

## **Radio Amateur Guidelines**

### **1. Overview**

Article 25 of The Radio Regulations states that: “Administrations shall take such measures as they judge necessary to verify the operational and technical qualifications of any person wishing to operate the apparatus of an amateur station.”

All prospective radio amateurs are therefore required to demonstrate a suitable level of competence and proficiency as a pre-requisite to holding a radio amateur licence issued by the ICT Authority to operate on the territories of the Republic of Mauritius. Licences may be issued to individual radio amateurs or to radio amateur expeditions.

### **2. Licence Information**

A licence is required for each class of amateur station.

It is the responsibility of the radio amateur to ensure that his/her licence details with the ICTA remain valid and updated.

A licence does not confer any right of ownership of the frequency spectrum. It allows for the possession and use of the radio amateur station in accordance with the conditions of the Radio Amateur Licence.

A Radio Amateur Licence shall not be granted to a person below the age of 16 years. Payment of licence fees applicable, upon grant of a licence to such a person, shall be made by his/her responsible party.

A Radio Amateur Licence may be cancelled at the written request of the licensee. Such cancellation shall be without entitlement to any refund of licence fees.

The ICTA may suspend or revoke a Radio Amateur Licence where there is serious or repeated non-compliance by the licensee with the conditions of the licence. Again, there shall be no entitlement to any refund of licence fees in the event of any such action.

The applicant is advised not to proceed with the purchase of any equipment and/or installation of the station until his/her application for a licence has been approved. All radio amateur equipment to be used in a licensed amateur station must be type approved by ICTA. Please refer to the type approval guidelines on our website ([www.icta.mu](http://www.icta.mu)) for more information. The application form for type approval may be downloaded from the following link:

<http://www.icta.mu/documents/applicationforms/typapp.pdf>

A copy of the terms and conditions of the different licence types is also available on the website of the ICTA.

### 3. Licence Types

There are three types of radio amateur licences defined under the ICT Act 2001 (as amended). These are the Radio Amateur Class A, Radio Amateur Class B and the Radio Amateur Visitor's Licences.

The **Radio Amateur Class A (RA23)** Licence permits the Licensee to operate on all approved radio amateur bands allocated to the Amateur Service.

The **Radio Amateur Class B (RA24)** Licence permits the Licensee to operate essentially on the VHF/UHF band allocated to the Amateur Service.

The **Radio Amateur Visitor's Licence (RA25)** is a temporary licence issued to visiting radio amateurs based on their equivalent competencies to operate a radio amateur station in the territories of the Republic of Mauritius.

Details pertaining to duration of licence, applicable licence fees and frequency of operation bands are given in the template licence document:-

Radio Amateur Licence	Validity period	Annual licence fees	Licence terms and conditions
Class A	Lifetime	Rs 500/-	RA23 (Class A)
Class B	5 years	Rs 300/-	RA24 (Class B)
Visitor	Specified duration of stay (< 6 mths)	Rs 1,000/-	RA25 (Visitor) Depending upon equivalence qualifications
	Specified duration of stay (6mths < stay < 12mths)	Rs 1,500/-	
	1 year and above	Rs 500/- (renewal)	

### 4. Application requirements

Any radio amateur wishing to obtain a licence to operate a radio amateur station in the Republic of Mauritius is required to apply for the appropriate licence on the prescribed application form. Additional information to be submitted is as follows:

Type of licence	Evidence of qualifications to be submitted	Additional information to be submitted
Radio Amateur Class A (RA23)	Amateur Radio Operator Certificate ( <i>e.g. City and Guilds of London Radio Amateur's Certificate or any other equivalent recognised internationally</i> )	1. Copy of NIC 2. Station details 3. Schematic diagrams of the proposed antenna installation (if any).

