

General Information

1. In accordance with agreements between New Zealand (NZ), Australia (AU) and the British Admiralty (BA) for reducing duplication in charting activities, New Zealand has a defined Charting Area (NZ AREA) the extent of which is shown on page 191.
2. NZ Notices to Mariners (NTMs), are originated by Land Information New Zealand (LINZ), the New Zealand Hydrographic Authority. There are two main types of NTMs: Annual Notices and Fortnightly Notices;
 - (a) Annual NTMs are numbered from 1–18 and are published in July as part of the NZ Nautical Almanac (NZ 204). They provide important safety critical information for the Mariner and are updated by Fortnightly NTMs.
 - (b) Fortnightly NTMs are numbered sequentially from 19 annually and are the authority for correcting NZ nautical charts and publications. For more details on the content of this service see NTMs section on the LINZ website www.linz.govt.nz/hydro/ntms/index.aspx
3. Copies of these Fortnightly NTMs can be obtained:
 - (a) Electronically from LINZ:
 - (i) via www.linz.govt.nz where current and previous notices can be viewed and downloaded in PDF format;
 - (ii) by subscribing to the NTMs email distribution service via www.linz.govt.nz.
 - (b) From chart retailers at the major ports of NZ.
4. They are also available for perusal at Maritime New Zealand (MNZ) Offices. A complete list of contact details and site locations for all MNZ Offices can be found via www.maritimenz.govt.nz and on page 259.
5. Mariners are requested to notify LINZ immediately when new or suspected dangers to navigation are discovered or of any shortcomings in charts and publications:

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

Free phone (NZ): 0800 665 463
 or +64 4 460 0110
 Fax: +64 4 460 0161
customersupport@linz.govt.nz

See Hydrographic Note on pages 261–262. This form is available online at www.linz.govt.nz for download in PDF format or it can be completed and submitted via the website.

6. Changes to or defects in aids to navigation should be reported via the nearest coast radio station to:

24-hour emergency Phone (NZ): 0508 472 269
 Phone (INT): +64 4 577 8030
 Fax (NZ): (04) 577 8038
 Fax (INT): +64 4 577 8038
 Email: rccnz@maritimenz.govt.nz
 Inmarsat-C (POR): 451 200 067

International Chart Series

7. The New Zealand Hydrographic Authority publish International Charts at scales of 1:1,500,000, 1:3,500,000 and 1:10,000,000, in the NZ AREA, which provides the mariner with worldwide coverage to a uniform specification. As part of this series NZ has 29 charts covering its adjacent oceans and seas.

This chart series is available for reprinting by member States of the International Hydrographic Organization (IHO), with a minimum of modification. Each chart has an international number with the prefix INT, but may also bear a national number allocated by the producer or printer nation to facilitate identification in the national series.

International charts are maintained by NTMs and IHO Member States have undertaken to repeat notices affecting their international charts. Mariners can therefore correct charts from the NTMs of the producer or printer nation concerned.

Authority: Land Information New Zealand

8. Selected Nautical Publications

<i>Publisher</i>	<i>Title</i>	<i>Obtainable From</i>
Land Information New Zealand (LINZ) www.linz.govt.nz	Charts of New Zealand and Adjacent Waters.	Chart retailers
	New Zealand Tidal Streams Atlas (NZ 206).	Chart retailers
	New Zealand Chart Catalogue (NZ 202).	LINZ website
	New Zealand Nautical Almanac (including Annual NZ Notices to Mariners) (NZ 204).	Chart retailers Selected content available from LINZ website
	New Zealand Notices to Mariners, fortnightly edition (for correcting charts and publications).	LINZ website Maritime New Zealand Maritime Safety Inspectors Chart retailers
UK Hydrographic Office www.ukho.gov.uk	Admiralty Sailing Directions, New Zealand Pilot (NP 51), Edition 18, 2010.	Admiralty Chart agent UKHO website
	The Mariners Handbook (NP100), Edition 9, 2009.	
	How to Keep Your Admiralty Charts Up-To-Date (NP 294), Edition 5, 2010.	
	Symbols And Abbreviations Used on Admiralty Charts. Chart 5011 (INT 1), Edition 5, 2011.	
Maritime New Zealand (MNZ) www.maritimenz.govt.nz	New Zealand's System of Buoys and Beacons. 2008.	Maritime New Zealand
	Safe Boating – an Essential Guide. 2010.	
	RADIO HANDBOOK - Your guide to marine communication. Revised Edition 2011.	
Coastguard Boating Education www.cbes.org.nz	Safety in Small Craft – Revised Edition 2002	Bookshops and some chart retailers
	Rules of the Road at Sea – Revised Edition 2006	

