

1981/50



THE MASTERS AND MATES (RESTRICTED HOME-TRADE AND FISHING BOATS) EXAMINATION REGULATIONS 1975, AMENDMENT NO. 1

DAVID BEATTIE, Governor-General

At the Government Buildings at Wellington this 9th day of March 1981

Present:

THE RIGHT HON. R. D. MULDOON PRESIDING IN COUNCIL

PURSUANT to sections 20 and 504 of the Shipping and Seamen Act 1952, His Excellency the Governor-General, acting by and with the advice and consent of the Executive Council, hereby makes the following regulations.

ANALYSIS

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| <ol style="list-style-type: none"> 1. Title and commencement 2. Issue of certificates 3. Sight test 4. Restricted radar certificate and radiotelephony certificate 5. Master of small home-trade ship to hold restricted radar certificate and certificate in radiotelephony 6. Minimum age for inshore fishing skipper 7. Skipper of coastal fishing boat to hold restricted radar certificate and certificate in radiotelephony 8. Mate of deep-sea fishing boat to hold restricted radar certificate and certificate in radiotelephony | <ol style="list-style-type: none"> 9. Skipper of deep-sea fishing boat to hold restricted radar certificate and certificate in radiotelephony 10. Skipper of deep-sea fishing boat to produce navigation work book 11. Fees 12. Communications examination not required for master of small home-trade ship and skipper of coastal fishing boat 13. Communications examination 14. Syllabus for master of pleasure yacht (coastal) 15. Certain candidates not to be issued with examiner's authority 16. Inshore fishing areas Schedule |
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REGULATIONS

1. Title and commencement—(1) These regulations may be cited as the Masters and Mates (Restricted Home-Trade and Fishing Boats) Examination Regulations 1975, Amendment No. 1, and shall be read together with and deemed part of the Masters and Mates (Restricted Home-Trade and Fishing Boats) Examination Regulations 1975* (hereinafter referred to as the principal regulations).

(2) These regulations shall come into force on the 14th day after the date of their notification in the *Gazette*.

2. Issue of certificates—Regulation 4 of the principal regulations is hereby revoked.

3. Sight test—(1) Regulation 20 (1) of the principal regulations is hereby amended by inserting, before the words “Every candidate”, the words “Except in the case of a candidate for a certificate as master of pleasure yacht (coastal) or boatmaster,”.

(2) Regulation 20 (2) of the principal regulations is hereby amended—

(a) By inserting, after the item “Inshore fishing skipper”, the item “Master of pleasure yacht (ocean)”:

(b) By omitting the items:

“Master of pleasure yacht (coastal)”:

“Master of pleasure yacht (ocean)”:

“Boatmaster”.

(3) Regulation 20 of the principal regulations is hereby amended by revoking subclause (5), and substituting the following subclause:

“(5) Notwithstanding subclauses (1) and (2) of this regulation, a candidate for a certificate as master of pleasure yacht (ocean) who has failed the form vision test or the colour vision test but otherwise qualifies for a certificate may be granted a certificate endorsed accordingly.

(4) Regulations 29 (3) and 30 (5) of the principal regulations are hereby consequentially revoked.

(5) The Second Schedule to the principal regulations is hereby amended by omitting from paragraph 15 the word “boatmaster”.

4. Restricted radar certificate and radio telephony certificate—

(1) The principal regulations are hereby amended by inserting, after regulation 20, the following regulation:

“20A. (1) Every candidate for a certificate as—

“(a) Master of small home-trade ship; or

“(b) Skipper of deep-sea fishing boat; or

“(c) Mate of deep-sea fishing boat; or

“(d) Skipper of coastal fishing boat—

shall hold a valid certificate in radiotelephony, issued by the Postmaster-General under the Radio Regulations 1970, of a grade not lower than that of a restricted radiotelephone operator’s certificate, and shall also hold a restricted radar certificate.

“(2) Every person who completes to a satisfactory standard a course approved by the Principal Examiner and the practical exercises and examination prescribed in Schedule 2A to these regulations shall be entitled to receive a restricted radar certificate.

“(3) A candidate may be examined for a certificate of competency before he holds a restricted radar certificate and a restricted radiotelephone operator’s certificate, but no certificate of competency shall be issued to that candidate until he holds a restricted radar certificate and a restricted radiotelephone operator’s certificate.”

(2) The principal regulations are hereby amended by inserting, after the Second Schedule, the Schedule 2A set out in the First Schedule to these regulations.

5. Master of small home-trade ship to hold restricted radar certificate and certificate in radiotelephony—Regulation 24 of the principal regulations is hereby amended by adding the following subclause:

“(6) A candidate shall hold a restricted radar certificate and a certificate in radiotelephony as prescribed in regulation 20A of these regulations.”

6. Minimum age for inshore fishing skipper—Regulation 25 (1) of the principal regulations is hereby amended by omitting the expression “19 years of age”, and substituting the expression “18 years of age”.

