



## Article (1)

### Definitions

- 1.1 In applying these Regulations, the following terms shall have the following meanings unless the context requires otherwise, whereas any term undefined in the following shall be defined in line with the Federal Law by Decree No. 3 of 2003 as amended its Executive Order and Radiocommunications Policy:
- 1.1.1 “**Amateur**” means a Person interested in radio technique for solely personal reasons and without a pecuniary or commercial interest duly authorized to operate a Fixed or Mobile Amateur Station by the Authority under these Regulations.
- 1.1.2 “**Amateur Service**” means a Radiocommunication service used by an Amateur for the purpose of self training, communication with others or out of technical interest
- 1.1.3 “**Amateur Station**” includes the transmitters and receivers and accessories used for Amateur Service.
- 1.1.4 “**Amateur Authorization**” means the Radio Frequency Authorization.
- 1.1.5 “**Applicant**” means any Person who has applied for a License or an Authorization in accordance with the Telecom Law or other Regulatory Instruments issued by the Authority.
- 1.1.6 “**Application**” means the request for issuance of a License or an Authorization, received at the Authority on prescribed forms as per the procedure in vogue.
- 1.1.7 “**Fixed Amateur Station**” means an Amateur Station operated at a fixed location.
- 1.1.8 “**Mobile Amateur Station**” means a portably operated or handheld Amateur Station.
- 1.1.9 “**Person**” means the juridical entity as well as natural person.
- 1.1.10 “**Radio Frequency Authorization**” means a Radio Spectrum Authorization issued by the Authority, which permits the use of Radio Frequency subject to terms and conditions set out therein.

## Article (2)

### Amateur Authorization

- 2.1 No Person in the United Arab Emirates shall possess or operate Wireless Equipment for Amateur Service or engage in Amateur Service without obtaining and / or having a valid Authorization issued by the Authority.
- 2.2 Criteria as defined under Amateur eligibility shall be a mandatory requirement for the issuance of an Amateur Authorization.
- 2.3 The Amateur Authorizations will be issued in the following classes:-
- 2.3.1 **Novice Class Amateur Authorization** – The Novice Class Amateur Authorization allows only VHF band as given in Annex 2 with maximum transmitter output power of 25 Watt for Fixed Amateur Station or Mobile Amateur Station. The minimum age for a Novice Class Amateur is 16 years. Novice Class Amateur is not allowed to operate Beacons and Repeaters and / or to supervise activities of Club Stations or training for novices or students.
- 2.3.2 **Advance Class Amateur Authorization** – The Advance Class Amateur Authorization allows all Amateur bands as given in Annex 2. The maximum transmitter output power is 400 Watt in MF and HF, 50 Watt in VHF for Fixed Amateur Station and 25 Watts for VHF Mobile Amateur Station. The minimum age for an Advance Class Amateur is 18 years. Advance Class Amateur is also authorized to operate repeaters and to be a responsible person to supervise activities of Club Stations or training for novices or students.
- 2.3.3 **Special Class Amateur Authorization** – The Special Class Amateur Authorization allows all Amateur bands as given in Annex 2. The maximum transmitter output power is 400 Watt in MF and HF, 50 Watt in VHF for Fixed Amateur Station and 25 Watts for VHF Mobile Amateur Station. The Special Class Amateur Authorization is limited to Amateur Societies, Club Stations, university or college facilities established for Amateur use.

## Article (3)

### Amateur Eligibility

- 3.1 The eligibility criteria to apply for an Amateur Authorization is as follows:-
- 3.1.1 **Citizenship** – Citizens of the UAE and GCC Countries and Citizens of other countries having a valid residence permit in the UAE, have equal eligibility. Citizens of other countries visiting the UAE temporarily and having a valid Amateur Authorization from their native country can oper-

ate an Amateur Station depending either on an existing bilateral agreement between the two Administrations or as per the decision of the Authority.

3.1.2 **Age of the applicant** – Minimum age for applicants is 16 (sixteen) years for a Novice Class Amateur Authorization and 18 (eighteen) years for an Advance Class Amateur Authorization.

