MINISTRY OF SURFACE TRANSPORT

(Shipping Wing)

New Delhi, the 26th March, 1992
(MERCHANT SHIPPING)

G.S.R. 161.---In exercise of the powers conferred by section 296, read with sections 291 and 457 of the Merchant Shipping Act, 1958 (44 of 1958), the Central Government hereby makes the following rules further to amend the **Merchant Shipping (Radio) Rules, 1983 (radio_1983.htm)**, namely:

1. (1) **These rules may be called the Merchant Shipping (Radio) Amendment Rules, 1992.**

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Merchant Shipping (Radio) Rules, 1983,

(1) For rule 2 the following rule shall be substituted namely :--

(2) In these rules, unless the context otherwise requires

(a) "Act" means the Merchant Shipping Act, 1958 (44 of 1958)

(b) "approved" means approved by the Nautical Adviser to the Government of India.

(c) 'Convention" means the International convention on Safety of Life at Sea 1974 as amended from time to time.

(d) "corrected" means electrically connected.

(e) 'class A1A' in relation to classes of emission means telegraphy by on-off keying without the use of a modulating audio frequency;

(f) 'class A2A' in relation to classes of emission means telegraphy by on-off keying of an amplitude modulating audio frequency or audio frequencies, or, as the case may be by the on-off keying of the modulating emission;

(g) 'class H3E' in relation to classes of emission means single side band full carrier telephony.

(h) 'class J3E' in relation to classes of emission means single side band suppressed carrier telephony.

(i) 'class R3E' in relation to classes of emission means single side band reduced carrier telephony.

(j) ‘EPIRB’ means emergency Position Indicating Radio Beacon in the mobile service. The emission or which are intended to facilitate search and rescue operations

(k) 'interference' means any emission. radiation or induction which endangers the functioning of a radio navigation service or of other safety services or seriously degrades, obstructs or repeatedly interrupts a radio communication service operating in accordance with these rules.

(l) 'IMO' performance standards' means the performance standards for navigation and radio equipment approved and published by the Assembly of the International maritime Organisation.

(m) 'mile' means a nautical mile of 1853.144 metres.

(n) "mobile' station licence' means the licence issued by the Government of India in the Ministry of Communication to operate Maritime Mobile Communication and electronic navigational equipment on board on designated Maritime wavelengths.

(o) 'radio telegraph ship' means a ship, being a Passenger ship or a Cargo Ship of 300 tons gross and upwards which is provided with a radiotelegraph installation in compliance with the requirements of the First Schedule.

(p) 'radio telephone ship' means a cargo ship, being a ship of not less than 300 tons but less than 1600 tons gross which is provided with a radiotelephone installation in compliance with the provisions of the Second Schedule.

(q) 'schedule' means schedules annexed to these rules;

(r) "Silence periods'

(i) in relation to radio telegraphy means period of three minutes each beginning at 45 minutes and 45 minutes of each hour determined according to coordinated universal time (UTC).

(ii) in relation to radio telephony means periods of 3 minutes each beginning at each hour and 30 minutes of each hour determined according to co-ordinated universal time (UTC)

(s) "VHF-radio telephone station or VHF radio installation means radio equipment operating within the frequency band 156.025--- 162.025

(2) For rule 3 the following rule shall be substituted namely :

"3. Classification of Ships.---The Ships to which these rules apply shall be classified as follows, namely :--

Class I : Passenger ships which carry more than 250 passengers being ships which are at sea for more than 16 hours between two consecutive ports.

Class II: (a) Passengers ships other than those of class I and

(b) Cargo ships of more than 1600 tons gross tonnage.

Class III : Cargo ships of more than 300 tons gross tonnage but less than 1600 tons gross tonnage.

(3) in rule 4 :

(i) in sub-rule (2) the words and Roman Figure "and class IV" shall be omitted;

(ii) in clause (i) of sub-rule (3) the words and Roman figures "off" classes I, II, III and IV" shall be omitted.

(4) for rule 5 the following rule shall be substituted :-

"5. Performance Standards.---Every equipment specified in Schedules to these rules shall comply with the requirements of Third Schedule and the IMO performance standards'

(5) In rule 9 for the words, "electrically independent of each other" , the words' "electrically separate and independent of each other" shall be substituted.

