

**EASTERN CARIBBEAN TELECOMMUNICATIONS AUTHORITY
(ECTEL)**

CONSULTATION DOCUMENT

LICENSING OF RADIO AMATEURS

1. INTRODUCTION

ECTEL has prepared this consultation document to solicit views on the licensing regime governing Amateur Radio operations. Previous consultations had been held on this subject and the comments received from these consultations have been used to develop a proposed revised Licensing Regime for Radio Amateurs. The proposed revised Licensing Regime is the focus of this consultation document.

The consultation will run from May 26th 2008 to June 23rd 2008 after which a revised Amateur Radio Licence will be proposed for adoption in the ECTEL Member States.

The attached Consultation Paper provides the background to the proposed changes and the rationale for the changes made. However, the focus is on the revision of the Amateur Radio Licences and reference is also made to changes to be incorporated in the revised Regional Spectrum Plan.

2. CONSULTATION PROCEDURE AND TIMETABLE

ECTEL hereby requests the Commission to conduct a limited consultation of four weeks on the Licensing regime for Radio Amateurs Operators in accordance with the procedure and timetable outlined below.

The consultation could be limited to the NTRCs and Radio Amateur fraternity but could also, at the Commission's discretion, include other entities directly affected by this proposal.

NTRCs are asked to note that the consultation is for a limited period because this matter has previously been the subject of extensive consultations. Also, a “comments on comments” period is not considered to be necessary.

The consultation period will run from May 26th 2008 and comments should be submitted in writing before 4:30 pm on June 23rd 2008 to:-

The Managing Director
ECTEL
P.O. Box 1886
Vide Boutielle,
Castries
St. Lucia
Facsimile: 1 758 -458 -1698
E-mail: consultation@ectel.int

All comments should be clearly marked “**Consultation Document on Licensing of Radio Amateurs**”

Disclaimer

This consultative document does not constitute legal, commercial or technical advice. The consultation is without prejudice to the legal position of ECTEL's duties to provide advice and recommendations to the Ministers with responsibility for telecommunications and the National Telecommunications Regulatory Commissions.

LICENSING OF RADIO AMATEURS

1. INTRODUCTION

Amateur Radio is a hobby enjoyed by over six million persons worldwide. The Amateur Radio operator also known as a “ham” or “radio amateur” uses various types of radio equipment to communicate with other radio amateurs for public service, recreation and self training. They have personal wireless communications with other operators and often support their communities with emergency and disaster communications while increasing their personal knowledge of electronics and radio communications theory.

In the ECTEL Member States the Amateur Radio operators are regulated under the Telecommunications (Licensing and Authorization) Regulations where they are categorized as Class Type B Licensees. Applicants for an Amateur Radio Licence must do so on an approved form with the enclosed application fee of EC \$25. The application must be accompanied by two passport size photos and documentary evidence that the applicant has passed the Amateur Radio Examinations. The Amateur Radio Licence has two parts: these are the operator licence and the station licence with the approved operating equipment.

2.0 AMATEUR RADIO OPERATORS’ CONCERNS

The Amateur Radio operators have raised concerns regarding their conditions of licensing and these can be categorized in three (3) areas:

1. General considerations;
2. Licensing arrangements; and
3. Spectrum allocations.

2.1 GENERAL CONSIDERATIONS

Recognition: The Amateur Radio operators have indicated that, in general, they are of the view that the service rendered to their communities do not receive due recognition and this is reflected in the treatment they receive from the authorities. The view is that the regulators could assist in facilitating them with special consideration.

Customs duty concessions: In recognition of their community service especially during disasters, they request that the regulators assist in ensuring that the licensed Amateur Radio operators receive duty waivers and concessions on the importation of their amateur radio equipment.

Special licence: The Amateurs request that in addition to their regular paper licence document, they be facilitated with the issuance of a laminated credit card size supplementary licence with a photo included.

Disaster Management: The Amateur Radio operators have also asked that consideration be given to facilitating their role in Disaster Preparedness, Management and Response.

Reciprocal arrangements: The request is for the formalization of reciprocal arrangements with other selected countries for the locally licensed operators to receive operating privileges when they visit other “signatory” countries with similar privileges reciprocated to visiting amateur radio operators.

2. 2 LICENSING ARRANGEMENTS

The current licences are for one year. In order to facilitate the issuance of the supplementary licence, it is suggested that the licence could be valid for three years. This would allow for the laminated credit-card size licence to be used for a three year period. The supplementary licence would receive its legal authority by reference from the “paper” licence.

The Amateur Radio examination is another issue. The Regulations require documentary proof of having successfully completed the examination but make no reference to the examination process. Also, there are no established procedures that indicate who:

- prepares the curriculum,
- sets the examination,
- evaluates the responses,

- certifies the results and
- issues the passing grades.

2.3 SPECTRUM ALLOCATION

The Amateurs continue to argue for additional spectrum allocations for Amateur Radio albeit on a secondary basis. The specific allocations requested are:

- 10 100 - 10 150 kHz
- 5 250 - 5 450 kHz (60 meter band to be “channelized”)
- 432 – 450 MHz
- 1 240 – 1 300 MHz
- 2 300 – 2 310 MHz
- 2 390 – 2 450 MHz
- 3 300 - 3 500 MHz
- 5 650 – 5 925 MHz

The assignment of special blocks of frequencies for training purposes and emergency communication could also be considered.

3.0 ECTEL POSITION ON AMATEUR RADIO OPERATORS’ CONCERNS

3.1 ECTEL position on General issues

The requests from the Ham operators are well intentioned and can be justified, but they do not all fall within the purview of the regulatory framework at this time. ECTEL, however, can assist in providing advice, where appropriate, while addressing the issues directly under its control.