3.1.3 **Examination** – The Applicants for an Amateur Authorization shall have to pass an examination to determine their abilities to operate the Amateur Station and observe other regulatory obligations determined by the Authority. Such an examination shall be conducted by the entity duly authorised by the Authority. Upgrading from Novice to Advance Class shall require the successful passing of the examination with more than 90% score. For score between 60% and up to 89% Novice Class Amateur Authorization shall be issued unless specifically considered for Advance Class by the Authority due to patronage e.g. for prominent personalities. Holders of a valid authorization of another country are treated as “passed the examination with positive result” if the conditions to get such an authorization in the origin country of the applicant is accepted by the TRA as equal to the content of the national examination.

3.1.4 **Security Clearance** - Security clearance shall be mandatory requirement for issuance of the Authorization.

3.2 **Special Class Authorization** eligibility criteria shall be only the recommendation of the entity duly authorised by the Authority and under its patronage.

## Article (4)

### Applications

4.1 All applications for issuance of Amateur Authorization shall be made on the Application Form prescribed by the Authority along with the application processing fee and other documents as required as per Article (12).

4.2 The Authority after initial scrutiny as per Article 3 refers the Applicant to an authorized entity for necessary examination for issuance of Amateur Authorization in Novice or Advance Class.

## Article (5)

### Validity of an Amateur Authorization

5.1 The Amateur Authorization can be issued upon payment of charges for a period of one year up to a maximum period of five years and can be renewed

thereafter. The Amateur during the term of an Authorization can request the cancellation of its Authorization. The validity of the Amateur Authorization issued to the citizens of other countries with a valid residence permit in the UAE will become invalid with the expiry or cancellation of the residence permit.

- 5.1 **Temporary Authorization** – The Authority may issue temporary Amateur Authorizations on receipt of such Application in which the need is shown. The temporary Authorization will be issued for a maximum period of 90 days and will not be renewed thereafter.

## Article (6)

### Use of Amateur Station

- 6.1 The Amateur shall use an Amateur Station solely for:-
- 6.1.1 Self training in Radiocommunication.
  - 6.1.2 Technical investigations into Radiocommunication
  - 6.1.3 Communication with other Amateur.
  - 6.1.4 Transmitting information related to the operation of Amateur Stations for facilitating communication with others.
- 6.2 The Amateur shall not use the authorised Amateur Station for any type of financial gain or commercial purposes or for the provision of licensable services and shall not transmit:-
- 6.2.1 Advertisements.
  - 6.2.2 Any form of entertainment.
  - 6.2.3 Any message or communication containing the following:-
    - a. Offence and hatred.
    - b. Misleading information made intentionally.
    - c. Offensive language.
    - d. Derogatory remarks about any religion.
    - e. Against social, cultural, moral and religious values in the UAE
    - f. Contrary to the UAE national interests.
    - g. Distorted historical facts, traditions of the UAE or the person or personality of a national leader or a state dignitary.
    - h. Detrimental to the UAE relations with friendly countries.
    - i. Promotion of corruption, law breaking and dishonestly.
    - j. Breach of any Law of the UAE and the policies issued by the Authority.
- 6.3 **Disaster Communication** - In case of emergency or distress situations e.g. accidents, natural disasters, criminal or terrorist acts, where human life or excessive loss of valuables has to be protected or saved, Amateur Station can be used to contact tactical or rescue bodies, especially if there is no public communication is available.

