

NEW ZEALAND NOTICES TO MARINERS

Notices

NZ 99 – 109

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

Mariners are requested to immediately inform 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, 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 VI 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 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 books up to date.

Charts. The notices in Section II 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 II are placed at the end of this publication.

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

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

New Zealand Publications. Corrections to New Zealand Publications are given in Section IV.

Light Lists. The detailed correction to the Light List is given in Section III 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 Chart 5011 (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.

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.

Caution - Advisory Notice

Announcement regarding Temporary and Preliminary Notices to Mariners on Electronic Navigational Charts

From Notice to Mariners Edition 9/2017 dated 28 April 2017, the New Zealand Hydrographic Authority started applying Temporary and Preliminary Notices to Mariners directly to affected Electronic Navigational Charts (ENCs). The notices can be viewed within the ECDIS operating environment. New Zealand Notice to Mariners Editions no longer list the ENCs affected by Temporary and Preliminary notices.

II

NUMERICAL INDEX OF CHARTS AFFECTED

(NZ NTM Edition No. 10 dated 12 May 2017)

NZ Chart No.	INT Chart No.	ENC No.	Notice to Mariners		
NZ 23	INT 640		106(T)		
NZ 26			106(T)		
NZ 27			106(T)		
NZ 31			106(T)		
NZ 46			99		
NZ 48			99		
NZ 51			102		
NZ 54			99		
NZ 56			106(T)		
NZ 57			106(T)		
NZ 61			102		
NZ 86			NZ300086	105(T)	
NZ 512				102	
NZ 542				104	
NZ 861				105(T)	
NZ 864				NZ400864	105(T)
NZ 865					NZ400865
NZ 3111					106(T)
NZ 5222					103
NZ 5224					103
NZ 6422				NZ406422	108(T)
NZ 14061			106(T)		
NZ 14065			106(T)		
NZ 14600			106(T)		
NZ 14605			INT 605	NZ14605E	105(T), 107(T)
NZ 14605					109(T)
NZ 14631	INT 631	NZ214631	105(T)		
NZ 14638	INT 638	NZ14605W	105(T), 107(T), 109(T)		
		NZ214630	105(T), 107(T)		
		NZ506422	100		
			108(T)		

NEW ZEALAND TEMPORARY AND PRELIMINARY NOTICES IN FORCE

(NZ NTM Edition No. 10 dated 12 May 2017)

