

# NEW ZEALAND NOTICES TO MARINERS

## Notices NZ 44 - 45

Published fortnightly by the New Zealand Hydrographic Authority

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### CONTENTS

- I [Explanatory Notes.](#)
  - II [Miscellaneous Notices.](#)
  - III [General Notices.](#)
  - IV [Notices to Mariners.](#)
  - V [Corrections to New Zealand Publications.](#)
  - VI [Corrections to Admiralty Publications.](#)
  - VII [Navigational Warnings.](#)
- 

New Zealand Notices to Mariners are the authority for correcting New Zealand nautical publications and those charts within New Zealand's area of charting responsibility as shown in [Annual Notice No. 1](#).

**Mariners are requested to immediately inform the New Zealand Hydrographic Authority, Land Information New Zealand, 155 The Terrace, PO Box 5501, Wellington 6145, New Zealand, Phone: 0800 665 463 or +64 (0)4 460 0110, Fax: +64 (0)4 460 0161, email: [ntm@linz.govt.nz](mailto:ntm@linz.govt.nz), of the discovery of new or suspected dangers to navigation, or shortcomings in charts and publications. A copy of a Hydrographic Note, a convenient form on which to send such information, is included at the end of Section VII of the Fortnightly Notices to Mariners.**

**Changes or defects in aids to navigation should be reported to the Rescue Coordination Centre New Zealand (RCCNZ) via the nearest New Zealand Coastal Maritime Radio Station Phone: +64 (0)4 577 8030, Fax: +64 (0)4 577 8038 or +64 (0)4 577 8041, email: [rccnz@maritimenz.govt.nz](mailto:rccnz@maritimenz.govt.nz).**

Copies of these Notices can be obtained from Land Information New Zealand, Maritime New Zealand, Principal Chart Agents at the major ports of New Zealand and the internet: [www.linz.govt.nz](http://www.linz.govt.nz).

## EXPLANATORY NOTES

This edition of Notices to Mariners includes all significant information affecting New Zealand nautical charts and publications which the New Zealand Hydrographic Authority (NZHA) has become aware of since the last edition. All reasonable efforts have been made to ensure the accuracy and completeness of the information, including third party information, on which these updates are based. The NZHA regards third parties from which it receives information as reliable, however the NZHA cannot verify all such information and errors may therefore exist. The NZHA does not accept liability for errors in third party information.

**Correction of Charts and Publications by the User.** New Zealand Notices to Mariners contain important information and should be used to keep the specified charts and publications up to date.

**Charts.** The notices in Section IV give instructions for the correction of charts.

Geographical positions refer to the largest scale chart unless otherwise stated. They are normally given in degrees, minutes and decimals of a minute, but may occasionally quote seconds for convenience when plotting from the graduation of some older-style charts.

Bearings are true, reckoned clockwise from 000° to 359°; those relating to lights are given as seen by an observer from seaward.

Alterations to depth contours, deletion of depths to make way for new detail, etc. are not mentioned unless they have some navigational significance.

Blocks, notes or tracings accompanying notices in Section IV are placed at the end of this publication.

**Permanent Notices.** A [Cumulative List](#) of permanent corrections affecting charts is published on the LINZ website.

**Temporary and Preliminary Notices.** These are indicated by (T) or (P) respectively after the notice number. Charts are not corrected for them before issue; they should be corrected in pencil on receipt.

An asterisk (\*) in a re-issued notice indicates a new or revised entry.

A list of [\(T\) and \(P\) Notices in force](#) is published on the LINZ website.

**New Zealand Publications.** Corrections to New Zealand Publications are given in Section V.

**Light Lists.** The detailed correction to the Light List is given in Section V and may not be published in the same edition as the chart correcting notice. The entire entry for each light is printed, and an asterisk (\*) is shown under the column which contains an amendment. In the case of a new light, an asterisk (\*) appears under all the columns. New and extensively altered entries are intended to be pasted in. It is recommended that a manuscript entry be made for all shorter corrections.

It is emphasised that the [List of Lights](#) is the authority for lights and that many alterations, especially those of a temporary but operational nature, may be promulgated only as corrections to the List of Lights.

## THE USE OF CHARTS AND ASSOCIATED PUBLICATIONS

**Reliance on Charts and Associated Publications.** While every effort is made to ensure the accuracy of the information on New Zealand charts and other publications, it should be appreciated that it may not always be complete and up to date. The mariner must be the final judge of the reliance to be placed on the information given, bearing in mind their particular circumstances, local pilotage guidance and the judicious use of available navigational aids.