Authority: Land Information New Zealand

Charts And Publications

9. Should you have difficulty in obtaining any charts or publications contact:

Land Information New Zealand (LINZ)	Maritime New Zealand
New Zealand Hydrographic Authority	PO Box 27-006
Lambton House	Wellington 6141,
PO BOX 5501	New Zealand
Wellington 6145	Phone: +64 4 473 0111
New Zealand	Fax: +64 4 494 1263
Free phone (NZ): 0800 665 463	Free phone (NZ): 508 22 55 22
or +64 4 460 0110	Enquiries@maritimenz.govt.nz
Fax: +64 4 460 0161	
customersupport@linz.govt.nz	

NZ Paper Charts

10. LINZ produces official nautical charts to aid safe navigation in NZ waters and certain areas of Antarctica and the South West Pacific. Using charts safely involves keeping them up-to-date using NTMs.

11. Official nautical charts are available for purchase from approved chart retailers. Contact details for all chart retailers are available from www.linz.govt.nz/hydro/charts/where-to-buy-charts/chart-retailers/index.aspx.

NZ Chart Catalogue (NZ 202)

12. The online NZ Chart Catalogue (NZ202) allows the Mariner to search for all NZ charts by region or chart name/number. Each chart page provides a full record of all applicable NTMs. Both the online version and a downloadable PDF Chart Catalogue are available from www.linz.govt.nz/hydro/charts.

NZ Chart Images – TIFF and JPEG images of NZ paper navigational charts**Introduction**

13. LINZ provides electronic images of New Zealand's official paper charts in high resolution TIFF format and low resolution JPEG format.

Note: LINZ raster chart images available from www.linz.govt.nz are not geo-referenced, not to be used for navigation and are not corrected for NTMs.

Availability

14. NZ chart images are available at no cost for users to download from www.linz.govt.nz/hydro/charts/digital-charts/chart-images. They are accessible via the online Chart Catalogue by clicking on the thumbnail image of the relevant chart.

Note: Data viewed or downloaded from the website is not equivalent to or a replacement for the Official Charts, Notices to Mariners, Tide Table, Light List and Nautical Almanac as specified in MNZ Maritime Rules Part 25 Nautical Charts and Publications (pursuant to Section 36 of the Maritime Transport Act 1994).

Acknowledgement Note

15. Where chart data is downloaded, reproduced, derived or copied from LINZ material the following acknowledgement note should be shown on the product and associated media:

Sourced from Land Information New Zealand data. Crown Copyright Reserved.

NZMariner – Official LINZ Raster Navigational Charts (RNCs) of NZ**Introduction**

16. *NZMariner* is the product name of the official Raster Navigational Chart (RNC) folio for NZ. It is a digital coloured facsimile of NZ paper navigational charts and can be used in Electronic Charting Systems (ECS) and approved Electronic Chart Display & Information Systems (ECDIS).

Product Description

17. *NZMariner* consists of two files;

- an annual Chart file which provides mariners access to all charts that have been captured to date, and
- a monthly Update file which provides corrections and additional charts which have been published since the annual Chart file was released.

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Users require an annual Chart file as a minimum and can not use the monthly Update file unless the associated annual Chart file is installed on their ECS/ECDIS.

Availability

18. *NZMariner* is available at no cost for users to download from www.linz.govt.nz/hydro/charts/digital-charts/nzmariner.

Notification of the availability of the monthly Update file is promulgated through the fortnightly New Zealand NTMs.

Format, Compatibility and Encryption

19. *NZMariner* is produced in Hydrographic Chart Raster Format (HCRF) which is also used by the United Kingdom Hydrographic Office Admiralty Raster Chart Service (ARCS) and Australian Hydrographic Services Seafarer RNC. This compatibility allows mariners to utilise additional RNC coverage beyond New Zealand waters.