- 6.3.1 Any emergency (distress) activity from the originating station shall include:
- Opening with: 'this is an emergency (distress) call'
  - Identification: 'here is ...'
  - Situation: (what happened?)
  - Location: (where it happened?)
  - Kind of assistance needed: (e.g. police, rescue team, medical aid, etc.)
- 6.3.2 Any operator receiving such a call shall immediately:
- Answer to the calling station: 'emergency (distress) call received'
  - Identification: 'here is ...'
  - Verification: (Situation, location, kind of assistance needed)
  - Forward the message to the relevant body
  - Inform the calling station about actions taken
- 6.3.3 All operators of other stations shall immediately stand by, watch the traffic and take part if necessary. The end of emergency (distress) communications shall be announced.
- 6.4 **Third Party/Non Authorized Person** - Person not holding a valid Amateur Authorization may operate for training purposes under the supervision of a Person having valid Advance Class Authorization. In such case Advance Class Authorized User will be responsible for use by the person not holding Amateur Authorization.
- 6.5 The Amateur is permitted to communicate abroad provided this does not contravene any prohibition published by the TRA or other Government Body.
- 6.6 The transmission between Amateur Stations shall not be encoded (encrypted) in such a way that the meaning is obscured except for Command and Control signals exchanged between Earth Command Stations and Space Stations in the Amateur Satellite Service and signals for Amateur Station.

## Article (7)

### Call Signs

- 7.1 For identification of an Amateur Station, a unique Call Sign will be assigned with the Amateur Authorization by the TRA. This Call Sign has to be announced at beginning, at the end and also during longer transmissions by the Amateur using the same class of emission as the remaining part of the message.
- 7.2 The Amateur will transmit the assigned Call Sign by Voice (in Arabic or English Language), by visual image or by internationally recognised code.

- 7.3 If an Amateur requires retransmitting a transmission originated from another Amateur Station, the Amateur will:-
- 7.3.1. Obtain the consent of the other Amateur to retransmit his signals.
  - 7.3.2 Transmit the other Amateur Call Sign at the beginning and end of transmission.
  - 7.3.3 Indicate as part of transmission that it is retransmission of another Amateur Station.
- 7.4 The call sign will be assigned as per the Annex 3.

## Article (8)

### Operation of an Amateur Station

- 8.1 An Amateur shall be responsible for the following:-
- 8.1.1 To maintain a **Log Book** with the following minimum registrations for every transmission by the Amateur in Arabic or English language:
    - a. date,
    - b. time (UTC),
    - c. frequency,
    - d. class of emission,
    - e. object (e.g. test, any call, or call sign of the station contacted).
  - 8.1.2 All entries shall be kept for a minimum of six months and shall be provided to the TRA upon such request.
  - 8.1.3 **Language** - Any language is allowed with the exception that announcement of the call sign shall be in Arabic or English language only. No encryption is allowed, but international well-known abbreviations (e.g. Q-code) are equal to open language.
- 8.2 An Amateur shall ensure that the Amateur Station is operated at all times by an Authorised Amateur or a trainee under the supervision of an Authorised Amateur unless the Amateur Station is:
- a. a Repeater Station; or
  - b. Beacon Station; or
  - c. an Automatic or Computer controlled Station.

- 8.3 An Amateur shall ensure that if an Amateur Station is being operated unattended, it is able to shut down in case of any malfunction or terminate transmission in case of interference to any other service.
- 8.4 The Amateur will not transmit a carrier wave without intelligible modulation except for short testing or an adjustment.

### **Article (9)**

#### **Technical Characteristics of Emissions**

- 9.1 The Amateur shall comply with the technical characteristics given in Annex -1.

### **Article (10)**

#### **Frequency Band Plan**

- 10.1 The Amateur shall comply with the use of frequency bands as authorized. The frequency band plan is given in Annex – 2.

### **Article (11)**

#### **Interference**

- 11.1 The Amateur shall not operate the station if its operation causes harmful interference to a service provided by any other station.

### **Article (12)**

#### **Fees**

- 12.1 All the Applicants shall pay fees to the Authority in accordance with the Spectrum Fees Policy.

### **Article (13)**

#### **Portable operation of an Amateur Station**

- 13.1 No Amateur shall operate an Amateur Station at a location other than the specified location in the Amateur Authorization for a continuous period of more than 90 days.



- 13.2 If the Amateur requires operating at a changed location for more than the period mentioned above, he has to request the Authority in writing to change the address in the Authorization.