(6) In rule 10,---

(i) after clause (d) of sub-rule (1) the following clause shall be inserted namely :-

"(c) Such that on ships constructed after 1st July, 1986 which have no direct access to the open/deck, two means of escape from or access to such station are provided. One of these may be a porthole or window of sufficient size with adequate means for an emergency escape".

(ii) in sub-rule (6) the proviso shall be omitted.

(iii) in sub-rule (9), for the words "radio telegraph rule", the words "the radio telegraph and radio telephone rule" shall be substituted".

(iv) in sub-rule (9) after clause (ii) the following clause shall be inserted, namely :--

"(iii) Radio telephone alarm signal generating device specified in Part II of Second Schedule:.

(v) in sub-rule (10) for the words "radio telegraph", in both the places where it occurs the words "radio telegraph and radio telephone" shall be substituted.

(7) In clause (b) of sub-rule (1) of rule 11, for the words "a spare aerial", the words "a spare aerial of similar electrical characteristics", shall be substituted.

(8) For sub-rule (1) of rule 12 the following sub-rule shall be substituted, namely :-

"(1) the normal ranges of radio telegraph transmitters provided in accordance with the forgoing provision so these rules, when connected to the main aerial shall not be less than the range specified in the Table below :

Class of ship	Minimum nominal range in miles	
	Main Transmitter	Reserve Transmitter

I & II	150	100
III	100	75

(9) In rule 13 ---

(i) in sub-rule (3) in clause (c) after sub-clause (d) the following sub-clauses shall be inserted, namely :-

(e) the current required to operate the VHF installation.

(f) the current required for generating the radiotelephone alarm signals."

(ii) in sub-rule (4) after clause (e) the following clauses shall be inserted namely :-

"(f) the VHF radio telephone installation complying with the requirement of Eleventh Schedule.

(g) the radio telephone alarm signal generator where the same is provided in the reserve installation complying with the requirement of second schedule."

(iii) in sub-rule (5) for the words and figure "ship of class III or class IV" the words "cargo ship" shall be substituted;

(10) In rule 15---

(i) in clause (c) of sub-rule (1) the words and Figure "and class IV" shall be omitted;

(ii) in sub-rule (2) for clause (b) the following clause shall be substituted, namely :-

"(b) ships of classes II and III – one Radio Officer".

(11) In rule 16---

(i) in sub-rule (1), for the words "holds a first or second class radio telegraph operators certificate of proficiency or competency" the words "holds a valid radio communication operators general certificate or a first or second class radio operators certificate of proficiency or competency for the maritime mobile service."

(ii) in sub-rule (2), for the words "for the time being in force in India", the words "for the time being in force in India or a radio communication operators general certificate for the maritime mobile service" shall be substituted.

(iii) in sub-rule (4)(a), for the words "not less than", the words "not less than 6 months" shall be substituted, (b) clauses (a), (b), (c) and (d) shall be omitted.

(iv) After sub-rule 5 the following sub-rule shall be inserted namely :-

"(6)(a) Every radio officer shall, in addition to the certificates specified in sub-rule (1) of this rule hold an Endorsement Certificate issued in accordance with this sub-rule.

(b) Every radio officer shall be eligible for the Endorsement Certificate provided he is in possession of :-

(i) Certificate of attendance at an approved endorsement course as specified in the Twelfth Schedule.

(ii) Following Certificates specified in rule 12 of the M.S. (Examination of Master and Mates) Rules, 1985.

(a) First Aid Certificate.

(b) Proficiency in Fire Fighting Certificate.

(c) Proficiency is Survival Craft Certificate.

(c) Every radio officer eligible for endorsement certificate shall apply to the Principal Officer, Mercantile Marine Department in the form prescribed in the Twelfth Schedule and pay a fee of Rs.100.

(d) The Principal Officer shall if satisfied issue an Endorsement Certificate as specified in the Twelfth Schedule".

(12) In rule 17, in sub-clause (ii) of clause (b) of sub-rule (1) for the Roman numerals and word "II, III and IV" the Roman numerals and word "II and III" shall be substituted;

(13) In rule 18---

(i) for sub-rule (1) the following sub-rule shall be substituted, namely :-

"(1) Every radio officer on board a radio telegraph ship shall while at sea, maintain continuous watch on the radio telephone distress frequency at the place on board from which the ship is normally navigated by use of radio telephone distress frequency watch receiver and the radio telegraph distress frequency by a radio officer using headphones or a loud speaker subject to provisions of rule 17. Such watch shall be kept on all occasion during specified working hours, provided, that when the radio officer is required to perform other duties in compliance with these rules or in compliance with the Merchant Shipping (Direction Finder) Rules, 1968 or when he is required to handle traffic on other frequencies; radio watch may be maintained by means of loud speaker reception or if loud speaker reception is impracticable radio watch during such period may be dispensed with except during silence periods failing within such periods."