NZMariner data is encrypted by LINZ to protect the integrity of the data from unofficial modifications. Permits are provided within the files, which the ECS/ECDIS use to decrypt the data and display the chart information.

Navigational Systems

20. *NZMariner* is capable of being used in ECS/ECDIS which support either UKHO ARCS or AHS Seafarer products. *NZMariner* includes permits which allow systems produced by the following organisations to display *NZMariner* data:

- Australia Hydrographic Service (AHS)
- Chersoft Ltd
- Commonwealth of Australia
- Dolphin Maritime Software Ltd
- Euronav Ltd
- L-3 Communications Nautronix Ltd
- Intelliscan Ltd
- Northrop Grumman Sperry Marine
- Offshore Systems Ltd (OSL)
- PC Maritime Ltd
- Sea Information Systems Ltd (SIS)
- Seaplot International Ltd
- SevenCs GmbH
- Thales Australia
- TMQ Electronics
- Ultra Electronics SML Technologies
- Wind Vector Ltd

Coverage

21. LINZ charts currently available in *NZMariner* are listed in the NZ Chart Catalogue (NZ 202), see para. 12.

Legal Status

22. See para. 28 of this notice.

NZ ENC's - Official LINZ Electronic Navigational Charts (ENCs) of NZ Introduction

Mariners are strongly advised to read the latest version of the IHO publication S-66 – Facts about Electronic Charts and Chart Requirements, which can be downloaded from www.iho.org.

23. ENCs are specifically designed for use in ECDIS onboard ships. As the Hydrographic Authority of NZ, LINZ is responsible for creating and maintaining the official set of ENCs for the NZ area of charting responsibility (NZ AREA). The NZ AREA includes the SW Pacific, NZ waters and the Ross Sea region in Antarctica—see Area of New Zealand Charting and Coverage of Notices to Mariners on page 191.

ENC 'README.TXT' File

24. The ENC 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 at www.linz.govt.nz/hydro/charts/digital-charts/encs.

Availability

25. New Zealand ENC cells, prefixed by 'NZ', are available from chart retailers through the International Centre for ENCs (IC-ENC) www.ic-enc.org and PRIMAR global distribution network www.primar.org. For more information see www.linz.govt.nz.

The release of all new LINZ ENCs is promulgated through the fortnightly New Zealand NTMs. ENC updates are issued for Permanent NTMs where appropriate.

For details of the latest Temporary and Preliminary NTMs that affect any given chart, Mariners should consult the current fortnightly NTMs edition. Alternatively, a full list of all Permanent and T & Ps affecting any given chart can be found using the NZ202 Chart Catalogue online database, see para. 12.

Format, Compatibility and Encryption

26. NZ ENCs are official Electronic Charts produced in accordance with the IHO S-57 Edition 3.1 standard in vector
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format and protected using the international data security scheme (S-63). They are authorised for use in International Maritime Organization (IMO) compliant ECDIS and can also be used in compatible ECS.

Coverage

27. LINZ ENC's currently available are listed at www.linz.govt.nz and the IHO website: www.iho.org.

Legal Status – Use of Electronic Charts

28. For compliance with NZ legal requirements for nautical charts and publications please refer to Maritime Rules Part 25, as supported by MNZ Marine Guidance Notice 8 “Use of Electronic Charts, ECDIS and ENC's in NZ” available from www.maritimenz.govt.nz/Commercial/Shipping-safety/Safety-updates/Guidance-notice.asp.

29. When used in an IMO compliant ECDIS, NZ ENC's and NZMariner RNC's will allow vessels navigating in NZ to meet the strict chart carriage requirements of the Safety of Life at Sea Convention (SOLAS) 1974, Chapter V (IMO) and Maritime Rules Part 25 (MNZ).

Reliance on Charts and Associated Publications

30. While every effort is made to ensure the accuracy of the information on NZ 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, the need of safe and prudent navigation, local pilotage guidance and the judicious use of available navigational aids.

