3	4	5	6
Frequency bands in MHz	Status of Allocations in the United Kingdom to: The Amateur Service	The Amateur Satellite Service	Maximum Power: Carrier	PEP	Permitted Types of Transmission
50·00-51·00	Primary. Available on the basis of non-interference to other services outside the United Kingdom. Antennas limited to 20 metres above ground level, with horizontal polarisation only. No Mobile or Maritime Mobile operation.	(Not allocated)	14 dBW erp	20 dBW erp	Morse Telephony RTTY Data Facsimile SSTV
51·00-52·00	Secondary. Available on the basis of non-interference to other services outside the United Kingdom. Antennas limited to 20 metres above ground level, with horizontal polarisation only. No Mobile or Maritime Mobile operation.				
70·00-70·50	Secondary. Available on the basis of non-interference to other services outside the United Kingdom.		16 dBW	22 dBW	
144·0-146·0	Primary	Primary	20 dBW	26 dBW	
430·0-431·0	Secondary. Not available for use within the area bounded by: 53°N 02°E, 55°N 02°E, 53°N 03°W and 55°N 03°W	(Not allocated)	10 dBW erp	16 dBW erp	Morse Telephony RTTY Data Facsimile SSTV FSTV
431·0-432·0	Secondary. Not available for use: (a) within the area bounded by: 53°N 02°E, 55°N 02°E, 53°N 03°W and 55°N 03°W; (b) within a 100 km radius of Charing Cross, London (51°30'30"N, 00°07'24"W)				
432·0-435·0	Secondary		20 dBW	26 dBW	
435·0-438·0		Secondary			
438·0-440·0		(Not allocated)			

1	2	3	4	5	6
Frequency bands in MHz	Status of Allocations in the United Kingdom to: The Amateur Service	The Amateur Satellite Service	Maximum Power: Carrier	PEP	Permitted Types of Transmission
1240-1260	Secondary	(Not allocated)	20dBW	26dBW	Morse Telephony RTTY Data Facsimile SSTV FSTV
1260-1270		Secondary. Earth to Space only			
1270-1325		(Not allocated)			
2310-2400					
2400-2450	Secondary. Users must accept interference from ISM Users	Secondary. Users must accept interference from ISM users			
3400-3475	Secondary	(Not allocated)			
5650-5670		Secondary. Earth to Space only.			
5670-5680		(Not allocated)			
5755-5765	Secondary. Users must accept interference from ISM users				
5820-5830					
5830-5850		Secondary. Users must accept interference from ISM users. Space to Earth only			
10000-10450	Secondary	(Not allocated)			
10450-10500		Secondary			
24000-24050	Primary. Users must accept interference from ISM users	Primary. Users must accept interference from ISM users			
24050-24250	Secondary. May only be used with the written consent of the Secretary of State. Users must accept interference from ISM users	(Not allocated)			
47000-47200	Primary	Primary			
75500-76000					
142000-144000					
248000-250000					

ISM (Industrial, Scientific and Medical)

M. V. Coolican, on behalf of the Secretary of State for Trade and Industry.

21st December 1988. (14 SI)