The issue of recognition is the direct responsibility of the Amateur fraternity. It is for them to develop a formal, well organized body that would allow the regulators to accord them a measure of self regulation and provide the operators with representation before competent authorities on matters such as the request for duty free concessions. In providing

community service, carrying out training exercises and emphasizing their objective of self training and their theory and practice of radio and its operations, the recognition and treatment they are requesting will follow.

Concessions on customs duties are matters for the Ministries of Finance. In most jurisdictions, in recognition of their community service especially during disasters and in light of their volunteer not-for-profit service the licensed amateur radio operators receive concessions on duty for the import of radio equipment. This can best be achieved through representation by an organised body with the possible support of the regulators.

The request for additional spectrum will be reviewed by ECTEL and could result in the assignment of blocks of frequencies for training purposes and emergency communication. The review will determine the most appropriate blocks from the available spectrum while taking account of the other requirements for the efficient management of the spectrum resource.

The use of the credit-card size type of licence with photo is a good idea that could be supported by ECTEL but the mechanisms of this would have to be worked out with the Amateurs. There will be a cost associated with the issuance of the licence in this form and the present \$25 EC application fee may have to be reviewed so that the Commission can cover this additional cost. This “licence” could be covered under the regulations as a licence form and would be useful for identification of the Ham operators during and in the aftermath of disasters or for reciprocal operating arrangements.

The amateurs would need to specify exactly the type and form of assistance that they are requesting for facilitating their role in Disaster Management and Response. There is an International Convention for Disaster Management and Response, The Tampere Convention. However, none of the ECTEL Member States are signatories to this Convention.

Reciprocal arrangements are generally between States, and are therefore the responsibility of the Ministries of Foreign Affairs or External Relations. The operators may have to pursue this matter directly with these Government agencies. ECTEL could assist in the preparation of the templates for such agreements. There are other regional and international agreements to address this issue and a better approach would be to seek accession to these Treaties or Conventions rather than a country by country basis. In any event, the Amateurs are mainly concerned with Canada, the United States and the United Kingdom.

The adoption of the International Amateur Radio Permit (IARP) through the Inter-American Convention on IARP, would address the issue of reciprocal arrangements with the Americas and there is consideration for such a permit to be adopted on a worldwide basis. The related issue however would be the examination and accreditation of the operators in the ECTEL Region.

3.2 ECTEL position on Licensing arrangements

The validity of the Amateur Radio Licence could be extended to three years. This would make the issuance of the “supplementary” credit-card size licence a more feasible proposition if this was to be done every three years rather than every year. Mechanisms would have to be developed to allow for the regular update of the Licences in respect of the equipment used by the operators.

The Amateur Radio examination process has to be examined by ECTEL, as the validity of the Amateur Radio Licence is contingent on documentary proof of having successfully completed the examination.

ECTEL in conjunction with the Amateur Radio Clubs could prepare the curriculum. In doing so, reference could be made to the International Telecommunications Union recommendations as to what should be included in the Amateur Radio examination and the existing curriculum for the American Amateur Radio League, City and Guilds and other relevant bodies.

The Amateur Radio operators should be encouraged to be self regulating and once the curriculum is set and a pool of questions for examinations established, they should be allowed to conduct the training sessions, carry out the examinations and provide the results to the NTRCs. The role of the NTRC should be limited to providing assistance in training if requested and invigilating at the examinations. The NTRC would then certify the results and use it as the basis for issuing the licences.

The Amateur Radio operators of St. Lucia in conjunction with the NTRC have prepared a detailed manual for the operation of Amateur Radio Operators and the manual addresses the licensing issue. This document could be reviewed for adoption region wide.

3.3 ECTEL Position on Spectrum Allocation

ECTEL propose to review the ECTEL Regional Radio Spectrum Plan. Some of the specific allocations have already been granted and some of the others can be granted on a secondary basis considering the low usage in these bands and the absence of any other requests. Definitive positions will however await the results of revision of the ECTEL Regional Spectrum Plan.

The allocation 10 100 - 10 150 kHz is already in the Spectrum Plan, as are the bands 1 240 – 1 300 MHz and 2 300 – 2 310 MHz. The band 432 – 450 MHz should really be 432 MHz – 440 MHz and is already allocated in the Plan. The band 2 390 – 2450 referred to by the Amateurs in Region II should be 2 300 – 2 450 and is already in the ECTEL Regional Spectrum Plan. The band 3 300 - 3 500 MHz in Region II is split in two parts 3 300 - 3 400 MHz and 3 400- 3 500 MHz and the portion 3 400 – 3 500 MHz is already in the Plan. The band 5 650 – 5 925 MHz was omitted from the Plan but an allocation of 5 650 – 5790 MHz is to be made when the ECTEL Regional Spectrum Plan is reviewed.

The 5 250 - 5 450 kHz, 60 meter band was not included in the ECTEL Regional Spectrum Plan but will be considered in the review. Specifically, the application for channelization in the 60 meter band 5 250 - 5 450 kHz is not recommended. The channelization used in the USA and the UK is a result of the high usage in these jurisdictions and done so on a trial

basis. The time period for which is soon to expire. It would be preferable to assign on a secondary basis without channels. This would give the Amateurs the ability to communicate with the amateurs in the USA and UK on any “channel’ they desire.

4.0 PROPOSED ACTIONS

The views of the respondents to previous consultation on the issue have been considered and in addressing the concerns ECTEL proposes as follows:

- (i) Revision of the Radio Amateur Licence;
- (ii) Review, and amendment if necessary, of the Regional Spectrum Plan;
- (iii) Preparation of a MOU that will facilitate the reciprocal recognition of Radio Amateur licences between the ECTEL Member States.

