

**The Indian Wireless Telegraphs
(Amateur Service)**

Rules

(valid from 1 April 2010)



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The Indian Wireless Telegraphs (Amateur Service) Rules

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**THE INDIAN WIRELESS TELEGRAPHS (AMATEUR SERVICE)
AMENDMENT RULES, 2009**

G.S.R.No. 385 (E). In exercise of the powers conferred by sections 4 and section 7 of the Indian Telegraph Act, 1885 (13 of 1885), the Central Government hereby makes the following rules further to amend the Indian Wireless Telegraphs (Amateur Service) Rules, 1978.

1. Short title and commencement:

(1) These rules may be called the Indian Wireless Telegraphs (Amateur Service) Amendment Rules, 2009.

(2) They shall come into force on 1 April 2010.

2. Definitions:

In these rules, unless the context otherwise requires,-

a. 'Act' means the Indian Telegraph Act, 1885 (13 of 1885)

b. 'Amateur service' means a service of self training, inter-communication and technical investigations carried on by amateurs that is, by persons duly authorised under these rules interested in radio technique solely with a personal aim and without pecuniary interest; 'amateur station', and 'station' shall have the meaning respectively assigned to them in the Convention;

c. 'Amateur Radio Beacon' means a station in the Amateur Service having transmitter (s) emitting carrier wave along with identification signals at regular interval. Such beacons can be directional or non-directional;

d. 'Amateur Station' and "Amateur Satellite Service" 'Station' shall have the meaning respectively assigned to them in the Convention;

e. 'Convention' means the International Telecommunication Convention, Malaga Torremolinos, 1973, for the time being in force and the Radio Regulations and the Additional Radio Regulations annexed thereto but does not include any portion of the said Convention or Regulations regarding which the Central Government makes any reservation;

f. 'Licence' means a licence granted under section 4 of the Act for an amateur wireless telegraph station.

3. Necessity for licence:

No person shall establish, maintain and work an amateur wireless telegraph station except under and in accordance with the terms and conditions of an appropriate licence under these rules.

4. Categories of licence:

There shall be two categories of licences, namely:

- (i) Amateur Wireless Telegraph Station Licence (General)
- (ii) Amateur Wireless Telegraph Station Licence (Restricted)

5. Eligibility for licence:

(1) A licence may be granted subject to such conditions contained in Annexure I to these rules -

- (i) to a person,
 - a. who is a citizen of India;
 - b. who is not less than 18 years of age;
 - c. who qualifies the Amateur Station Operators' Examination for the award of licence or holds either of the following certificate of proficiency, namely:
 - (i) Radio-communication Operators' General Certificates;
 - (ii) First or Second Class Radio-telegraph Operators' Certificate;

Provided that the holder of a Special Radio Telegraph Operator's Certificate may also be considered eligible for the award of Amateur Wireless Telegraph Station Licence (Restricted)

(iii) To a bonafide amateur radio society, club or a school, college, or an institution or a university in India, which has the aim of investigations in the field of radio or the training of persons in radio communication techniques.

Provided that the licence shall be issued in the name of an authorized official of the society, club, school, college, institute or a University in India holding a category of licence appropriate to the transmissions to be conducted by the station including amateur radio beacon transmission.

(2) Notwithstanding anything contained in sub-clause (b) of sub-rule (1), the Central Government may grant, to bonafide experimenters between the age of 12 and 18 years, Amateur Wireless Telegraph Station Licence (General) or Amateur Wireless Telegraph Station Licence (Restricted).

Provided that the application for the grant of such licences shall be accompanied by a certificate from the head of the educational institution recognized by a board or university in India, attended by the applicant or from his legal guardian that the applicant is interested in and is competent to conduct experiment in wireless telegraphy.

(3) Notwithstanding anything contained in sub-clause (c) of clause (i) of sub-rule (1), the Central Government may recognize, subject to any conditions it may prescribe from time to time, such other radiotelegraph operators' certificates or Amateur Station Operators' Certificates as are issued by a competent authority in any other country as equivalent to qualifications referred to in aforesaid sub-rule for the purpose of grant of licence under these rules.

6. Application for licence:

An application for the grant of licence from:

(a) an individual, or

(b) an Amateur Radio Society or club or a school, college or an institute or a University in India shall be made to the Central Government in Annexure II or Annexure III respectively to these rules, together with all the subsidiary forms and documents duly filled in and completed in all respects.

Applications are now accepted on line in www.saralsanchar.gov.in

7. Eligibility for admission to amateur station Operators Examination:

No person shall be eligible for admission to an examination for the grant of licence unless:-

(a) such a person fulfils the provisions contained in sub-clauses (a), (b) and (c) of clause (i) of sub-rule (1) of rule 5;

(b) such person pays the fees on the following scale, namely :-

(i) Amateur Station Operators' (General) Examination : Rs. 100/-

(ii) Amateur Station Operators' (Restricted) Examination : Rs. 100/-

8. Examinations:

(1) The examinations for the grant of a licence as per syllabus shall be held at a place and on a date as may be notified by the Central Government from time to time.

(2) An application for licence in Annexure II to the rules shall be submitted not later than one month before the date of desired examination.

Applications are now accepted only on line in www.saralsanchar.gov.in

(3) Any person admitted to the examination and found guilty of impersonation or of submitting fabricated documents or documents which have been tampered with or of making statements which are incorrect or false or of suppressing material information or of using or attempting to use unfair means in the examination hall or otherwise resorting to any other irregular or

improper means for obtaining admission to the examination may, in addition to rendering himself liable to criminal prosecution, be debarred either permanently or for a specified period from appearing in any of the examinations held for the award of licence under these rules:

Provided that no order under this sub-rule shall be made unless the person concerned has been given a reasonable opportunity or making a representation against the action proposed to be taken.

(4) If any person is found guilty of any malpractice referred to in sub -rule (3) after the grant of a licence to such person, the Central Government may, in addition to prosecuting him cancel the licence so given:

Provided that the Central Government may, pending the cancellation of the licence, suspend or endorse such licence:

Provided further that no order under this sub-rule shall be made unless the person concerned has been given a reasonable opportunity of making a representation against the action proposed to be taken.

9. Grant of licence:

Every category of licence shall be in the form set out in Annexure IV to these rules.

10. Observance of conditions of licence, convention and rules under the Act:

(1) Every licensed amateur wireless telegraph station shall be established, maintained and worked in accordance with –

a. the conditions contained in Annexure I to these rules;

b. the provisions of the Convention;

c. the rules made by the Central Government under section 7 of the Act for the conduct of wireless telegraphs in so far as they are applicable.

(2) Notwithstanding sub-rule (1) the Central Government may modify, vary, cancel or revoke any of the conditions of licence contained in the said Annexure I at any time either by specific notice in writing to the licensee, or by means of a general notice published in the Official Gazette or in a newspaper published in New Delhi.

(3) The licensee shall at his own expense, give effect to any variations in the conditions of licence.

11. Period of validity:

(1) A licence granted under these rules shall be issued for a period of 20 years or lifelong as the case maybe commencing on the date of issue of

the licence and expiring on the last day of the month proceeding the month of issue.

Explanation:- For the purpose of this rule, the expression "life long" means till the licence holder attains the age of 80 years.

(2) Validity of lifelong licence may be extended on specific request of the licence holder for 10 years at a time without any additional payment.

12. Fee for licence:

(1) A licence fee on the following scale shall be payable to the Central Government on receipt of instructions from that Government and in the manner directed by it:-

Category of Licence	Fees in Rupees	
	20 years	Life Long
(i) Amateur Wireless Telegraph Station Licence (General)	Rs.1000/-	Rs. 2000/-
(ii) Amateur Wireless Telegraph Station Licence (Restricted)	Rs.1000/-	Rs. 2000/-

(2) The licence fee shall not be refundable on ground of licensee's inability to establish or make use of the licensed Amateur Wireless Telegraph Station or for adjustment towards higher category of licence.

13. Authorised frequency bands, power and emission:

A holder of licence shall use as appropriate to the licence, such frequency bands, power and classes of emission as authorised by the Central Government.

Provided that the Central Government may by special or general order make changes in the usage of frequency bands, power and types of emission where that the Government is satisfied, that it is expedient to do so, keeping in view, among others the provisions of the Convention, need for enforcement of better technical standards in respect of equipment and national and international radio interference pattern.

14. Renewal of licence:

(1) On the expiry of the validity of a licence, it may be renewed for a period of twenty years or life long if the licensee,-

(a) Makes an application for renewal at least two months before the date of expiry of the licence.

(b) Has actively operated his station during the past two years prior to the date of expiry of his licence and provides a certificate to the effect that he has made contacts with other amateur stations on at least 40 occasions per year; .

(c) Pay a fee of Rs.1000/- or Rs.2000/-

(2) The licence fee shall not be refundable on ground of licensee's inability to

establish or make use of the licenced Amateur Wireless Telegraph Station or for adjustment towards higher category of licence.

(3) The document showing the renewal of licence issued by the Central Government shall be kept along with the licence to which it refers.

(4) It shall not be obligatory for the Central Government to issue a notice that the licence is due for renewal.

This in no way however confers any right to the candidates seeking ASOC renewal under this category and the right of decision of renewal will solely remain with the Ministry of Communications.

It is also desired that those who apply for the renewal should register in the www.saralsanchar.gov.in website and file their application online.

15. Surcharge for late renewal:

In case the holder of a licence does not apply for its renewal prior to the date of expiry of the licence referred to in sub-rule (1) of rule 14, he may apply for the renewal of licence subsequently also after the date of expiry of the licence on payment of a surcharge at the rate of Rs.100/- for every half-year or part thereof. The licence in such a case shall be renewed from the date of expiry of the licence.

16. Register for wireless telegraphy apparatus:

Every licensee shall maintain a register in respect of all wireless telegraphy apparatus established, maintained and worked by him at the amateur station in the form set out in Annexure VI of these rules.

17. Location of Amateur Station:

The location of the amateur station shall be specified in the licence along with the usual residence of the licensee endorsed therein and it shall be operated only from the place so fixed.

Note: With effect from 7 June 2019, "Amateur Radio Stations are allowed to operate anywhere in India except those locations restricted by Government of India from time to time". Please see page 29.

Provided that the Central Government may, permit the change of location if the licensee applies for it in writing giving particulars of the change and submits the license for endorsement, and pays a fee of Rs.200/-.

18. Portable and mobile Amateur Station:

Without prejudice to rule 17, the Central Government may in addition to an amateur station licensed for a

(1) Specified location issue a special authorisation to establish, maintain and work an amateur station as a portable station or a mobile station fixed on

board a motor vehicle for a specific period in special occasions like exhibitions and jamborees or for specific technical investigations in radio if-

(i) Application for such authorisation is made well in advance indicating, among others, the specific period for which the authorisation is required, nature of investigations or details in regard to occasion as the case may be, and area of operation;

(ii) The applicant holds an Amateur Wireless Telegraph Station Licence (General);

(iii) The applicant pays an additional fee of Rs.200/-.

(2) The special authorisation shall, in addition to the conditions specified in rule 10, be subject to following, namely:-

(i) The special authorisation shall not be issued for a period more than 90 days.

(ii) The licensee's amateur station at the fixed location and the mobile station shall not communicate with each other;

(iii) The suffix `MO' shall be added to the callsign already authorised to the licensee's amateur station at the fixed location for use by the portable or mobile station. Such callsign shall be followed by the location of the station.

(iv) Such other conditions as the Central Government may determine from time to time.

(3) The special authorization may be withdrawn or the conditions contained therein varied at any time by the Government.

Note: With effect from 7 June 2019, "Amateur Radio Stations are allowed to operate anywhere in India except those locations restricted by Government of India from time to time". Please see page 29.

19. Amateur Station on board ship:

(1) Without prejudice to rule 17, the Central Government may on receipt of an application authorise establishment, maintenance and working of an amateur station on board a ship registered in India. Applications for such authorisation shall be accompanied by a written approval of the master or owners of the ship concerned.

(2) The establishment, maintenance and working of amateur stations on board ships shall, in addition to the conditions specified under rule 10, be subject to such other conditions as the Central Government may determine from time to time and such conditions, among others, shall include the following, namely:-

(i) The amateur station on board ship shall be operated only while the ship is in International waters or Indian territorial waters. Its operation within the territorial waters of another country shall be in conformity with laws and regulations of the country concerned.

(ii) It shall not be operated whilst the ship is in any harbour in India.

(iii) The callsign allotted to such stations shall have suffix `MS' followed by the callsign of the ship in case of radiotelegraphy or the official name of the ship in case of radiotelephony.

(iv) The amateur station on board a ship shall discontinue operation at any time on request of an officer of the Central Government, the Master or Radio Officer of the ship or any land station.

20. Loss and Issue of Duplicate of Licence and Document showing the Renewal of Licence:

(1) A person whose licence or the document showing the renewal of licence has been lost, mutilated or destroyed shall notify the same to the Central Government. An application in Annexure VII of these rules for the duplicate shall be made to the Central Government embodying a statement of the circumstances involved in the loss, mutilation or destruction of the licence or the document showing the renewal of licence for which a duplicate is required. If the licence or the document showing the renewal of licence has been lost, the applicant must state the circumstance in which it was lost and the reasonable search has been made for it, and further that in the event it be found, either the original or the duplicate shall be returned for cancellation. The mutilated licence or the document showing the renewal of licence for which the duplicate is required should be forwarded along with the application for cancellation.

(2) The Central Government may issue duplicate copy of any licence or the document showing the renewal of the licence and the following charges shall be levied for such issue-

(i) For duplicate of licence Rs. 100/-

(ii) For duplicate of the document showing the renewal of licence..... Rs.100/-

21. Revocation of licence:

(1) The Central Government may, at any time, revoke the licence

(i) On the breach of any of the conditions of licence contained in Annexure I;
or

(ii) In default of payment of any fees payable under these rules:

Provided that, before revoking a licence, the licensee shall be given a reasonable opportunity of making a representation against the action

proposed to be taken.

(2) The licensee shall not be entitled to any compensation arising out of revocation of his licence nor will any part of the fees paid for the licence shall be refunded for the period a licence stands revoked.

22. Transfer of licence:

A licence shall not be transferable:

Provided that the Central Government may permit the transfer of a licence granted to an authorised official of an amateur radio society or club or a school, college or an institute or a University in India in favour of his successor if such successor holds a category of licence appropriate to the transmissions to be conducted by the amateur station.

23. Operation of licensed amateur station:

No person other than the licensee shall be permitted to operate the licensed amateur station:

Provided that –

(a) In the presence of the licensee himself, the station may be operated by an other person holding a valid licence of comparable or higher category. The licensee, however, shall be personally responsible for the observance of these rules as if the station is operated by him.

(b) In case of a licence issued to an authorised official of an amateur radio society or club or a school, college, or an institution or a University in India, the station may also be operated by a person who holds a licence of equivalent or higher category with the prior permission of the Central Government in writing; if the licensee keeps personal surveillance over the operation of the station. The licensee shall be responsible for the observance of these rules.

24. Surrender of licence:

A licence which is revoked or which has become invalid and licensee does not desire to renew it shall be surrendered to the Central Government for cancellation and record.

25. Dual holding of licence:

No person shall be granted more than one licence at the same time:

Provided that the Central Government may exempt a person, holding a licence in his name for amateur radio society or a school, college or an institute or a university in India, from the operation of this rule.

26. Admission of foreign national to examination and grant of licence:

(1) Notwithstanding anything contained in these rules, the Central Government may, subject to such terms and conditions as it may impose from time to time, admit a person, who is not a citizen of India, to an examination for the grant of a licence or grant him a licence if otherwise qualified.

(2) The conditions under sub-section (1) shall, among others, include the following, namely:-

- (i) the country of which the applicant is citizen, grants reciprocal facilities to Indian nationals : Provided that it shall not apply where the Central Government considers that reciprocal facilities are not necessary;
- (ii) the applicant is above the age of 18 years;
- (iii) the applicant's stay in India is not likely to be less than one year from the date of application.
- (iv) the applicant is a holder of an appropriate category of amateur station operator's certificate or licence issued by a competent authority in any other country and recognised by the Central Government.
- (v) the licence under this rule shall be initially granted for a period of one year or for the period of validity of visa, for which the applicant's passport is endorsed, whichever is less.

27. Penalty for breach of these rules:

Any breach of these rules, other than a breach, which is an offence under section 20 or 21 of the Act, shall be punishable with fine which may extend -

- (i) when the person is licensed under the Act, to one thousand rupees and in the case of continuing breach a further fine of two hundred rupees for every day after the first during the whole of any part of which the breach continues;
- (ii) when a servant of the person so licensed or another person is punishable for the breach one fourth of the amounts specified in clause (i).

28. Repeal and saving:

(1) On the commencement of these rules, the Indian Wireless Telegraphs (Amateur Service) Rules, 1978, shall cease to be in force.

(2) Notwithstanding such cesser,-

(a) Where before such commencement any person has passed the Amateur Station Operators' Certificate Advanced, Grade I, Grade II, Grade II Restricted Examination, such person shall not be required to pass any such examination under these rules;

(b) Where, before such commencement any person was granted Amateur

Wireless Telegraph Station Licence Advanced, Grade I, Grade II, Grade II Restricted or any such Licence was renewed and the period for which such Licence was granted or renewed extends beyond the commencement of these rules, then, such Licence shall continue to be in force for the period specified in the Licence.