NZ Notice	T/P	Charts Affected	Locality and Subject
		NZ Chart, ENC Cell	
41/14	P	NZ 268	Chatham Islands: Depths and Rocks
246/15	P	NZ 51, NZ 512, NZ300512	East Coast, Bay of Islands: Uncharted Rocks
32/16	T	NZ 66, NZ 661, NZ300661	East Coast, Approaches to Otago Harbour: Scientific Instruments
155/16	P	NZ 4212	West Coast, Hokianga Harbour: Uncharted depths and rocks
159/16	T	NZ 4424, NZ404424	West Coast, Taharoa Offshore Terminal: Buoy
167/16	T	NZ 23 (INT 640), NZ 26, NZ 55, NZ 14600 (INT 600), NZ200023, NZ300055, NZ14600E	East Coast, Ariel Bank, Eastwards: Scientific Instruments
178/16	T	NZ 4314, NZ 4315, NZ404314, NZ504315	West Coast, Manukau Harbour, Wairopa Channel: Aids to Navigation
182/16	P	NZ 268	Chatham Islands: Area of Restricted Access
196/16	T	NZ 632, NZ 6321, NZ400632, NZ506321, NZ606321	East Coast, Lyttelton Harbour / Whakaraupō, Sticking Point Eastwards: Exclusion Zone
220/16	T	NZ 61, NZ 614, NZ 6142, NZ 6144, NZ300614, NZ406142, NZ406144	North Coast, Tasman Bay / Te Tai-o-Aorere and Golden Bay / Mohua: Spat Catching Areas
253/16	P	NZ 286	Auckland Islands: Rocks
254/16	T	NZ 4633, NZ 4634, NZ404633, NZ546344	South Coast, Wellington Harbour: Restricted area, Buoys and Light
255/16	P	NZ 5411, NZ405411	East Coast, Bay of Plenty, Tauranga Harbour: Rock and Buoy
264/16	T	NZ 4314, NZ404314	West Coast, Manukau Harbour Entrance: Depths
267/16	T	NZ 561, NZ 5612, NZ400561, NZ505612, NZ605612	East Coast, Hawke Bay, Napier Roads: Buoy and AIS
44/17	P	NZ 268, NZ 2683, NZ 2685, NZ402683, NZ526852	Chatham Islands, Port Waitangi Wharf: Works
45/17	T	NZ 7142, NZ407142, NZ507142	West Coast, Greymouth, Harbour: Depths
46/17	T	NZ 29, NZ 3111, NZ200029	Campbell Island/Motu Ihupuku: Scientific Buoy
49/17	T	NZ 532, NZ 5321, NZ 5324, NZ305321, NZ305322, NZ405321, NZ405324	East Coast, Tamaki Strait: Light Characteristics
50/17	P	NZ 532, NZ 5324, NZ5325, NZ305322, NZ405324, NZ505325	East Coast, Tamaki Strait: Uncharted Wreck
58/17	P	NZ 532, NZ 5324, NZ305322, NZ405324	East Coast, Hauraki Gulf, Waiheke Island, Hekerua Bay: Shoal
63/17	T	NZ 23 (INT 640), NZ 25 (INT 648), NZ 26, NZ 46, NZ 48, NZ 58, NZ 62, NZ200023, NZ300046, NZ300058, NZ300062	Cook Strait and Approaches: Scientific Seabed Instruments
74/17	P	NZ 5412	East Coast, Bay of Plenty, Tauranga Harbour: Aids to Navigation
77/17	T	NZ 56, NZ 561, NZ300056, NZ400561	East Coast, Cape Kidnappers, Northwestwards: Outfall Pipeline Works
82/17	P	NZ 51, NZ 512, NZ300512	East Coast, Moturoa Islands, Karikari Peninsula and Fair Way Reef: Uncharted Rocks
92/17	T	NZ 23 (INT 640), NZ 26, NZ 27, NZ 56, NZ 57, NZ 58, NZ 62, NZ 561, NZ200023, NZ300056, NZ300057, NZ300058, NZ300062, NZ400561, NZ500057	East Coast, Cape Kidnappers to Honeycomb Eastwards: Seismic Survey
93/17	T	NZ 82 (T 82), NZ 827 (T 827), NZ 8275 (T 8275), NZ300827, NZ408275	Kingdom of Tonga, Tongatapu, Approaches to Nuku'alofa: Aids to Navigation
94/17	T	NZ 63, NZ 632, NZ 6321, NZ300063, NZ400632, NZ506321	East Coast, Lyttelton Harbour / Whakaraupō, Governors Bay: Light
97/17	T		Maritime Safety Broadcasts - Optimum R/T Frequencies Within NAVAREA XIV
98/17	T	NZ 5215, NZ505215	East Coast, Whangarei Harbour, Tamaterau Reach: Light Unlit
106/17	T	NZ 23 (INT 640), NZ 26, NZ 27, NZ 31, NZ 56, NZ 57, NZ 3111, NZ 14061, NZ 14065, NZ 14600	East Coast, Hawke Bay, Bounty Islands and Southern Ocean: Rocket Launch and Space Debris
109/17	T	NZ 14605 (INT 605), NZ 14638 (INT 638)	Fiji, Viti Levu, Vanua Levu, Southern Lau Group & Northern Lau Group: Lights

NZ 99/17 NEW ZEALAND PUBLICATIONS. New Paper Chart Editions Published

1. Former notice – NZ 251(P)/16 is cancelled.

2. New Paper Chart Editions Published.

<i>Number</i>	<i>Title and other remarks</i>	<i>Scale 1:</i>	<i>Published</i>	<i>Notice to Mariners in Force</i>	<i>NZ 202 Page</i>
NZ 46	Cook Strait <i>New edition incorporating updates from new survey data and general updating throughout.</i>	200 000	May 2017	NZ 63(T)/17	15
NZ 48	Western Approaches to Cook Strait <i>New edition incorporating updates from new survey data and general updating throughout.</i>	400 000	May 2017	NZ 63(T)/17	15
NZ 54	Cuvier Island (Repanga Island) to East Cape <i>New edition incorporating updates from new survey data and general updating throughout.</i>	300 000	May 2017		15

3. Charts Permanently Withdrawn.

<i>Number</i>	<i>Published</i>
NZ 46	July 2000
NZ 48	April 2000
NZ 54	July 1997

New Zealand Hydrographic Authority
HITS 54/77

NZ 100/17 NEW ZEALAND PUBLICATIONS. New Electronic Navigational Chart (ENC) Published

<i>Number</i>	<i>Title</i>	<i>Published</i>
NZ214630	NZ14630 – South Pacific Ocean – Samoa Islands To Southern Cook Islands	May 2017

README.TXT File

The README.TXT file located within the ENC_ROOT folder of an ENC exchange set contains important safety related information. This file is updated on a regular basis and should be consulted to ensure that all related issues are taken into consideration. The latest README.TXT file is also located on the LINZ website www.linz.govt.nz/sea/charts/electronic-navigational-charts-encs.

