

Latest issue – July 2008 – Issue 1

## Hydrographic News



### Welcome to the first edition of LINZ Hydrographic News

Our customers and stakeholders have asked to be better informed about LINZ's services and activities – Hydrographic News is one of several ways we hope to meet that need.

We intend to keep you up to date with news and information about LINZ Hydrographic projects and related topics of interest. Please pass it on to anyone who may be interested.

We value your feedback and would appreciate any ideas for future topics and articles along with ideas for how we can improve this newsletter. Simply email your comments and suggestions to [info@linz.govt.nz](mailto:info@linz.govt.nz) (please put Hydrographic newsletter feedback in the subject line).

- [Update Survey programme](#)
- [Charting Programme](#)
- [Major Hydrographic Systems Implementation project underway](#)
- [Electronic Navigation charts on the way in 2008](#)
- [Are you subscribing to NtMs?](#)
- [NZ Mariner - Available on LINZ website](#)

### Hydrographic News

Hydrographic News is the authoritative news and information source for LINZ's hydrographic customers.

To subscribe or unsubscribe at any time, please email [info@linz.govt.nz](mailto:info@linz.govt.nz) and put 'Hydrographic News' in the subject line.

New Zealand Government



## Update on Survey programme

LINZ undertakes Hydrographic surveys to continually improve the data it holds on New Zealand's seabed, including:

- Determining the least depths over any navigational hazards such as rock shoals, wrecks, etc.
- Collecting continuous tide measurements to establish a datum.
- Recording tide levels and streams.
- Determining the positions of Aids to Navigation for the mariner such as lights and beacons.
- Determining the shape and location of the coastline as well as important features on the coast.
- Collecting information within the port areas.

In 2007/2008 Akaroa Harbour, Abel Tasman, Milford Sound, Doubtful & Thompson Sounds and Dusky & Breaksea Sounds were surveyed.

This data is used to create and maintain official charts and publications.

[Back to start](#)



## Update on Charting programme

LINZ continually improves, maintains and prints new charts for New Zealand when new survey data becomes available. Charts are also reprinted regularly to include Notices to Mariners and replenish stocks.

17 nautical charts are scheduled for release this year. For more information, see the [Charting Programme here](#).

[Back to start](#)

## **Major Hydrographic Systems Implementation project underway**

Historically, LINZ's hydrographic data infrastructure has been based on hard copy data and manual processes, making it difficult for LINZ to meet the changing needs of our primary customers.

Today, our customers require this data in an electronic format, and to meet this need we have embarked on a major project called Hydrographic Systems Implementation (HSI), to deliver a new system and core database solution.

The hydrographic services team at LINZ is gearing up to use the new system to capture and translate hydrographic datasets and metadata into a database. In future, data will be maintained at source using the new system, enabling LINZ to produce new hydrographic products, such as ENC's and updates, made available via electronic distribution / web channels.

LINZ and our customers will benefit from improved access, faster updates and easier location of hydrographic information.

[Back to start](#)

## **Electronic Navigation Charts (ENCs) on the way in 2008**

LINZ is currently negotiating an agreement to distribute ENCs via an internationally recognised distribution network. ENCs will be progressively released over the next 12-24 months and be available from NZ chart retailers in the second half of 2008.

The first batch of ENCs to be released will cover Auckland and Cook Strait.

[Back to start](#)



## Are you subscribing to NTMs?

The New Zealand Notices to Mariners (NTMs) are booklets produced fortnightly by LINZ that are the authority for correcting New Zealand nautical charts. These charts are listed in the New Zealand Chart Catalogue (NZ202).

New Zealand NTMs also:

- Detail corrections to be made to authoritative nautical publications such as the NZ Nautical Almanac (NZ204);
- Notify the publication, withdrawal or cancellation of New Zealand nautical charts and publications;
- Notify changes to the NZMariner (LINZ Raster Navigation Chart folio);
- Notify the publication, release or withdrawal of British Admiralty nautical publications covering the New Zealand area of charting responsibility, such as the New Zealand Pilot (NP51).

## Subscribe now

NZ NTMs are produced fortnightly and are available on the LINZ website in PDF format. You can also receive NZ Notices to Mariners via email - [this link will take you to the sign-up page to receive Notices to Mariners via email](#).

Copies of these Notices can be obtained from chart retailers at the major ports of New Zealand. Maritime New Zealand Offices also hold copies for viewing. For a full list of these offices please refer to [Annual New Zealand Notices to Mariners \(ANTM\) - Notice 1 \(PDF 31.3KB\)](#).

[Back to Start](#)

## **NZ Mariner – Available on LINZ website from 1 July 2008**

NZ Mariner is the official LINZ Raster Navigation Chart folio and may be used by the professional mariner to fulfil carriage requirements for marine navigation.

Raster Navigational Charts (RNCs) are raster copies (scanned images) of the New Zealand paper charts and can only be used on compatible viewing software, either an Electronic Charting System (ECS) or an Electronic Chart Display & Information System (ECDIS).

NZ Mariner will be distributed via the LINZ website from the 1st of July 2008 as a no-cost download and consist of 2 encrypted files; 1 annual file and 1 monthly update file. NZ Mariner can be found at [www.linz.govt.nz/hydro/nzmariner](http://www.linz.govt.nz/hydro/nzmariner).

These files provide mariners with up to date charts including all Notices to Mariners, new charts and new editions as they are produced

Full details on NZ Mariner, compatible software and chart coverage can be found in [Annual New Zealand Notices to Mariners \(ANTM\) - Notice 1](#) (PDF 31.3KB).

[Back to Start](#)