

**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 189.
2. NZ Notices to Mariners (NM), are originated by Land Information New Zealand (LINZ) Hydrographic Services. There are two main types of NM – Annual Notices and Fortnightly Notices;
  - (a) Annual NM 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 NM.
  - (b) Fortnightly NM are numbered from 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 NM section on the LINZ website [www.linz.govt.nz/hydro/ntms/index.aspx](http://www.linz.govt.nz/hydro/ntms/index.aspx)
3. Copies of these Fortnightly NM can be obtained:
  - (a) Electronically from LINZ Hydrographic Services:
    - (i) via [www.linz.govt.nz](http://www.linz.govt.nz) where current and previous notices can be viewed and downloaded in PDF format;
    - (ii) by subscribing to the NM email distribution service via [www.linz.govt.nz](http://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](http://www.maritimenz.govt.nz) and on page 255.
5. Mariners are requested to notify LINZ immediately when new or suspected dangers to navigation are discovered or any shortcomings in charts and publications:

LINZ Hydrographic Services	Free phone (NZ): 0800 665 463
National Office	or +64 4 460 0110
Land Information New Zealand	Fax: +64 4 460 0161
Private Box 5501	<a href="mailto:info@linz.govt.nz">info@linz.govt.nz</a>
Wellington 6145	

See Hydrographic Note on pages 257-258. This form is available online at [www.linz.govt.nz](http://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 the :

Rescue Co-ordination Centre New Zealand (RCCNZ)	24-hour emergency
Avalon TV Studios	Phone (NZ): 0508 472 269
Percy Cameron Street	Phone (INT): +64 4 577 8030
Avalon	Fax (NZ): (04) 577 8038
Lower Hutt 5011	Fax (INT): +64 4 577 8038
	Inmarsat-C (POR): 451 200 067
	<a href="mailto:rccnz@maritimenz.govt.nz">rccnz@maritimenz.govt.nz</a>

**International Chart Series**

7. LINZ Hydrographic Services 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 twenty-nine 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 NM and IHO Member States have undertaken to repeat notices affecting their international charts. Mariners can therefore correct charts from the NM of the producer or printer nation concerned.

## 8. Selected Nautical Publications

<i>Publisher</i>	<i>Title</i>	<i>Obtainable From</i>
<b>Land Information New Zealand (LINZ)</b> <a href="http://www.linz.govt.nz">www.linz.govt.nz</a>	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
<b>UK Hydrographic Office</b> <a href="http://www.ukho.gov.uk">www.ukho.gov.uk</a>	Admiralty Sailing Directions, New Zealand Pilot (NP 51), Edition 17, 2007.	Admiralty Chart agent UKHO website
	The Mariners Handbook (NP100), Edition 8, 2004.	
	How to Keep Your Admiralty Charts Up-To-Date (NP 294), Edition 4, 2007.	
	Symbols And Abbreviations Used on Admiralty Charts. Chart 5011 (INT 1), Edition 4, 2008.	
Maritime New Zealand (MNZ) <a href="http://www.maritimenz.govt.nz">www.maritimenz.govt.nz</a>	New Zealand's System of Buoys and Beacons. 2008.	Maritime New Zealand
	Shipping Routes Around the New Zealand Coast. 2006.	
	Safe Boating – an Essential Guide. 2007.	
	Radio Handbook For Coastal Vessels. 2007.	
Coastguard Boating Education <a href="http://www.cbes.org.nz">www.cbes.org.nz</a>	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:

LINZ Hydrographic Services National Office Land Information New Zealand Private Box 5501 Wellington 6145, New Zealand Free phone (NZ): 0800 665 463 or +64 4 460 0110 Fax: +64 4 460 0161 <a href="mailto:info@linz.govt.nz">info@linz.govt.nz</a>	Maritime New Zealand PO Box 27-006 Wellington 6141, New Zealand Phone: +64 4 473 0111 Fax: +64 4 494 1263 Free phone (NZ): 508 22 55 22 <a href="mailto:Enquiries@maritimenz.govt.nz">Enquiries@maritimenz.govt.nz</a>
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**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 NM.

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](http://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 NM. Both the online version and a downloadable PDF Chart Catalogue are available from [www.linz.govt.nz/hydro/charts](http://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: they are not geo-referenced, not to be used for navigation and are not corrected for NM.

**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](http://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 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 paper 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.

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.

**Availability**

18. NZMariner is available at no cost for users to download from [www.linz.govt.nz/hydro/charts/digital-charts/nzmariner](http://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 NM.

**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:

- Australian Defence Industries Ltd (ADI)
- Australia Hydrographic Service (AHS)
- Chersoft Ltd
- Commonwealth of Australia
- Dolphin Software Ltd.
- Euronav Ltd
- HSA Systems Ltd
- Intelliscan Ltd
- Northrop Grumman Sperry Marine
- Offshore Systems Ltd (OSL)
- PC Maritime Ltd
- Sea Information Systems Ltd (SIS)
- SeaPlot International
- Seven Cs GmbH
- TMQ Electronics
- Ultra SML Technologies Ltd
- Wind Vector Ltd

**Coverage**

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

**Legal Status**

22. Refer *para 28* of this notice.

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

23. ENCs are specifically designed for use in ECDIS onboard ships. As the Hydrographic Office for NZ, LINZ is responsible for creating and maintaining the official set of ENCs for NZ waters.

**README.txt File**

24. 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 at [www.linz.govt.nz/hydro/charts/digital-charts/encs](http://www.linz.govt.nz/hydro/charts/digital-charts/encs).