#### **Article (14)**

##### **Connection of an Amateur Station to Public Telecom Network**

- 14.1 No Amateur shall connect an Amateur Station, directly or indirectly, to any Public Telecommunication Network including the Internet. Machine generated emissions and connection to Internet may only be considered by the Authority for Special Class Authorization and allowed when explicitly mentioned in the Amateur Authorization.

#### **Article (15)**

##### **Authorised Entities for Applicant's Evaluation**

- 15.1 The Authority may authorise any entity, which it consider appropriate, to perform the following:
- 15.1.1 To evaluate the Applicants for Amateur Authorizations.
  - 15.1.2 To represent the UAE in the international amateur activities.
  - 15.1.3 To provide facilities of an amateur club station.
  - 15.1.4 To help the Authority in maintaining list of the countries whose Amateur qualification is at par with that in the UAE,
  - 15.1.5 To assist the Authority in having international and regional bilateral agreements for equivalence of Amateur Authorizations.
  - 15.1.6 To coordinate with the Authority and other law enforcement agencies for implementation of these Regulations, conditions specified in the Amateur Authorization or any other relevant law or regulations made time to time.
- 15.2 Any entity authorised by the Authority shall do the following:
- 15.2.1 To register and evaluate Applicants for Amateur Authorization referred by the Authority.

- 15.2.2 To conduct training and examinations for the Amateur Applicants.
- 15.2.3 To recommend the Authority, qualified applicant for issuance of amateur authorization.
- 15.2.4 To maintain the record of the qualified Amateurs.
- 15.2.5 To report to the Authority of any violation

## **Article (16)**

### **Penalties**

- 16.1 The penalties of the Federal Law by Decree No. 3 of 2003 as amended shall apply to any violation to these Regulations or to any breach of a term of Amateur Authorization.

## Annex-1

### Technical Characteristics of Emissions

**A1.1 Unwanted (spurious) Transmitter Output:** The suppression of spurious components of any transmission of an Amateur Station shall not exceed the following values:

Frequency Range	Suppression against Basic Emission *	Maximum Power of Spurious Signal *	Measured in Distance from Centre Frequency
Below 30 MHz	50 dB	- 13 dBm	10 kHz
30 MHz – 1 GHz	70 dB	- 13 dBm	62.5 kHz
above 1 GHz	70 dB	- 13 dBm	250 kHz

\* Always the less severe value shall apply.

**A1.2 Unwanted Receiver Radiation –** The level of signals of any kind produced by the receiving equipment and fed to the antenna, at any frequency shall not exceed the power of 4 nano Watt.

**A1.3 Classes of Emission –** Amateur Service shall be limited to use the following classes of emission:

#### A1.3.1 Emissions with Amplitude Modulation

a. Double Side Band, single channel, quantized or digital information, without use of a sub carrier:-

Telegraphy (Morse code) A1A  
Telegraphy (Machine Code) A1B  
Facsimile A1C  
Remote Control A1D

b. Double Side Band, single channel, quantized or digital information, with use of a sub carrier:

Telegraphy (Morse code) A2A  
Telegraphy (Machine Code) A2B  
Facsimile A2C  
Remote Control A2D

c. Double Side Band, single channel, analogue information:

Facsimile A3C  
Telephony A3E  
Television (image only) A3F

- d. Vestigial Side Band, single channel, analogue information:  
Television (image only) C3F
- e. Single Sideband, suppressed carrier, single channel, quantized or digital information with use of a sub carrier:  
Telegraphy (Morse code) J2A  
Telegraphy (Machine Code) J2B  
Facsimile J2C  
Remote Control J2D  
Packet Radio J2D
- f. Single Sideband, suppressed carrier, single channel, analogue information:  
Facsimile J3C  
Telephony J3E  
Television (image only) J3F
- g. Single Sideband, full carrier, single channel, analogue information:  
Television (image only) H3F
- h. Single Sideband, reduced carrier or carrier with variable level, single channel, and analogue information:  
Telephony R3E  
Television (image only) R3F