4.1 Revision of the Radio Amateur Licence

In the revised version of the Radio Amateur Licence which is attached to this Consultation Document, ECTEL has revised the definition of “Amateur Radio Operators” to the International Telecommunications Union (ITU) definition of “Radio Amateurs” to emphasize that the operators are also skilled technical individuals. It should be noted that while ECTEL accepts the need for this change in nomenclature the name of this licence itself remains unchanged due to the fact that the Telecommunications (Licensing and Authorization) Regulations makes reference to a “Amateur Radio Licence”. The difference in nomenclature would be rectified if and when these Regulations are amended.

A provision to cater for adherence to the general principles of existing conventions on the provision of telecommunications services during disasters was also included. The provision is a generic one which avoids specific reference to Conventions like the Tampere Convention, acknowledging that none of the ECTEL Member States have acceded to such conventions. Therefore, the licence could not place any obligation on the licensee, which is stipulated by a Convention or Treaty that is not enforceable in the State.

The licence now includes a single page certificate and reference to an option for a licence which would be approximately the size of a credit card. The proposal is to provide the

licensee with the option to pay the administrative charges associated with the production of this smaller sized licence.

The licence is now a one part licence, which licenses the operator and integrates the equipment he uses as an attachment to the licence. Additionally, the licence now has three-year duration.

The licence is to be issued to the applicant on submission of proof that he has passed the appropriate examination for the licence being applied for.

4.2 Revision of Spectrum Allocation

ECTEL is currently reviewing the Regional Spectrum Plan and will allocate sub-bands for the operations of the Radio Amateurs. This review will incorporate the suggestions from previous consultations and address the specific considerations for allocation of frequencies for disaster management.

4.3 Reciprocal Licensing Arrangements

ECTEL intends to draft a Memorandum of Understanding (MOU) on the recognition of Amateur Radio Licences among ECTEL Member States, for the consideration of Member States. The aim of the MOU is to provide for Amateur Radio Licenses issued in an ECTEL Member State to be recognised by other Member States.

While recognising the importance of reciprocal arrangements for Radio Amateurs and the desire to have Amateur Radio Licences issued in the ECTEL Member States recognized in other jurisdictions, this is not properly the responsibility of the telecommunications regulatory authorities.

5.0 CONCLUSION

ECTEL is soliciting the views of all concerned on the proposed changes to the Radio Amateur Licences, the development of an intra-ECTEL MOU for reciprocal Licence

recognition and proposals for the revision of the Regional Spectrum plan where appropriate.

AMATEUR RADIO NOVICE LICENCE

**GRANTED BY THE MINISTER UNDER THE
TELECOMMUNICATIONS ACT No... of
200[-]**

TO

[AMATEUR]

FOR THE

**OPERATION AS A
RADIO AMATEUR**

IN

[ECTEL Member State]

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AMATEUR RADIO NOVICE LICENCE

THE MINISTER in accordance with the Telecommunications Act No [-] of 200[-], and acting upon the recommendation of the Commission, hereby grants this Licence to [Name of Amateur] (hereinafter referred to as the Licensee) to establish and operate an amateur radio station within [ECTEL Member State] as specified herein.

PART I - LICENCE

1. LICENCE

1.1 This Licence shall be known as the Amateur Radio Novice Licence # [-] of 200[-].

2. INTERPRETATION

2.1 In this Licence:

“**Act**” means the Telecommunication Act 2000 and Regulations made thereunder;

“**Amateur**” means any person who is the holder of a valid radio amateur novice licence;

“**Amateur radio station**” means transmitting and receiving equipment for amateur service;

“**Amateur service**” means a radiocommunications service which purpose is self training, intercommunication and technical study by amateurs with interest in radio technique and technologies on a non-pecuniary basis;

“**Annual Licence Fee**” means the fee payable by the Licensee on each anniversary of the Effective Date;

“**Commission**” means the National Telecommunications Regulatory Commission established by section [-] of the Act;

“**Effective Date**” means the date of the licence;

“**Government**” means the Government of [ECTEL Member State];

“**Licence**” means this Licence together with the Annexes or the detachable short form version in Annex D which shall be in the format of a laminated card (dimensions 8½ cm x 5½ cm);

“**Licence Term**” means three years from the Effective Date;

“**Licensed Area**” means the territory of [ECTEL Member State];

“**Licensee**” means the holder of this Licence;

“**Mobile station**” means a radio station intended to be used while in motion and during temporary stops;

“**Novice**” means a radio amateur who uses a two-way radio to communicate with other radio amateurs for public service, recreation, technical investigations and self improvement in the specified bands for novice amateurs with the specified power limitations;

“**Order**” means an order issued by the Minister under the Act;

“**Regional Spectrum Plan**” means the spectrum plan to be developed by ECTEL in accordance with the Treaty;

“**Regulations**” means regulations issued by the Minister pursuant to Section [-] of the Act;

“**Renewal Fee**” means a fee payable by the Licensee on the renewal of this Licence;

“**A repeater**” means an amateur radio station which simultaneously retransmits the transmission of another amateur radio station on a different frequency;

“**Treaty**” means the Treaty that established the Eastern Caribbean Telecommunications Authority signed in St. George’s Grenada on 4th May 2000 and includes that Treaty as amended from time to time.

2.2 Any word, phrase or expression used in the Licence shall, unless the context requires otherwise, have the same meaning as it has in the Act.

2.3 Words importing the singular shall include the plural and vice versa.

3. SCOPE

3.1 The Licensee is authorised to establish or operate an amateur radio station in accordance with the terms and conditions of this Licence.

4. PRECONDITION

4.1 The licensee shall present proof to the Commission that he has passed the qualifying examination prior to the grant of this licence.