**Charts.** Charts should be used with prudence: there are areas where the source data are old, incomplete or of poor quality. The mariner should use the largest scale appropriate for his particular purpose; apart from being the most detailed, the larger scales are usually corrected first. When extensive new information (such as a new hydrographic survey) is received, some months may elapse before it can be fully incorporated in published charts. On small scale charts of ocean areas where hydrographic information is, in many cases, still sparse, charted shoals may be in error as regards position, least depth and extent. Undiscovered dangers may exist, particularly away from well-established routes.

**Symbols.** Details on symbols and abbreviations used on charts are those shown in publication NP5011 (INT 1) Symbols and Abbreviations Used on ADMIRALTY Paper Charts, published by the United Kingdom Hydrographic Office.

**Further guidance.** The Mariner's Handbook (NP100) gives a fuller explanation of the limitations of charts. All users should study it in their own interest.

**MISCELLANEOUS NOTICES****Index of Product Announcements**

| Chart No. |
|-----------|
| NZ 54     |
| NZ 55     |
| NZ 4632   |
| NZ 5551   |
| NZ 7132   |
| NZ 7142   |
| NZ 7621   |
| NZ 7623   |

| Publications |
|--------------|
| NZ 204       |

**NEW ZEALAND CHARTS. New Editions to be Published Shortly****New Editions to be Published Shortly**

| <i>Number</i>  | <i>Title</i>  |
|----------------|---|
| <b>NZ 54</b>   | <b>Cuvier Island (Repanga Island) to East Cape</b>      |
| <b>NZ 55</b>   | <b>Cape Runaway to Kahutara Point</b>                   |
| <b>NZ 4632</b> | <b>Approaches to Te Awarua-o-Porirua Harbour</b>        |
| <b>NZ 5551</b> | <b>Plans on the East Coast</b>                          |
| <b>NZ 7132</b> | <b>Approaches to Westport</b>                           |
| <b>NZ 7142</b> | <b>Greymouth Harbour and Approaches</b>                 |
| <b>NZ 7621</b> | <b>Milford Sound/Piopiota</b>                           |
| <b>NZ 7623</b> | <b>Hāwea / Bligh Sound to Taitetimu / Caswell Sound</b> |

New Zealand Hydrographic Authority  
HITS 4632/115

**NEW ZEALAND PUBLICATIONS. New Zealand Nautical Almanac New Edition Published****New Edition Published**

*Number*      *Title and other remarks*

**NZ 204      New Zealand Nautical Almanac 2020/21 Edition**

This Edition covers the period 1 July 2020 to 30 June 2021 and includes: updated Annual Notices to Mariners (ANTM), tidal predictions, the New Zealand Light List, maritime contact information and data for the rising and setting of the sun, moon and planets for New Zealand.

Corrections accrued whilst this publication was at press will be issued in Section V of Notice to Mariners edition 14/2020 dated 10 July 2020.

Note that the updated information will also be available on the website from 1 July 2020:  
<https://www.lin.govt.nz/sea/nautical-information/new-zealand-nautical-almanac-nz-204>.

New Zealand Hydrographic Authority  
HITS 204/19

## GENERAL NOTICES

### ENC/ECDIS DATA PRESENTATION AND PERFORMANCE CHECK IN SHIPS

The International Maritime Organization (IMO) has recently indicated its concerns about operating anomalies identified in some ECDIS that fail to display important new chart features.

The International Hydrographic Organization (IHO) has produced an ENC Data Presentation and Performance Check dataset that allows mariners to check their ECDIS. The check dataset is available through ENC service providers and from the IHO website ([www.iho.int](http://www.iho.int)) which includes instructions.

Mariners are strongly recommended to use the dataset and report the results of their checks to help the IHO identify how the different brands of ECDIS display and handle chart information. Mariners are asked to also inform the IMO, national Hydrographic Offices, ECDIS manufacturers and others, so that they can take any corrective action that may be necessary.

In order to present the most comprehensive report possible to the IMO and to further assist in resolving the issues so far identified, the IHO is keen that as many ships as possible forward their results. Reports on the results can be sent via a form provided with the data or the results can be submitted on-line through a web-form.

All relevant documentation can be downloaded free from the IHO website at: [www.iho.int](http://www.iho.int).