(ii) after clause (g) of sub-rule (4) the following clauses shall be inserted, namely :--

"(h) test the efficiency of the radio telegraph and radio telephone auto alarm equipment.

(i) test the radio telephone transmitter on distress frequency with artificial aerial atleast once a day".

(14) In rule 21, for sub-rule (1) the following sub-rule shall be substituted, namely :--

"(1) Aerial – Every radio telephone ship shall be fitted with an aerial and if the main transmitter aerial is not a supported wire aerial, a spare aerial of similar electrical characteristics, complete with the necessary material and other means to enable it to be rapidly erected while the ship is at sea shall be provided".

(15) In rule 23---

(a) for sub-rule (2) the following sub-rule shall be substituted namely :--

"(2) Reserve source or electrical energy, preferably batteries, shall be placed as high in the ship as practicable and it shall be of such capacity as to be able to supply electrical energy continuously for six hours a total current equal to the sum or :

(i) One half of the current required to operate the radio telephone transmitter for speech transmission on the frequency at which the current consumption of the transmitter is at a maximum.

(ii) the current consumption of all additional loads to which the battery may supply energy in time of distress or emergency.

(iii) The current consumption of VHF radio telephone.

(iv) The current required by the electric lamp provided in pursuance of rule 24"

(b) after clause (b) of sub-rule (4) the following clause shall be inserted, namely :--

"(c) the VHF radio installation".

(16) In rule 24---after clause (f) the following clause shall be inserted, namely :-

"(g) means shall be provided at the radio telephone station for checking the proper function of :

(i) the radio telephone alarm signal generating device, by ensuring that the device can modulate satisfactorily the radio telephone transmitter. such means shall use a summy load to ensure that no signals are radiated during such checking.

(ii) The mutting circuits of the radio telephone distress frequency watch receiver or the radio telephone auto alarm."

(17) In sub-rule (2) of rule 25 for the words "first class" the words "a radio communication operator's general certificate on a first class" shall be substituted.

(18) for Part IV and rules 29, 30 and 31 the following part and the rules shall be substituted, namely :-

"Part IV – VHF radio telephone installation.

29. VHF Radio Telephone Installation :--

All Passenger ships and all cargo ships shall be fitted with VHF radio telephone installation complying with the requirements of the Eleventh Schedule. Such installation shall be provided with a main and reserve source of energy.

30(1) The VHF radio installation shall be in the upper part of the ship and control of the VHF channels shall be immediately available from the place from which the ship is navigated.

(2) A Card of instructions giving clear summary of the distress, urgency and safety procedures shall be displayed at each VHF operating position.

31. Every Indian ship while at sea provided with VHF radio telephony installation in accordance with these regulations shall maintain a continuous listening watch on the navigating bridge on the VHF Distress frequency 156.800 MHz (VHF Channel 16). Listening watch may be discontinued--

(a) When the receiver is being used for traffic on a frequency other than 156.800 MHz.

(b) When in the opinion of the master such watch is prejudicial to the safety of the ship an entry may be made in the ship's log of the time listening watch was discontinued and circumstances in which the safety of the ships was prejudicial and the time listening watch was resumed.

Summary shall be maintained lf all communications elating to Distress, Urgency and Safety traffic received or transmitted from the VHF Radio telephone installation during such watch."

(19) in the First Schedule :--

(i) In Part I, Part II, Part III, Part IV, Part V and Part VI for Emissions "A1", "A2H", "A3", "A3H" and "A3A", wherever they occur the emissions "A1A", "A2A', "H2A", "A3E", "H3E" and "R3", respectively shall be substituted.

(ii) for paragraph 2 of Part I, the following shall be substituted namely :--

" 2 Frequency ranges and classes of emissions :

The transmitter shall b capable of transmitting on radio telegraph distress frequency and working frequencies in the authorized bands between 405 KHz and 535 KHz using the classes of emissions assigned in the radio regulation."