4.2 This licence is prima facie evidence that the licensee has passed the qualifying examination accredited by the Commission and therefore meets the criteria to hold this licence.

4.3 The rights of [Name of Amateur] set out herein shall not take effect until [Name of Amateur] pays the relevant fees set out in the Act.

5. DURATION AND RENEWAL

5.1 This Licence is granted from the Effective Date for the Licence term.

5.2 The Minister shall renew the Licence upon request by the Licensee for an additional period to be determined by the Minister, upon the expiration of the Licence Term provided that none of the provisions of Section [-] of the Act would cause the Minister to refuse a request for renewal.

5.3 Where the Licensee wishes to renew the Licence, the Licensee shall apply to the Minister in writing one (1) year prior to the expiry date of the Licence or at a later date if the Minister so determines.

5.4 On granting a renewal of the Licence, the Minister may vary the terms of the Licence if the conditions then prevailing require such variation and it is reasonable to do so.

5.5 The provisions of Section [-] of the Act relating to suspension, revocation, etc. shall apply *mutatis mutandis* to the renewal of a Licence.

5.6 Renewal of the Licence shall not take effect until the Licensee has paid the Renewal Fee and any other fees owed under the Licence.

6. MODIFICATION, SUSPENSION AND REVOCATION

6.1 This Licence is subject to modification, revocation, suspension and variation according to Sections [-] of the Act.

- 6.2 In deciding whether to agree to an amendment proposed by the Licensee, the Minister shall give due consideration to any submissions received from the Licensee and other interested parties in relation to the proposed amendment.

PART II - LICENCE CONDITIONS

1. LICENCE FEES AND MONIES OWED

- 1.1 The Licensee shall pay all fees prescribed under the Act.

2. EMERGENCIES

- 2.1 In the case of a natural disaster the Licensee shall provide access to emergency services by means of the amateur radio station.
- 2.2 In the event of hurricanes, earthquakes, floods and similar emergencies, the Minister may require the Licensee to provide, free of charge, to the Government or to such other institutions or Persons such Telecommunications Services as the Minister shall reasonably determine are necessary in the public interest.
- 2.3 In cases of emergency not otherwise provided for under this licence, the licensee shall use his amateur radio station to transmit urgent messages concerning the safeguard of human life, cases of serious accidents and natural calamities.
- 2.4 Throughout the emergency situations, the transmission of messages shall be done on the assigned frequencies of the amateur bands designated for that purpose and established in the Regional Spectrum Plan.
- 2.5 In the cases of natural disasters and emergencies, the Licensee shall be guided by the principles enunciated in conventions on the provision of telecommunications resources for disaster mitigation and relief operations, in particular, the terms and conditions set out in Annex A to this licence.

3. FREQUENCY

- 3.1 The Licensee shall operate in the assigned Bands in accordance with the Regional Spectrum Plan.
- 3.2 The Licensee shall operate the frequency bands set out in Annex B hereof only in cases of emergency or natural disaster.

- 3.3 The Licensee shall operate the amateur radio station in accordance with designated frequencies in MHz, modes of operation and power limits.
- 3.4 Nothing in this Licence empowers the Licensee to use a frequency that has not been granted in accordance with the Act.

4. CONDITIONS

- 4.1. The Licensee may operate in bands 3.5-4 MHz, 7.0-7.3 MHz, 28.0-29.7 MHz and 144.0-148.0 MHz with a power limitation of 50 Watts.
- 4.2 The licensee is liable for any violation caused by failing to meet technical safety standards.
- 4.3 The Licensee shall comply with the technical requirements established by this licence.
- 4.4 The Licensee may apply to the Commission for a short form of the licence upon paying an administrative fee to cover the cost of issuing the licence in the short form.

5. PROHIBITIONS

- 5.1 The licensee shall not modify the equipment of artisanal or industrial production which is part of his station so that it performs outside of these licence conditions.
- 5.2 The licensee shall not allow the use of his station by any unlicensed operator without his supervision and shall be liable for any breach of this licence committed by the unlicensed operator.
- 5.3 The licensee shall not forge any of the features or indications recorded on it.
- 5.4 This licence is nontransferable.
- 5.5 The Licensee is forbidden from:
 - a) Using the amateur stations for illicit ends;
 - b) Transmitting false call signs or identity signals;
 - c) Intentionally interfering in the communications of other amateur stations, or any other radiocommunications services;
 - d) Transmitting false alarm signals;
 - e) Transmitting words or expressions grossly offensive to good morals or good manners;
- 5.6 If the Licensee fails to comply with any term or condition of this Licence, the Licensee shall be in breach of this Licence.

6. INFORMATION REQUIREMENTS

6.1 The Licensee shall provide the Minister, the Commission and ECTEL, with any relevant agreements (technical and other information reasonably required to enable the Minister, the Commission and ECTEL to carry on their functions under the Act in the manner and at the times that the Minister, the Commission and ECTEL may request.

7. COMPLIANCE

7.1 The Licensee shall comply with all applicable Acts, Regulations, Directions and Orders issued by the Minister and the Commission.

.....
Minister of Telecommunications

ANNEX A

1. The licensee may, upon request for telecommunication assistance, provide telecommunication assistance, pursuant to the laws to which it is subject, to requesting States Parties of the Tampere Convention pursuant to Article 4 of the Convention.
2. In providing assistance, the licensee is subject to the national law of [ECTEL Member State] which gives the Government the right to direct, control, coordinate and supervise the telecommunication assistance.