7. Skipper of coastal fishing boat to hold restricted radar certificate and certificate in radiotelephony—Regulation 26 of the principal regulations is hereby amended by adding the following subclause:

“(6) A candidate shall hold a restricted radar certificate and a certificate in radiotelephony as prescribed in regulation 20A of these regulations.”

8. Mate of deep-sea fishing boat to hold restricted radar certificate and certificate in radiotelephony—Regulation 27 of the principal regulations is hereby amended by adding the following subclause:

“(6) A candidate shall hold a restricted radar certificate and a certificate in radiotelephony as prescribed in regulation 20A of these regulations.”

9. Skipper of deep-sea fishing boat to hold restricted radar certificate and certificate in radiotelephony—Regulation 28 of the principal regulations is hereby amended by adding the following subclause:

“(6) A candidate shall hold a restricted radar certificate and a certificate in radiotelephony as prescribed in regulation 20A of these regulations.”

10. Skipper of deep-sea fishing boat to produce navigation work book—(1) Regulation 28 of the principal regulations is hereby further amended by adding, after subclause (6) (as added by regulation 9 of these regulations), the following subclause:

“(7) A candidate shall produce a satisfactorily completed navigation work book as prescribed in Schedule 2B of these regulations:”

(2) The principal regulations are hereby amended by inserting, after Schedule 2A (as inserted by regulation 4 (2) of these regulations), the Schedule 2B set out in the Second Schedule to these regulations.

11. Fees—(1) Regulation 37 of the principal regulations is hereby amended by revoking subsection (4), and substituting the following subsection:

“(4) Where a candidate for a certificate other than a certificate as master of pleasure yacht (ocean) fails the eyesight test, the examination fee shall, with the exception of an amount equivalent to the prescribed eyesight test fee, be returned to him.”

(2) The Shipping (Fees) Regulations 1977* are hereby consequentially amended by revoking so much of the Third Schedule as relates to regulation 37 (4) of the principal regulations.

12. Communications examination not required for master of small home-trade ship and skipper of coastal fishing boat—(1) Regulation 38 of the principal regulations is hereby amended by omitting from items I and VII the words “and communications”.

(2) The First Schedule to the principal regulations is hereby amended:

- (a) By adding to paragraph (k) of the part of the syllabus relating to master of small home-trade ship headed “Oral” the words “Recognition of alphabetical flags and their single letter meanings.”;
- (b) By omitting from the syllabus relating to master of small home-trade ship the heading “Communications” and paragraphs (a) to (e) under that heading;
- (c) By adding to paragraph (a) of the part of the syllabus relating to skipper of coastal fishing boat headed “Oral” the words “Recognition of the alphabetical flags and their single letter meanings.”;
- (d) By omitting from the syllabus of skipper of coastal fishing boat the heading “Communications” and paragraphs (a) to (f) under that heading.

13. Communications examination—The principal regulations are hereby amended by revoking regulation 40, and substituting the following regulation:

“40. A candidate for a certificate as skipper of deep-sea fishing boat or mate of deep-sea fishing boat may take the communications part of the examination at any time within 12 months immediately before or after the date on which he presents himself for examination in the written and oral parts of the examination.”

14. Syllabus for master of pleasure yacht (coastal)—(1) Regulation 38 of the principal regulations is hereby amended by revoking paragraph (2) of item X, and substituting the following paragraph:

“(2) Compass and Meteorology . . . 2 100 60.”

(2) The First Schedule to the principal regulations is hereby amended by revoking the heading and paragraphs (a) to (e) of Paper 2 of the syllabus for master of pleasure yacht (coastal), and substituting the following heading and paragraphs:

“Paper 2—COMPASS AND METEOROLOGY (2 hours)

“(a) The siting, construction, and care of liquid compasses.

“(b) The use of the hand bearing compass, azimuth mirror, and pelorus.

“(c) A simple knowledge of the effects of hard and soft iron on the compass, including heeling error. The means used to compensate for these effects.

“(d) Meaning of the terms ‘variation’ and ‘deviation’ and their change with change of heading and geographical position.

- “(e) Constructing a table or curve of deviations from a known magnetic bearing, from transit bearings, or by finding the magnetic bearing of a distant object from compass bearings taken on equidistant headings. The limitations of these methods.
- “(f) The sequence of normal weather systems across New Zealand and the complications introduced by—
 (i) the formation of wave depressions;
 (ii) the topography of Cook Strait, Foveaux Strait and the lee sides of mountain ranges;
 (iii) Depressions of tropical origin.
- “(g) An understanding of isobaric patterns (high and low pressures) fronts and air masses.
- “(h) An interpretation of the general weather situation over a given area of New Zealand from the standard New Zealand meteorological service maps.
- “(i) Recognition of the visual weather signs and barometric tendencies that aid forecasting.”

15. Certain candidates not to be issued with examiner's authority—Regulation 41 (1) of the principal regulations is hereby amended by omitting the words “and shall be issued with an examiner's authority”.

16. Inshore fishing areas—The Third Schedule to the principal regulations is hereby amended by omitting from item I.F. 29 the words “Puysegur Point”, and substituting the words “Gultches Head”.