Use of Electronic Navigational Charts

For compliance with New Zealand legal requirements for nautical charts and publications please refer to *Maritime Rules Part 25*, as supported by Maritime New Zealand's *Marine Guidance Notice Issue 8*, (July 2009), Use of Electronic Charts, ECDIS and ENCs in New Zealand, available from the Maritime New Zealand website <http://www.maritimenz.govt.nz/commercial/safety/safety-updates/guidance-notices/documents/Issue8-mnz-guidance-notice-june-2008.pdf>.

New Zealand Hydrographic Authority
HITS 14630/3

NZ 101/17 NEW ZEALAND PUBLICATIONS. Raster Navigational Charts (RNCs) BSB Update File

From 12 May 2017, the NZMariner BSB cumulative update file for April 2017 will be available from the LINZ website: <http://www.linz.govt.nz/sea/charts/nzmariner-official-raster-navigational-charts-rncs>.

NZMariner Raster Navigational Charts (RNCs) can be used only in conjunction with compatible viewing software called Electronic Charting Systems (ECS).

For compliance with New Zealand legal requirements for nautical charts and publications please refer to Maritime Rules Part 25, as supported by Maritime New Zealand Marine Guidance Notice 8 'Use of Electronic Charts, ECDIS and ENC's in New Zealand' available from the Maritime New Zealand website:

<http://www.maritimenz.govt.nz/commercial/safety/safety-updates/guidance-notices/documents/Issue8-mnz-guidance-notice-june-2008.pdf>.

Further details are included in the Annual New Zealand Notices to Mariners, No.1 which can be found in the New Zealand Nautical Almanac (NZ 204) and on the LINZ website: <http://www.linz.govt.nz/sea>.

New Zealand Hydrographic Authority
HITS -/40






NZ 102/17 NEW ZEALAND PUBLICATIONS. New Paper Chart Editions to be Published Shortly

<i>Number</i>	<i>Title</i>
NZ 51	Tauroa Point to Cape Brett
NZ 61	Karamea River to Stephens Island
NZ 512	Cape Karikari to Cape Brett

New Zealand Hydrographic Authority
HITS 512/52

NZ 104/17 NEW ZEALAND – North Island – East Coast – Bay of Plenty – Opotiki northwards. Mussel Farm, Buoys

1. Chart NZ 542 [90/17]

Insert	 <i>Fl(5)Y.20s</i>	(a)	37° 53'.19S., 177° 12'.89E.
	 <i>Fl(5)Y.20s</i>	(b)	37° 53'.11S., 177° 19'.39E.
	 <i>Fl(5)Y.20s</i>	(c)	37° 54'.43S., 177° 19'.38E.
	 <i>Fl(5)Y.20s</i>	(d)	37° 54'.47S., 177° 12'.90E.
	limit of marine farm, - - - - -, joining:		(a) – (d) above
Move	 , from:		37° 54'.35S., 177° 13'.04E.
	to:		37° 53'.80S., 177° 16'.09E.

Whakatohea Mussels (Opotiki) Ltd.
HITS 542/78

Note: No tracings are included for this notice.

NZ 105(T)/17 SOUTH PACIFIC OCEAN – Fiji to Western Samoa. Geophysical Survey

1. Former notice – NZ 78(T)/17 is cancelled.
2. Cancel this notice on receipt.

Charts formerly affected: NZ 86, NZ 861, NZ 864, NZ 865, NZ 14605 (INT 605), NZ 14631 (INT 631), NZ 14638 (INT 638), NZ14605E, NZ14605W, NZ214631, NZ300086, NZ400864, NZ400865

EGS Survey PTY Ltd.
HITS 14638/279/2

**NZ 106(T)/17 SOUTH PACIFIC – New Zealand – Hawke Bay, Bounty Islands and Southern Ocean.
Rocket Launch and Space Debris**

1. A hazardous rocket launch test operation will be taking place between 22 May and 3 June 2017 within the following zones:

Launch Hazard Area A

- (a) 39° 13'.28S., 177° 47'.00E.
- (b) 39° 13'.28S., 177° 51'.06E.
- (c) 39° 13'.08S., 177° 52'.68E.
- (d) 39° 11'.42S., 177° 55'.46E.
- (e) 39° 11'.80S., 177° 58'.00E.
- (f) 39° 19'.00S., 178° 05'.00E.
- (g) 40° 02'.91S., 178° 04'.85E.
- (h) 40° 03'.46S., 177° 57'.27E.