ANNEX B

FREQUENCY TECHNICAL PARAMATERS AND SPECIFICATIONS

Licence Number	
Class	NOVICE
Call Sign	
Frequency Bands. (MHz)	3.5-4.0
	7.0-7.3
	28.0-29.7
	144.0-148.0

BASE STATION	1	2
Equipment Make		
Equipment Model		
Serial number		
Tx Site name		
Tx Co-ordinates (Lat)		
(Long)		
Rx site name		
Rx Co-ordinates (Lat)		
(Long)		
Tx Power (dBm)	50W	50W
Bandwidth (MHz)		
Antenna Gain (dBi)		
Polarization		
REPEATER	1	2

Equipment Make		
Equipment Model		
Serial number		
Tx Site name		
Tx Co-ordinates (Lat)		
(Long)		
Rx site name		
Rx Co-ordinates (Lat)		
(Long)		
Tx Power (dBm)	50W	50W
Bandwidth (MHz)		
Antenna Gain (dBi)		
Polarization		
MOBILE	1	2
Equipment Make		
Equipment Model		
Serial number		
General area of use		
Tx Power (dBm)	50W	50W
Bandwidth (MHz)		
Antenna Gain (dBi)		
Polarization		
PORTABLE/HANDHELD	1	2
Equipment Make		
Equipment Model		
Serial number		
General area of use		
Tx Power (dBm)	50W	50W
Bandwidth (MHz)		
Antenna Gain (dBi)		
Polarization		

ANNEX C

LICENCE CERTIFICATE

AMATEUR RADIO STATION LICENCE

Name of Licence Holder _____

Licence No:

Period of Validity from _____ to _____

Registration number:

Address of the Station:


Class of Licence issued:

Call Sign:

ANNEX D

SHORT FORM OF LICENCE

AMATEUR RADIO STATION LICENCE

	[Court of Arms] [Country]
	Name
	Address
	Address of Station
Class of Licence	Call Sign
Licence Number	Registration Number
Issue Date	Expiry Date
Signature of Licence	Signature of Minister

AMATEUR RADIO GENERAL LICENCE

**GRANTED BY THE MINISTER UNDER THE
TELECOMMUNICATIONS ACT No... of
200[-]**

TO

[AMATEUR]

FOR THE

**ESTABLISHMENT OF AN AMATEUR RADIO STATION AND/OR
OPERATION AS A
RADIO AMATEUR**

IN

[ECTEL Member State]

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AMATEUR RADIO GENERAL LICENCE

THE MINISTER in accordance with the Telecommunications Act No..... of 2000, and acting upon the recommendation of the Commission, hereby grants this Licence to [Name of Amateur] (hereinafter referred to as the Licensee) to establish and operate an amateur radio station within [ECTEL Member State] as specified herein.

PART I - LICENCE

1. LICENCE

1.1 This Licence shall be known as the Amateur Radio General Licence # [-] of 200[-].

2. INTERPRETATION

2.1 In this Licence:

“Act” means the Telecommunication Act 200[-] and Regulations made thereunder;

“Amateur” means any person who is the holder of a valid radio amateur general licence;

“Amateur radio station” means transmitting and receiving equipment for amateur service;

“Amateur service” means a radiocommunications service which purpose is self training, intercommunication and technical study by amateurs with interest in radio technique and technologies on a non-pecuniary basis;

“Annual Licence Fee” means the fee payable by the Licensee on each anniversary of the Effective Date;

“Commission” means the National Telecommunications Regulatory Commission established by section [-] of the Act;

“Effective Date” means the date of the licence;

“General Amateur” means a radio amateur who uses a two-way radio to communicate with other radio amateurs for public service, recreation, technical

investigations and self improvement in the specified bands for general amateurs with the specified power limitations;

“Government” means the Government of [ECTEL Member State];

“Licence” means this Licence together with the Annexes or the detachable short form version in Annex D which shall be in the format of a laminated card (dimensions 8½ cm x 5½ cm);

“Licence Term” means three years from the Effective Date;

“Licensed Area” means the territory of [ECTEL Member State];

“Licensee” means the holder of this Licence;

“Mobile station” means a radio station intended to be used while in motion and during temporary stops;

“Order” means an order issued by the Minister under the Act;

“Regional Spectrum Plan” means the spectrum plan to be developed by ECTEL in accordance with the Treaty;

“Regulations” means regulations issued by the Minister pursuant to Section [-] of the Act;

“Renewal Fee” means a fee payable by the Licensee on the renewal of this Licence;

“A repeater” means an amateur radio station which simultaneously retransmits the transmission of another amateur radio station on a different frequency;

“Treaty” means the Treaty that established the Eastern Caribbean Telecommunications Authority signed in St. George’s Grenada on 4th May 2000 and includes that Treaty as amended from time to time.

2.2 Any word, phrase or expression used in the Licence shall, unless the context requires otherwise, have the same meaning as it has in the Act.

2.3 Words importing the singular shall include the plural and vice versa.

3. SCOPE

3.1 The Licensee is authorised to establish or operate an amateur radio station in accordance with the terms and conditions of this Licence.

4. PRECONDITION

4.1 The licensee shall present proof to the Commission that he has passed the qualifying examination prior to the grant of this licence.

4.2 This licence is prima facie evidence that the licensee has passed the qualifying examination accredited by the Commission and therefore meets the criteria to hold this licence.

4.3 The rights of [Name of Amateur] set out herein shall not take effect until [Name of Amateur] pays the relevant fees set out in the Act.

5. DURATION AND RENEWAL

5.1 This Licence is granted from the Effective Date for the Licence term.

5.2 The Minister shall renew the Licence upon request by the Licensee for an additional period to be determined by the Minister, upon the expiration of the Licence Term provided that none of the provisions of Section [-] of the Act would cause the Minister to refuse a request for renewal.

5.3 Where the Licensee wishes to renew the Licence, the Licensee shall apply to the Minister in writing one (1) year prior to the expiry date of the Licence or at a later date if the Minister so determines.