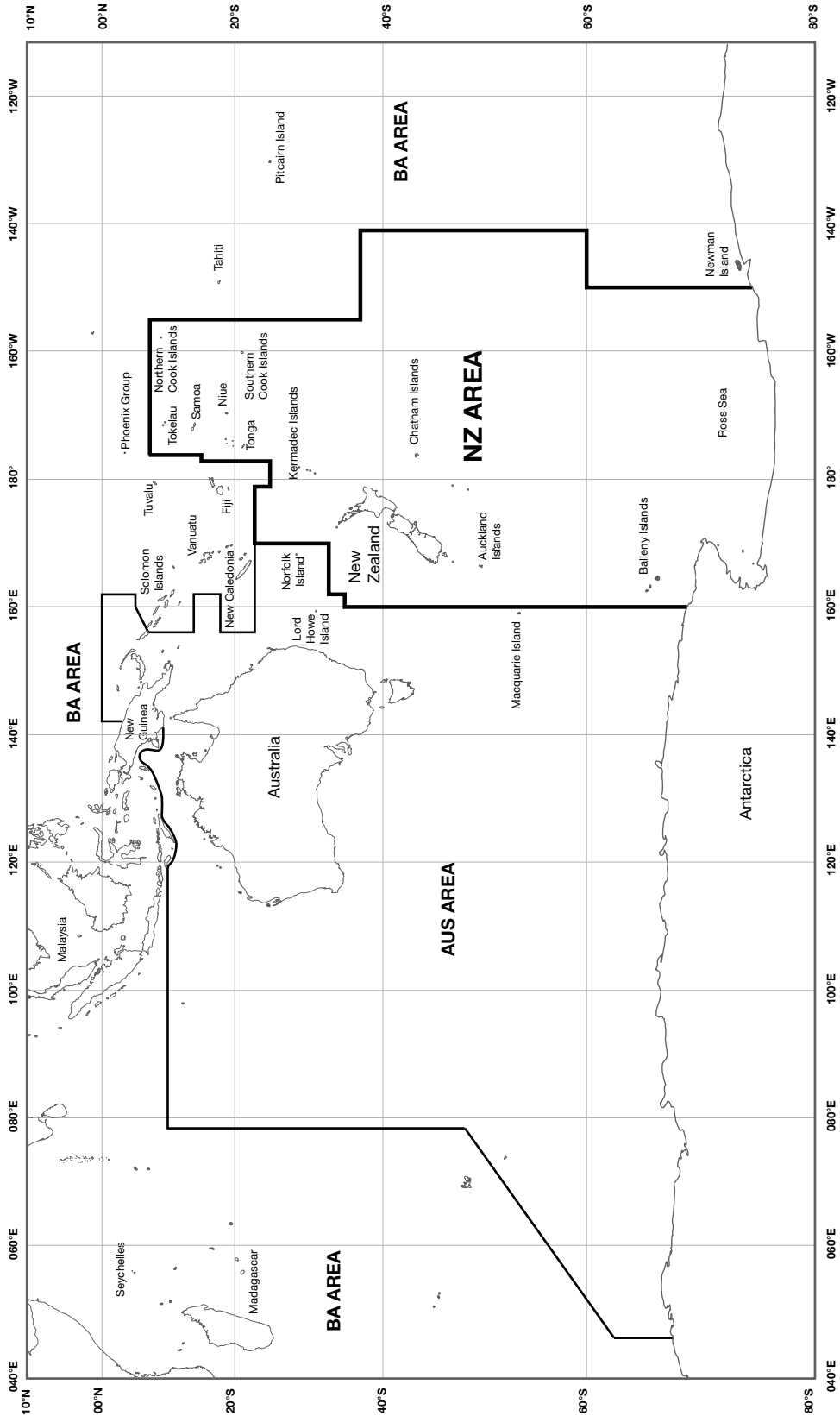
The Use of Charts and Associated Publications

31. 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.

Further Guidance

32. The Admiralty publication, *The Mariner's Handbook (NP 100)* gives a fuller explanation of the limitations of charts. All users should study it in their own interest.

AREAS OF NEW ZEALAND CHARTING AND COVERAGE OF NOTICES TO MARINERS



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