Note:

1. The existing Grade II and Restricted category shall be migrated to the new 'Restricted' category at the time of their next renewal after the payment of revised fees for 20 years or lifetime as the case may be at the request of the applicant. The old license type will be indicated in their license to distinguish them from those who seek licensee afresh based on the new notification.
2. The existing Grade I and Advanced Grade category shall be migrated to the new 'General' category at the time of their next renewal after the payment of revised fees for 20 years or lifetime as the case may be at the request of the applicant.
3. The callsign block VU2 shall be reserved for General Grade and block VU3 to Restricted Grade for future licences.

Annexure – I

**CONDITIONS FOR THE CONDUCT OF AMATEUR WIRELESS
TELEGRAPH STATION**

(See Rules 5 & 10)

I. Use of the Amateur Station:

(1) The amateur station shall be used as part of self training, intercommunication and technical investigations in radio techniques solely with a personal aim and without pecuniary interest:

Provided that when the station is licensed to an amateur radio society or club, or a school, college or an institute or a University, the use of the station "shall be" confined to technical investigation and training in radio communication techniques without pecuniary interest.

(2) The station may also be used for the purpose of receiving transmissions in the Standard Frequency Service to facilitate operation of the station within the authorised frequency bands.

(3) Except as provided in these rules, the licensee shall not assign, under-let or otherwise dispose off or admit any person to participate in the benefits of the licence.

II. Messages:

(1) (a) Radio communications may be exchanged with other stations similarly authorised. The amateur stations are forbidden to communicate with amateur stations of countries whose administrations have notified the International Telecommunication Union of their objection to such radio communications.

(b) Transmissions shall be made in plain language and limited to messages of a technical nature relating to tests and to remarks of personal character (excluding business affairs or transactions) in which the licensee, or the person with whom he is in communication, are directly concerned and for which, by reason of their unimportance, recourse to the public telecommunication service is not justified.

(c) Special recordings for reproduction sinusoidal tone or tones within the audio frequency spectrum which may be either constant or steadily changing in frequency may be used.

(2) The licensee is forbidden to transmit,-

(a) messages like the reproduction of broadcast programmes or tape recordings or transmissions of entertainment value or music;

(b) false or misleading calls, or signals, news, advertisements, communications of business, statements on topics of political or industrial controversy;

(c) superfluous signals or any matter which is indecent or of obscene character or of a seditious tendency or which is grossly offensive or such as is likely to arouse racial, religious, or communal animosity;

(d) messages for pecuniary reward or any messages for, or on behalf of third parties;

(3) Notwithstanding clause (a), sub-condition (1) and clause (d), sub-condition (2) the licensees in case of failure of normal telecommunication facilities, are permitted to handle third party messages, pertaining to natural calamities such as earthquake, floods, cyclones and wide spread fires, originating from and addressed to a competent civil authority namely, (a) District Magistrates or Deputy Commissioners or Collectors of the district and (b) any other officer authorised by authorities mentioned at (a) above. The licensee shall inform by letter addressed to the licensing authority regarding the use of his amateur station for such purposes on each such occasions.

III. Frequencies, Emissions and Power:

The amateur station shall be operated on frequencies that are within the frequency bands authorised to respective categories of licences under rule 13 and on such classes of emissions and power not exceeding that specified in the said rule.

IV. Frequency Control and Measurement:

(1) The transmitting apparatus shall be tuned as accurately as possible to ensure that no energy is radiant on any frequency outside the limits of the authorised frequency bands.

(2) The licensee shall have at the licensed amateur station a reliable frequency measuring equipment to verify, each time the frequency of the transmitter is changed and whenever it is necessary to check the transmitted frequency, the emissions are within the authorised frequency bands. The licensee shall take all steps necessary to maintain the accuracy of the frequency measuring equipment.

V. Non-Interference:

(1) The amateur station shall be so designed, constructed, erected, maintained and worked as not to cause interference with any wireless telegraph service functioning, within or without India, in accordance with the provisions of the Convention or the wireless signaling between any fixed, land or mobile stations of Indian Land, Naval or Air Force or between such stations and any station abroad:

Provided that in the event of interference being caused by the station the licensee shall discontinue or restrict transmissions, pending adjustment of the equipment, on request from:-

(a) the Central Government; or

(b) any land station.

(2) The licensee shall deploy all necessary means to ensure that the radiated frequency is free from harmonics, key clicks, hum and other forms of spurious emissions.

(3) The licensee shall ensure that the transmitter is not over modulated.

(4) The use of class B emissions (damped waves) is forbidden.

VI. Log (Dairy of the radio service):

(1) A chronological record of all transmissions emanating from or received at the amateur station shall be kept in bound book (not loose-leaf) showing the following:

(a) Date and time of each transmission;

(b) A summary of the communications exchanged;

(c) A brief description of the experiments and tests undertaken;

(d) The callsign of station or stations with which messages have been exchanged, times and type of emission employed in each case;

(e) Time of opening and closing down the amateur station;

(f) In case of portable or mobile amateur station the particulars of temporary location.

(2) All times in the log shall be stated in the Indian Standard Time.

(3) No gaps shall be left between entries in the log and they shall be made and initialed at the time of receiving and transmitting.

(4) In case the station is operated by a person other than the licensee (see rule 23), the licensee shall ensure that log is signed by that person indicating his name, callsign and licence number.

(5) Licensee shall preserve the log for a period of one year from the date of last entry therein before it is destroyed.

Provided that no log shall be destroyed for such further period as the Central Government may direct.

(6) The form of log is shown in the Table attached to these conditions.

VII. Wireless Telegraphy Apparatus:

(1) The amateur station shall be equipped for reception as well as transmission.

(2) The Wireless telegraphy apparatus and other accessory equipment used or intended to be used by the licensee shall be so arranged as not to endanger the safety of licensee or other persons.

(3) The wireless telegraph apparatus shall be kept in a safe condition and housed in such manner as to preclude access to unauthorised persons.

(4) The transmitter shall be of a type that has a frequency stability comparable to that of a crystal control.

(5) Meters of standard accuracy shall be installed to measure the D.C. power input to the anode circuit of the final radio frequency stage of the transmitter.

(6) The aerial used or intended to be used shall be so erected, fixed, or placed as not to cross above or fall on to any power, telegraph or telephone line.

VIII. Secrecy of Correspondence:

If any message which the licensee is not entitled to receive is, nevertheless received, the licensee shall not make known or allow to be made known its contents, its origin or destination, its existence or the fact of its receipt to any person (Other than duly authorised officer of the Central Government or a competent legal tribunal) and shall not reproduce in writing, copy or make any use of such message or allow the same to be reproduced in writing, copied or made use of.

IX. (1) General Radiotelegraph and Radiotelephone Procedure:

(1) (a) Before transmitting, the station shall take precautions to ensure that its emissions will not interfere with transmissions already in progress. If such interference is likely the transmission shall not commence till there is an appropriate break in the communications in progress.

(b) The callsign endorsed in the licence shall be sent for identification at the beginning and at the end of each period of transmission. When the period of transmission exceeds 10 minutes the call sign shall be repeated. Licensee shall not make transmission without identification or with false identification.

(c) Prolonged calls and transmissions shall be avoided.

(d) When it is necessary to spell out callsign, certain expressions, difficult words, abbreviations, figures etc., the phonetic alphabet and figure code given in the Convention shall be used.

(2) Call and reply procedure:

(a) The call shall consist of the call sign of the station called not more than three times;

The word DE (in case of radiotelegraphy) and the words "This is" (in case of radio telephony). the call sign of the calling station, not more than three times.

(b) The reply to call shall consist of - the call sign of the calling station, not more than three times; the word DE (in case of a radiotelegraphy) and the words "This is" (in case of radio telephony), the callsign of the station called, not more than three times.

(c) The call may be sent three times at intervals of two minutes; thereafter it shall not be repeated until an interval of 10 minutes during which the operator shall listen in the frequency band in which the call has been made.

(d) In case of general call to all stations the signal `CQ' (in case of radiotelegraphy) and the words `Hello all stations' or the signal `CQ' (in case of radiotelephony) shall replace the callsign of the station called in the calling procedure.

(3) End of transmission and work:

(a) Transmission of a message shall be terminated by the signal AR (in case of radiotelegraphy) and the word `Over' (in case of radiotelephony).

(b) The end of work between two stations shall be indicated by each of them by means of signal VA (in case of radiotelegraph) and by the word `OUT' (or VA spoken as Victor Alfa) in case of radiotelephony.

(4) Tests:

(a) When it is necessary to make test signals either for the adjustment of a transmitter or a receiver or for any experiment, such signals shall not be continued for more than 30 seconds and shall be composed of series of VVV followed by the callsign of the station emitting the test signals. In case of radiotelephony series of VVV shall be replaced by the figures 1,2,3,4..... spoken in the figure code.

(b) For tests exceeding 30 seconds an artificial aerial shall be used.

(c) Emission of carrier wave is forbidden unless such wave is subjected to intelligible modulation.

X. Inspection:

(1) Any officer authorised by the Central Government in that behalf in writing by them, may at all reasonable times enter the station solely or jointly with any other person or persons for the purpose of inspecting and may inspect, examine or test any apparatus conduct of such inspections and tests and making available the licence, the station log or other records for examination by the inspecting officer.

(2) The licensee when called upon to do so by the Central Government shall arrange to forward the licence, the log book, or any other record or data for examination by that Government.

XI. Powers to take possession of the Amateur Station and to order interception of messages:

(1) On the occurrence of any public emergency, or in the interest of the public safety, the Central Government or a State Government or any officer specially authorised in this behalf by the Central Government or a State Government may, if satisfied that it is necessary or expedient so to do, take temporary possession (for so long as the public emergency exists or the interest of the public safety requires the taking of such action) of the Amateur Station.

(2) On the occurrence of any public emergency, or in the interest of the public safety, the Central Government or a State Government may, if satisfied that it is necessary or expedient so to do in the interests of the sovereignty and integrity of India, the security of the State, friendly relations with foreign state or public order or for preventing incitement to the commission of an offence, for reasons to be recorded in writing, by order, direct that any message of class of messages relating to any particular subject, shall not be transmitted or received or shall be intercepted by the station or shall be disclosed to the Government making the order or an officer thereof mentioned in the order.

(3) The licensee shall not be entitled to any compensation in respect of the exercise of the powers conferred by sub condition (1) and (2) or this condition.

XII. The licensee shall indemnify the Central Government against all actions, claims and demands which may be brought or made by any person, body corporate or company in respect any injury arising from any act licensed or permitted by the licence.

XIII. A copy of the Indian Wireless Telegraphs (Amateur Service) Amendment Rules, 2009 shall be kept at the Amateur Station.

<u>AUTHORISED FREQUENCY BANDS, POWER & EMISSIONS</u>						
Bands	Frequencies	Emissions	Max DC Input Power	Emissions	Max DC Input Power	Remarks
		Restricted Grade		General Grade		
160 M	1820-1825 kHz	A3E, H3E, J3E, R3E	50 watts	A1A, A2A, A3E, H3E, J3E, R3E, F1B, F2B, F3E, F3C, A3C, A3F	400 watts	Old Grade II Licensees are also authorised to use A1A emission in these bands
80 M	3500-3700* kHz					
75 M	3890-3900* kHz					
40 M	7000-7200 kHz					
30 M	10100-10150 kHz \$					
20 M	14000-14350 kHz					
17 M	18068-18168 kHz \$					
15 M	21000-21450 kHz \$					
12 M	24890-24990 kHz					
10 M	28000 -29700 kHz					
6 M	50-52 MHz	F1B, F2B, F3E, F3C	10 watts	F1B, F2B, F3E, F3C	25 watts	
2 M	144-146 MHz	F1B, F2B, F3E, F3C	10 watts	F1B, F2B, F3E, F3C	25 watts	Old Grade II Licensees are also authorised to use A1A and A2A emissions in these bands
70 CM	434-438 MHz #					
	5725-5840 MHz #	-	-			
* On primary shared basis as per the relevant provision of Radio Regulations.						
# On secondary basis as per the relevant provisions of Radio Regulations.						
\$ Authorization is on non-interference and non protection basis.						
Note:						
(i) All the allocation subject to the relevant provisions of the Radio Regulations. Amateur satellite service is permitted for General Grade in the appropriate sub bands in accordance with Radio Regulations and in those cases the maximum output RF power (airp) is 30 dBw.						
(ii) The above authorization is subject to site clearance as per the procedure prescribed by the Standing Advisory Committee on Radio Frequency Allocation (SACFA) as applicable.						
(iii) For A3F emission, the transmission shall be restricted to call-sign of the station, location and other particular of the station. They shall be limited to point to point test transmission employing a standard interface and scanning with a bandwidth not more than 4 KHz.						
(iv) DC input power is the total direct current power input to the final stage of the transmitter.						

FEE STRUCTURE:

Sl.No.	Details	Fee in Rs.
1.	Examination fee	Rs.100/-per Grade
2.	Licence fee for Restricted / General	Rs.1000/- for 20 years or Rs.2000/ for life time
3.	Renewal fee for Restricted/General	Rs.1000/- for 20 years or Rs.2000/ for life time
4.	Licence fee for Club/ Repeater	Rs.1000/- for 20 years or till validity of custodian's licence
5.	Surcharge for late Renewal	Rs.100/- for every 6 months or part there of,
6.	Permanent change of location	Rs.200/- Please see page 29
7.	Duplicate licence	Rs.100/-
8.	Duplicate renewal	Rs.100/-

The prescribed fee is to be paid through Non Tax Receipt Portal (NTRP) available on website <http://bharatkosh.gov.in> under the head Receipt for DOT.

First please register in the site <http://bharatkosh.gov.in> under Ministry "Telecommunications"

All applications shall be submitted through www.saralsanchar.gov.in

SYLLABUS AND THE DETAILS OF EXAMINATIONS FOR THE AWARD OF AMATEUR STATION OPERATOR'S LICENCE (Restricted) and (General)

1. The examination shall **consist of the following two parts:**

PART 1 - Written Test

It shall comprise of one paper containing two sections as under:

Section A: Radio Theory and Practice

Note - Applicants holding degree in Engineering/Science or Diploma in Engineering and having studied electronics or telecommunications shall be exempted from appearing in Section A of Part-I of the test.

Section B: National and international Telecommunication Union (ITU) Radio Regulations applicable to the operation of amateur station and those relating to the working of station generally.

PART II - Morse (Only for General Certificate)

Morse reception and sending (8 wpm)

2. Detailed syllabus:

2.1 Amateur Station Operator's Licence (Restricted) Examination

Part I - Written Test

Section A: Radio Theory and Practice

(i) Elementary Electricity and Magnetism:

1. Elementary theory of electricity- Passive Devices (Resistors; Inductors, Transformers, Capacitors) and Active Devices (Diodes; Transistors).
2. Kirchoff's current and voltage laws- Simple applications of the law.
3. Conductors and Insulators — Properties; units of circuit elements, Ohm's Law.
4. Conductance — Definition of self and mutual inductance;
5. Power and energy- Definition, Units and simple applications.
6. Permanent magnets and electromagnets — Definition, properties and their use.

(ii) Elementary Theory of Alternating Currents:

1. Sinusoidal alternating quantities - Definition of peak, instantaneous, R.M.S., average values and its simple application.
2. Phase, reactance, impedance, power factor- Definition, units and simple applications.

3. Parallel and Series Circuits series and parallel circuits containing resistance, inductance, capacitance; resonance in series and parallel circuits, coupled circuits.
4. Rectifiers, voltage regulation and smoothing circuits - Their basic knowledge and simple application.

(iii) Elementary theory of Semiconductor Devices:

Diodes and transistors- Properties use of these devices for construction of amplifiers, oscillators, detectors and frequency changers.

(iv) Radio Receivers:

1. Principles and operation of T.R.F. and super heterodyne receivers.
2. CW reception.
3. Receiver characteristics-sensitivity, selectivity, fidelity, adjacent channel and image interference, A.V.C. and squelch/circuits signal to noise ratio.

(v) Transmitter:

1. Principles and operation of low power transmitter, crystal oscillators, stability of oscillators.
2. Basic knowledge about construction of Semiconductor based transmitters.

(vi) Radio Wave Propagation:

1. Basic knowledge of Electromagnetic Spectrum.
2. Wave length, frequency, frequency bands.
3. Nature and propagations of radio waves, ground and sky waves, space waves, skip distance, skip zone and fading.

(VII) Aerials: Common types of transmitting and receiving aerials.

(VIII) Frequency Measurement: Measurement of frequency and use of simple frequency meters.

Section B: Radio Regulations

(a) Knowledge of :- (i) the Indian Wireless Telegraphs Rules, 1973.

(ii) The Indian Wireless Telegraphs (Amateur Service) Rules, 1978 and amendments.