(iii) for paragraph 5 of Part I, the following shall be substituted namely :--

" 5. The power of the transmitter expressed shall not be less than 125 metre amperes provided that in the case of self supporting aerials transmitting on 500 KHz using H2A emission. Such power shall not be less than 175 amperes."

(iv) in paragraph 9 of Part I, for figures "1000" the figures "200" shall be substituted.

(v) for paragraph 13 of Part I the following shall be substituted namely :--

" 13. Artificial aerial (Dummy load) shall be provided to test the transmitter without radiation."

(vi) for paragraph 14 of Part I the following shall be substituted namely :

" 14 Indicating Instruments :

The transmitter shall be equipped with indication to read the RF current being transmitted by the transmitter and the serial circuit.

(vii) in Part II--

(a) Sub-paragraphs (2) and (3) of paragraph 1 shall be omitted.

(b) for paragraph 2 the following shall be substituted, namely :--

"2 The receiver shall be capable of receiving signals within the frequency range of 100 KHz to 30 MHz on emissions as per radio regulation."

(c) for sub-paragraph (4) of paragraph 4, the following shall be substituted, namely :--

"(4) Tuning to any frequency should be within 5 seconds".

(20) in Part 3---

(a) for paragraph 2 the following shall be substituted, namely:--

" 2. The transmitter shall be capable of transmitting on radio telegraph distress frequency of 500 KHz on emissions as per radio regulation".

(b) for paragraph 4 the following shall be substituted, namely :--

"4. The power of the transmitter shall not be less than 70 metre amperes provided that in the case of self supporting serials such power shall be 100 metre amperes."

(c) in paragraph f8 for figure "1000" the figure "200" shall be substituted."

(d) for paragraph 11 the following shall be substituted namely :--

"11. Artificial aerial (dummy load) shall be provided to test the transmitter without radiation."

(21) in the second schedule ---

(i) In Part I, Part II and Part III, for the words "A3", "A3H", "A3A" and "A3J", wherever they occur the words "A3E", "H3E", "R3E" and "J3E", respectively shall be substituted.

(ii) for sub-paragraph (_____ of paragraph 2 of following shall be substituted, namely :--

"(1) The equipment shall be capable of transmitting on radio telephone distress frequency on the 2182 KHz and other appropriate frequencies applicable within the area of operation within the frequency band of 1605 to 3800 KHz on emission as per radio regulations".

(iii) for sub-paragraph (1) of paragraph 3 of the following shall be substituted, namely :--

"(1) the transmitter shall be capable of transmitting on the frequencies specified in the radio regulation."

(iv) for sub-paragraphs (2) and (3) of paragraph 5 the following shall be substituted, namely :--

"(2) The maximum peak envelope power at any frequency shall be between 60 watts and 400 watts.

(v) for sub-paragraph (8) of paragraph 5 the following shall be substituted, namely :--

"(8) The transmitter shall maintain a frequency tolerance of not more than 40 Hz."

(22) the Fourth Schedule shall be omitted.

(23) after the Tenth Schedule the following schedules shall be inserted, namely :--

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THE ELEVENTH SCHEDULE

[See Rule 13(4)]

VHF Radiotelephone installation

(1) Definition :

In this schedule the expression " the equipment" includes a VHF radiotelephone transmitter and receiver.

(2) Provision of VHF :

(i) The VHF radiotelephony installation shall be in the upper part of the ship and control of the VHF channels shall be immediately available on the bridge convenient to the places from which the ship is normally navigated.

(ii) A card of instructions giving a clear summary of the distress urgency and safety procedures shall be displayed at each VHF operating position.

(iii) On all Indian telegraphy ships means shall be provided to monitor the VHF radiotelephone installation in the radio room during distress incident.

(iv) The VHF radiotelephony shall be so constructed and installed that it is readily accessible for maintenance purposes and meets with good engineering practice.

(v) Means should be provided, so appropriate, for earthing of the installation by this should not cause any terminal of the source of electrical energy to be earthed, unless special precaution taken to the satisfaction of the Administration.

(vi) The VHF radiotelephone equipment shall have facility of multiple watch on Internal Distress frequency 156.80 MHz (Channel 16) and any other channels required by the Local Administration.

(vii) The VHF required to be provided by these rules shall be such that it will be free from mechanical defeets, and shall comply with the requirements specified in the Second Schedule.

(viii) The VHF equipment which is intended for use in the open shall be such that after undergoing the mould growth tests required by the second schedule, no growth will be present in it.