Radio Amateur Class B (RA24)	Certificate of competency issued by the Mauritius Amateur Radio Society (MARS) or any Amateur Radio Certificate (to that level of competency) recognised internationally	<ol style="list-style-type: none"> <li>1. Copy of NIC/birth certificate</li> <li>2. Station details</li> <li>3. Schematic diagrams of the proposed antenna installation (if any).</li> </ol>
Radio Amateur Visitor (RA25)  (Note: determination of this type of licence application is subject to security clearance)	Amateur Radio Operator Certificate ( <i>e.g. City and Guilds of London Radio Amateur's Certificate or any other equivalent recognised internationally</i> )  (Note that depending on qualifications of the Radio Amateur, he/she will only be allowed to operate as an equivalent Class A or Class B Radio Amateur licence holder	<ol style="list-style-type: none"> <li>1. Copy of Radio Amateur Licence in country of origin (<i>An English translated version of the document should be submitted if original document is not in English.</i>)</li> <li>2. Passport details</li> <li>3. Two (2) Passport size photographs</li> <li>4. Address for intended operation of amateur station</li> <li>5. Station details</li> <li>6. Letter of approval from the owner of the premises for the installation of amateur radio antenna</li> <li>7. Schematic diagrams of the proposed antenna installation (if any).</li> <li>8. Details of local contact person</li> </ol>

**Visiting radio amateurs** who wish to operate a radio amateur station during their stay in Mauritius and its territories are invited to submit their application for licence **at least three (3) months** before their intended period of stay. Given the need for the ICTA to seek a security clearance from relevant authorities, it would enable a timely processing and determination of any application prior to their arrival.

## 5. Call Signs

Upon successful grant of a radio amateur licence, the radio amateur or radio amateur expedition will be issued with a Call Sign. A Call sign is a unique identifier for a radio transmitting station. The call sign prefix allocated to the Republic of Mauritius by the International Telecommunication Union is 3B. Kindly find hereunder the format for allocation of call signs to radio amateurs in the Republic of Mauritius:-

<b>Region</b> <b>Radio Amateur</b>	<b>Agalega</b>	<b>St Brandon</b>	<b>Mauritius</b>	<b>Rodrigues</b>
<b>Class A</b>	3B6xx	3B7xx	3B8xx	3B9xx
<b>Class B</b>	3B6Bxx	3B7Bxx	3B8Bxx	3B9Bxx
<b>Visitor</b>	3B6/(visitor's home callsign)	3B7/(visitor's home callsign)	3B8/(visitor's home callsign)	3B9/(visitor's home callsign)
<b>Special Event</b>	3B6xx	3B7xx	3B8xx	3B9xx

Call signs are issued on a first come, first served basis. Requests for special call signs will be given due consideration for special events such as expeditions only.

Visiting radio amateurs wishing to have a local call sign may request same when they can demonstrate that they will be staying for periods longer than 6 months or upon showing evidence of frequent, long-duration visits to the Republic of Mauritius. Such a request will be given due consideration.

Unauthorized use of call signs and operation without a licence issued by the ICT Authority is an offence punishable under the law.

Call signs not in use for a period of more than 10 years will automatically be withdrawn for eventual reuse. Special Call Signs allocated for expeditions and special events may be reused by the ICTA after a period of 5 years.

## **6. Mauritius Radio Amateur Society**

Please note that the Mauritius Amateur Radio Society (MARS) is an association regrouping the local radio amateurs. The ICT Authority signed a memorandum of Understanding with MARS regarding the recognition by the ICT Authority of the certificate of competency issued by MARS for the grant of a radio amateur (Class B) licence to successful candidates.

You may wish to contact MARS for further information [www.gsl.net/mars/site.html](http://www.gsl.net/mars/site.html).