(b) Knowledge of ITU Radio Regulations as relating to the operation of amateur stations with particular emphasis on the following:

Item	Provision of Radio Regulation (2008 edition)
Designation of Emission	Appendix I
Phonetic alphabets and figure code	Appendix 14
Nomenclature of the Frequency & Wavelength	Article 2
Frequency allocation for Amateur Services	Article 5
Interference, measures against interference & tests	Article 15
Identification of Stations	Article 19
Distress Signal, Call and Message. Transmissions	Article 30, 31, 32 & 33.
Urgency Signal, Call and Message Transmissions	Article 30, 31, 32 & 33.
Amateur Station	Article 25
Call Sign series allocated to India	Appendix 42

(c) Standard Frequency and Time Signals Services in the World.

d) The following 'Q' codes and abbreviations shall have the same meaning as assigned to them in the Convention.

QRA, QRG, QRH, QRI, QRK, QRL, QRM, QRN, QRO, QRS, QRT, QRU, QRV, QRW, QRX, QRZ, QSA, QSB, QSL, QSO, QSU, QSV, QSW, QSX, QSY, QSZ, QTC, QTH, QTR, and QUM.

Abbreviations: AA, AB, AR, AS, C, CFM, CL, CQ, DE, K, NIL, OK, R, TU, VA, WA, WB.

Note:-

1. The written test will be of one hour duration. The maximum marks will be 100 and candidate must secure at least 40 % in each section and 50% in aggregate for a pass.

2. There will be no Morse test for Restricted Grade.

2.2. Amateur Station Operators' License (General) Examination

Part I - Written Test

Section A: Radio Theory and Practice

In addition to the syllabus prescribed for Amateur Station Operator's License (Restricted) examination, following items shall be included in the syllabus of Amateur Station Operators' license (General) examinations:

(i) Principles of Communications:

1. Elementary idea of analog and digital communication.
2. Need for modulation; Modulation- amplitude, frequency and pulse modulation.
3. Elementary idea about demodulation.

(ii) Alternating current:

1. Basic concepts on construction of transformers.
2. Definition of Transformer losses.
3. Transformer as a matching device

(iii) Semi Conductor devices and Transistors:

1. Elementary principles of conduction and construction;
2. Symbols and biasing methods.

(iv) Power Supplies:

1. Basic knowledge of half wave and full wave rectifiers.
2. Definition and application of Bridge rectifier, smoothing and regulating circuits.

(v) Transmitters and Receivers:

1. Elementary principles of transmission and reception of Facsimile and Television signals,

(vi) Propagation:

1. Characteristics of ionosphere and troposphere.
2. Properties of ionosphere layers.
3. Critical frequency and day / night frequencies.

(vii) Aerials:

1. Principles of radiation.

2. Aerials for different frequency bands including aerials for microwave,

(viii) Space Communications

1. Elementary principles of communication via satellites.

Section B: Radio Regulations

Same syllabus as prescribed for Amateur Station Operators' License (Restricted) examination.

The above written test will be of two hour duration. The maximum marks will be 100. A candidate must secure at least 50 % in each section and 60% in aggregate for a pass.

Part II-Morse Code

Morse receiving: (Speed: 8 words per minute)

The test piece will consist of a plain language passage of 200 characters which may comprise of letters, figures. Test piece may also contain the following punctuations i.e. full stop; comma; semi colon; break-sign; hyphen and question mark. The average words shall contain five characters and each figure and punctuation will be counted as two characters. The test will be for five consecutive minutes at a speed of 8 words per minute. A short practice piece of one minute shall be sent at the prescribed speed before the start of the actual test. Candidates will not be allowed more than one attempt in Morse reception and sending test; the test may be written in ink or pencil but must be legible. Over-writing will be treated as error. If any correction is required the candidate may struck the wrong character and write the correct above the character. More than 5 errors will disqualify a candidate. However if a candidate receives without any error in any part of the passage continuously for one minute duration will be declared successful in the Morse reception test.

Morse Sending (Speed: 8 words per minute)

The test piece will be similar to Morse Receiving test for Amateur Station Operators' License (General) examination. Candidates are required to send for five consecutive minutes at a speed not less than 8 words per minute. Other conditions are the same as applicable to Amateur Station Operators' License (General) examination.

Note- A candidate shall have to pass both receiving and sending simultaneously.

FREQUENTLY ASKED QUESTIONS (FAQs) REGARDING AMATEUR EXAMINATION/LICENCE

1. Who can become a HAM?

Answer: Any citizen of India who is above 12 years of age can become a ham by qualifying the Amateur Station Operators Licence (RESTRICTED) examination and obtaining a valid license.

2. Can I apply for the examination if I am below 18 years?

Answer: Yes. Applicants between 12-18years can apply for the RESTRICTED grade examination by providing an Undertaking by the parent/guardian in the prescribed format. For GENERAL grade- Applicants between 12-18years can apply for the GENERAL grade examination by providing an Undertaking by the parent/guardian in the prescribed format. Applicant above the age of 18 years can apply for both without any undertaking.

3. What are the various categories and fees of examination?

Answer: A candidate can apply for any of the below categories:

S. No.	Category	Examination Fee
1	Restricted	Rs. 100/-
2	General	Rs 100/-
3	General & Restricted	Rs 200/-

4. What are the examination centres?

Answer: Examination may be conducted at any of the Wireless Monitoring Station/International Monitoring Station in India.

The list of Monitoring Stations is given below:

1. Ahmedabad
2. Ajmer
3. Bengaluru
4. Bhopal
5. Bhubaneswar
6. Chennai
7. Dehradun
8. Dibrugarh
9. Goa
10. Gorakhpur
11. Hyderabad
12. Jalandhar
13. Jammu
14. Kolkata
15. Lucknow
16. Mangalore
17. Mumbai
18. Nagpur
19. New Delhi
20. Patna
21. Raipur
22. Ranchi
23. Shillong

- 24. Siliguri
- 25. Thiruvananthapuram
- 26. Vijayawada
- 27. Vishakapatnam

5. What is the pattern and duration of examination?

Answer: The examination consists of two parts; Part A: Basic Electronics and Part B: radio Regulations.

The Restricted Grade examination consists of 25 Questions each in Part A and Part B and is for one hour. The General Grade Examination consists of 50 Questions each in Part A and Part B and is for two hours. The General Grade candidates will have to additionally undertake an examination in Transmission and Reception of Morse Code.

For detailed syllabus, please refer to the circulars.

6. How many marks are needed to pass the examination?

Answer: For Restricted Grade, the maximum marks will be 100 and candidate must secure at least 40 % in each section and 50% in aggregate for a pass.

For General Grade, the maximum marks will be 100. A candidate must secure at least 50% in each section and 60% in aggregate for a pass. In addition, a candidate shall have to pass both Morse Reception and Sending simultaneously.

7. Can I take the examination at any centre?

Answer: The applicant can choose the examination centre at any Wireless Monitoring Station/International Monitoring Station as per their convenience. However, no change will be allowed after submission of application.

8. Can I change the centre of examination after application?

Answer: No change in Exam Centre is permitted after submission of application.

9. Can I change the category of examination after submission of application?

Answer: No change in category will be permitted after submission of the application.

10. Can I apply for both GENERAL and RESTRICTED?

Answer: Yes. A candidate can apply for both General and Restricted categories. If a candidate passes in Part I and II, he/she will be issued a GENERAL Licence. If a candidate passes only in Part I of the examination he/she will be issued a RESTRICTED Licence.

11. Can I take the General Grade examination after passing Restricted Grade?

Answer: Yes. You will need to apply again for General Grade after the completion of the Restricted Grade examination.

12. Are there any exemptions from the exam?

Answer: Candidates having the following Qualifications are exempted from appearing in Part A of the Examination

- (i) B. Tech/BE Degree in Electronics or Telecommunication
- (ii) B.Sc/M.Sc with Electronics or Telecommunication
- (iii) Diploma in Engineering with Electronics or Telecommunication

13. How do I check the status of application?

Answer: The status of the application can be checked on the Saral Sanchar portal.

14. When will the examination be conducted?

Answer: The Date, Venue and Time of the examination will be intimated to the candidate by the respective Monitoring Station. The examination will be conducted as and when there are sufficient number of candidates.

15. What if I reside in another city in which no monitoring station is situated?

Answer: For examination venues in cities other than where Wireless Monitoring Stations/ International Monitoring Stations are situated, there should be a minimum of 20 candidates and the centre should be either a School/University/Education Centre/Amateur Radio Society or Club. The application may be submitted to the nearest monitoring station.

16. What documents do I need to carry for the examination?

Answer: The Admit Card is to be produced for verification at the time of the test. At least one original valid Photo Identification Card (such as Aadhaar Card, Driving Licence, Passport, PAN Card, Voter ID,) should also be presented.

Date of Birth Proof, Address proof, Proof for Exemption in Part A and Undertaking certificate (For students between ages 12 and 18) may also be produced to the examiner for verification.

17. Does WPC provide any training?

Answer: No, WPC does not provide any training for the examination.

18. What should I do after passing the examination?

Answer: After passing the examination, you may apply for Amateur Wireless Telegraph Station Licence/ Certificate on the Saral Sanchar Portal.

8. Can I choose my own call sign?

Answer: You can give a choice of 3 callsigns. Based on availability, a callsign would be assigned.

19. What is the licence fee?

Answer: A licence fee as below is payable after passing the examination.

Category of Licence	Fees	
	20 Years	Life Long (up to 80 years)
Amateur Wireless Telegraph Station Licence (GENERAL)	1000	2000
Amateur Wireless Telegraph Station Licence (RESTRICTED)	1000	2000

20. Do I need to take permission to participate in a hamfest at some other location?

Answer: No permission is required for a temporary change of location.

21. Do I need to inform WPC for a permanent change of address?

Answer: Yes, you need to intimate WPC when there is a permanent change of location. You can apply on the Saral Sanchar portal when there is a permanent change of location and pay the requisite fee of Rs 200/- for re-issue of the licence.

22. Can I get a duplicate copy of the licence?

Answer: Yes. In case of loss/damage of original licence, you can apply for a Duplicate copy of licence on the Saral Sanchar Portal and pay the requisite fee of Rs 100/-.

23. How can I get a special call sign?

Answer: The following documents may be submitted to WPC Wing for the issue of special call sign.

- a) Application
- b) Individual Consent
- c) Copy of valid Amateur License

24. How to pay the examination fee?

Answer: The prescribed license fee is to be paid through Non Tax Receipt Portal (NTRP) available on webpage <http://bharatkosh.gov.in> under the following accounts heads:

- a. Purpose head: "Amateur Exam conducted by Wireless Monitoring Stations and RHQs b. Payment type: "Exam fee"
- c. Function head: "127500103050100 - Proficiency Certificate"
- d. PAO and DDO details are as under: -

Regional Headquarters	Name of the pay & Account Office (PAO) under NTRP	Corresponding Centre of Examinations (Monitoring Stations)
Western Regional Hq, Mumbai	077148-Controller of Communication Accounts, Maharashtra Drawing & Disbursing Officer: - 201562 DDO CCA	Ahmedabad, Bhopal, Goa, Mumbai, Nagpur, Raipur
Northern Regional Hq, New Delhi	077177-Controller of Communication Accounts, New Delhi Drawing & Disbursing Officer:- 201540 DDO CCA	Ajmer, Dehradun, Gorakhpur, Jalandhar, Jammu, Lucknow, New Delhi
Southern Regional Hq, Chennai	077153-Controller of Communication Accounts, Tamil Nadu Drawing & Disbursing Officer: - 201579 DDO CCA	Bengaluru, Chennai, Hyderabad, Mangalore, Thiruvananthapuram, Vijayawada, Vishakhapatnam
Eastern Regional Hq, Kolkata	077155-Controller of Communication Accounts, West Bengal. Drawing & Disbursing Officer: - 201589	Bhubaneswar, Dibrugarh, Kolkata, Patna, Ranchi, Shillong, Silliguri

	DDO CCA	
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25. How to pay the license fee?

Answer: For issue of licence, renewal, issue of duplicate licence, issue of reciprocal licence or change of location, the details of payment head for making payment through NTRP is as under:

- a) Purpose: Amateur license
- b) Payment Type: License Fee/ License Renewal Fee/ Late Fee/ Fee for issue of duplicate license
- c) Pay & Account Office (PAO): 077188-Controller of Communication Accounts, PAO HQ
- d) Correspondence Address: Assistant Wireless Adviser (COP), WPC Wing, DOT, 6th Floor, Sanchar Bhawan, 20 Ashok Road, New Delhi-110001

26. Whom should I contact for any further queries?

Answer: For any further queries, please reach us on 011-2303 6534; 6539

भारत सरकार / Government of India
 संचार मंत्रालय / Ministry of Communications
 दूरसंचार विभाग / Department of Telecommunications
 बेतार आयोजन एवं समन्वय स्कंध / Wireless Planning and Coordination Wing

6th Floor, Sanchar Bhawan,
 20, Ashoka Road, New Delhi-110001

No. P-14033/02/2020-COP

Date: 28/12/2020

Subject: Information under RTI Act, 2005.

Kindly refer to the online RTI request No. DOTEL/R/E/20/01280 dated 14/12/2020 of Sh. Rajesh A, forwarded to this CPIO on 23/12/2020, for providing information under RTI Act, 2005.

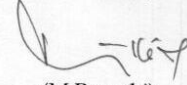
2. It is informed that the list of allocated bands and frequency for amateur radio operation in India may be seen at Annexure I of this Ministry's OM No. L-14011/255/2004-AMT dated 13/08/2010. Relevant pages of the above OM has been enclosed.

2.1 For further updates, if any, you may refer NFAP-2018 which is in force as on 24th October 2018. NFAP-2018 is available in DoT's website at <https://dot.gov.in/sites/default/files/NFAP%202018.pdf?download=1>

3. Appeal, if any, against the above decision of the CPIO may be preferred, within thirty days from the issue of this letter to Jt. Wireless Adviser & Appellate Authority, WPC Wing, Department of Telecommunications, Room No. 603, Sanchar Bhawan, 20, Ashoka Road, New Delhi - 110001.

Enclosure: As above.

Yours faithfully



(M Revathi)

Sr. Deputy Wireless Advisor (C) & CPIO
 to the Govt. of India

To,
 Sh. Rajesh A,
 No 015 Vijaya Nisarga Apartment
 Opposite Lane, Pipe Line Road
 Udipalaya Post, Kanakapura Main Road,
 Karnataka - 560082.

Government of India
Ministry of Communications
Department of Telecommunications,
Wireless Planning & Coordination (WPC) Wing,
Sanchar Bhawan, 20, Ashoka Road, New Delhi-110 001

No. P-14 [REDACTED]

Dated: 04.12.2019

To,

Shri Ankit Nayak,
[REDACTED]
[REDACTED]
[REDACTED]

Subject:- Seeking information under RTI Act 2005-Regarding

Sir,

Kindly refer to your online RTI application registration no. [REDACTED] dated 11.10.2019. The information is as under:

Point No. 1 to 2: No separate import license from WPC Wing, DoT is required for importing wireless transceiver (of Amateur bands in India) by Indian Amateur Station operating license holder.

2. Appeal, if any, against the above decision of the CPIO may be preferred, within thirty days from the issue of this letter to Shri R.B.Prasad, J.W.A. & Appellate Authority, WPC Wing, Department of Telecommunications, Room No. 603, Sanchar Bhavan, 20, Ashoka Road, New Delhi-01.

Yours Faithfully,



(M. Revathi)
Sr. Deputy Wireless Advisor (C)
to the Govt. of India & CPIO

Government of India
Ministry of Communications
Department of Telecommunications
Wireless Planning & Coordination (WPC) Wing
Sanchar Bhawan, 20, Ashoka Road, New Delhi-110 001

No. P-11015/01/2019-COP

Date: 7th June, 2019

OFFICE MEMORANDUM

In order to simplify operations of Amateur stations in India, competent authority has decided the following: -

Amateur Radio Stations [new as well as existing] are allowed to operate anywhere in India except those locations restricted by Government of India from time-to-time.

Needful changes in the Rules will follow in due course of time.

Onkar Nath
07.06.2019
(Onkar Nath)
Assistant Wireless Adviser
to the Government of India
(ऑंकार नाथ)
(ONKAR NATH)
सहायक बेतार सल्लाहकार
Assistant Wireless Adviser
दूरसंचार विभाग, भारत सरकार
Deptt. of Telecom, Govt. of India
नई दिल्ली/New Delhi

To

All concerned

Copy for information to:

- 1) Joint Wireless Adviser/Sr. Deputy Wireless Adviser, Regional Licensing Office, WPC Wing (Delhi/ Mumbai/ Kolkata/ Chennai/ Guwahati).
- 2) Director, Wireless Monitoring Organisation.
- 3) Engineer-in-Charge, Regional HQs, Mumbai, Kolkata, Chennai, Delhi
- 4) Director, IT DoT/ Sr. DWA (ASMS) for uploading on DoT & WPC websites.

Department of Telecommunications
Wireless Planning & Coordination Wing
Sanchar Bhavan, Ashoka Road, New Delhi-110001

No. R-11014/03/2015-PP

Dated: 10.03.2016


OFFICE MEMORANDUM

Subject: Security clearance in respect of (i) Wireless Telegraph license (ii) Radio Amateur license.