SCHEDULE

Regs. 4 and 10

NEW SCHEDULES TO PRINCIPAL REGULATIONS

“SCHEDULE 2A

Reg. 20A

“RESTRICTED RADAR CERTIFICATES

The course, practical exercises, and examination for the restricted radar certificate shall be conducted according to the following syllabus on a site and with facilities and procedures approved by the Principal Examiner.

“SYLLABUS FOR THE RESTRICTED RADAR CERTIFICATE

“1. Theory:

- 1.1 Pulse transmission. The nature of radar wavelengths.
- 1.2 Pulse reception. The time base. The cathode ray tube.
- 1.3 Principle of range measurement. Range accuracy limits.
- 1.4 Principle of bearing measurement. Bearing accuracy limits.

“2. Components:

- 2.1 Transmitter, waveguide, scanner, mixer and receiver display unit.
- 2.2 Position of scanner; heights; shadow sectors.

SCHEDULE—*continued*

“3. Controls:

- 3.1 Main switch; scanner switch; “stand by”.
- 3.2 Brilliance; focus; centring control.
- 3.3 Range marker and rings. Heading marker. Bearing cursor.
- 3.4 Gain control; performance monitor.
- 3.5 Anti-clutter; anti-rain clutter.
- 3.6 The practical use of these controls on the demonstration set.
- 3.7 Normal starting and stopping procedures.

“4. Interpretation:

- 4.1 Target shape, aspect, composition and size.
- 4.2 Radar reflectors.
- 4.3 Sea and rain clutter and shadows.
- 4.4 Radar horizon. Second trace returns.
- 4.5 Multiple and indirect echoes. Interference.
- 4.6 Recognising the above in practice. Using the set to best advantage in eliminating unwanted effects.

“5. Navigation:

- 5.1 Use of radar approaching the land. Precautions.
- 5.2 Use of radar when coasting: methods of obtaining a “fix” by radar.
- 5.3 Comparison of radar picture with the chart.
- 5.4 Practical “blind pilotage” and use of radar as an aid to navigation.

“6. Collision avoidance:

- 6.1 International Regulations for Prevention of Collision at Sea: Radar context.
- 6.2 Recognition of the collision situation.
- 6.3 Simple radar plots and avoidance of close quarters situations.
- 6.4 Practice in plotting.
- 6.5 Practical application of plotting using an operational radar.
- 6.6 Aids to plotting.

“SCHEDULE 2B

Reg. 28 (7)

NAVIGATION WORKBOOK FOR SKIPPER OF DEEP SEA FISHING BOAT

The Workbook shall have 8 pages comprising—

- 1 morning observation of the sun out of the meridian.
- 1 afternoon observation of the sun out of the meridian.
- 2 observations of the sun on the meridian.
- 1 fix from 2 (or more) star observations at twilight.
- 1 compass error by azimuth, sun or star.
- 2 fixes using radio direction finder.

All calculations and necessary workings shall be shown on each page. The candidate shall sign each page.”

P. G. MILLEN,
Clerk of the Executive Council.

EXPLANATORY NOTE

This note is not part of the regulations, but is intended to indicate their general effect.

These regulations amend the Masters and Mates (Restricted Home-trade and Fishing Boats) Examination Regulations 1975.

Regulation 1 provides that these regulations are to come into force on the 14th day after the date of their notification in the *Gazette*.

Regulation 2 revokes a regulation relating to the delivery of certificates. The matter is dealt with under the Shipping and Seamen Act 1952.

Regulation 3 amends the provisions relating to sight tests. Candidates for certificates as master of pleasure yacht (coastal) and boatmaster are no longer required to undertake the test. Candidates for the certificate of master of pleasure yacht (ocean) must undertake the reduced standard eyesight test.

Regulations 4, 5, 7, and 9 require candidates for certificates as master of small home-trade ship, skipper of deep-sea fishing boat, mate of deep-sea fishing boat, and skipper of coastal fishing boat to hold a restricted radar certificate and a restricted radiotelephone operator's certificate.

Regulation 6 reduces the minimum age at which a candidate for a certificate as inshore fishing skipper may sit the examination.

Regulation 10 requires a candidate for a certificate as skipper of deep-sea fishing boat to complete and produce a navigation work book.

Regulation 11 provides for the refund of the examination fee, but not the eyesight test fee, where a candidate fails the eyesight test.

Regulations 12 and 13 remove the requirement for candidates for certificates as master of small home-trade ship and skipper of coastal fishing boat to be examined in communications.

Regulation 14 amends the syllabus for the examination for a certificate of master of pleasure yacht (coastal).

Regulation 15 removes a reference to the issuing of an examiner's authority.

Regulation 16 corrects a reference in the Third Schedule to the principal regulations which defines inshore fishing areas.

Issued under the authority of the Regulations Act 1936.

Date of notification in *Gazette*: 12 March 1981.

These regulations are administered in the Ministry of Transport.