3. Interference with reception :

(i) At no time while the ship is at sea the interference or mechanical noise produced by the VHF installation or by any other equipment in the ship shall be of such intensity as to prevent the effective reception of radio signals by means of the VHF installation provided on board in pursuance of the rules.

(ii) All reasonable and practicable steps should be taken to eliminate the case of, and to suppress electromagnetic interference between the installation and other electronic equipment on board. No unit of the installation shall be fitted within the minimum safe distance at which they may be mounted from a standard or a stering magnetic compass. These distances should be clearly indicated on the exterior of each unit.

4. High Voltage parts :

All parts and wirings of the equipment specified in these rules in which the direct and alternating voltage other than radio frequency voltages combine at any time to give an instantaneous voltage greater than fifty ovlts shall be protected form accidental access.

5. Controls and Indicators :

(1) All controls should be of such size as to permit normal adjustment to be easily performed. The function and the setting of the controls should be clearly indicated.

(2) The controls should be illuminated as necessary so as to enable satisfactory operation of the equipment.

(3) Means should be provided to reduce to extinction any light output from the equipment which is capable of interfering with safety of navigation.

(4) An on/Off switch should be provided for the entire installation with a visual indication that the installation is switched on.

(5) The equipment should indicate that channel number, as given in the Radio Regulations, to which it is tuned. It should allow the determination of the channel number under all conditions of external lightening. Where practicable channel 16 should be distinctively marked.

(6) The receiver should be provided with a manual volume control by which the audio output may be varied.

(7) A squelch should be provided on the exterior of the equipment.

(8) A visual indication of transmit mode to be provided.

(9) If the external controls are assembled on a separate control unit and more than one such unit is provided then one on the navigating bridge should have priority. Unit indication should be given to the others that the equipment is in operation.

(10) Provision should be made for protecting the equipment from the effects of excessive voltages, transients and reversal of the power supply polarity.

(11) The sensitivity of the receiver should not be less than 2 microvolts for a signal to noise ratic of 20 db. If the selectivity of the receiver should be such that intelligibility of the wanted signal is not seriously affected by unwanted signals.

(12) If should be possible to switch off the loudspeaker without affecting the audio output of the telephone handset.

(13) In the transmit condition during simplex operation, the output of the receiver shall be muted.

6. Supply of Electrical Energy.

(1) At all times while a ship to which these regulations apply is at sea and at all reasonable times when she is in port, there shall be available a main source of energy sufficient to operate the VHF radiotelephone installation on its nominal rated output power.

(2) The VHF radiotelephony installation shall be capable of operation at its nominal rated output power from the reserve source of energy.

(3) In case of mains failure VHF radio telephone installation shall be operated automatically from the reserve source of energy.

7. Provision of Antennae :

Every ship to which these regulations apply shall be provided with antennae suitable for the efficient radiation and reception of signals in the band 156.025 --- 162.025 MHz. The antennae shall be vertically polarized and as far as practicable located to have an unobstructed view in all direction.

8. Spares Wiring Diagram and Instructions :

(1) Every VHF radiotelephony ship shall carry minimum number of spares as recommended by the manufacturer of the equipment.

(2) A schematic wiring diagram of the VHF radiotelephony and a book containing adequate instructions and to the use of the VHF shall be available at all time on board.

9. Frequency Range, Class of Emission and power:

(a) The equipment shall be capable of operating within the frequency band 156.000 to 174.000 MHz with the channel span of 25 KHz and type of emission 16KOF3E

(b)(i) Frequency modulation shall be used with a pre-emphasis of 6db/octava (phase modulation).

(ii) Frequency deviation corresponding to 100% modulation shall approach 5KHz as nearly as practicable. In no event shall the frequency deviation excted + & - 5 KHz.

(iii) Frequency tolerance shall be 10 parts in 10^0

(iv) When transmitting on any of the designated frequencies the emission of transmission shall be vertically polarized at the source.

(v) Audio frequency band shall be limited to 3000 Hz.

(c) The transmitter maximum output power should not exceed 25 watts. Provision should be made to reduce the transmitter output power to 1 watt or less.

(d) Each equipment designed for operation on single frequency channels be capable of simplex operation throughout the band 156.300 to 156.875 MHz.