5.4 On granting a renewal of the Licence, the Minister may vary the terms of the Licence if the conditions then prevailing require such variation and it is reasonable to do so.

5.5 The provisions of Section [-] of the Act relating to suspension, revocation, etc. shall apply *mutatis mutandis* to the renewal of a Licence.

5.6 Renewal of the Licence shall not take effect until the Licensee has paid the Renewal Fee and any other fees owed under the Licence.

6. MODIFICATION, SUSPENSION AND REVOCATION

6.1 This Licence is subject to modification, revocation, suspension and variation according to Sections [-] of the Act.

- 6.2 In deciding whether to agree to an amendment proposed by the Licensee, the Minister shall give due consideration to any submissions received from the Licensee and other interested parties in relation to the proposed amendment

PART II - LICENCE CONDITIONS

1. LICENCE FEES AND MONIES OWED

- 1.1 The Licensee shall pay all fees prescribed under the Act.

2. EMERGENCIES

- 2.1 In the case of a natural disaster the Licensee shall provide access to emergency services by means of the amateur radio station.
- 2.2 In the event of hurricanes, earthquakes, floods and similar emergencies, the Minister may require the Licensee to provide, free of charge, to the Government or to such other institutions or Persons such Telecommunications Services as the Minister shall reasonably determine are necessary in the public interest.
- 2.3 In cases of emergency not otherwise provided for under this licence, the licensee shall use his amateur radio station to transmit urgent messages concerning the safeguard of human life, cases of serious accidents and natural calamities.
- 2.4 Throughout the emergency situations, the transmission of messages shall be done on the assigned frequencies of the amateur bands designated for that purpose and established in the Regional Spectrum Plan.
- 2.5 In the cases of natural disasters and emergencies, the Licensee shall be guided by the principles enunciated in conventions on the provision of telecommunications resources for disaster mitigation and relief operations, in particular, the terms and conditions set out in Annex A to this licence.

3. FREQUENCY

- 3.1 The Licensee shall operate in the assigned in accordance with the Regional Spectrum Plan.
- 3.2 The Licensee shall operate the frequency bands set out in Annex B hereof only in cases of emergency or natural disaster.
- 3.3 The Licensee shall operate the amateur radio station in accordance with designated frequencies in MHz, modes of operation and power limits.

3.4 Nothing in this Licence empowers the Licensee to use a frequency that has not been granted in accordance with the Act.

4. CONDITIONS

- 4.1 The Licensee may operate in 3.5-4 MHz, 7.0-7.3 MHz, 28.0-29.7 MHz and 144.0-148.0 MHz-14.35 MHz, 21-21.45 MHz with a power limitation of 50 Watts.
- 4.2 The licensee is liable for any violation caused by failing to meet technical safety standards.
- 4.3 The Licensee shall comply with the technical requirements established by this licence.
- 4.4 The Licensee may apply to the Commission for a short form off the licence upon paying an administrative fee to cover the cost of issuing the licence in the short form.

5. PROHIBITIONS

- 5.1 The licensee shall not modify the equipment of artisanal or industrial production which is part of his station so that it performs outside of these licence conditions.
- 5.2 The licensee shall not allow the use of his station by any unlicensed operator without his supervision and shall be liable for any breach of this licence committed by the unlicensed operator.
- 5.3 The licensee shall not forge any of the features or indications recorded on it.
- 5.4 This licence is nontransferable.
- 5.5 The Licensee is forbidden from:
 - a) Using the amateur stations for illicit ends;
 - b) Transmitting false call signs or identity signals;
 - c) Intentionally interfering in the communications of other amateur stations, or any other radiocommunications services;
 - d) Transmitting false alarm signals;
 - e) Transmitting words or expressions grossly offensive to good morals or good manners;
- 5.6 If the Licensee fails to comply with any term or condition of this Licence, the Licensee shall be in breach of this Licence.

6. INFORMATION REQUIREMENTS

6.1 The Licensee shall provide the Minister, the Commission and ECTEL, with any relevant agreements (technical and other information reasonably required to enable the Minister, the Commission and ECTEL to carry on their functions under the Act in the manner and at the times that the Minister, the Commission and ECTEL may request.

7. COMPLIANCE

7.1 The Licensee shall comply with all applicable Acts, Regulations, Directions and Orders issued by the Minister and the Commission.

.....
Minister of Telecommunications

ANNEX A

- 1 The licensee may, upon request for telecommunication assistance, provide telecommunication assistance, pursuant to the laws to which it is subject, to requesting States Parties of the Tampere Convention pursuant to Article 4 of the Convention.

- 1 In providing assistance, the licensee is subject to the national law of [ECTEL Member State] which gives the Government the right to direct, control, coordinate and supervise the telecommunication assistance.

ANNEX B

FREQUENCY TECHNICAL PARAMATERS AND SPECIFICATIONS

Licence Number	
Class	
Call Sign	
Frequency Bands. (MHz)	

BASE STATION	1	2
Equipment Make		
Equipment Model		
Serial number		
Tx Site name		
Tx Co-ordinates (Lat)		
(Long)		
Rx site name		
Rx Co-ordinates (Lat)		
(Long)		
Tx Power (dBm)		
Bandwidth (MHz)		
Antenna Gain (dBi)		
Polarization		
REPEATER	1	2

Equipment Make		
Equipment Model		
Serial number		
Tx Site name		
Tx Co-ordinates (Lat)		
(Long)		
Rx site name		
Rx Co-ordinates (Lat)		
(Long)		
Tx Power (dBm)		
Bandwidth (MHz)		
Antenna Gain (dBi)		
Polarization		
MOBILE	1	2
Equipment Make		
Equipment Model		
Serial number		
General area of use		
Tx Power (dBm)		
Bandwidth (MHz)		
Antenna Gain (dBi)		
Polarization		
PORTABLE/HANDHELD	1	2
Equipment Make		
Equipment Model		
Serial number		
General area of use		
Tx Power (dBm)		
Bandwidth (MHz)		
Antenna Gain (dBi)		
Polarization		

