

NEW ZEALAND NOTICES TO MARINERS

Notices NZ 77 - 79

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, Toitū Te Whenua 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, 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.

Copies of these Notices can be obtained from Toitū Te Whenua Land Information New Zealand, Maritime New Zealand, Principal Chart Agents at the major ports of New Zealand and the internet: 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 Toitū Te Whenua 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 Toitū Te Whenua LINZ website.

Local Notices to Mariners. In addition to Toitū Te Whenua LINZ issued Notices to Mariners, harbourmasters and regional councils may promulgate local Notices to Mariners. Mariners are advised to refer to such notices. For mariners operating in the Auckland Region please see <https://at.govt.nz/boating-marine/local-notices-to-mariners/>.

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.
Nil

Publication
Nil

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) 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.

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:

https://downloads.sws.bom.gov.au/data/HF_Systems/Monthly_Predictions/9038/HAP9038Taupo_page_1.pdf

https://downloads.sws.bom.gov.au/data/HF_Systems/Monthly_Predictions/9038/LAMP9038NAVAREAXIV1.pdf

Australian Government IPS Radio and Space Services
HITS -/159

SOUTH PACIFIC OCEAN. RATIONALISATION OF SMALL-SCALE PAPER CHARTS AND WITHDRAWAL OF NZMARINER RASTER CHART FOLIO

New Zealand Hydrographic Authority (NZHA), Toitū Te Whenua LINZ, is responsible for the rollout of future navigation products conforming to the new Universal Hydrographic Data Model which is known as the S-100 standard.

Commencing in 2026, S-100 products will be gradually phased in across the maritime community by 2030. Timings will align with those set by the International Hydrographic Organization (IHO) to meet the implementation of the International Maritime Organization (IMO) SOLAS S-100 ECDIS performance standard.

In preparation for this digital future, the NZHA will be withdrawing some navigational products and services. This will free resources needed to create and maintain improvements to the ENC product and prepare for the S-100 implementation.

(continued)

**SOUTH PACIFIC OCEAN. RATIONALISATION OF SMALL-SCALE PAPER CHARTS AND WITHDRAWAL OF NZMARINER
RASTER CHART FOLIO continued****Rationalisation of New Zealand Paper Nautical Charts**

There has been a significant shift in demand from paper nautical charts to Electronic Navigation Charts (ENCs). The NZHA will therefore be rationalising the New Zealand paper chart portfolio to permit a greater focus on new editions of ENCs. Note that equivalent ENC coverage will remain in place. The following New Zealand small-scale paper charts will be withdrawn by December 2023:

<i>Chart Number</i>	<i>Chart Title</i>	<i>Scale</i>
NZ 21 (INT 641)	Norfolk Island to Cape Egmont	1:1,500,000
NZ 22 (INT 639)	Kermadec Islands to East Cape	1:1,500,000
NZ 23 (INT 640)	North Island	1:1,500,000
NZ 24	Western Approaches to South Island	1:1,250,000
NZ 25 (INT 648)	South Island	1:1,500,000
NZ 26	East Cape to Cook Strait including Chatham Islands	1:1,250,000
NZ 27	Chatham Islands to Bounty Islands	1:1,250,000
NZ 28	Stewart Island/Rakiura to Macquarie Island	1:1,250,000
NZ 29	Stewart Island/Rakiura to Campbell Island/Motu Ihupuku	1:1,250,000
NZ 31	Bounty and Antipodes Islands and part of the Southern Ocean	1:1,250,000

These charts have been assessed to be fully covered by other scales and withdrawal will not impact navigation safety.

NZMariner (RNC) service to be permanently withdrawn

The NZHA intends to withdraw its NZMariner service by December 2023. The NZMariner service has been replaced by the NZ ENC Service as Electronic Navigational Charts (ENCs) must be used as the primary means of navigation in ECDIS. NZ ENCs are distributed globally through [IC-ENC](#) Value Added Resellers delivering comprehensive end-user services for use in ECDIS, and locally through the [NZ ENC Service](#). For non-navigation use, georeferenced raster chart TIFF images (GeoTIFFs) are available on the [LINZ Data Service](#). More details of these changes will be published in Notice to Mariners editions over the coming months.

New Zealand Hydrographic Authority
HITS -/174

NEW ZEALAND. CANTERBURY BIGHT - SUBSURFACE SCIENTIFIC INSTRUMENTS

From 25 November, subsurface instruments are expected to be deployed in the Canterbury Bight region. The two deployment locations are:

- in 30-40 metre water depth off the Ashburton River (within a radius of 2 kilometres, centred on 44°13'.1S., 171°54'.9E.), and
- in 8 metre water depth at the eastern side of the mouth of Te Oka Bay (within a radius of 150 metres, centred on 43°51'.5S., 172°46'.8E.).