### SOUTH PACIFIC OCEAN. MARITIME SAFETY BROADCASTS – OPTIMUM R/T FREQUENCIES WITHIN NAVAREA XIV

Diagrams showing the optimum R/T calling and working frequency bands and times for navigational warnings broadcast within 1000 nautical miles of Taupo Maritime Radio (ZLM) (38° 50'S., 176° 00'E. approx.) are available as follows:

[Hourly Area Predictions \(HAP\)](#).

[Local Area Mobile Predictions \(LAMP\)](#).

Australian Government IPS Radio and Space Services  
HITS -/1

### SOUTH PACIFIC OCEAN - KINGDOM OF TONGA - TONGA ENTRY RESTRICTIONS

1. Marine and Ports, Ministry of Infrastructure together with Ministry of Health advised that all vessels entering Tonga will be required to use Tongatapu as the first port of entry for border screening prior to re-routing to outer islands.
2. Maritime Security Committee advised that Security of all Port of Tonga heightened to Security Level 2, in which additional preventative and protective measures are to be implemented.
3. Ministry of Health advised that all international cruise ships and yachts scheduled to arrive after the 19 March 2020 shall not be granted entry into Tonga until further notice.
4. Navy hotline 0800927 to report any vessel (especially yacht and pleasure craft) trying to land on shore.

Kingdom of Tonga - Ministry of Infrastructure  
HITS 82/1050

**SOUTH PACIFIC OCEAN - NIUE ENTRY RESTRICTIONS**

All international cruise ships and yachts shall not be granted entry into Niue until further notice.

Government of Niue  
HITS 845/23

**HAWKE BAY, SOUTHWEST PACIFIC BASIN AND SOUTHERN OCEAN - ROCKET LAUNCH AND SPACE DEBRIS**

1. A hazardous rocket launch operation may be taking place between 11 June and 24 June 2020 inclusive within the following zones:

**Launch Hazard Area**

- a. 39° 14'.00S., 177° 50'.80E.
- b. 39° 14'.00S., 177° 54'.00E.
- c. 39° 17'.00S., 177° 59'.90E.
- d. 39° 40'.00S., 177° 50'.50E.
- e. 39° 40'.00S., 177° 43'.00E.
- f. 39° 14'.50S., 177° 48'.50E.

**Space Debris Hazard Area A**

- a. 44° 24'.00S., 175° 30'.00E.
- b. 44° 24'.00S., 176° 48'.00E.
- c. 47° 00'.00S., 176° 30'.00E.
- d. 47° 00'.00S., 175° 00'.00E.

**Space Debris Hazard Area B**

- a. 54° 24'.00S., 172° 00'.00E.
- b. 54° 24'.00S., 172° 30'.00E.
- c. 57° 30'.00S., 172° 00'.00E.
- d. 57° 30'.00S., 170° 00'.00E.

2. The Launch Hazard Area may be active from 1443hrs to 1903hrs NZST

3. During launch operations, the Launch Hazard Area will be reserved for the purpose of public safety, and navigation prohibited within the area, in accordance with Hawke's Bay Regional Council Navigation Safety Bylaw 2018 3.8.

4. In the vicinity of Mahia Peninsula, listen to VHF Channel 79 for Rocket Lab Range Information Broadcast.

5. Temporary virtual Automatic Identification System (AIS) aids to navigation (AtoNs) shall be used to clearly identify the perimeter of the Launch Hazard Area during active periods to vessels equipped with AIS.

6. Space debris from the launch is expected in Space Debris Hazard Area A and Space Debris Hazard Area B above.

7. Rocket Lab Range Control can be contacted during launch operations on VHF Channel 07.

8. Due to the frequency of scheduling delays, vessels planning on transiting the area should always check the latest New Zealand Notice to Mariners Edition for updates to the Rocket Lab launch schedule.

9. For further details please see New Zealand Annual Notice to Mariners, No.19, which can be found in the New Zealand Nautical Almanac (NZ204) and on the LINZ website [www.linz.govt.nz](http://www.linz.govt.nz).

10. Mariners are advised to exercise caution when navigating in and around the areas.

*(continued)*

**HAWKE BAY, SOUTHWEST PACIFIC BASIN AND SOUTHERN OCEAN - ROCKET LAUNCH AND SPACE DEBRIS continued**

11. Cancel this notice when the planned rocket launch operation has ended.

Rocket Lab Ltd.  
HITS 56/65/2

**NORTH ISLAND - EAST COAST - NAPIER PORT - DREDGING WORKS**

1. Mariners are advised that dredging operations for Napier Port are commencing 1 June 2020 until further notice.

2. Dredging will be taking place within Napier Port and Approach Channel with the use of a Backhoe Dredging Barge. Other dredging plant include Split Hopper Barges, Tug Boats and Survey Vessels. Split Hopper Barges will be towed between the Port and an Offshore Disposal Area 3-4 NM offshore from Napier's Marine Parade. An exclusion zone of 50m is in place around Dredging and Disposal Operations.