ANNEX C

LICENCE CERTIFICATE

AMATEUR RADIO STATION LICENCE

Name of Licence Holder _____

Licence No:

Period of Validity from _____ to _____

Registration number

Address of the Station


Class of Licence issued

Call Sign

ANNEX D

SHORT FORM OF LICENCE

AMATEUR RADIO STATION LICENCE

	[Court of Arms] [Country]
	Name
	Address
	Address of Station
Class of Licence	Call Sign
Licence Number	Registration Number
Issue Date	Expiry Date
Signature of Licence	Signature of Minister

AMATEUR RADIO ADVANCED LICENCE

**GRANTED BY THE MINISTER UNDER THE
TELECOMMUNICATIONS ACT No... of
200[-]**

TO

[AMATEUR]

FOR THE

**ESTABLISHMENT OF AN AMATEUR RADIO STATION AND/OR
OPERATION AS A
RADIO AMATEUR**

IN

[ECTEL Member State]

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AMATEUR RADIO ADVANCED LICENCE

THE MINISTER in accordance with the Telecommunications Act No.[-] of 200[-], and acting upon the recommendation of the Commission, hereby grants this Licence to [Name of Amateur] (hereinafter referred to as the Licensee) to establish and operate an amateur radio station within [ECTEL Member State] as specified herein.

PART I - LICENCE

1.1 This Licence shall be known as the Amateur Radio Advanced Licence # [-] of 200[-].

2. INTERPRETATION

2.1 In this Licence:

“Act” means the Telecommunication Act 200[-] and Regulations made thereunder;

“Advanced amateur” means a radio amateur who uses a two-way radio to communicate with other radio amateurs for public service, recreation, technical investigations and self improvement in the specified bands for advanced amateurs with the specified power limitations;

“Amateur” means any person who is the holder of a valid radio amateur advanced licence;

“Amateur radio station” means transmitting and receiving equipment for amateur service;

“Amateur service” means a radiocommunications service which purpose is self training, intercommunication and technical study by amateurs with interest in radio technique and technologies on a non-pecuniary basis;

“Annual Licence Fee” means the fee payable by the Licensee on each anniversary of the Effective Date;

“Commission” means the National Telecommunications Regulatory Commission established by section [-] of the Act;

“Effective Date” means the date of the licence;

“Government” means the Government of [ECTEL Member State];

“Licence” means this Licence together with the Annexes or the detachable short form version in Annex D which shall be in the format of a laminated card (dimensions 8½ cm x 5½ cm);

“Licence Term” means three years from the Effective Date;

“Licensed Area” means the territory of [ECTEL Member State];

“Licensee” means the holder of this Licence;

“Mobile station” means a radio station intended to be used while in motion and during temporary stops;

“Order” means an order issued by the Minister under the Act;

“Regional Spectrum Plan” means the spectrum plan to be developed by ECTEL in accordance with the Treaty;

“Regulations” means regulations issued by the Minister pursuant to Section [-] of the Act;

“Renewal Fee” means a fee payable by the Licensee on the renewal of this Licence;

“A repeater” means an amateur radio station which simultaneously retransmits the transmission of another amateur radio station on a different frequency;

“Treaty” means the Treaty that established the Eastern Caribbean Telecommunications Authority signed in St. George’s Grenada on 4th May 2000 and includes that Treaty as amended from time to time.

2.2 Any word, phrase or expression used in the Licence shall, unless the context requires otherwise, have the same meaning as it has in the Act.

2.3 Words importing the singular shall include the plural and vice versa.

3. SCOPE

3.1 The Licensee is authorised to establish or operate an amateur radio station in accordance with the terms and conditions of this Licence.

4. PRECONDITION

- 1.1 The licensee shall present proof to the Commission that he has passed the qualifying examination prior to the grant of this licence.
- 4.2 This licence is prima facie evidence that the licensee has passed the qualifying examination accredited by the Commission and therefore meets the criteria to hold this licence.
- 4.3 The rights of [Name of Amateur] set out herein shall not take effect until [Name of Amateur] pays the relevant fees set out in the Act.

5. DURATION AND RENEWAL

- 5.1 This Licence is granted from the Effective Date for the Licence term.
- 5.2 The Minister shall renew the Licence upon request by the Licensee for an additional period to be determined by the Minister, upon the expiration of the Licence Term provided that none of the provisions of Section [-] of the Act would cause the Minister to refuse a request for renewal.
- 5.3 Where the Licensee wishes to renew the Licence, the Licensee shall apply to the Minister in writing one (1) year prior to the expiry date of the Licence or at a later date if the Minister so determines.
- 5.4 On granting a renewal of the Licence, the Minister may vary the terms of the Licence if the conditions then prevailing require such variation and it is reasonable to do so.
- 5.5 The provisions of Section [-] of the Act relating to suspension, revocation, etc. shall apply *mutatis mutandis* to the renewal of a Licence.
- 5.6 Renewal of the Licence shall not take effect until the Licensee has paid the Renewal Fee and any other fees owed under the Licence.

6. MODIFICATION, SUSPENSION AND REVOCATION

- 6.1 This Licence is subject to modification, revocation, suspension and variation according to Sections [-] of the Act.
- 6.2 In deciding whether to agree to an amendment proposed by the Licensee, the Minister shall give due consideration to any submissions received from the Licensee and other interested parties in relation to the proposed amendment.