Mariners are advised to exercise caution when undertaking seabed activities such as trawling in these areas. Mariners are also requested not to anchor to the surface markers in Te Oka Bay.

As-laid positions will be advised in due course.

Ocean Infinity
HITS 64/44

NOTICES TO MARINERS

Index of Charts Affected

Chart No.	Notices to Mariners
NZ 51	77
NZ 52	77
NZ 512	77
NZ 521	77
NZ 522	78
NZ 5125	77
NZ 5212	77
NZ 6142	79(P)

NZ 77/23 NEW ZEALAND - North Island - East Coast - Northland. Protection areas

1. Chart NZ 51 [081/18]

Insert limit, **TTTT**, joining:

(chart limit) 35°12'.00S., 174°17'.01E.
35°11'.35S., 174°17'.51E.
35°10'.30S., 174°16'.37E.
35°07'.28S., 174°17'.06E.
35°08'.64S., 174°18'.91E.
35°07'.24S., 174°21'.56E.
35°09'.48S., 174°23'.87E.
35°10'.21S., 174°23'.05E.

(chart limit) 35°12'.00S., 174°24'.16E.

legend, *Te Hā o Tangaroa Protection Area (see Note)*, centred on:

35°09'.00S., 174°18'.00E.

the accompanying note, TE HĀ O TANGAROA PROTECTION AREA:

below chart title

(continued)

NZ 77/23 NEW ZEALAND - North Island - East Coast - Northland. Protection areas continued

2. Chart NZ 52 [141/18]

Insert	limit, TTTT , joining:	(chart limit)	35°08'.59S., 174°19'.00E. 35°07'.24S., 174°21'.56E. 35°09'.48S., 174°23'.87E. 35°10'.21S., 174°23'.05E. 35°15'.12S., 174°26'.11E. 35°16'.12S., 174°20'.05E.
	legend, <i>Te Hā o Tangaroa Protection Area (see Note)</i> , centred on:	(chart limit)	35°16'.02S., 174°19'.00E. 35°14'.00S., 174°23'.00E.
	limit, TTTT , joining:	(coastline)	35°25'.77S., 174°23'.60E. 35°24'.32S., 174°24'.37E. 35°22'.99S., 174°27'.77E. 35°26'.96S., 174°30'.92E.
	legend, <i>Te Hā o Tangaroa Protection Area (see Note)</i> , centred on:	(coastline)	35°27'.78S., 174°26'.75E. 35°24'.00S., 174°27'.00E.
	the accompanying note, TE HĀ O TANGAROA PROTECTION AREA:		below chart title

3. Chart NZ 512 [030/22]

Insert	limit, TTTT , joining:	(coastline)	35°13'.26S., 174°16'.04E. 35°11'.35S., 174°17'.51E. 35°10'.30S., 174°16'.37E. 35°07'.28S., 174°17'.06E. 35°08'.64S., 174°18'.91E. 35°07'.24S., 174°21'.56E. 35°09'.48S., 174°23'.87E. 35°10'.21S., 174°23'.05E. 35°15'.12S., 174°26'.11E. 35°16'.12S., 174°20'.05E.
	legend, <i>Te Hā o Tangaroa Protection Area (see Note)</i> , centred on:	(coastline)	35°15'.89S., 174°17'.59E. 35°13'.50S., 174°22'.50E.
	the accompanying note, TE HĀ O TANGAROA PROTECTION AREA:		below chart title

(continued)

IV

NZ 77/23 NEW ZEALAND - North Island - East Coast - Northland. Protection areas continued

4. Chart NZ 521 [022/21]

Insert	limit, TTTT , joining:	(chart limit) 35°12'.01S., 174°17'.00E. 35°11'.35S., 174°17'.51E.
		(chart limit) 35°10'.88S., 174°17'.00E.
	limit, TTTT , joining:	(chart limit) 35°09'.75S., 174°23'.56E. 35°10'.21S., 174°23'.05E. 35°15'.12S., 174°26'.11E. 35°16'.12S., 174°20'.05E.
		(coastline) 35°15'.89S., 174°17'.59E.
	legend, <i>Te Hā o Tangaroa Protection Area (see Note)</i> , centred on:	35°13'.00S., 174°22'.00E.
	limit, TTTT , joining:	(coastline) 35°25'.78S., 174°23'.60E. 35°24'.32S., 174°24'.37E. 35°22'.99S., 174°27'.77E. 35°26'.96S., 174°30'.92E.
		(coastline) 35°27'.78S., 174°26'.74E.
	legend, <i>Te Hā o Tangaroa Protection Area (see Note)</i> , centred on:	35°24'.00S., 174°28'.00E.
	the accompanying note, TE HĀ O TANGAROA PROTECTION AREA:	below chart title