## ANNEX 1

**TABLE 1: SCHEDULE OF FREQUENCY BANDS FOR RADIO AMATEUR (CLASS A)**

<b>Frequency Bands (in MHz)</b>	<b>Status of allocations to the Amateur Service</b>	<b>Status of allocations to the Amateur Satellite Service</b>	<b>Maximum Peak Envelope Power level in Watts (and dB relative to 1 Watt)</b>
1.810-1.850	Primary	Not allocated	800W (26 dBW)
3.500-3.800	Primary. Shared with other services	Not allocated	800W (26 dBW)
7.000-7.100	Primary	Primary	800W (26 dBW)
7.100-7.200	Primary	Primary	800W (26 dBW)
10.100-10.150	Secondary	Not allocated	800W (26 dBW)
14.000-14.250	Primary	Primary	800W (26 dBW)
14.250-14.350	Primary	Not allocated	800W (26 dBW)
18.068-18.168	Primary	Primary	800W (26 dBW)
21.000-21.450	Primary	Primary	800W (26 dBW)
24.890-24.990	Primary	Primary	800W (26 dBW)
28.000-29.700	Primary	Primary	800W (26 dBW)
50.00-51.00	Primary. Available on the basis of non-interference to other services outside Rep of MRU	Not allocated	800W (26 dBW)
51.00-52.00	Secondary. Available on the basis of non-interference to other services outside Rep of MRU	Not allocated	100W (20 dBW)
144.0-146.0	Primary	Primary	400W (26 dBW)
430.0-440.0	primary	Not allocated	40W (16 dBW) e.r.p.
1240-1300	Secondary	Not allocated	400W (26 dBW)
2300-2450	Secondary	Not allocated	400W (26 dBW)
5650-5725	Secondary	Not allocated	
5725-5830	Secondary	Not allocated	400W (26 dBW)
5830-5850	Secondary. Users must accept interference from ISM users	Secondary. Users must accept interference from ISM users. Space to Earth only.	400W (26 dBW)
10000-10450	Secondary	Not allocated	400W (26 dBW)
10450-10500	Secondary	Secondary	400W (26 dBW)

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24000-24050	Primary. Users must accept interference from ISM users	Primary. Users must accept interference from ISM users	400W (26 dBW)
24050-24250	Secondary. Users must accept interference from ISM users	Not allocated	400W (26 dBW)
47000-47200	Primary	Primary	400W (26 dBW)
76000-77500	Secondary	Secondary	400W (26 dBW)
77500-78000	Primary	Primary	400W (26 dBW)
78000-79000	Secondary	Secondary	400W (26 dBW)
79000-81000	Secondary	Secondary	400W (26 dBW)
122250-123000	Secondary	Not allocated	400W (26 dBW)
134000-136000	Primary	Primary	400W (26 dBW)
136000-141000	Secondary	Secondary	400W (26 dBW)
241000-248000	Secondary	Secondary	400W (26 dBW)
248000-250000	Primary	Primary	400W (26 dBW)

## ANNEX 1

<b>SCHEDULE OF FREQUENCY BANDS FOR RADIO AMATEUR (CLASS B)</b>			
<b>Frequency Bands (in MHz)</b>	<b>Status of allocations to the Amateur Service</b>	<b>Status of allocations to the Amateur Satellite Service</b>	<b>Maximum Peak Envelope Power level in Watts (and dB relative to 1 Watt)</b>
1.810-1.850	Primary.	Not allocated	10W (10 dBW)
3.500-3.800	Primary. Shared with other services	Not allocated	10W (10 dBW)
7.000-7.100	Primary	Primary	10W (10 dBW)
10.100-10.150	Secondary	Not allocated	10W (10 dBW)
14.000-14.250	Primary	Primary	10W (10 dBW)
14.250-14.350	Primary	Not allocated	10W (10 dBW)
18.068-18.168	Primary	Primary	10W (10 dBW)
21.000-21.450	Primary	Primary	10W (10 dBW)
24.890-24.990	Primary	Primary	10W (10 dBW)
28.000-29.700	Primary	Primary	10W (10 dBW)
50.00-51.00	Primary. Available on the basis of non-interference to other services inside or outside the Rep of MRU	Not allocated	10W (10 dBW)
51.00-52.00	Secondary. Available on the basis of non-interference to other services inside or outside the Rep of MRU	Not allocated	10W (10 dBW)
144.0-146.0	Primary	Primary	10W (10 dBW)
430.0-440.0	Secondary	Not allocated	10W (10 dBW)
10000-10450	Secondary	Not allocated	1W (0 dBW)
10450-10500	Secondary	Secondary	1W (0 dBW)