The security clearance for the different categories of wireless licenses was used to be taken from the Ministry of Home Affairs. The matter was reviewed in the Ministry of Home Affairs and it has been decided to discontinue security clearance by the IB/MHA for the following cases:

- a) Application of firm/individual for grant of Wireless Telegraph license in non-disturbed areas. However, security verification in respect of the applicants located in J&K, North-Eastern States and LWE affected areas will continue to be referred to the intelligence Bureau. A list of LWE affected areas is enclosed at Annexure-I.
 - b) Application of Indian nationals/foreigners for grant of Radio Amateur license.
2. The above orders will be applicable with immediate effect including the cases pending with the Intelligence Bureau/MHA.
 3. This has the approval of the competent Authority.

Encl: Annexure-I


(D. JHA)

Sr. Deputy Wireless Adviser

To,

1. Director (WMO), Wireless Monitoring Organisation (HQ), Pushpa Bhawan, New Delhi.
2. Sr. DWA (V)/Sr. DWA (BW)/Sr.DWA (T)/Sr. DWA (P)/Sr. DWA (CoP)/ Sr DWA(SACFA), WPC Wing, Sanchar Bhawan, New Delhi.

Copy to:

1. RLO (W)/RLO(S)/RLO (N)/RLO (E) and RLO (NE) for kind information and necessary action.

List of LWE affected Statewise 106 District

S.No.	State	Number of Districts	Name of Districts
1.	Andhra Pradesh	8	Anantapur, East Godavari, Guntur, Kurnool, Prakasam, Srikakulam, Visakhapatnam and Vizianagaram.
2.	Bihar	22	Arwal, Aurangabad, Bhojpur, East Champaran, Gaya, Jamui, Jehanabad, Kaimur, Munger, Nalanda, Nawada, Patna, Rohtas, Sitamarhi, West Champaran, Muzaffarpur, Sheohar, Vaishali, Banka, Lakhisarai, Begusarai and Khagaria.
3.	Chhattisgarh	16	Bastar, Bijapur, Dantewada, Jashpur, Kanker, Korea (Baikunthpur), Narayanpur, Rajnandgaon, Sarguja, Dhamtari, Mahasamund, Gariyaband, Balod, Sukma, Kondagaon and Balrampur.
4.	Jharkhand	21	Bokaro, Chatra, Dhanbad, East Singhbhum, Garhwa, Giridih, Gumla, Hazaribagh, Koderma, Latehar, Lohardagga, Palamu, Ranchi, Simdega, Saraikela-Kharaswan, West Singhbhum, Khunti, Ramgarh, Dumka, Deoghar and Pakur.
5.	Madhya Pradesh	1	Balaghat
6.	Maharashtra	4	Chandrapur, Gadchiroli, Gondia and Aheri
7.	Odisha	19	Gajapati, Ganjam, Keonjhar, Koraput, Malkangiri, Mayurbhanj, Navrangpur, Rayagada, Sambhalpur, Sundargarh, Nayagarh, Kondhamal, Deogarh, Jajpur, Dhenkanal, Kalahandi, Nuapada, Bargarh and Bolangir.
8.	Telangana	8	Adilabad, Karimnagar, Khammam, Medak, Mehboobnagar, Nalgonda, Warrangal and Nizamabad.
9.	Uttar Pradesh	3	Chadauli, Mirzapur and Sonebhadra
10.	West Bengal	4	Bankura, West Medinipur, Purulia and Birbhum
Total		106	



**Government of India
Ministry of Communications & I.T.
Department of Telecommunications
WPC Wing**

No. L-14011/255/2004-AMT

Dated: 13/8/2010

Office Memorandum

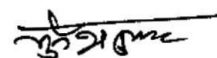
Subject: Guidelines and clarification in the context of Indian Wireless Telegraph(Amateur Service) Amendment Rules,2009 dated 1st April,2010 and Indian Wireless Telegraphs(Amateur Service)Amendment Rules,2005 dated 9th June,2005

The undersigned is directed to refer the amendment rules mentioned above and to inform that they have come into effect from the date of issue of the last amendment. i.e. from 1st April, 2010 onwards.

2. The following guidelines are being issued to bring clarity to all those Amateurs, existing as well as the prospective Amateurs in India in the light of the above amendments.

3. The major changes in the licensing rules are tabulated below that compares the position before and after the amendment.

Sl no	Category	Existing	As per Amendment
1	Licenser categories	1. Adv. Grade 2. Gr.I. 3. Gr.II. 4. Gr.II(R) 5. SWL	1. General. 2. Restricted.
2	Examination Fee	Rs.10 (Rest. & Gr. II), Rs. 20(Gr.-I), Rs. 25 (Adv. Gr.)	Rs.100/- for each grade.
3	Period of Validity	2 and 5 years	20 years and lifetime.
4	Licence Fee	Rs. 25(Rest. & Gr.II),Rs. 40 (Gr.-I), Rs.50 (Adv. Gr.) for 2 years Rs. 60(Rest.& Gr.II), Rs. 40 (Gr.-I), Rs.50 (Adv. Gr.) for 5 years.	Rs.1000/- for 20 years and Rs. 2000/- for lifetime for each grade.
5	Renewal.	----do-----	20 years and Rs.1000/-



- 2 -

6	Period of late renewal and surcharge.	5 Years. Rs.10/- for every half year	5 Years. Rs.100/- for every half year or part thereof.
7	Fee for change of location:	Rs. 5/-	Rs.200/-
8	Fee for mobile endorsement:	Rs. 10/-	Rs.200/-
9	Fee for issue of duplicate of licence:	Rs. 10/-	Rs. 100/-
10	Fee for duplicate of renewal licence slip:	Rs. 5/-	Rs. 100/-

4. The existing Grade II and Restricted category shall be migrated to the new 'Restricted' category at the time of their next renewal after the payment of revised fees for 20 years or lifetime as the case may be at the request of the applicant. This is also applicable to those whose case sheets are pending at WPC for issue of new license. The old license type will be indicated in their license to distinguish them from those who seek licensee afresh based on the new notification.

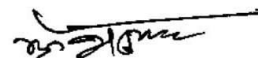
5. It is also desired that those who apply for the renewal should register in the WPC website and file their application 'online' also. The request for renewal should enclose the Acknowledgement slip for the 'online' submission along with the demand draft and other documents.

6. Those who have qualified in the Amateur examination and yet to receive the license may receive a communication from this Ministry for the payment of revised fees. This letter shall be issued only after the Intra-Ministerial clearance is received from the concerned Ministry. It is therefore requested that the license fees should not be sent without receiving any letter from this Ministry.

7. Those licensees who have already applied for renewal and who are yet to receive the renewal certificate may send the request along with the necessary fees. i.e. Rs.1000 for 20 years and Rs.2000 for Lifetime. The option for 20 years or lifetime should be clearly mentioned in the application form.

8. The frequency, emission and power authorized to the Amateurs in India have been revised as per Annexure-I. These are issued in the light of the NFAP 2008, which is already available on the WPC website.

9. The NFAP review committee is periodically meeting to discuss the changes that are required in the spectrum management in India considering the technical changes that happens in India, Industrial development/technological transfers into India, ITU



- 3 -

regulations etc. The Amateur clubs who advocate the causes of the Amateurs are requested to actively participate in this committee to put forward any new proposals with regard to the frequency bands, power of transmission etc used by Amateur in India. No proposal shall be considered by WPC unless it is accepted by the NFAP review committee.

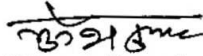
10. The revised syllabus for the Amateur is placed at Annexure II of this OM. The exams as per the new pattern shall be conducted by the various Wireless Monitoring Stations. The applicants may contact the respective Monitoring stations for the schedule of the examination.

11. The call-sign block VU2 shall be reserved for "General" grade and block VU3 to "Restricted " Grade for future licences.

12. This O.M shall supercede the "Frequency bands, Emission and Power that was notified by WPC Wing through its notification dated 4th October 1985.

13. For further clarification, comments if any, the undersigned may be contacted.

Encl: As above


(Munesh Kumar)
Assistant Wireless Advisor.

To,
All concerned

Copy to:

1. Director (WM), Wireless Monitoring Headquarters, Pushpa Bhawan.
2. Engineer-in-Charge(ER/WR/NR/SR)
3. JWA/DWA Regional Licensing Office, Delhi, Mumbai, Chennai, Kolkata, Shillong.

Annexure-I

Category of License (New) and Bands	Frequency bands	Emission	Max DC Input Power unless Otherwise specified	Remarks
Restricted Grade	1820-1860* KHz	A3E,H3E, J3E,R3E	50 watts	Old "Grade II" Licensees are also authorized to use A1A emission in these bands.
	3500-3700* KHz			
	3890-3900* KHz			
	7000-7100KHz			
	7100-7200 KHz			
	14000-14350 KHz			
	18068-18168\$ KHz			
	21000-21450 KHz			
	24890-24990\$ KHz			
	28000-29700 KHz			
	50-54 MHz	F1B,F2B, F3E,F3C	10 Watts	
144-146 MHz	-Do-	10 Watts	Old "Grade II" Licensees are also authorized to use A1A and A2A emissions in these bands	
434-438@ MHz				
General Grade	1820-1860* KHz	A1A,A2A,A3E,H3E, J3E,R3E, F1B,F2B, F3E,F3C, A3C,A3F	400 Watts	
	3500-3700* KHz			
	3890-3900* KHz			
	7000-7100 KHz			
	7100-7200 KHz			
	14000-14350 KHz			
	18068-18168\$ KHz			
	21000-21450 KHz			

General Grade	24890-24990\$ KHz	A1A,A2A,A3E,H3E, J3E,R3E, F1B,F2B, F3E,F3C, A3C,A3F	400 Watts	
	28000-29700 KHz			
	50-54 MHz	F1B,F2B, F3E,F3C	25 Watts	
	144-146MHz	-Do-	25 Watts	
	434-438@MHz	-Do-	25Watts	
	5725-5840@MHz			

* On primary shared basis as per the relevant provision of Radio Regulations.

\$ Authorization is on non-interference and non protection basis.

@ On secondary basis as per the relevant provisions of Radio Regulations.

Note:

(i) All the allocation subject to the relevant provisions of the Radio Regulations. Amateur satellite service is permitted for General Grade in the appropriate sub bands in accordance with Radio Regulations and in those cases the maximum output RF power (eirp) is 30 dBw.

(ii). The above authorization is subject to site clearance as per the procedure prescribed by the Standing Advisory committee on Radio frequency allocation (SACFA) as applicable.

(iii) For A3F emission, the transmission shall be restricted to call-sign of the station, location and other particular of the station. They shall be limited to point to point test transmission employing a standard interlace and scanning with a bandwidth not more than 4 KHz.

(iv) DC input power is the total direct current power input to the final stage of the transmitter.

Annexure II
SYLLABUS

**SYLLABUS AND THE DETAILS OF EXAMINATIONS FOR THE AWARD OF
AMATEUR STATION OPERATOR'S LICENCE (Restricted) and (General)**

1. The examination shall consist of the following two parts:

PART I - Written Test

It shall comprise of one paper containing two sections as under:

Section A: Radio Theory and Practice

Note- Applicants holding degree in Engineering/Science or Diploma in Engineering and having studied electronics or telecommunications shall be exempted from appearing in Section A of Part-I of the test.

Section B: National and International Telecommunication Union (ITU) Radio Regulations applicable to the operation of amateur station and those relating to the working of station generally.

PART II -- Morse (Only for General Certificate)

Morse reception and sending (8 wpm)

2. Detailed syllabus:

2.1 Amateur Station Operator's Licence (Restricted) Examination

Part I – Written Test

Section A: Radio Theory and Practice:

(i) Elementary Electricity and Magnetism:

1. Elementary theory of electricity- Passive Devices (Resistors, Inductors, Transformers, Capacitors) and Active Devices (Diodes, Transistors).
2. Kirchoff's current and voltage laws- Simple applications of the law.
3. Conductors and Insulators – Properties, units of circuit elements, Ohm's Law.
4. Conductance – Definition of self and mutual inductance,
5. Power and energy- Definition, Units and simple applications.
6. Permanent magnets and electromagnets – Definition, properties and their use.

(ii) Elementary Theory of Alternating Currents:

1. Sinusoidal alternating quantities – Definition of peak, instantaneous, R.M.S., average values and its simple application.
2. Phase, reactance, impedance, power factor- Definition, units and simple applications.
3. Parallel and Series Circuits - series and parallel circuits containing resistance, inductance, capacitance, resonance in series and parallel circuits, coupled circuits.
4. Rectifiers, voltage regulation and smoothing circuits - Their basic knowledge and simple application.

(iii) Elementary theory of Semiconductor Devices:

1. Diodes and transistors- Properties use of these devices for construction of amplifiers, oscillators, detectors and frequency changers.

(iv) Radio Receivers :

1. Principles and operation of T.R.F. and super heterodyne receivers.
2. CW reception.

-2-

3. Receiver characteristics-sensitivity, selectivity, fidelity, adjacent channel and image interference, A.V.C. and squelch/circuits, signal to noise ratio.

(v) Transmitter :

1. Principles and operation of low power transmitter, crystal oscillators, stability of oscillators.
2. Basic knowledge about construction of Semiconductor based transmitters.

(vi) Radio Wave Propagation:

1. Basic knowledge of Electromagnetic Spectrum.
2. Wave length, frequency, frequency bands.
3. Nature and propagations of radio waves, ground and sky waves, space waves, skip distance, skip zone and fading.

(vii) Aerials: Common types of transmitting and receiving aerials.

(viii) Frequency Measurement: Measurement of frequency and use of simple frequency meters.

Section B: Radio Regulations:

(a) Knowledge of :- (i) the Indian Wireless Telegraph Rules, 1973.

(ii) the Indian Wireless Telegraphs (Amateur Service) Rules, 1978 and amendments.

(b) Knowledge of ITU Radio Regulations as relating to the operation of amateur stations with particular emphasis on the following:

Item	Provision of Radio Regulation (2008 edition)
Designation of Emission.	Appendix-I
Phonetic alphabets and figure code.	Appendix 14
Nomenclature of the Frequency & Wavelength.	Article 2
Frequency allocation for Amateur Services.	Article 5

-4-

Interference, measures against interference & tests.	Article 15
Identification of Stations.	Article 19.
Distress Signal, Call and Message. Transmissions.	Article 30, 31, 32 & 33.
Urgency Signal, Call and Message Transmissions.	Article 30, 31, 32 & 33.
Amateur Station.	Article 25
Call Sign series allocated to India.	Appendix 42

(c) Standard Frequency and Time Signals Services in the World.

(d) The following 'Q' codes and abbreviations shall have the same meaning as assigned to them in the Convention.

QRA, QRG, QRH, QRI, QRK, QRL, QRM, QRN, QRQ, QRS, QRT, QRU, QRV, QRW, QRX, QRZ, QSA, QSB, QSL, QSO, QSU, QSV, QSW, QSX, QSY, QSZ, QTC, QTH, QTR, and QUM.

Abbreviations: AA, AB, AR, AS, C, CFM, CL, CQ, DE, K, NIL, OK, R, TU, VA, WA, WB.

Note: -

1. The written test will be of **one hour** duration. The maximum marks will be 100 and candidate must secure at least **40 %** in each section and **50%** in aggregate for a pass.
2. There will be **NO Morse test for restricted grade.**

2.2. Amateur Station Operators' License (General) Examination

Part I - Written Test

Section A: Radio Theory and Practice

In addition to the syllabus prescribed for Amateur Station Operator's License (Restricted) examination, following items shall be included in the syllabus of Amateur Station Operators' license (General) examinations:-

- (i) **Principles of Communications:**

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1. Elementary idea of analog and digital communication.
2. Need for modulation; Modulation- amplitude, frequency and pulse modulation.
3. Elementary idea about demodulation.

(ii) Alternating current:

1. Basic concepts on construction of transformers.
2. Definition of Transformer losses.
3. Transformer as a matching device

(iii) Semi Conductor devices and Transistors:

1. Elementary principles of conduction and construction;
2. Symbols and biasing methods.

(iv) Power Supplies:

1. Basic knowledge of half wave and full wave rectifiers.
2. Definition and application of Bridge rectifier, smoothing and regulating circuits.

(vii) Transmitters and Receivers:

1. Elementary principles of transmission and reception of Facsimile and Television signals,

(viii) Propagation:

1. Characteristics of ionosphere and troposphere.
2. Properties of ionosphere layers.
3. Critical frequency and day / night frequencies.

(ix) Aerials:

-6-

1. Principles of radiation.
2. Aerials for different frequency bands including aerials for microwave,

(x) **Space Communications:**

1. Elementary principles of communication via satellites.

Section B: Radio Regulations:

Same syllabus as prescribed for Amateur Station Operators' License (Restricted) examination.

The above written test will be of **two hour** duration. The maximum marks will be 100. A candidate must secure at least 50 % in each section and 60% in aggregate for a pass.