5. Chart NZ 5125 [064/22]

Insert	limit, TTTT , joining:	(coastline) 35°13'.27S., 174°16'.04E. 35°11'.35S., 174°17'.51E. 35°10'.30S., 174°16'.37E.
		(chart limit) 35°08'.40S., 174°14'.98E.
	limit, TTTT , joining:	(chart limit) 35°08'.40S., 174°18'.58E. 35°08'.64S., 174°18'.91E.
		(chart limit) 35°08'.40S., 174°19'.36E.
	legend, <i>Te Hā o Tangaroa Protection Area (see Note)</i> , centred on:	35°09'.30S., 174°19'.00E.
	legend, <i>Te Hā o Tangaroa Protection Area (see Note)</i> , centred on:	35°12'.50S., 174°17'.00E.
	the accompanying note, TE HĀ O TANGAROA PROTECTION AREA:	below chart title

6. Chart NZ 5212 (plan, Whangamumu Harbour) [065/23]

Insert	legend, <i>Te Hā o Tangaroa Protection Area (see Note)</i> , centred on:	35°14'.10S., 174°19'.30E.
	the accompanying note, TE HĀ O TANGAROA PROTECTION AREA:	below chart plan title

NZ 78/23 NEW ZEALAND - North Island - East Coast - Hauraki Gulf / Tikapa Moana. Lit Wave Buoy**1. Chart NZ 522 [050/21]**

Insert  F(5)Y.20s
Y

36°25'.17S., 175°07'.77E.

Auckland Council
HITS 5322/682

NZ 79(P)/23 NEW ZEALAND - South Island - North Coast - Blind Channel Entrance. Shoaling

1. Shoaling has been reported in the entrance to Blind Channel. Latest survey information indicates movement of shoaling approximately 200m to the NE of the channel entrance.
2. Mariners are advised to exercise caution and utilize navigational aids when navigating in the area.
3. Strong currents flow in the channels and the 'Cut'. This area is especially hazardous in wind over tide conditions (Spring Ebb (outgoing) tide with a Northerly wind).
4. Charting action will take place in due course.

Chart affected: NZ6142

Nelson City Council
HITS 6142/309

V

CORRECTIONS TO NEW ZEALAND PUBLICATIONS

Nil

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>.

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.

HYDROGRAPHIC NOTE

(For instructions, see next page)

New Zealand Hydrographic Authority
Toitū Te Whenua 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

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, Toitū Te Whenua 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 Toitū Te Whenua LINZ website, www.linz.govt.nz/products-services/maritime-safety.
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. 77/23

NZ 51

TE HĀ OTANGAROA PROTECTED AREA
For restrictions and prohibited activities within Te Hā o Tangaroa Protection Area, mariners are advised to refer to Regional Plan for Northland with particular attention drawn to section "C.1.10 Te Hā o Tangaroa Protection Areas".

To accompany New Zealand Notice to Mariners No. 77/23

NZ 52

TE HĀ OTANGAROA PROTECTED AREA
For restrictions and prohibited activities within Te Hā o Tangaroa Protection Area, mariners are advised to refer to Regional Plan for Northland with particular attention drawn to section "C.1.10 Te Hā o Tangaroa Protection Areas".

To accompany New Zealand Notice to Mariners No. 77/23

NZ 512

TE HĀ OTANGAROA PROTECTED AREA
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To accompany New Zealand Notice to Mariners No. 77/23

NZ 521

TE HĀ OTANGAROA PROTECTED AREA
For restrictions and prohibited activities within Te Hā o Tangaroa Protection Area, mariners are advised to refer to Regional Plan for Northland with particular attention drawn to section "C.1.10 Te Hā o Tangaroa Protection Areas".

To accompany New Zealand Notice to Mariners No. 77/23

NZ 5125

TE HĀ OTANGAROA PROTECTED AREA
For restrictions and prohibited activities within Te Hā o Tangaroa Protection Area, mariners are advised to refer to Regional Plan for Northland with particular attention drawn to section "C.1.10 Te Hā o Tangaroa Protection Areas".

To accompany New Zealand Notice to Mariners No. 77/23

NZ 5212

TE HĀ OTANGAROA PROTECTED AREA
For restrictions and prohibited activities within Te Hā o Tangaroa Protection Area, mariners are advised to refer to Regional Plan for Northland with particular attention drawn to section "C.1.10 Te Hā o Tangaroa Protection Areas".