3. Mariners are advised to exercise caution when navigating in the area.

Heron Construction Company Ltd.  
HITS 5612/81

## NOTICES TO MARINERS

## Index of Charts Affected

| Chart No. | Notices to Mariners |
|-----------|---------------------|
| NZ 61     | 44                  |
| NZ 614    | 44                  |
| NZ 945    | 45                  |
| NZ 6142   | 44                  |
| NZ 6144   | 44                  |

**NZ 44/20**      **NEW ZEALAND - South Island - North Coast - Tasman Bay / Te Tai-o-Aorere and Golden Bay / Mohua. Spat Catching Areas**

1. Former notice - NZ 84(T)/19 is cancelled.

**2. Chart NZ 61 [ NE Jul 19 ]**

|  |  |
|--|--|
| Insert      | 40°42'.05S., 172°47'.56E.  |
|             | 41°00'.84S., 173°05'.57E.  |
|             | 41°04'.15S., 173°07'.70E.  |
|             | 41°08'.28S., 173°11'.50E.  |
| limit of marine farm, - - - -, joining:  | 40°37'.41S., 172°45'.72E.<br>40°38'.92S., 172°45'.71E.<br>40°38'.89S., 172°42'.36E.<br>40°37'.40S., 172°42'.36E.   |
|  (see Note) | within marine farm limits  |
| limit of marine farm, - - - -, joining:  | 40°47'.61S., 172°51'.33E.<br>40°46'.66S., 172°49'.33E.<br>40°45'.54S., 172°50'.45E.<br>40°45'.10S., 172°49'.48E.<br>40°44'.66S., 172°49'.93E.<br>40°46'.03S., 172°52'.88E. |
|  (see Note) | within marine farm limits  |


(continued)




**NZ 44/20 NEW ZEALAND - South Island - North Coast - Tasman Bay / Te Tai-o-Aorere and Golden Bay / Mohua. Spat Catching Areas continued**

Replace existing Marine Farms note, with the accompanying note: below chart title

Delete  40°38'.07S., 172°42'.57E.

legend  and limit of marine farms, - - - -, joining and within: 40°46'.66S., 172°49'.33E.  
 40°45'.07S., 172°50'.83E.  
 40°46'.03S., 172°52'.88E.  
 40°47'.61S., 172°51'.33E.

legend  and limit of marine farms, - - - -, joining and within: 41°03'.32S., 173°07'.21E.  
 41°04'.55S., 173°08'.23E.  
 41°05'.60S., 173°05'.91E.  
 41°04'.38S., 173°04'.89E.

**3. Chart NZ 614 [ 086/19 ]**

Insert  40°42'.56S., 172°47'.64E.

 40°43'.08S., 172°46'.39E.

 40°43'.47S., 172°49'.41E.

 40°44'.23S., 172°51'.04E.

 40°45'.30S., 172°53'.32E.

limit of marine farm, - - - -, joining: 40°46'.03S., 172°52'.88E.  
 40°47'.61S., 172°51'.33E.  
 40°46'.66S., 172°49'.33E.  
 40°45'.54S., 172°50'.45E.  
 40°45'.10S., 172°49'.48E.  
 40°44'.66S., 172°49'.93E.

limit of marine farm, - - - -, joining: 41°00'.29S., 173°05'.54E.  
 41°01'.68S., 173°05'.93E.  
 41°03'.19S., 173°06'.82E.  
 41°02'.94S., 173°05'.28E.  
 41°01'.46S., 173°04'.48E.  
 40°59'.99S., 173°04'.08E.

 (see Note) within marine farm limits listed immediately above

limit of marine farm, - - - -, joining: 41°03'.32S., 173°07'.21E.  
 41°04'.80S., 173°08'.44E.  
 41°05'.84S., 173°06'.11E.  
 41°04'.38S., 173°04'.89E.