Part II - Morse

Morse receiving: (Speed: 8 words per minute)

The test piece will consist of a plain language passage of 200 characters which may comprise of letters, figures. Test piece may also contain the following punctuations ie full stop; comma; semi colon; break-sign; hyphen and question mark. The average words shall contain five characters and each figure and punctuation will be counted as two characters. The test will be for five consecutive minutes at a speed of 8 words per minute. A short practice piece of one minute shall be sent at the prescribed speed before the start of the actual test. Candidates will not be allowed more than one attempt in Morse reception and sending test. The test may be written in ink or pencil but must be legible. Over-writing will be treated as error. If any correction is required the candidate may struck the wrong character and write the correct above the character. More than 5 errors will disqualify a candidate. However if a candidate receives without any error in any part of the passage continuously for one minute duration will be declared successful in the Morse reception test.

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Morse Sending (Speed: 8 words per minute)

The test piece will be similar to Morse Receiving test for Amateur Station Operators' License (General) examination. Candidates are required to send for five consecutive minutes at a speed not less than 8 words per minute. Other conditions are the same as applicable to Amateur Station Operators' License (General) examination.

Note- A candidate shall have to pass both receiving and sending simultaneously.



भारत का राजपत्र The Gazette of India

असाधारण
EXTRAORDINARY
भाग II—खण्ड 3—उप-खण्ड (i)
PART II—Section 3—Sub-section (i)
प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 166]

नई दिल्ली, बृहस्पतिवार, अप्रैल 1, 2010/चैत्र 11, 1932

No. 166]

NEW DELHI, THURSDAY, APRIL 1, 2010/CHAITRA II, 1932

संचार एवं सूचना प्रौद्योगिकी मंत्रालय

(बेतार आयोजना और समन्वय)

अधिसूचना

नई दिल्ली, 1 अप्रैल, 2010

सा.का.नि. 280(अ).—केन्द्रीय सरकार, भारतीय तार अधिनियम, 1885 (1885 का 13) की धारा 4 और धारा 7 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, भारतीय बेतार तार-यांत्रिकी (प्रेयानुशीली सेवा) नियम, 1978 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात् :-

1. (1) इन नियमों का संक्षिप्त नाम भारतीय बेतार तार-यांत्रिकी (प्रेयानुशीली सेवा) संशोधन नियम, 2009 है।
- (2) ये राजपत्र में प्रकाशन की तारीख को प्रवृत्त होंगे।

2. बेतार तार-यांत्रिकी (प्रेयानुशीली सेवा) नियम, 1978 (जिसे इसमें इसके पश्चात् 'उक्त नियम' कहा गया है) के नियम 8 में,—
(क) उप-नियम (1) के स्थान पर निम्नलिखित उप-नियम को प्रतिस्थापित किया जाएगा, नामतः :-

"पाठ्यक्रम के अनुसार, अनुज्ञप्ति के अनुदान के लिए परीक्षाएं ऐसे स्थान पर और ऐसी तारीख को ली जाएंगी, जो केन्द्रीय सरकार द्वारा समय-समय पर अधिसूचित की जाएं।"

- (ख) अन्त में आने वाले टिप्पण का लोप किया जाएगा।

3. उक्त नियमों के नियम 13 में "जैसे कि इन नियमों के उपाबंध-V में दिया गया है", शब्दों के स्थान पर "केन्द्रीय सरकार द्वारा प्राधिकृत किए अनुसार" शब्द रखे जाएंगे।

4. उक्त नियमों से संलग्न "परिशिष्ट I", "परिशिष्ट II", और "उपाबंध V" का लोप किया जाएगा।

[फा. सं. एल-14011/255/2004-एमटी]

वी. जे. क्रिस्टोफर, उप बेतार सलाहकार

पाद टिप्पण :- मूल नियम भारत के राजपत्र, भाग II, खण्ड-3, उप-खण्ड (i) में सं. सा.का.नि. 1499/78 के तहत तारीख 25 अक्टूबर, 1978 द्वारा प्रकाशित किए गए थे और सं. सा.का.नि. 385(अ), तारीख 9 जून, 2005 द्वारा उनमें अंतिम बार संशोधन किया गया था।

MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY

(Wireless Planning and Co-ordination)

NOTIFICATION

New Delhi, the 1st April, 2010

G.S.R. 280(E).—In exercise of the powers conferred by Sections 4 and 7 of the Indian Telegraph Act, 1885 (13 of 1885), the Central Government hereby makes the following rules further to amend the Indian Wireless Telegraphs (Amateur Service) Rules, 1978, namely :—

1. (1) These rules may be called the Indian Wireless Telegraphs (Amateur Service) Amendment Rules, 2009.
- (2) They shall come into force on the date of their publication in the Official Gazette.
2. In the Indian Wireless Telegraphs (Amateur Service) Rules, 1978 (hereinafter referred to as the said rules), in rule 8,—
 - (a) for sub-rule (1), the following sub-rule shall be substituted, namely :—

“The examinations for the grant of licence as per syllabus shall be held at a place and on a date as may be notified by the Central Government from time to time.”;
 - (b) the Note occurring at the end shall be omitted.
3. In rule 13 of the said rules, for the words “as are set out in Annexure-V of these rules”, the words “as authorized by the Central Government” shall be substituted.
4. “Appendix-I”, “Appendix-II” and “Annexure-V” annexed to the said rules shall be omitted.

[F. No. L-14011/255/2004-AMT]

V. J. CHRISTOPHER, Dy. Wireless Adviser

Foot Note:—The Principal rules were published in the Gazette of India, Part II, Section 3, Sub-section (i) *vide* No. G.S.R. 1499/78, dated the 25th October, 1978 and the last amendment was made *vide* No. G.S.R. 385(E), dated the 9th June, 2005.

भारत का राजपत्र The Gazette of India

असाधारण
EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i)
PART II—Section 3—Sub-section (i)

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 251]
No. 251]

नई दिल्ली, बृहस्पतिवार, जून 9, 2005/ज्येष्ठ 19, 1927
NEW DELHI, THURSDAY, JUNE 9, 2005/JYAISTHA 19, 1927

संचार और सूचना प्रौद्योगिकी मंत्रालय

(बेतार योजना और समन्वय)

अधिसूचना

नई दिल्ली, 9 जून, 2005

सा.का.नि. 385(अ).—केन्द्रीय सरकार, भारतीय तार अधिनियम, 1885 (1885 का 13) की धारा 4 और धारा 7 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, भारतीय बेतार-तार यांत्रिकी (प्रेयानुशीली सेवा) नियम, 1978 का और संशोधन करने के लिए, निम्नलिखित नियम बनाती है, अर्थात् :—

1. संक्षिप्त नाम और प्रारंभ.—(1) इन नियमों का संक्षिप्त नाम भारतीय बेतार-तार यांत्रिकी (प्रेयानुशीली सेवा) संशोधन नियम, 2005 है।
(2) ये राजपत्र में प्रकाशन की तारीख को प्रवृत्त होंगे।
2. भारतीय बेतार-तार यांत्रिकी (प्रेयानुशीली सेवा) नियम, 1978 (जिसे इसमें इसके पश्चात् 'उक्त नियम कहा गया है'), नियम 4 के स्थान पर निम्नलिखित नियम रखा जाएगा, अर्थात् :—
“4. अनुज्ञप्तियों के प्रवर्ग : अनुज्ञप्तियों के दो प्रवर्ग होंगे, अर्थात् :—
(i) प्रेयानुशीली बेतार-तार केन्द्र अनुज्ञप्ति (साधारण)
(ii) प्रेयानुशीली बेतार-तार केन्द्र अनुज्ञप्ति (निर्बंधित)।”
3. उक्त नियम के नियम 5 में,—
(क) उपनियम (1) के परन्तुक में, “केन्द्र अनुज्ञप्ति श्रेणी-2” शब्द और अंकों के स्थान पर “केन्द्र अनुज्ञप्ति (निर्बंधित)” शब्द और कोष्ठक रखे जाएंगे।
(ख) उपनियम (2) में, “उपनियम (1) के खण्ड” से प्रारम्भ होने वाले और “अनुदत्त कर सकती है” से समाप्त होने वाले शब्दों, कोष्ठकों, अक्षरों और अंकों के स्थान पर निम्नलिखित शब्द, कोष्ठक, अक्षर रखा जाएगा, अर्थात् :—
“उपनियम (1) के खण्ड (ख) में किसी बात के होते हुए भी, केन्द्रीय सरकार 12 से 18 वर्ष के मध्य की आयु के वास्तविक प्रयोगकर्ताओं को प्रेयानुशीली बेतार-तार सेवा केन्द्र अनुज्ञप्ति (साधारण) या प्रेयानुशीली बेतार-तार केन्द्र अनुज्ञप्ति (निर्बंधित) अनुज्ञप्ति अनुदत्त कर सकती है :”।

4. उक्त नियम के नियम 7 में,—

(क) खण्ड (ख) के स्थान पर निम्नलिखित खण्ड रखा जाएगा, अर्थात् :—

“(ख) ऐसे व्यक्ति निम्नलिखित मापमान पर फीस का संदाय करेंगे, अर्थात् :”

(i) प्रैयानुशीली केन्द्र प्रचालन परीक्षा (साधारण) — 100/- रुपए

(ii) प्रैयानुशीली केन्द्र प्रचालन परीक्षा (निर्बंधित) — 100/- रुपए

(ख) खण्ड (ग) का लोप किया जाएगा।

5. उक्त नियम के नियम 8 के उपनियम (2) के स्थान पर निम्नलिखित नियम रखा जाएगा, अर्थात् :—

“(2) इन नियमों के उपाबन्ध-2 में अनुज्ञप्ति के लिए कोई आवेदन, वांछित परीक्षा की तारीख से पूर्व एक मास के अपश्चात् नहीं किया जाएगा।”

6. उक्त नियम के नियम 11 के स्थान पर निम्नलिखित नियम रखा जाएगा, अर्थात् :—

“11. विधिमाम्यता की अवधि—(1) इन नियमों के अधीन अनुदत्त कोई अनुज्ञप्ति, अनुज्ञप्ति के प्रारम्भ की तारीख से बीस वर्ष या जीवनपर्यन्त की अवधि के लिए जारी किया जाएगा और जारी किए जाने के माह के पूर्ववर्ती माह की अंतिम तारीख को अवसान होगा।

स्पष्टीकरण :—इस नियम के प्रयोजनों के लिए “जीवनपर्यन्त” पद से अनुज्ञप्तिधारक का 80 वर्ष की आयु प्राप्त होना अभिप्रेत है।

(2) जीवनपर्यन्त अनुज्ञप्ति की विधिमाम्यता अनुज्ञप्तिधारक के विनिर्दिष्ट अनुरोध पर बिना किसी अतिरिक्त संदाय के एक समय पर 10 वर्ष के लिए विस्तार किया जा सकता है।”

7. उक्त नियम के नियम 12 में उपनियम (1) के स्थान पर निम्नलिखित उपनियम रखा जाएगा, अर्थात् :—

“(1) केन्द्रीय सरकार के अनुदेश प्राप्त होने पर और उसके द्वारा निदेशित रीति से अनुज्ञप्ति फीस उस सरकार को निम्नलिखित मापमान के अनुसार संदेय होगी :—

अनुज्ञप्ति का प्रवर्ग	फीस रुपए में	
	20 वर्ष	जीवनपर्यन्त
(i) प्रैयानुशीली बेतार-तार सेवा केन्द्र अनुज्ञप्ति (साधारण)	1000	2000
(ii) प्रैयानुशीली बेतार-तार सेवा केन्द्र अनुज्ञप्ति (निर्बंधित)	1000	2000”

8. उक्त नियम के नियम 14 के उपनियम (1) में :—

(क) “यथास्थिति, दो या पांच वर्ष” शब्दों के स्थान पर “बीस वर्ष” शब्द रखे जाएंगे;

(ख) खंड (ग) के स्थान पर निम्नलिखित खण्ड रखा जाएगा, अर्थात् :—

“(ग) 1000/- रुपए फीस संदाय करेगा”

9. उक्त नियम के नियम 15 में,—

(i) “दो वर्ष” शब्दों के स्थान पर “पांच वर्ष” शब्द रखे जाएंगे;

(ii) “दस रुपए” शब्दों के स्थान पर “सौ रुपए” शब्द रखे जाएंगे;

10. उक्त नियम के नियम 17 के परंतुक में “पांच रुपए” शब्दों के स्थान पर “दो सौ रुपए” शब्द रखे जाएंगे।”

11. उक्त नियम के नियम 18 के उपनियम (1) में,—

(क) खंड (ii) के स्थान पर निम्नलिखित खण्ड रखा जाएगा, अर्थात् :—

“(ii) आवेदक, प्रैयानुशीली बेतार-तार केन्द्र अनुज्ञप्ति (साधारण) धारक हो;”

(ख) खण्ड (iii) में “10 रुपए” अकों और शब्दों के स्थान पर “200/- रुपए” शब्द और अंक रखे जाएंगे।

12. उक्त नियम के नियम 20 के उपनियम (2) में,—

(क) खण्ड (i) में “10/- रुपए” अकों और शब्दों के स्थान पर “100/- रुपए” अंक और शब्द रखे जाएंगे।

(ख) खण्ड (ii) में “5/- रुपए” अकों और शब्दों के स्थान पर “100/- रुपए” अंक और शब्द रखे जाएंगे।

[फा. सं. एल.-14011/255/2004-एएमटी]

सी. रामाराव, सहायक बेतार सलाहकार

टिप्पण्य : मूल नियम भारत के राजपत्र, भाग II, खंड 3, उप-खण्ड (i) में अधिसूचना सं. सा.का.नि. 1499/78 तारीख 25 अक्टूबर, 1978 द्वारा प्रकाशित किए गए थे और सं. सा.का.नि. 1225, तारीख 17 अक्टूबर, 1984 द्वारा संशोधित किए गए।

MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY

(Wireless Planning and Co-ordination)

NOTIFICATION

New Delhi, the 9th June, 2005

G.S.R. 385(E).— In exercise of the powers conferred by sections 4 and 7 of the Indian Telegraph Act, 1885 (13 of 1885), the Central Government hereby makes the following rules further to amend the Indian Wireless Telegraphs (Amateur Service) Rules, 1978, namely:-

1. Short title and commencement- (1) These rules may be called the Indian Wireless Telegraphs (Amateur Service) Amendment Rules, 2005.
- (2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Indian Wireless Telegraphs (Amateur Service) Rules, 1978 (hereinafter referred to as 'the said rules'), for rule 4, the following rule shall be substituted, namely:-

“4. Categories of licence: There shall be two categories of licences, namely:-
 (i) Amateur Wireless Telegraph Station Licence (General)
 (ii) Amateur Wireless Telegraph Station Licence (Restricted).”

3. In rule 5 of the said rules,-

(a) in sub-rule (1), in the proviso, for the words and figure “ Station Licence Grade- II”, the words and brackets “Station Licence (Restricted)” shall be substituted;

(b) in sub-rule (2), for the portion beginning with the words “ Notwithstanding any thing contained” and ending with the words, Short Wave Listners' Amateur Wireless Telegraph Station Licence:”, the following words, brackets and letters shall be substituted, namely:-

“ Notwithstanding anything contained in clause (b) of sub-rule (1), the Central Government may grant to bonafide experimenters between the age of 12 and 18 years, Amateur Wireless Telegraph Station Licence (General) or Amateur Wireless Telegraph Station Licence(Restricted):”.

4. In rule 7 of the said rules, -

(a) for clause (b), the following clause shall be substituted, namely:-

“ (b) such person pays the fees on the following scale, namely :

- | | |
|--|--------------|
| (i) Amateur Station Operators' Examination (General) | - Rs. 100/- |
| (ii) Amateur Station Operators' Examination (Restricted) | - Rs. 100/-” |

(b) clause (c) shall be omitted.

5. In rule 8 of the said rules, for sub-rule (2) the following sub-rule shall be substituted, namely :-

“ (2) An application for licence in Annexure-II to the rules shall be submitted not later than one month before the date of desired examination.”

6. For rule 11 of the said rules, the following rule shall be substituted, namely:-

“11. Period of Validity- (1) A licence granted under these rules shall be issued for a period of 20 years or lifelong as the case may be commencing on the date of issue of the licence and expiring on the last day of the month preceding the month of issue.

Explanation:- For the purposes of this rule, the expression “life long” means till the licence holder attains the age of 80 years.

(2) Validity of lifelong licence may be extended on specific request of the licence holder for 10 years at a time without any additional payment.”

7. In rule 12 of the said rules, for sub-rule(1), the following sub-rule shall be substituted, namely :-

“(1) A licence fee on the following scale shall be payable to the Central Government on receipt of instructions from that Government and in the manner directed by it:-

Category of licence	Fees in Rupees	
	20 Years	Life long
(i) Amateur Wireless Telegraph Station Licence (General)	1000	2000
(ii) Amateur Wireless Telegraph Station Licence (Restricted)	1000	2000

8. In rule 14 of the said rules, in sub-rule (1):-

(a) for the words “two or five years, as the case may be,” the words “twenty years,” shall be substituted;

(b) for clause (c), the following clause shall be substituted, namely:-

“(c) Pays a fee of Rs. 1000/-”

9. In rule 15 of the said rules,-

(i) for the words “two years”, the words “five years” shall be substituted;

(ii) for letters and figures “Rs10/-”, the letters and figures , “Rs100/-” shall be substituted “

10. In the said rules, in the proviso of rule 17, for the words “rupees five” , “Rs.200/-” shall be substituted .

11. In the rule 18 of the said rules, in sub-rule (1),

(a) for clause (ii), the following clause shall be substituted namely:-

“(ii) the applicant holds an Amateur Wireless Telegraph Station Licence (General)”

(b) in clause (iii), for the letters and figures “Rs. 10/-”, the letter and figures “Rs. 200/-” shall be substituted.