### A1.3.2 Emissions with Frequency Modulation

- a. Single channel, quantized or digital information, without use of a sub carrier:  
Telegraphy (Morse code) F1A  
Telegraphy (Machine Code) F1B  
Facsimile F1C  
Remote Control F1D
- b. Single channel, quantized or digital information, with use of a sub carrier:  
Telegraphy (Morse code) F2A  
Telegraphy (Machine Code) F2B  
Facsimile F2C  
Remote Control F2D  
Packet Radio F2D

c. Single channel, analogue information:

Facsimile	F3C
Telephony	F3E
Television (image only)	F3F
Television (image and sound)	F8W

### A1.3.3 Emissions with Phase Modulation

a. Single channel, quantized or digital information, without use of a sub carrier:

Telegraphy (Morse code)	G1A
Telegraphy (Machine Code)	G1B
Facsimile	G1C
Remote Control	G1D

b. Single channel, quantized or digital information, with use of a sub carrier:

Telegraphy (Morse code)	G2A
Telegraphy (Machine Code)	G2B
Facsimile	G2C
Remote Control	G2D
Packet Radio	G2D

c. Single channel, analogue information:

Facsimile	G3C
Telephony	G3E
Television (image only)	G3F
Television (image and sound)	G8W

### A1.3.4 Emissions with Pulse Modulation

a. Single channel, quantized or digital information, without use of a sub carrier:

Telegraphy (Morse Code)	K1A
-------------------------	-----

b. Single channel, quantized or digital information, with use of a sub carrier:

Telegraphy (Morse Code)	K2A, L2A, M2A
-------------------------	---------------

c. Single channel, analogue information:

Telephony	K3E, L3E, M3E, Q3E
-----------	--------------------

### A1.3.5 Preferred Standards for Machine Generated Emissions

- a. **Telegraphy** (also if generated by hand) – the international Morse Code.
- b. **Teletype**
  - the international Telegraph Alphabet No. 2 with preferred speeds of 45.45, 50, 75 or 100 Baud
  - the international Telegraph Alphabet No. 5 (ASCII) with preferred speeds of 110, 150 or 300 Baud
  - the AMTOR or the PACTOR System with respect to ITU-R Recommendations M.476 or M.625
  - the Feld-Hell or Hellschreiber System
- c. **Television** – amplitude modulated Television Emissions as described in ITU-R Report 624.
- d. **Packet Radio** – using the AX-25 protocol, whereby all speeds are allowed as long as the bandwidth criteria is duly considered.
- e. **New developments** - any new standard may be used, provided the call sign of the transmitting station has to be given by use of telephony mode.

**A1.3.6 Maximum Bandwidth** – the bandwidth of any emission used shall always be as narrow as possible and shall in no case exceed the following values:

Frequency Range	Maximum Bandwidth
Below 30 MHz	7 kHz
30 – 300 MHz	40 kHz
300 – 3 000 MHz	1 MHz
above 3 000 MHz	10 MHz

## Annex-2

### Frequency Band Plan

#### A2.1 Frequency bands for Novice Class Authorization:

Band	Status (1)	Maximum ERP (2)	Notes
144 – 146 MHz	P	25 W	

#### A2.2 Frequency bands for Advance Class Authorization:

Band	Status (1)	Maximum ERP (2)	Notes
1 810 – 1 850 kHz	P	400 W	
3 500 – 3 800 kHz	S	100 W	
7 000 – 7 100 kHz	P	500 W	
7 100 – 7 200 kHz	P	500 W	
10 100 – 10 150 kHz	S	400 W	
14 000 – 14 350 kHz	P	500 W	
18 068 – 18 168 kHz	P	500 W	
21 000 – 21 450 kHz	P	500 W	
24 890 – 24 990 kHz	P	500 W	
28 000 – 29 700 kHz	P	1000 W	
144 – 146 MHz	P	100 W	
430 – 432 MHz	P	50 W	