Space Debris Zone B

- (a) 44° 20'.42S., 177° 49'.33E.
- (b) 44° 13'.44S., 179° 22'.07E.
- (c) 48° 01'.00S., 179° 34'.04W.
- (d) 48° 19'.73S., 178° 50'.20E.

Space Debris Zone C

- (a) 58° 41'.38S., 178° 27'.81W.
- (b) 58° 27'.93S., 176° 32'.41W.
- (c) 62° 52'.04S., 173° 58'.38W.
- (d) 63° 10'.17S., 175° 49'.82W.

2. A marine reserve area will be in effect within Launch Hazard Area A in accordance with Hawke's Bay Regional Council Navigation Safety Bylaw 2012 3.8.
3. Rocket Lab Range Control can be contacted in the vicinity of the Mahia Peninsula during launch operations on VHF Channel 07.
4. Mariners are advised to exercise caution when navigating in and around the areas.

Charts temporarily affected: NZ 23 (INT 640), NZ 26, NZ 27, NZ 31, NZ 56, NZ 57, NZ 3111, NZ 14061, NZ 14065, NZ 14600

Rocket Lab Ltd.
HITS 56/49

NZ 107(T)/17 SOUTH PACIFIC OCEAN – Fiji – Viti Levu, Vanua Levu, Southern Lau Group & Northern Lau Group. Lights

1. Former notice – NZ 79(T)/17 is cancelled.
2. Cancel this notice on receipt.

Charts formerly affected: NZ 14605 (INT 605), NZ 14638 (INT 638), NZ14605E, NZ14605W

BA Light List (Volume K): 4695, 4704, 4714, 4714.6, 4733.4, 4751, 4758, 4759

New Zealand Hydrographic Authority
HITS 14638/284

**NZ 108(T)/17 NEW ZEALAND – South Island – East Coast – Approaches to Timaru Harbour. Buoy
Characteristics Restored**

1. Former notice – NZ 75(T)/17 is cancelled.
2. Cancel this notice on receipt.

Charts formerly affected: NZ 6422, NZ406422, NZ506422

Primeport Timaru
HITS 6422/94

NZ 109(T)/17 SOUTH PACIFIC OCEAN – Fiji – Viti Levu, Vanua Levu, Southern Lau Group & Northern Lau Group. Lights

1. The following lights are reported as unlit:

- (a) 18° 30'.9S., 177° 58'.8E. Beqa South West Reef
- (b) 17° 07'.1S., 176° 55'.6E. Viwa Island
- (c) 16° 49'.1S., 178° 17'.9E. Yadua Island. Summit
- (d) 17° 27'.0S., 178° 57'.7E. Makogai Island
- (e) 19° 00'.0S., 179° 52'.0W. Totoya Island. South West Point
- (f) 19° 50'.0S., 178° 13'.2W. Vatoa Island

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

Charts temporarily affected: NZ 14605 (INT 605), NZ 14638 (INT 638)

BA Light List (Volume K): 4695, 4714, 4714.6, 4733.4, 4758, 4759

Maritime Safety Authority of Fiji
HITS 14638/284/2

III

CORRECTIONS TO NEW ZEALAND LIGHT LIST

(NZ NTM Edition No. 10 dated 12 May 2017)

**NEW ZEALAND NAUTICAL ALMANAC 2016/17, NZ 204
LIGHT LIST INFORMATION**

Nil

IV

CORRECTIONS TO NEW ZEALAND PUBLICATIONS

(NZ NTM Edition No. 10 dated 12 May 2017)

New Zealand Chart Catalogue 15th Edition, NZ 202

Page 15

NORTH ISLAND

<i>Amend</i>	NZ 46	Cook Strait -----	200 000	1/1989	5/2017
	NZ 48	Western Approaches to Cook Strait -----	400 000	4/1998	5/2017
	NZ 54	Cuvier Island (Repanga Island) to East Cape -----	300 000	10/1984	5/2017

(HITS 54/77)

V

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: <http://www.linz.govt.nz/sea/maritime-safety/new-zealand-radio-navigational-warnings>.

Australian navigational warnings are available at: <http://amsa.gov.au/search-and-rescue/distress-and-safety-comms/msi/msi-email/index.asp>.

As these lists may not be up to date they are 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.

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>

HYDROGRAPHIC NOTE

(For instructions, see next page)

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Land Information New Zealand
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New Zealand

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Fax: +64 (0)4 460 0161
Email: ntm@linz.govt.nz

Date Ref. No.

Name and address of ship or sender

.....
.....

Tel/Fax/Telex/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. Hydrographic Notes can also be sent from mobile devices using the Hydrographic Notes Application available for [Android](#) and [Apple](#) devices.
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.