12. In the rule 20 of the said rules, in sub-rule (2) , -

(a) in clause (i), for the letters and figures “Rs. 10/-”, the letters and figures “Rs. 100/-” shall be substituted;

(b) in clause (ii), for the letters and figures “Rs. 5/-”, the letters and figures “Rs. 100/-” shall be substituted.

[F. No. L-14011/255/2004-AMT]

C. RAMA RAO, Assistant Wireless Adviser

Note : The Principal rules were published in the Gazette of India, Part II, Section 3, Sub-section (i) vide No. G.S.R. 1499/78 dated the 25th October, 1978 and amended vide No. G.S.R. 1225/84 dated 17th October, 1984.

COP CELL



सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA

संचार मंत्रालय
MINISTRY OF COMMUNICATIONS

भारतीय बेतार तार-यांत्रिकी
(प्रेयानुशीली सेवा) नियम, 1978

**THE INDIAN WIRELESS TELEGRAPHS
(AMATEUR SERVICE) RULES, 1978**

PRINTED IN INDIA BY THE MANAGER, GOVERNMENT OF INDIA PRESS, NASIK-422 006 AND
PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, CIVIL LINES, DELHI-110 054
1979

सूचना

इस अनुज्ञप्ति के नवीकरण के लिये आवेदन इस अनुज्ञप्ति के समाप्त होने से कम से कम दो मास पूर्व संचार मंत्रालय, भारत सरकार, नई दिल्ली-1, को लिखित रूप में किया जाना चाहिये।

2. नवीकरण फीस केवल बैंक ड्राफ्ट द्वारा भेजें।

बैंक ड्राफ्ट "वेतन और लेखा अधिकारी" (सचिवालय), संचार मंत्रालय, नई दिल्ली के नाम देय हैं और भारतीय स्टेट बैंक, नई दिल्ली, मुख्य शाखा, पार्लियामेंट स्ट्रीट, नई दिल्ली में भुगतानी हों।

NOTICE

Application for renewal of this licence must be made in writing to the Ministry of Communications, Government of India, New Delhi-1, at least two months before the date upon which the licence expires.

2. The renewal fee should be paid by Bank Draft only.

The Bank Drafts should be drawn in favour of the "Pay and Accounts Officer, (Secretariat), Ministry of Communications, New Delhi" payable at the State Bank of India, Main Branch, Parliament Street, New Delhi.

भारत सरकार
GOVERNMENT OF INDIA



संचार मंत्रालय
MINISTRY OF COMMUNICATIONS

भारतीय बेतार तार-यांत्रिकी
(प्रेयानुशीली सेवा) नियम, 1978

**THE INDIAN WIRELESS TELEGRAPHS
(AMATEUR SERVICE) RULES, 1978**

GOVERNMENT OF INDIA
Ministry of Communications
(WPC Wing)

New Delhi, the 25th Oct., 1978

NOTIFICATION

The Indian Wireless Telegraphs (Amateur Service) Rules, 1978

G.S.R. No. 1499/78.— In exercise of the powers conferred by section 4 and section 7 of the Indian Telegraph Act, 1885 (13 of 1885), the Central Government hereby makes the following rules for the conduct of wireless telegraphs in the amateur service, established, maintained, and worked by persons licensed under the said Act.

1. Short title and commencement :

- (1) These rules may be called the Indian Wireless Telegraphs (Amateur Service) Rules, 1978.
- (2) They shall come into force on the 1st January, 1979.

2. Definitions :

In these rules, unless the context otherwise requires,—

- (a) 'Act' means the Indian Telegraph Act, 1885 (13 of 1885);
- (b) 'amateur service' means a service of self training, inter-communication and technical investigations carried on by amateurs that is, by persons duly authorised under these rules interested in radio technique solely with a personal aim and without pecuniary interest; 'amateur station', and 'station' shall have the meaning respectively assigned to them in the Convention;
- (c) 'Convention' means the International Telecommunication Convention, Malaga-Torremolinos, 1973, for the time being in force and the Radio Regulations and the Additional Radio Regulations annexed thereto but does not include any portion of the said Convention or Regulations regarding which the Central Government makes any reservation;
- (e) 'licence' means a licence granted under section 4 of the Act for an amateur wireless telegraph station.

3. Necessity for licence :

No person shall establish, maintain and work an amateur wireless telegraph station except under and in accordance with the terms and conditions of an appropriate licence under these rules.

4. Categories of licence :

There shall be four categories of licences, namely :

- (i) Advanced Amateur Wireless Telegraph Station Licence;
- (ii) Amateur Wireless Telegraph Station Licence, Grade-I;
- (iii) Amateur Wireless Telegraph Station Licence, Grade-II;
- (iv) Short Wave Listeners' Amateur Wireless Telegraph Station Licence.

5. Eligibility for licence :

(1) A licence may be granted subject to such conditions contained in Annexure I to these rules—

(i) to a person,—

- (a) who is a citizen of India;
- (b) who is not less than 18 years of age;
- (c) who, in case of Advanced Amateur Wireless Telegraph Station licence, has operated an Amateur station covered under Amateur Wireless Telegraph Station Licence, Grade II for at least three years or an Amateur Station covered under Amateur Wireless Telegraph Station Licence, Grade I for at least 2 years;

(d) who is the holder of a certificate or who qualifies the examination specified below, namely :—

(A) in the case of an Advanced Amateur Wireless Telegraph Station Licence—

- (i) a Radio-communication Operators' General Certificate, or
- (ii) a First or Second Class Radio-telegraph Operators' Certificate, or
- (iii) the Advanced Amateur Station Operators' Examination;

(B) in the case of an Amateur Telegraph Station Licence Grade I—

- (i) One of the certificate specified for item (A), or
- (ii) the Amateur Station Operators' Grade I examination;

(C) in the case of an Amateur Wireless Telegraph Station Licence Grade II—

- (i) One of the Certificates specified for item (B), or
- (ii) Special Radiotelegraph Operators' Certificate, or
- (iii) the Amateur Station Operators' Grade II Examination;

(ii) to a bonafide amateur radio society or club or a school, college, or an institution or a University in India, which have the aim of investigations in the field of radio or the training of persons in radio communication techniques :

Provided that the licence shall be issued in the name of an authorised official of the society or club or a school, college or an institute or a University in India holding a category of licence appropriate to the transmissions to be conducted by the proposed station.

(2) Notwithstanding anything contained in sub-clause (b) of clause (i) of sub-rule (1), the Central Government may grant, to bonafide experimenters between the ages of 16 and 18 years Amateur Wireless Telegraph Station Licence, Grade I and to those between the ages of 14 and 18 Amateur Wireless Telegraph Station Licence, Grade II or Short Wave Listners' Amateur Wireless Telegraph Station Licence :

Provided that the application for the grant of such licences shall be accompanied by a certificate from the head of the educational institution, recognised by a Board or University in India, attested by the applicant or from his legal guardian that the applicant is interested in and competent to conduct experiments in wireless telegraphy.

(3) Notwithstanding anything contained in sub-clause (d) of clause (i) of sub-rule (1), the Central Government may recognize, subject to any conditions it may prescribe from time to time such other radiotelegraph operators' certificates or Amateur Station Operators' Certificates as are issued by a competent authority in any other country as equivalent to qualifications referred to in sub-clause (d) of clause (i) of sub-rule (1) for the purpose of grant of a licence under these rules.

6. Application for licence :

An application for the grant of licence from—

- (a) an individual, or
- (b) an Amateur Radio Society or club or a school, college or an institute or a University in India—

shall be made to the Central Government in Annexure II or Annexure III respectively to these rules together with all the subsidiary forms and documents duly filled in and completed in all respects

7. Eligibility for admission to amateur station Operators Examination :

No person shall be eligible for admission to an examination for the grant of licence unless :—

- (a) such a person fulfils the provisions contained in sub-clauses (a), (b) and (c) of clause (i) of sub-rule (1) of rule 5;
- (b) such person pays the fees on the following scale, namely :—

(i) Advanced Amateur Station Operators' Examination	.. Rs. 25.00
(ii) Amateur Station Operators' Grade I Examination	.. Rs. 20.00
(iii) Amateur Station Operators' Grade II Examination	.. Rs. 10.00 and
- (c) a period of atleast one month has elapsed since he last appeared in an examination and failed

8. Examinations :

(1) The examinations* for the grant of a licence shall be held at a place** and on a date as may be notified by the Central Government from time to time.

(2) An application for licence in Annexure II or, as the case may be, in Annexure III to the rules shall be submitted not later than the 15th of the month preceding that in which it is desired to take the examination.

(3) Any person admitted to the examination and found guilty of impersonation or of submitting fabricated documents or documents which have been tampered with or of making statements which are incorrect or false or of suppressing material information or of using or attempting to use unfair means in the examination hall or otherwise resorting to any other irregular or improper means for obtaining admission to the examination may, in addition to rendering himself liable to criminal prosecution, be debarred either permanently or for a specified period from appearing in any of the examinations held for the award of licence under these rules:

Provided that no order under this sub-rule shall be made unless the person concerned has been given a reasonable opportunity or making a representation against the action proposed to be taken.

(4) If any person is found guilty of any malpractice referred to in sub-rule (3) after the grant of a licence to such person, the Central Government may, in addition to prosecuting him cancel the licence so given :

Provided that the Central Government may, pending the cancellation of the licence, suspend or endorse such licence :

Provided further that no order under this sub-rule shall be made unless the person concerned has been given a reasonable opportunity of making a representation against the action proposed to be taken.

NOTE : *The Syllabi for the examination are printed as Appendix I.

**The Schedule of examinations, normally conducted at various centres, is indicated in Appendix II.

9. Grant of licence :

Every category of licence shall be in the form set out in Annexure IV to these rules.

10. Observance of conditions of licence, Convention and rules under the Act :

(1) Every licensed amateur wireless telegraph station shall be established, maintained and worked in accordance with—

- (a) the conditions contained in Annexure I to these rules;
- (b) the provisions of the Convention;
- (c) the rules made by the Central Government under section 7 of the Act for the conduct of wireless telegraphs in so far as they are applicable.

(2) Notwithstanding sub-rule (1) the Central Government may modify, vary, cancel or revoke any of the conditions of licence contained in the said Annexure I at any time either by specific notice in writing to the licensee, or by means of a general notice published in the Official Gazette or in a newspaper published in New Delhi.

(3) The licensee shall at his own expense, give effect to any variations in the conditions of licence,

11. Period of validity :

A licence granted under these rules shall be issued for a period of two years commencing on the date of issue of the licence.

12. Fee for licence :

(1) A licence fee on the following scale shall be payable to the Central Government on receipt of instructions from that Government and in the manner directed by it :—

<i>Category of licence</i>	<i>Fees in Rupees</i>
(i) Advanced Amateur Wireless Telegraph Station Licence ..	50
(ii) Amateur Wireless Telegraph Station Licence, Grade I ..	40
(iii) Amateur Wireless Telegraph Station Licence, Grade II ..	25
(iv) Short wave Listeners' Amateur Wireless Telegraph Station Licence ..	25

(2) No holder of a licence shall be entitled to a refund of fees paid therefor on the ground of his inability to establish or make use of the licensed amateur station.

13. Authorised frequency bands, power and emission :

A holder of licence shall use, as appropriate to the licence, such frequency bands, power and classes of emission as are set out in Annexure V of these rules :

Provided that the Central Government may by special or general order make changes in the usage of frequency bands, power and types of emission where that Government is satisfied, that it is expedient to do so, keeping in view, among others, the provisions of the Convention, need for enforcement of better technical standards in respect of equipment and national and international radio interference pattern.

14. Renewal of licence :

(1) On the expiry of the validity of a licence, it may be renewed for a period of two years if the licensee,—

- (a) makes an application for renewal at least two months before the date of expiry of the licence,
- (b) has actively operated his station during the past two years prior to the date of expiry of his licence and submits documentary proof to this effect.

Explanation : In this clause 'actively operated' means that the licensee has communicated with other amateur radio stations on at least 100 occasions ; and in case of short wave Listeners' Amateur Wireless Telegraph Station Licence has intercepted amateur radio stations on at least 100 occasions;

- (c) has established, maintained and worked the licensed amateur station in accordance with the provisions of these rules and the conditions of licence during two years preceding the date of expiry of licence; and

- (d) pays fees on the following scale, namely :—

<i>Category of Licensee</i>	<i>Fees in rupees</i>
(i) Advanced Amateur Wireless Telegraph Station Licence	50-
(ii) Amateur Wireless Telegraph Station Licence, Grade I	40-
(iii) Amateure Wireless Telegraph Station Licence, Grade II ..	25-
(iv) Short Wave Listners Amateur Wireless Telegraph Station Licence, ..	25-

(2) The document showing the renewal of licence issued by the Central Government shall be kept along with the licence to which it refers.

(3) It shall not be obligatory for the Central Government to issue a notice that the licence is due for renewal.

15. Surcharge for late renewal :

A licence that is not renewed before its expiry shall automatically lapse :

Provided that this rule shall not apply if the licensee, within one calender month after the date of its expiry, complies the provision of sub-rule (1) of rule 14 and pays a surcharge of rupees ten.

16. Register for wirless telegraphy apparatus :

Every licensee shall maintain a register in respect of all wireless telegraphy apparatus established, maintained and worked by him at the amateur station in the form set out in Annexure VI of these rules.

17. Location of Amateur Station :

The location of the amateur station shall be specified in the licence alongwith the usual residence of the licensee endorsed therein and it shall be operated only from the place so fixed.

Provided that the Central Government may, permit the change of location if the licensee applies for it in wirting giving particulars of the change and submits the licence for endorsement, and pays a fee of rupees five.

18. Portable and mobile amateur station :

Without prejudice to rule 17, the Central Government may in addition to an amateur station licensed for a specified location issue a special authorisation to establish, maintain and work an amateur station as a portable station or a mobile station fixed on board a motor vehicle for a specific period in special occasions like exhibitions and jamboories or for specific technical investigations in radio if—

- (i) application for such authorisation is made well in advance indicating, among others, the specific period for which the authorisation is required, nature of investigations or detail in regard to occasion as the case may be, and area of operation ;
- (ii) the applicant holds an Advanced Amateur Wireless Telegraph Station Licence or an Amateur Wireless Telegraph Station Licence Grade I;
- (iii) the applicant pays an additional fee of Rs. 20.—

Provided that the special authorisation shall, in addition to the conditions specified in rule 10, be subject to such other conditions as the Central Government may determine from time to time and such conditions, among others, shall include the following, namely :—

- (i) The special authorisation shall not be issued for a period more than 90 days.
- (ii) The licensee's amateur station at the fixed location and the mobile station shall not communicate with each others;
- (iii) The suffix 'MO' shall be added to the callsign already authorised to the licensee's amateur station at the fixed location for use by the portable or mobile station. Such callsign shall be followed by the location of the station.
- (iv) The licensee shall communicate the result of tests conducted by the help of portable or mobile station to the Central Government within 15 days of the expiry of the special authorisation.
- (v) The special authorisation may be withdrawn or the conditions contained therein varied at any time by the Central Government.

19. Amateur Station on board ship :

(1) Without prejudice to rule 17, the Central Government may on receipt of an application authorise establishment, maintenance and working of an amateur station on board a ship registered in India. Applications for such authorisation shall be accompanied by a written approval of the master or owners of the ship concerned.

(2) The establishment, maintenance and working of amateur stations on board ships shall, in addition to the conditions specified under rule 10, be subject to such other conditions as the Central Government may determine from time to time and such conditions, among others, shall include the following, namely :—

- (i) The amateur station on board ship shall be operated only while the ship is in International waters or Indian territorial waters. Its operation within the territorial waters of another country shall be in conformity with laws and regulations of the country concerned.
- (ii) It shall not be operated whilst the ship is in any harbour in India.
- (iii) The callsign allotted to such stations shall have suffix 'MS' followed by the callsign of the ships in case of radiotelegraphy or the official name of the ship in case of radiotelephony.
- (iv) The amateur station on board a ship shall be independent of ship radio communication, radio navigation and other safety services radio equipment and shall be operated in such a manner as not to cause harmful interference to these services of the ship. The amateur station shall have source of electrical energy independent of the ship station and shall also be electrically independent of it.
- (v) The amateur station on board a ship shall discontinue operation at any time on request of an officer of the Central Government, the Master or Radio Officer of the ship or any land station.