PART II - LICENCE CONDITIONS

1. LICENCE FEES AND MONIES OWED

1.1 The Licensee shall pay all fees prescribed under the Act.

2. EMERGENCIES

2.1 In the case of a natural disaster the Licensee shall provide access to emergency services by means of the amateur radio station.

2.2 In the event of hurricanes, earthquakes, floods and similar emergencies, the Minister may require the Licensee to provide, free of charge, to the Government or to such other institutions or Persons such Telecommunications Services as the Minister shall reasonably determine are necessary in the public interest.

2.3 In cases of emergency not otherwise provided for under this licence, the licensee shall use his amateur radio station to transmit urgent messages concerning the safeguard of human life, cases of serious accidents and natural calamities.

2.4 Throughout the emergency situations, the transmission of messages shall be done on the assigned frequencies of the amateur bands designated for that purpose and established in the Regional Spectrum Plan.

2.5 In the cases of natural disasters and emergencies, the Licensee shall be guided by the principles enunciated in conventions on the provision of telecommunications resources for disaster mitigation and relief operations, in particular, the terms and conditions set out in Annex A to this licence.

3. FREQUENCY

3.1 The Licensee shall operate in the assigned Bands in accordance with the Regional Spectrum Plan.

3.2 The Licensee shall operate the frequency bands set out in Annex B hereof only in cases of emergency or natural disaster.

3.3 The Licensee shall operate the amateur radio station in accordance with designated frequencies in MHz, modes of operation and power limits.

3.4 Nothing in this Licence empowers the Licensee to use a frequency that has not been granted in accordance with the Act.

4. CONDITIONS

- 4.1 The Licensee may operate in 3.5-4 MHz, 7.0-7.3 MHz, 28.0-29.7 MHz and 144.0-148.0 MHz-14.35 MHz, 21-21.45 MHz with a power limitation of 50 Watts.
- 4.2 The licensee is liable for any violation caused by failing to meet technical safety standards.
- 4.3 The Licensee shall comply with the technical requirements established by this licence.

PROHIBITIONS

- 5.1 The licensee shall not modify the equipment of artisanal or industrial production which is part of his station so that it performs outside of these licence conditions.
- 5.2 The licensee shall not allow the use of his station by any unlicensed operator without his supervision and shall be liable for any breach of this licence committed by the unlicensed operator.
- 5.3 The licensee shall not forge any of the features or indications recorded on it.
- 5.4 This licence is nontransferable.
- 5.5 The Licensee is forbidden from:
- a) Using the amateur stations for illicit ends;
 - b) Transmitting false call signs or identity signals;
 - c) Intentionally interfering in the communications of other amateur stations, or any other radiocommunications services;
 - d) Transmitting false alarm signals;
 - e) Transmitting words or expressions grossly offensive to good morals or good manners;
- 5.6 If the Licensee fails to comply with any term or condition of this Licence, the Licensee shall be in breach of this Licence.

6. INFORMATION REQUIREMENTS

- 6.1 The Licensee shall provide the Minister, the Commission and ECTEL, with any relevant agreements (technical and other information reasonably required to enable the Minister, the Commission and ECTEL to carry on their functions under the Act in the manner and at the times that the Minister, the Commission and ECTEL may request.

7. COMPLIANCE

7.1 The Licensee shall comply with all applicable Acts, Regulations, Directions and Orders issued by the Minister and the Commission.

.....
Minister of Telecommunications

ANNEX A

LICENSED SERVICES

- 1 The licensee may, upon request for telecommunication assistance, provide telecommunication assistance, pursuant to the laws to which it is subject, to requesting States Parties of the Tampere Convention pursuant to Article 4 of the Convention.
2. In providing assistance, the licensee is subject to the national law of [ECTEL Member State] which gives the Government the right to direct, control, coordinate and supervise the telecommunication assistance.

ANNEX B

FREQUENCY TECHNICAL PARAMATERS AND SPECIFICATIONS

Licence Number	
Class	
Call Sign	
Frequency Bands. (MHz)	

BASE STATION	1	2
Equipment Make		
Equipment Model		
Serial number		
Tx Site name		
Tx Co-ordinates (Lat)		
(Long)		
Rx site name		
Rx Co-ordinates (Lat)		
(Long)		
Tx Power (dBm)		
Bandwidth (MHz)		
Antenna Gain (dBi)		
Polarization		
REPEATER	1	2
Equipment Make		
Equipment Model		
Serial number		

Tx Site name		
Tx Co-ordinates (Lat)		
(Long)		
Rx site name		
Rx Co-ordinates (Lat)		
(Long)		
Tx Power (dBm)		
Bandwidth (MHz)		
Antenna Gain (dBi)		
Polarization		
MOBILE	1	2
Equipment Make		
Equipment Model		
Serial number		
General area of use		
Tx Power (dBm)		
Bandwidth (MHz)		
Antenna Gain (dBi)		
Polarization		
PORTABLE/HANDHELD	1	2
Equipment Make		
Equipment Model		
Serial number		
General area of use		
Tx Power (dBm)		
Bandwidth (MHz)		
Antenna Gain (dBi)		
Polarization		

ANNEX C

SHORT FORM OF LICENCE

AMATEUR RADIO STATION LICENCE

Name of Licence Holder _____

Licence No:

Period of Validity from _____ to _____

Registration number

Address of the Station


Class of Licence issued

Call Sign

ANNEX D

SHORT FORM OF LICENCE

AMATEUR RADIO STATION LICENCE

	[Court of Arms] [Country]
	Name
	Address
	Address of Station
Class of Licence	Call Sign
Licence Number	Registration Number
Issue Date	Expiry Date
Signature of Licence	Signature of Minister