**Availability**

25. New Zealand ENC cells, prefixed by 'NZ', are available through the International Centre for ENCs (IC-ENC) and PRIMAR global distribution network. For more information see the LINZ website [www.linz.govt.nz](http://www.linz.govt.nz), the IC-ENC website [www.ic-enc.org](http://www.ic-enc.org) or PRIMAR website [www.primar.org](http://www.primar.org).

The release of new LINZ ENCs and updates to existing ENCs is promulgated through the fortnightly New Zealand NM. ENC updates are issued for all Permanent NM.

For details of the latest Temporary and Preliminary NM that affect any given chart, Mariners should consult the current fortnightly NM edition. Alternatively, a full list of all Permanent and T & Ps affecting any given chart can be found using the online chart catalogue, refer *para 12*.

**Format, Compatibility and Encryption**

26. NZ ENCs are official Electronic Charts produced in International Hydrographic Organization (IHO) S57 Edition 3.1 vector format and protected using the IHO S63 data protection standard. They are authorised for use in International Maritime Organization (IMO) compliant ECDIS and can also be used in compatible ECS.

**Coverage**

27. LINZ ENCs currently available are listed at [www.linz.govt.nz](http://www.linz.govt.nz) and the IHO website: [www.iho-ohi.net](http://www.iho-ohi.net).

**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 in NZ” available from [www.maritimenz.govt.nz/Commercial/Shipping-safety/Safety-updates/Guidance-notices.asp](http://www.maritimenz.govt.nz/Commercial/Shipping-safety/Safety-updates/Guidance-notices.asp).

**Coverage**

29. When used in an IMO compliant ECDIS, NZ ENCs and NZ *Mariner* RNCs will allow vessels navigating in NZ to meet the strict electronic chart carriage requirements of *SOLAS Chapter V*.

**The Use of Charts and Associated Publications**  
**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.

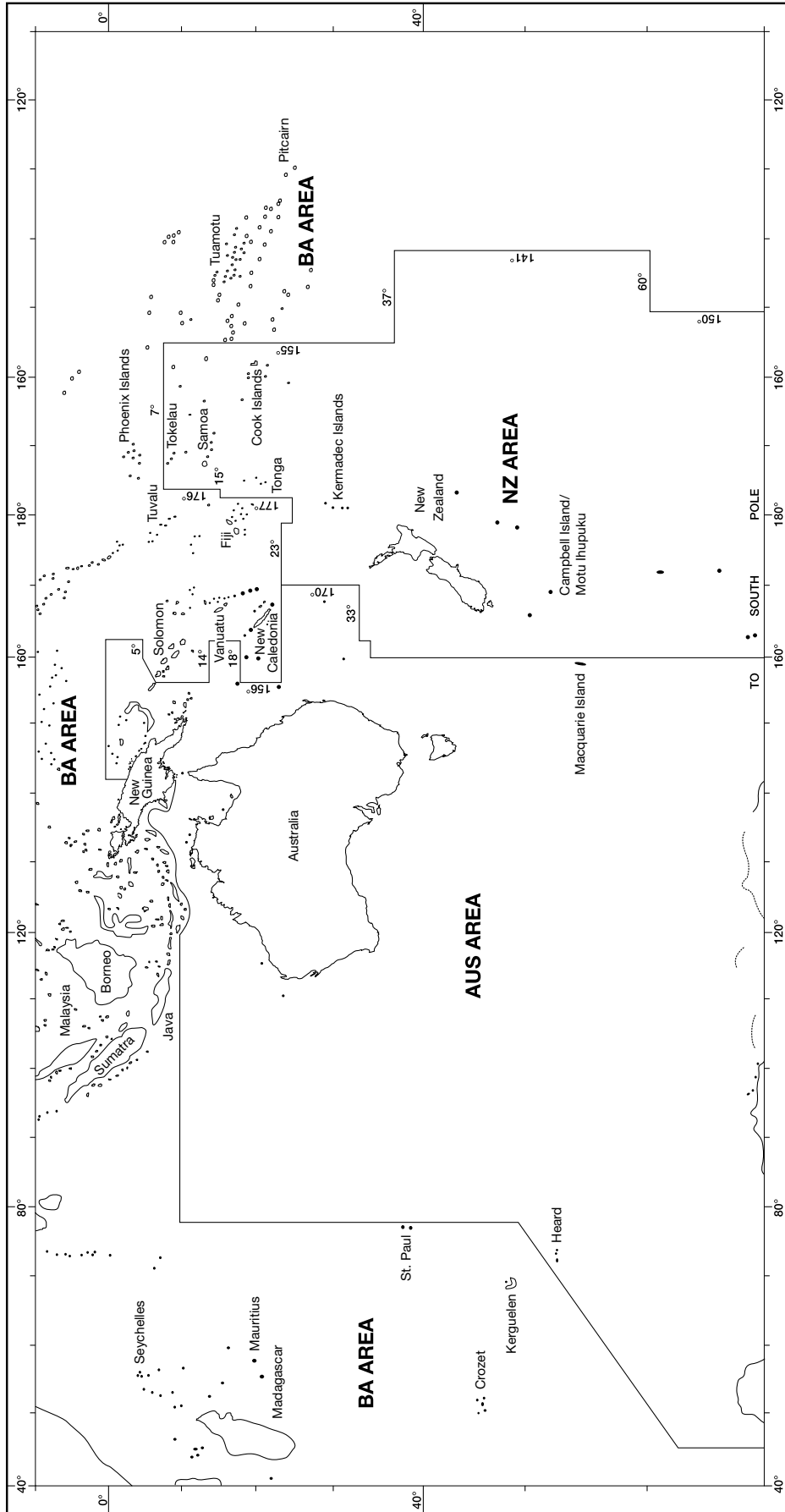
**Charts**

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



Authority: Land Information New Zealand