20. Loss and Issue of Duplicate of Licence and Document showing the Renewal of Licence :

(1) A person whose Licence or the document showing the renewal of licence has been lost, mutilated or destroyed shall notify the same to the Central Government. An application in Annexure VII of these rules for the duplicate shall be made to the Central Government embodying a statement of the circumstances involved in the loss, mutilation or destruction of the licence or the document showing the renewal of licence for which a duplicate is required. If the licence or the document showing the renewal of licence has been lost, the applicant must state the circumstances in which it was lost and that reasonable search has been made for it, and further that in the event it be found, either the original or the duplicate shall be returned for cancellation. The mutilated licence or the document showing the renewal of licence for which the duplicate is required should be forwarded alongwith the application for cancellation.

(2) The Central Government may issue duplicate copy of any licence or the document showing the renewal of the licence and the following charges shall be levied for such issue—

- | | |
|---|--------|
| (i) For duplicate of licence | Rs. 10 |
| (ii) For duplicate of the document showing the renewal of licence | Rs. 5 |

21. Revocation of licence :

(1) The Central Government may, at any time, revoke the licence—

- (i) On the breach of any of the conditions of licence contained in Annexure I; or
- (ii) In default of payment of any fees payable under these rules :

Provided that, before revoking a licence, the licensee shall be given a reasonable opportunity of making a representation against the action proposed to be taken.

(2) The licensee shall not be entitled to any compensation arising out of revocation of his licence nor will any part of the fees paid for the licence shall be refunded for the period a licence stands revoked.

22. Transfer of licence :

A licence shall not be transferable :

Provided that the Central Government may permit the transfer of a licence granted to an authorised official of an amateur radio society or club or a school, college or an institute or a University in India in favour of his successor if such successor holds a category of licence appropriate to the transmissions to be conducted by the amateur station.

23. Operation of licensed amateur station :

No person other than the licensee shall be permitted to operate the licensed amateur station :

Provided that—

- (a) in the presence of the licensee himself, the station may be operated by an other person holding a valid licence of comparable or higher category. The licensee, however, shall be personally responsible for the observance of these rules as if the station is operated by him.

- (b) in case of a licence issued to an authorised official of an amateur radio society or club or a school, college, or an institution or a University in India, the station may also be operated by a person who holds a licence of equivalent or higher category with the prior permission of the Central Government in writing; if the licensee keeps personal surveillance over the operation of the station. The licensee shall be responsible for the observance of these rules.
- 24. Surrender of licence :**
A licence which is revoked or which has become invalid and licensee does not desire to renew it shall be surrendered to the Central Government for cancellation and record.
- 25. Dual holding of licence :**
No person shall be granted more than one licence at the same time :
Provided that the Central Government may exempt a person, holding a licence in his name for amateur radio society or a school, college or an institute or a university in India, from the operation of this rule.
- 26. Admission of foreign nationals to examination and grant of licence :**
(1) Notwithstanding anything contained in these rules, the Central Government may, subject to such terms and conditions as it may impose from time to time, admit a person, who is not citizen of India, to an examination for the grant of a licence or grant him a licence if otherwise qualified.
(2) The conditions under sub-section (1) shall, among others, include the following, namely :—
(i) the country of which the applicant is citizen, grants reciprocal facilities to Indian nationals:
Provided that it shall not apply where the Central Government considers that reciprocal facilities are not necessary;
(ii) the applicant is above the age of 18 years;
(iii) the applicant's stay in India is not likely to be less than one year from the date of application;
(iv) the applicant is a holder of an appropriate category of amateur station Operator's certificate or licence issued by a competent authority in any other country and recognised by the Central Government.
(v) the licence under this rule shall be initially granted for a period of one year or for a period of validity of visa, for which the applicant's passport is endorsed, whichever is less.
- 27. Penalty for breach of these rules :**
Any breach of these rules, other than a breach which is an offence under section 20 or 21 of the Act, shall be punishable with fine which may extend—
(i) when the person is licensed under the Act, to one thousand rupees and in the case of continuing breach a further fine of two hundred rupees for every day after the first during the whole of any part of which the breach continues;
(ii) when a servant of the person so licensed or another person is punishable for the breach one fourth of the amounts specified in clause (i).
- 28. Repeal and saving :**
(1) On the commencement of these rules, the Indian Wireless Telegraphy (Amateur Service) Rules, 1958, shall cease to be in force.
(2) Notwithstanding such cesser,—
(a) Where before such commencement any person had passed the Amateur Station Operator's Certificate Grade I or Grade II Examination, such person shall not be required to pass any such examination under these rules;
(b) Where, before such commencement any person was granted Amateur Wireless Telegraphy Station Licence Grade I, or any such Licence was renewed and the period for which such Licence was granted or renewed extends beyond the commencement of these rules, the such Licence shall continue to be in force for the period specified in the Licence.

ANNEXURE I
CONDITIONS FOR THE CONDUCT OF AMATEUR WIRELESS TELEGRAPH
STATION

(See rules 5 & 10)

I. Use of the Amateur Station :

- (1) The amateur station shall be used as part of self training, intercommunication and technical investigations in radiotechniques solely with a personal aim and without pecuniary interest

Provided that when the station is licensed to an amateur radio society or club, or a school, college or an institute or a University, the use of the station shall be confined to technical investigations and training in radiocommunication techniques without pecuniary interest.

- (2) The station may also be used for the purpose of receiving transmissions in the Standard Frequency Service to facilitate operation of the station within the authorised frequency band
- (3) Except as provided in these rules, the licensee shall not assign, under-let or otherwise dispose of or admit any person to participate in the benefits of the licence.

II. Messages :

- (1) (a) Radio communications may be exchanged with other stations similarly authorised. The amateur stations are forbidden to communicate with amateur stations of countries whose administrations have notified the International Telecommunication Union of their objection to such radiocommunications.

(b) Transmissions shall be made in plain language and limited to messages of a technical nature relating to tests and to remarks of personal character (excluding business affairs or transactions) in which the licensee, or the person with whom he is in communication, are directly concerned and for which, by reason of their unimportance, recourse to the public telecommunication service is not justified.

(c) Special recordings for reproducing sinusoidal tone or tones within the audio frequency spectrum which may be either constant or steadily changing in frequency may be used.

- (2) The licensee is forbidden to transmit,—

(a) messages like the reproduction of broadcast programmes or tape recordings or transmissions of entertainment value or music;

(b) false or misleading calls, or signals, news, advertisements, communications of business statements on topics of political or industrial controversy;

(c) superfluous signals or any matter which is indecent or of obscene character or of seditious tendency or which is grossly offensive or such as is likely to arouse racial, religious, or communal animosity;

(d) messages for pecuniary reward or any messages for, or on behalf of third parties;

- (3) Notwithstanding clause (a), sub-condition (1) and clause (d), sub-condition (2) the licensee in case of failure of normal telecommunication facilities, are permitted to handle third party messages, pertaining to natural calamities such as earthquakes, floods, cyclone and wide spread fires, originating from and addressed to a competent civil authority namely, (a) District Magistrates or Deputy Commissioners or Collectors of the district and (b) any other officer authorised by authorities mentioned at (a) above. The licensee shall inform by letter addressed to the licensing authority regarding the use of his amateur station for such purposes on each such occasions.

III. Frequencies, Emissions and Power :

The amateur station shall be operated on frequencies that are within the frequency band authorised to respective categories of licences under rule 13 and on such classes of emissions and power not exceeding that specified in the said rule.

IV. Frequency Control and Measurement :

- (1) The transmitting apparatus shall be tuned as accurately as possible to ensure that no energy is radiated on any frequency outside the limits of the authorised frequency bands

(2) The licensee shall have at the licensed amateur station a reliable frequency measuring equipment to verify, each time the frequency of the transmitter is changed and whenever it is necessary to check the transmitted frequency, that emissions are within the authorised frequency bands. The licensee shall take all steps necessary to maintain the accuracy of the frequency measuring equipment.

V. Non-Interference :

- (1) The amateur station shall be so designed, constructed, erected, maintained and worked : not to cause interference with any wireless telegraph service functioning, within or with out India, in accordance with the provisions of the Convention or the wireless-signalling between any fixed, land or mobile stations of Indian land, Naval or Air Force or between such stations and any station abroad.

Provided that in the event of interference being caused by the station the licensee shall discontinue or restrict transmissions, pending adjustment of the equipment, on request from,—

- (a) the Central Government; or
- (b) any land station.
- (2) The licensee shall deploy all necessary means to ensure that the radiated frequency is free from harmonics, key clicks, hum and other forms of spurious emissions.
- (3) The licensee shall ensure that the transmitter is not over modulated.
- (4) The use of class B emissions (damped waves) is forbidden.

VI. Log (Diary of the radio service) :

- (1) A chronological record of all transmissions emanating from or received at the amateur station shall be kept in bound book (not loose-leaf) showing the following :
 - (a) Date and time of each transmission;
 - (c) a summary of the communications exchanged;
 - (c) a brief description of the experiments and tests undertaken;
 - (d) the callsign of station or stations with which messages have been exchanged, time of establishing and terminating communication with each station and the frequency and type of emission employed in each case;
 - (e) time of opening and closing down the amateur station;
 - (f) in case of portable or mobile amateur station the particulars of temporary location.
- (2) All times in the log shall be stated in the Indian Standard Time.
- (3) No gaps shall be left between entries in the log and they shall be made and initialled at the time of receiving and transmitting.
- (4) In case the station is operated by a person other than the licensee (see rule 23), the licensee shall ensure that log is signed by that person indicating his name, callsign and licence number.
- (5) Licensee shall preserve the log for a period of one year from the date of last entry therein before it is destroyed:

Provided that no log shall be destroyed for such further period as the Central Government may direct.

- (6) The form of log is shown in the Table attached to these conditions.

VII. Wireless Telegraphy Apparatus :

- (1) The amateur station shall be equipped for reception as well as transmission except in the case of Short Wave Listeners Amateur Wireless Telegraph Station Licence when it shall be equipped for the former only.
- (2) The wireless telegraphy apparatus and other accessory equipment used or intended to be used by the licensee shall be so arranged as not to endanger the safety of licensee or other persons.
- (3) The wireless telegraph apparatus shall be kept in a safe condition and housed in such manner as to preclude access to unauthorised persons.
- (4) The transmitter shall be of a type that has a frequency stability comparable to that of a crystal control.
- (5) Meters of standard accuracy shall be installed to measure the d.c. power input to the anode circuit of the final radio frequency stage of the transmitter.
- (6) The aerial used or intended to be used shall be so erected, fixed, or placed as not to cross above or fall on to any power, telegraph or telephone line. If required, the licensee shall take necessary steps to guard, to the satisfaction of the owner or owners concerned, so as to prevent any damage being done in the event of a break occurring in the aerial. The aerial installation shall not cause hazard to flight of aircraft and their heights shall be within the limits specified by the Director General of Civil Aviation in India from time to time. The licensee shall, if so directed, instal and maintain beacon lights on and paint the mast of the station at his own cost.

VIII. Secrecy of Correspondence :

If any message which the licensee is not entitled to receive is, nevertheless received, the licensee shall not make known or allow to be made known its contents, its origin or destination, its date or the fact of its receipt to any person (Other than duly authorised officer of the Central Government or a competent legal tribunal) and shall not reproduce in writing, copy or make use of such message or allow the same to be reproduced in writing, copied or made use of.

IX. (1) General Radiotelegraph and Radiotelephone Procedure :

- (a) Before transmitting, the station shall take precautions to ensure that its emission will not interfere with transmissions already in progress. If such interference is likely the transmission shall not commence till there is an appropriate break in communications in progress.
- (b) The call sign endorsed in the licence shall be sent for identification at the beginning and at the end of each period of transmission. When the period of transmission exceeds 10 minutes the call sign shall be repeated. Licensee shall not make transmission without identification or with false identification.
- (c) Prolonged calls and transmissions shall be avoided.
- (d) When it is necessary to spell out call sign, certain expressions, difficult words, abbreviations, figures etc., the phonetic alphabet and figure code given in the Convention shall be used.

(2) Call and Reply Procedure

- (a) The call shall consist of—
 - the call sign of the station called not more than three times;
 - the word DE (in case of radiotelegraphy) and the words 'This IS' (in case of radiotelephony).
 - the call sign of the calling station, not more than three times.
- (b) The reply to call shall consist of—
 - the call sign of the calling station, not more than three times;
 - the word DE (in case of a radiotelegraphy) and the words 'This US' (in case of radiotelephony)
 - the call sign of the station called, not more than three times.
- (c) The call may be sent three times at intervals of two minutes; thereafter it shall not be repeated until an interval of 10 minutes during which the operator shall listen in the frequency band in which the call has been made.
- (d) In case of general call to all stations the signal 'CQ' (in case of radiotelegraphy) or the words 'Hello all stations' or the signal 'CQ' (in case of radiotelephony) shall replace the call sign of the station called in the calling procedure.

(3) End of Transmission and Work :

- (a) Transmission of a message shall be terminated by the signal AR (in case of radiotelegraphy) and by the word 'Over' (in case of radiotelephony).
- (b) The end of work between two stations shall be indicated by each of them by means of the signal VA (in case of radiotelegraph) and by the word 'OUT' (or VA spoken Victor Alfa) in case of radiotelephony.

(4) Tests :

- (a) When it is necessary to make test signals either for the adjustment of a transmitter or a receiver or for any experiment, such signals shall not be continued for more than 30 seconds and shall be composed of series of VVV followed by the call sign of the station emitting the test signals. In case of radiotelephony series of VVV shall be replaced by the figures 1,2,3,4.....spoken in the figure code.
- (b) For tests exceeding 30 seconds an artificial aerial shall be used.
- (c) Emission of carrier wave is forbidden unless such wave is subjected to intelligible modulation.

X. Inspection :

- (1) Any officer authorised by the Central Government in that behalf in writing by the licensee may at all reasonable times enter the station solely or jointly with any other person or persons for the purpose of inspecting and may inspect, examine or test any apparatus installed or being installed at the station. The licensee shall extend all facilities for the conduct of such inspections and tests and make available the licence, the station log and other records for examination by the inspecting officer.

- (2) The licensee when called upon to do so by the *Central Government* shall arrange forward the licence, the log book, or any other record or data for examination by the Government.

XI. Powers to take possession of the Amateur Station and to order interception of messages :

- (1) On the occurrence of any public emergency, or in the interest of the public safety, the Central Government or a State Government or any officer specially authorised in that behalf by the Central Government or a State Government may, if satisfied that it is necessary or expedient so to do, take temporary possession (for so long as the public emergency exists or the interest of the public safety requires the taking of such action) of the Amateur Station.
- (2) On the occurrence of any public emergency or in the interest of the public safety, the Central Government or a State Government or any officer specifically authorised in that behalf by the Central Government or a State Government may, if satisfied that it is necessary or expedient so to do in the interests of the sovereignty and integrity of India, the security of the State, friendly relations with foreign states or public order or for preventing incitement to the commission of an offence, for reasons to be recorded in writing by order, direct that any message of class of messages relating to any particular subject shall not be transmitted or received or shall be intercepted by the station or shall be disclosed to the Government making the order or an officer thereof mentioned in that order.
- (3) The licensee shall not be entitled to any compensation in respect of the exercise of the powers conferred by sub condition (1) and (2) of this condition.

XII. The licensee shall indemnify the Central Government against all actions, claims and demands which may be brought or made by any person, body corporate or company in respect of any injury arising from any act licensed or permitted by the licence.

XIII. A copy of the Indian Wireless Telegraphs (Amateur Service) Rules, 1978 shall be kept at the Amateur Station.

TABLE
[See Condition VI(6)]
Specimen Form of Log

Sr. No. of Contact	Date	Time	Frequency & Type of Emission & power input to final stage.			Station		Station heard or worked									
			F	E	P	Called	Called by	R	S	T							
			Report Received			Time of Terminating			Time of Record Experiment & tests/ summary of communication			Q S L Card			Initials		
			R S T			Q S O			S R								

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ANNEXURE II

APPLICATION FROM AN INDIVIDUAL FOR A LICENCE TO ESTABLISH, MAINTAIN
AND WORK AN AMATEUR WIRELESS TELEGRAPH STATION IN INDIA

(See rules 6 & 8)

1. Name :

 (Last name) (First) (Middle)

2. Father's name and address

3. Address (Present)

4. Address (Permanent)

5. Date of birth¹ Place of Birth Nationality² Occupation

6. (a) Category of licence applied for (b) Exact location of the Station

7. Do you hold Radiotelegraph Operator's Certificate? If yes, give particulars :
 Name of the certificate No. Date of Issue

8. Particulars of Amateur Station Operator's Examination :
 Name Centre Month of Examination

9. Particulars of apparatus to be used :
 Apparatus Manufacturer's Name Type No. Frequency Range R. F. Power Output

Transmitter
 Receiver
 Frequency Measuring device

10. If appeared in any of the Amateur Station Operator's Examination. Yes/No
 If yes, indicate the date of the examination

DECLARATION

I hereby solemnly declare that the foregoing facts are true and correct and nothing is false therein and nothing material has been concealed therefrom. I also agree that in case any information given by me herein before is found false at a later date, the licence, if granted, will be cancelled.

I further solemnly give an undertaking that I will not either directly or indirectly divulge to any person, except when lawfully authorised or directed to do so, the purport of any message which may transmit or receive by means of any wireless apparatus operated by me or which may come to my knowledge in connection with the operation of said apparatus.