(continued)

**NZ 44/20 NEW ZEALAND - South Island - North Coast - Tasman Bay / Te Tai-o-Aorere and Golden Bay / Mohua.  
Spat Catching Areas continued**

limit of marine farm, — — — —, joining:  
41°08'.33S., 173°11'.96E.  
41°09'.05S., 173°11'.16E.  
41°07'.20S., 173°08'.08E.  
41°06'.48S., 173°08'.90E.

 (see Note)

within marine farm limits  
listed immediately above

Replace existing Marine Farms note, with the accompanying note: below chart title

Delete limit of marine farm, — — — —, joining:  
40°45'.07S., 172°50'.83E.  
40°45'.54S., 172°50'.45E.  
40°46'.46S., 172°52'.44E.

limit of marine farm, — — — —, joining:  
41°04'.55S., 173°08'.23E.  
41°05'.31S., 173°06'.51E.  
41°04'.09S., 173°05'.52E.

**4. Chart NZ 6142 [ 042/20 ]**

Insert limit of marine farm, — — — —, joining:  
41°07'.90S., 173°11'.25E. (chart limit)  
41°08'.33S., 173°11'.96E.  
41°09'.05S., 173°11'.16E.  
41°08'.95S., 173°11'.00E. (chart limit)

 (see Note)


within marine farm limits

the accompanying Marine Farms note: left of chart title

**5. Chart NZ 6144 [ NE Jul 19 ]**

Insert  40°45'.30S., 172°53'.32E.

limit of marine farm, — — — —, joining:  
41°00'.29S., 173°05'.54E.  
41°01'.68S., 173°05'.93E.  
41°03'.19S., 173°06'.82E.  
41°02'.94S., 173°05'.28E.  
41°01'.46S., 173°04'.48E.  
40°59'.99S., 173°04'.08E.


 (see Note)

within marine farm limits

Replace existing Marine Farms note, with the accompanying note: right of chart title

**NZ 45/20 COOK ISLANDS - Northern Cook Islands - Nassau. Wreck****1. Chart NZ 945 (plan, Nassau) [ 046/20 ]**Amend Legend, *WRECKS PA* to *PA*

11°33'.23S., 165°25'.25W.

Delete 

11°33'.33S., 165°25'.21W.

Cook Islands Ministry of Transport  
HITS 945/46

**V**

**CORRECTIONS TO NEW ZEALAND PUBLICATIONS**

Nil

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**VI**

**CORRECTIONS TO ADMIRALTY PUBLICATIONS**

The New Zealand Hydrographic Authority no longer publishes corrections to Admiralty Publications as part of the fortnightly New Zealand Notice to Mariners Edition. For information regarding these publications please refer to:  
<https://www.admiralty.co.uk/publications>.

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**VII**

**NAVIGATIONAL WARNINGS**

The New Zealand Hydrographic Authority no longer publishes navigational warnings for NAVAREA XIV and NZ Coastal Area Z as part of the fortnightly New Zealand Notice to Mariners Edition.

New Zealand navigational warnings are available at: <https://www.maritimenz.govt.nz/commercial/safety/maritime-radio/navigational-warnings.asp>.

Australian navigational warnings are available at: <https://www.amsa.gov.au/safety-navigation/navigation-systems/maritime-safety-information-database>.

As these lists may not be up to date it is not an authoritative source of navigational warnings so Masters/Captains are still required to receive navigational warnings from the appropriate International Maritime Organization (IMO) or World Meteorological Organization (WMO) approved Global Maritime Distress and Safety System (GMDSS) broadcast service i.e. the International SafetyNET system.

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## HYDROGRAPHIC NOTE

(For instructions, see next page)

New Zealand Hydrographic Authority  
Land Information New Zealand  
Radio New Zealand House  
155 The Terrace  
PO Box 5501  
Wellington 6145  
New Zealand

Tel: 0800 665 463 or +64 (0)4 460 0110  
Email: [ntm@linz.govt.nz](mailto:ntm@linz.govt.nz)

Date ..... Ref. No. ....

Name and address of ship or sender  
.....  
.....

Tel/ Email of sender .....

General locality .....

Subject .....

Position. Lat. .... Long. ....

Position fixing system used .....

Datum .....

Paper Chart/ENC affected ..... Edition .....

Dated .....

Latest Notice to Mariners held .....

Publications affected (Edition No. and date of latest supplement, page no., ID no. etc).....

Details:

A replacement copy of Chart No. ....  
is required (see Instruction 4).

Signature of observer/reporter .....