(e) Each equipment designed for operation on two frequency channels should be capable of simplex and semiduplex operation throughout the bands as follows :

(e) Each equipment designed for operation on two frequency channels should be capable of simplex and semiduplex operation throughout the bands as follows :

156.025 to 157.425 MHz for Transmitting & 160.625 to 162.025 MHz for Receiving. In addition, facilities for duplex operation on two frequency channels are recommend

The following additional schedule be added after the Eleventh Schedule, viz:--

THE TWELFTH SCHEDULE

[See rule 16(6)]

ENDORSEMENT CERTIFICATE

1. Endorsement Course :

The course leading to the endorsement certificate for Radio Officers shall be conducted by an approved institution for a duration of not less than three days.

2. The syllabi for the course shall be as follows :

(a) The provision of radio services in emergency including :

(i) Abandon ship

(ii) Fire aboard ship

(iii) Partial or full breakdown of the radio station.

(iv) the operation of lifeboat and life rafts and their equipment with special reference to portable and fixed lifeboat radio apparatus and emergency position indicating ratio.

(b) the operation of life boat and life rafts and their equipment with special reference to portable and fixed life boat radio apparatus and emergency position indicating radio beacons.

(c) fire prevention and fire fighting with particular reference to the radio installation.

(d) preventive measures for the safety of ship and personnel in connection with hazards related to radio equipment including electrical radiation, chemical and mechanical hazards.

(e) the use of the IMO Merchant Ship Search and Rescue Manual (MERSAR) with particular reference to radio communication.

(f) ship position-reporting systems and procedures.

(g) the use of the International Code of Signals and the IMO Standard Marine Navigational Vocabulary.

(h) Radio medical system and procedures.

(i) Global Maritime Distress and Safety system and its implementation.

(j) The worldwide navigational warning system.

3. Endorsement Certificate shall be in the following form :

ENDORSEMENT OF CERTIFICATES

(Official Seal) (Country)

Issued under the provisions of the

INTERNATIONAL CONVENTION ON STANDARDS OF TRAINING, CERTIFICATION AND WATCHKEEPING FOR SEAFARERS, 1978

either* The Government of (Name) certifies

I, the undersigned certify

that the present Certificate/Certificate No…….. ** is issued to …….. (full name of person), who has been found duly qualified in accordance with the provisions of Regulation…… of the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers 1978, as …….. ***…… with the following limitations only :

Insert here } …….
limitation }……..
or 'none" as }……
appropriate …….

Date of issue of this endorsement……..

Signed ……
(Name and signature of duly authorized official)

(Official Seal)

Date of birth of the holder of the Certificate……..

Signature of the holder of the Certificate……

* Use one line or the other

**Delete as appropriate

***Insert Convention grade or class of Certificate.

4. Application shall be in the following form

APPLICATION FOR AN ENDORSMENT OF CERTIFICATE FOR OFFICERS.

1. Name:

2. CDC/Passport Number:

3. Certificate of Proficiency

Grade:

4. Date of Passing Examination:

5. Valid till:

6. Date of last Endorsement of Certificate:

7. Additional Certificate:

Certificate	Number	Dt. of issue	Issuing Authority
1	2	3	4

1. Endorsement:
2. Fire Fighting:
3. Survival Craft:
4. First Aid:

8. Sea Service for the last Five years.

Name of ship	O.Number	Port of Registry	Type of ship	Capacity of ship	Period of service From	Period of service To	Remarks
1	2	3	4	5	6	7	

9. Details of service performed, other than on board ships, during the last 5 years ?

10. I hereby declare that the information given above is correct and true to the best of my knowledge and belief.

Date: Signature of Applicant

Note : Any person who makes any false representation or knowingly gives any false representation is liable for punishment of cheating under Section 812 and 420 of Indian Penal Code.

11. The testimonials in support of proof of service and the certificates, as mentioned above submitted by the applicant, were scrutinized and found to be in order. A fee of Rs.100/- for issue of endorsement certificate received on _____.

The endorsement certificate issued on……..

*The application is forwarded to Chief Examiner for decision.

Date : Principal Officer

Mercantile Marine Dept.

* Delete if not applicable.

12. An endorsement certificate may be issued for a period of …….. months with effect from ……..

Dated : Principal Officer

Mercantile Marine Dept.

Note:(1) One copy of the application form duly completed to be sent to the Chief Examiner for record.

(F.No.SR/11013/2/91-M.A.)
K. PADMANABHACHAR, Under Secy.

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