I have carefully read and understood the rules contained in the Indian Wireless Telegraph (Amateur Service) Rules, 1978 and undertake to abide by them and observe the conditions of the licence. The licensed station shall not be made accessible to any unauthorised person at any time.

Signature of witness :
 Name (in block letters) :
 Address :
 Date :

Signature of applicant :
 Name (in block letters) :
 Date :
 Place :

NOTE.—1. An attested copy of birth certificate or school leaving certificate must be accompanied along with the application.

2. Enclose a certificate in support of nationality in the prescribed proforma, indicated in Appendix II from one of the officers listed therein.

ANNEXURE III

APPLICATION FOR A LICENCE TO ESTABLISH, MAINTAIN AND WORK AN AMATEUR WIRELESS TELEGRAPH STATION BY AN AMATEUR RADIO SOCIETY OR CLUB OR A SCHOOL, COLLEGE OR AN INSTITUTE OR A UNIVERSITY IN INDIA

(See rules 6 & 8)

1. Name and address of the Amateur Radio Society/Club/School/Institute etc.

2. Particulars of authorised official of the Society/Club/School etc. in whose favour licence desired :

Name		Designation	
Date of birth ¹	Place of birth	Nationality ²	Occupation

3. (a) Category of licence applied for (b) Exact location of the station

4. Particulars of Amateur Wireless Telegraph Station licence held by the authorised official

Category of licence	No.	Date ³ of issue

5. Particulars of the Amateur Radio Society or club, school etc.

(a) If registered, give its particulars :

(b) In case of school, college or institute, give the name of Board or University by which it is recognised.

(c) ³Give in brief its aims and objectives :

(d) If affiliated to any radio amateur organisation, give its particulars :

(e) ⁴Give the names of office bearers :

(f) Mode of operation of the station including its normal hours of working :

6. Particulars of Apparatus to be used :

Category of Apparatus	Manufacturer's name	Type	No.	Frequency range	RF power output
Transmitter					
Receiver					
Frequency Measuring Device					

DECLARATION

I hereby solemnly declare that the foregoing facts are true and correct and nothing is false there in and nothing materials has been concealed therefrom. I also agree that in case any information given by me hereinbefore is found false at a later date, the licence, if granted, will be cancelled.

I further solemnly give an undertaking that I will not either directly or indirectly divulge to any person, except when lawfully authorised or directed to do so, the purport of any message which may transmit or receive by means of any wireless operated by me or which may come to my knowledge in connection with the operation of said apparatus.

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I have carefully read and understood the rules contained in the Indian Wireless Telegraph (Amateur Service), Rules 1978 and undertake to abide by them and observe the conditions of the licence. The licensed stations shall not be made accessible to any unauthorised person at any time.

Signature of witness :
Name (in block letters) :
Address :

Signature of Applicant :
Name (in block letters) :
Date :
Place :

- NOTE.—1. An attested copy of birth certificate or school leaving certificate must be accompanied along with application.
2. Enclose a certificate in support of nationality in the prescribed proforma indicated in Appendix from one of the officers listed therein.
3. Attach a copy of the rules and regulations or constitution.
4. Attach the minutes of the relevant meeting.

ANNEXURE IV

Licence No.

(See rule 9)

GOVERNMENT OF INDIA

MINISTRY OF COMMUNICATIONS

Licence to Establish, Maintain and Work an Amateur Wireless Telegraph Station in India

Having satisfied, by examination or otherwise, that Shri..... possesses the requisite technical qualifications as prescribed under the Indian Wireless Telegraphs (Amateur Service) Rules 1978, the Central Government in exercise of the powers conferred under the authority of section 4 of the Indian Telegraph Act, 1885 (13 of 1885), hereby grant to him an..... to establish, maintain and work a wireless telegraph transmitting and receiving station, detailed below, during the term of period commencing on the day of the date hereof and terminating on the....., 19... when this licence becomes invalid unless renewed further by way of a document showing the renewal of licence.

The licence is governed by the Indian Wireless Telegraphs (Amateur Service) Rules, 1978. Particulars of the Station :

Location	Callsign
New Delhi :	Issued by the Government of India in the Ministry of Communications
Dated :	
Signed by the licensee in the presence of.....	Deputy/Assistant Wireless Adviser to the Govt. of India Signature of Licensee
Date :	Date

ANNEXURE V

Authorised Frequency Bands, Power and Emission

(See rule 13)

Category of Licence	Frequency Bands	Emission	Max. D.C. input power
(a) Amateur Wireless Telegraph Station Licence Grade II	3890—3900 KHz	A1	25 Watts
	7000—7100 KHz	A1	25 Watts
	144—146 MHz	A3, A3A, A3J, F3	5 Watts
(b) Amateur Wireless Telegraph Station Licence Grade I	3890—3900 KHz	A1, A3, F3, A3A, A3J, A3H	150 Watts
	7000—7100 KHz		"
	14000—14350 KHz		"
	21000—21450 KHz		"
	28000—29700 KHz		"
	144—146 MHz	A1, A2, A3, A3A, A3J	10 Watts
		F1, F2, F3, A3H, A5	

Category of Licence	Frequency Bands	Emission	Max D.C. input power
(c) Advanced Amateur Telegraph licence.	Station 3890—3900 KHz 7000—7100 KHz 14000—14350 KHz 21000—21450 KHz 28000—29700 KHz	A1, A3, A3A, A3J, A3H, F1, F2, F3, A5	150 Watts
	144—146 MHz	A1, A2, A3, A3A, A3J, A3H, A4, A5 F1, F2, F3, F4	25 Watts for terrestrial use and 100 Watts for Satellite working

- NOTES.—(1) In case of Grade I and Advance Category of licence, the power for A1 emission shall be limited to 100 Watts.
- (2) For A5 emission, the transmissions shall be restricted to callsign of the station, location and other particulars of the amateur station. They shall be limited to point to point test transmission employing a standard interlace and scanning with a band width not more than 4 KHz.
- (3) D.C. input power is the total direct current power input to (i) the anode circuit of the valve (5) or (ii) any other device energising the aerial.
- (4) For A3A and A3J emissions, the power shall be determined by the peak envelope power under linear conditions and it shall be limited to 2.667 times the D.C. input power specified.
- (5) In case of Short wave Listener's Amateur Licence, the holders are permitted to listen to all the bands allocated to Amateur Service.
- (6) In the case of Amateur Wireless Telegraph Station Licence Grade II the operation shall be restricted to radiotelephony in the band 144-146 MHz only in case the holder of the licence does not qualify in the morse test.

ANNEXURE VI

REGISTER FOR WIRELESS TELEGRAPHY APPARATUS

(See rule 16)

S. No.	Particulars of the apparatus			Name & address of the person from whom received (in case assembled by Licensee, write self-made)	Date of Receipt or assembly
	Make	Model & Type	Chassis No.		

In case of purchase, give receipt No. & indicate the licence No. of the seller	Name & address of the person to whom sold or transferred	Date of sale or transfer	Particulars of the licence issued in the name of the purchaser	Remarks
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ANNEXURE VII

GOVERNMENT OF INDIA

MINISTRY OF COMMUNICATIONS

(WIRELESS PLANNING COORDINATION WING)

FORM OF APPLICATION FOR THE ISSUE OF DUPLICATE OF AN AMATEUR STATION LICENCE OR DOCUMENT SHOWING THE RENEWAL OF THE LICENCE

(see rule 20)

1. Full name of the applicant (in block Letters)
2. Permanent address in full

3. Particulars of Amateur Station licence or document showing the renewal of the licence :

Registration No. showing the renewal of the Licence	No. of Licence/Document of the Licence	Category of licence	of	Date of Issue	Any other particulars
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4. Whether the licence or the document showing the renewal of the licence is lost or mutilated or destroyed?
5. Whether any reasonable search has been made for the licence or the document showing the renewal of the licence?

I hereby declare that in the event of the original Licence/or document showing the renewal of the licence be found, either the original or the duplicate shall be sent to the Ministry of Communications.

Station
 Dated.....

Signature of Applicant
 Present Address :

APPENDIX I

SYLLABUS AND THE DETAILS OF EXAMINATIONS FOR THE AWARD OF AMATEUR STATION OPERATOR'S LICENCE

1. The examination shall consist of the following two parts :

PART I—WRITTEN TEST

It shall comprise of one paper containing two sections as under :

Section I : Radio Theory and Practice

NOTE.—Applicants holding degree in telecommunication, or electronics and electrical communications, or a degree recognised by the Central Govt. as equivalent to the above degree shall be exempted from appearing in Section I of the test.

Section II : National and International Regulations applicable to the operation of amateur station and those relating to the working of station generally.

PART II—MORSE

- (i) Receiving, and (ii) Sending.

2. Detailed syllabus :

2.1 Amateur Station Operator's Grade II : Examination

PART I—WRITTEN TEST

- (a) Section I : Radio Theory and Practice :

Elementary Electricity and Magnetism :

Elementary theory of electricity, conductors and insulators, units, Ohm's Law, resistance in series and parallel conductance, power and energy, permanent magnets and electromagnets and their use in radio work; self and mutual inductance; types of inductors used in receiving and transmitting circuits, capacitance; construction of various types of capacitors and their arrangements in series and/or parallel.

Elementary Theory of Alternating Currents :

Sinusoidal alternating quantities—peak, instantaneous, R.M.S. average values, phase; reactance, impedance; series and parallel circuits containing resistance, inductance, capacitance; power factor, resonance in series and parallel circuits; coupled circuits; transformers for audio and radio frequencies;

Thermonic Valves :

Construction of valves; thermonic emission, characteristic curves, diodes, triodes and multi-electrode valves; use of valves as rectifier, oscillators, amplifiers, detectors and frequency changers, power packs, stabilisation and smoothing, elementary theory and construction of semiconductor devices—diodes and transistors.

Radio Receivers :

Principles and operation of T.R.F. and superhetrodyne receivers, CW reception; receiver characteristics—sensitivity, selectivity, fidelity; adjacent channel and image interference; A.V.C. and squelch/circuits; signal to noise ratio.

Transmitter :

Principles and operation of low power transmitter; crystal oscillators, stability of oscillators.

Radio propagation :

Wave length, frequency, nature and propagation of radio waves; ground and skywaves; skip distance; fading.

Aerials :

Common types of transmitting and receiving aerials.

Frequency Measurement :

Measurement of frequency and use of simple frequency meters.

- (b) Section 2 : Regulations :

- (a) Knowledge of.

(i) the Indian Wireless Telegraph Rules, 1973.

(ii) the Indian Wireless Telegraphs (Amateur Service) Rules, 1978.

- (b) Knowledge of International Radio Regulations as relating to the operation of amateur stations with particular emphasis on the following :

Item	Provision of Radio Regulation
Designation of Emission	104—110
Nomenclature of the Frequency & Wavelength	112
Frequency Allocations to Amateur Services	Article 5

<i>Item</i>	<i>Provisions of Radio Regulation</i>
Measures against interference	667—677
Interference and Tests	693—703
Identification of Stations	735—737 743, 772—773
Distress and Urgency Transmissions	1389—1396, 1477—1478, 1481, 1483
Amateur Station	1560—1567
Phonetic Alphabets and figure code	Appendix 16

(c) Standard Frequency and Time Signals Services in the world.

(d) The following 'Q' codes and abbreviations which shall have the same meaning as assigned to them in the Convention.

QRA, QRG, QRH, QRI, QRK, QRL, QRM, QRN, QRO, QRS, QRT, QRU, QRV, QRW, CRX, QRZ, QSA, QSB, QSL, QSO, QSU, QSV, QSW, QSX, QSY, QSZ, QTC, QTH, QTR, and QUM

Abbreviations :

AA, AB, \overline{AR} , \overline{AS} , C, CFM, CL, CQ, DE, K, NIL, OK, R, TU, \overline{VA} , WA, WB.

The above written test is of one hour duration. The maximum number of marks is 100 and candidates must secure at least 40% in each section and 50% in aggregate for a pass.

PART II—MORSE

(a) Section 1 : Morse Receiving : (Speed : 5 words per minute)

The test piece will consist of a plain language passage of 125 letters, five letters counting as one word. Candidates are required to receive for five consecutive minutes at the speed of 5 words per minute from a double head-gear headphone receiver, international morse code signals from an audio oscillator keyed either manually or automatically. A short practice piece may be sent at the prescribed speed before the start of the actual test. Candidates will not be allowed more than one attempt in each test. The test may be written in ink or pencil but must be legible. Bad handwriting and over-writing will render a candidate liable to disqualification. More than 5 errors will disqualify a candidate.

(b) Section 2 : Morse Sending (Speed : 5 words per minute)

The test piece will consist of a plain language passage of 125 letters, 5 letters counting as one word. Candidates are required to send on an ordinary key for five consecutive minutes at the minimum speed of five words per minute. A short practice piece may be allowed before the actual test. Candidates will not be allowed more than one attempt in the test. Efforts should be made to correct all errors. However, more than 5 uncorrected errors will disqualify a candidate. The accuracy of signalling, correct formation of characters and the correctness of spacing shall be taken into account.

NOTE.—A candidate is required to pass both in Part I and Part II. In the case of candidates qualifying in Part I only, the licence shall be restricted to radiotelephone operations only.

2.2 Amateur Station Operators' Grade I Examination

PART I.—WRITTEN TEST

Same syllabus as for the Amateur Station Operators Grade II examination. The test is of 2 hours duration. The maximum number of marks is 100 and candidates must secure at least 50% in each section and 55% in aggregate for a pass.

PART II.—MORSE

(a) Section 1 : Morse Receiving (Speed 12 words per minute)

The test piece will consist of a plain language passage of 300 characters which may comprise of letters, figures and punctuations (Punctuations are indicated below). The average words shall contain five characters and each figure and punctuation will be counted as two characters. Candidates are required to receive for five consecutive minutes at a speed of 12 words per minute. Other conditions are the same as applicable to Amateur Station Operator's Grade II examination.

NOTE.—Test piece may contain only the following punctuations :

Full stop; Comma; Semi-colon; Break Sign; Hyphen and question mark.

(b) Section 2 : Morse Sending (Speed 12 words per minute)

The test piece will be similar to Morse Receiving test. Candidates are required to send for five consecutive minutes at a speed not less than 12 words per minute. Other conditions are the same as applicable to Amateur Station Operators' Grade II examination.

NOTE.—A candidate is required to pass both in Part I and Part II simultaneously.

2.3 Advanced Amateur Station/Operators' Examination

PART I—WRITTEN TEST

(a) Section 1 : Radio Theory and Practice :

In addition to the syllabus prescribed for Amateur Station Operator's Grade II examination, following items shall be included in the syllabus of Advanced Amateur Station Operators' examinations:—

- (i) **Motors and Generators** : Elementary principle and construction of alternators, motors and Generators.
- (ii) **Alternating current** : Construction of transformers, transformer losses, transformer as a matching device.
- (iii) **Measuring Instruments** : Moving coil and moving iron meters, frequency meters.
- (iv) **Semi conductor devices and Transistors** : Elementary principles of conduction and construction, symbols biasing methods.
- (v) **Power Supplies** : Half wave and full wave rectifiers, smoothing and regulation, bridge rectifier.
- (vi) **Modulation** : Principles of frequency modulation.
- (vii) **Transmitters and Receivers** : Elementary principles of transmission and reception of Facsimile and Television signals, elementary principles of transmitters and receivers employing single side band.
- (viii) **Propagation** : Characteristics of ionosphere and troposphere. Properties of different reflecting layers optimum working frequency, day and night frequencies.
- (ix) **Aerials** : Principles of radiation, aerials for different frequency bands including aerials for microwave
- (x) **Space Communications** : Elementary principles of communication via satellite.

(b) Section 2 : Regulations :

Same syllabus as prescribed for Amateur Station Operator's Grade II examination.

The test is of 3 hours duration. The maximum number of marks is 100 and candidates must secure at least 50% in each section and 60% in aggregate for a pass.

PART II—MORSE

Same syllabus as prescribed for Amateur Station Operators' Grade I examination.

NOTE.—The holders of Amateur Station Operators' Grade I Licence shall however be exempted from Part II of the examination.

APPENDIX II

SCHEDULE OF EXAMINATIONS

Sl.No.	Place	Month of examination
1.	Delhi, Bombay, Calcutta and Madras	Every month.
2.	Ahmedabad, Hyderabad and Nagpur	January, March, June, August October & December
3.	Ajmer, Bangalore, Darjeeling, Gorakhpur, Jullundur, Goa, Mangalore, Shillong, Ranchi, Srinagar and such other places where a monitoring station of the Monitoring Organisation of the Ministry of Communications is located.	January, April, July and October

APPENDIX III

NATIONALITY CERTIFICATE

Certified that I have known Shri son of Shri for the last years and that to the best of my knowledge and belief he/she bears a good moral character. He/she is of nationality. He/she is not related to me.

Address :
Dated:

Signature :
Designation :
Seal:

NOTE.—This certificate should be from one of the officers listed below :—

1. Gazetted officers of Central or State Governments.
2. Members of Parliament or State Legislatures.
3. Sub-Divisional Magistrate/Officer.
4. Tehsildars or Naib/Deputy Tehsildars Authorised to exercise magisterial powers.