# HYDROGRAPHIC NOTE

## Forwarding Information for Charts and Hydrographic Publications

**Note:** An acknowledgement of receipt will be sent and the information then used to the best advantage, which may mean immediate action or inclusion in a revision in due course. When a Notices to Mariners is issued, the sender's ship or name is quoted as authority unless (as sometimes happens) the information is also received in a foreign Notices to Mariners. An explanation of the use of contributions from all parts of the world would be too greater task and a further communication should only be expected when the information is of outstanding value or has unusual features.

### INSTRUCTIONS:

1. Mariners are requested to notify New Zealand Hydrographic Authority, Land Information New Zealand, 155 The Terrace, PO Box 5501, Wellington 6145, New Zealand, when new or suspected dangers to navigation are discovered, changes observed in aids to navigation, or corrections to publications seem to be necessary. The *Admiralty* publication, *The Mariner's Handbook* (NP100), Chapter 4, gives general instructions.
2. This form and its instructions have been designed to help both the sender and the recipient. It should be used, or followed, closely, whenever appropriate. Copies of this form may be obtained gratis from the New Zealand Hydrographic Authority at the address above, or in PDF format directly from the LINZ website, [www.linz.govt.nz/sea](http://www.linz.govt.nz/sea).
3. When a position is defined by sextant angles or bearings (true or magnetic being specified) more than two should be used in order to provide a check. Distances observed by radar should be quoted. However, when there is a series of fixes along a ship's course, only the method of fixing and the objects used need to be indicated. Latitude and longitude should only be used specifically to position the details when they have been fixed by astronomical observations or GPS and a full description of the method, equipment and datum used should be given.
4. Paper Charts: A cutting from the largest scale paper chart is the best medium for forwarding details, the alterations and additions being shown thereon in red. When requested, a new copy will be sent in replacement of a chart that has been used to forward information, or when extensive observations have involved defacement of the observer's chart. If it is preferred to show the amendments on a tracing of the largest scale chart (rather than the chart itself) these should be in red as above, but adequate detail from the chart must be traced in black ink to enable the amendments to be fitted correctly.  
Electronic Navigational Charts (ENCs): A screen dump of the largest scale usage band ENC with the alterations and additions being shown thereon in red.
5. When soundings are obtained, *The Mariners Handbook* (NP100) should be consulted. The echo sounding trace should be marked with times, depths, etc., and forwarded with the report. It is important to state whether the echo sounder is set to register depths below the surface, or below the keel; in the latter case the vessel's draught should be given. Time and date should be given in order that corrections for the height of the tide may be made where necessary. The make, name, and type of echo sounder set should also be given.
6. Modern echo sounders frequently record greater depths than the set's nominal range, e.g. with a set whose maximum is 500m a trace appearing at 50m may in fact be 550m or even 1,050m. Erroneous deep soundings beyond the sets nominal range can usually be recognised by the following:
  - (a) The trace being weaker than normal for the depth registered
  - (b) The trace appearing to pass through the transmission line
  - (c) The "feathery" nature of the trace.
7. Reports which cannot be confirmed or are lacking in certain details should not be withheld. Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be mentioned.
8. Reports of shoal soundings, uncharted dangers and navigational aids out of order should, at the mariner's discretion, also be made by radio to the nearest coast radio station. The draught of modern tankers is such that any uncharted depth under 30 metres or 15 fathoms may be of sufficient importance to justify a radio message.

*To accompany New Zealand Notice to Mariners No. 44/20*

**NZ 61**

**MARINE FARMS**

Marine farms presenting a hazard to navigation may be encountered. Farm extents may be subject to seasonal change and may be marked by buoys, beacons and lights. Mariners are warned that not all farms may be shown on this chart.

*To accompany New Zealand Notice to Mariners No. 44/20*

**NZ 614**

**MARINE FARMS**

Marine farms presenting a hazard to navigation may be encountered. Farm extents may be subject to seasonal change and may be marked by buoys, beacons and lights. Mariners are warned that not all farms may be shown on this chart.

*To accompany New Zealand Notice to Mariners No. 44/20*

**NZ 6142**

**MARINE FARMS**

Marine farms presenting a hazard to navigation may be encountered. Farm extents may be subject to seasonal change and may be marked by buoys, beacons and lights. Mariners are warned that not all farms may be shown on this chart.

*To accompany New Zealand Notice to Mariners No. 44/20*

**NZ 6144**

**MARINE FARMS**

Marine farms presenting a hazard to navigation may be encountered. Farm extents may be subject to seasonal change and may be marked by buoys, beacons and lights. Mariners are warned that not all farms may be shown on this chart.