#### A2.3 Frequency bands for Special Class Authorization:

Band	Status (1)	Maximum ERP (2)	Notes
1 810 – 1 850 kHz	P	400 W	
3 500 – 3 800 kHz	S	100 W	
7 000 – 7 100 kHz	P	500 W	AMSAT
7 100 – 7 200 kHz	P	500 W	
10 100 – 10 150 kHz	S	400 W	
14 000 – 14 350 kHz	P	1 000 W	
18 068 – 18 168 kHz	P	1 000 W	AMSAT

kHz			
21 000 – 21 450 kHz	P	1 000 W	AMSAT
24 890 – 24 990 kHz	P	1 000 W	AMSAT
28 000 – 29 700 kHz	P	1 000 W	AMSAT
70 – 70.5 MHz	S	100 W	
144 – 146 MHz	P	100 W	AMSAT
430 – 432 MHz	P	50 W	
438 – 440 MHz	S	10 W	
1.24 – 1.3 GHz	S	100 W	
10 – 10.5 GHz	S	100 W	
24 – 24.05 GHz	P	100 W	AMSAT
24.05 – 24.25 GHz	S	100 W	
47 – 47.2 GHz	P	500 W	AMSAT
76 – 77.5 GHz	S	100 W	AMSAT
77.5 – 78 GHz	P	100 W	AMSAT

Band	Status (1)	Maximum ERP (2)	Notes
78 – 81 GHz	S	100 W	AMSAT
122.25 – 123 GHz	S	100 W	
134 – 136 GHz	P	100 W	AMSAT
136 – 141 GHz	S	100 W	AMSAT
241 – 248 GHz	S	100 W	AMSAT
248 – 250 GHz	P	100 W	AMSAT

(1) Status:

P is Primary Service

S is Secondary Service: Not to cause harmful interference and not to claim protection

(2) Maximum ERP: Maximum effective radiated power which is transmitter power plus antenna gain. Maximum ERP allowed for any band depends on Class of Authorization.

**Notes:** AMSAT shows that these bands can also be used for Amateur satellite service.



## Annex-3

### Call Signs

**A3.1** The International Call Sign Series A6A-A6Z is allocated for radio stations in the UAE. Call Signs for Amateur Stations are created by A6 followed by an additional number (0 – 9) for the series as follows:

Series	Category
A60:	Participation at events
A61:	For UAE Nationals having Advance Class Authorization
A62:	Emirates Amateur Radio Society and Special Class
A63:	For use by Groups at locations like islands
A64:	Reserve
A65:	Expatriates and visitors
A66:	Prominent personalities (VIP)
A67:	For UAE Nationals having Novice Class Authorization
A68:	Repeaters, Beacons, Machines and Satellite
A69:	Reserve

**A3.1** The Call sign series will be followed by one to three letters as the suffix to make Call Sign.

**A3.1.1 Call Signs with one letter in the suffix** – These Call Signs for Special Class Amateur Authorization will be allocated by the TRA as appropriate (A60A – A69Z).

**A3.1.2 Call Signs with two or three letters in the suffix** – These Call Signs for Special Class Amateur Authorization will be allocated with a view to avoid the letters QAA – QZZ, XXX and SOS as already used for other international specific radio services (A60AAA – A69ZZZ with exceptions mentioned before and for two letters like A60AA – A69ZZ).

**A3.1.3 Choice of a Call Sign** – any applicant may suggest a Call Sign of his own choice according to the rules set out above. However, the decision of the TRA shall be final in this regard.

**A3.1.4 Reissue of expired Call Signs** – Call Signs of expired or cancelled Authorizations may be re-issued after three months.

**A3.1.5 Expatriate and Visitor Call Signs** – The visiting Amateurs operating in the UAE under a bilateral agreement have to use their own call sign in full (issued by their native country) with a preceding A65 (A65 followed by Call sign).

**A3.1.6 Special Call Signs** – The TRA may issue Call Signs include 2 to 4 letters in the prefix on demand when the last box is one letter only.