

# Water turbulence points (Hydro, 1:22k - 1:90k)

## Metadata

### File Identifier

57798dfb-1e8a-ca92-2aba-ee49c0a27aa1

### Language

eng

### Character Set

#### Character Set Code

utf8

### Hierarchy Level

#### Scope Code

dataset

### Hierarchy Level Name

dataset

## Contact

### Responsible Party

#### Individual Name

omit

#### Organisation Name

LINZ - Land Information New Zealand

#### Position Name

National Hydrographer

### Contact Info

#### Contact

##### Phone

##### Telephone

##### Voice

+64 4 4600110

##### Address

##### Address

##### Delivery Point

155 The Terrace

##### City

Wellington

##### Postal Code

6011

**Country**

New Zealand

**Electronic Mail Address**

customersupport@linz.govt.nz

**Role****Role Code**

resourceProvider

**Date Stamp****Date**

2019-06-06

**Metadata Standard Name**

ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information - Metadata

**Metadata Standard Version**

1.1

**Identification Info****Data Identification****Citation****Citation****Title**

Water turbulence points (Hydro, 1:22k - 1:90k)

**Date****Abstract**

The disturbance of water caused by the interaction of any combination of waves, currents, tidal streams, wind, shoal patches and obstructions. S-57 Object Class: Water turbulence S-57 Acronym: WATTUR This data was compiled for the use in the scale range 1:22,000 to 1:90,000. THIS DATA DOES NOT REPLACE NAUTICAL CHARTS AND MUST NOT BE USED FOR NAVIGATION. This data is based on the S-57 data format used in Electronic Navigational Charts (ENCs) published and maintained by the New Zealand Hydrographic Authority at Land Information New Zealand (LINZ). Refer to the following link for information about S-57 data: <http://www.linz.govt.nz/hydro/regulation/>

**Purpose**

The hydrographic data available through the LINZ Data Service is based on official Electronic Navigational Charts (ENCs) published by the New Zealand Hydrographic Authority. It should be noted that due to the translation process, some characteristics of the S-57 data may not convert correctly to formats downloaded from this site. This data: does not replace official ENCs; should not be used for navigation; are not corrected for Notices to Mariners. For navigation, mariners should use official New Zealand ENCs as available from chart retailers.

**Status**

Progress Code

onGoing

Point Of Contact

Responsible Party

Individual Name

Omit

Organisation Name

LINZ - Land Information New Zealand

Position Name

Nautical Cartographer

Contact Info

Contact

Phone

Telephone

Voice

0800 665 463 or +64 4 460 0110

Facsimile

+64 4 472 2244

Address

Address

Delivery Point

155 The Terrace

City

Wellington

Postal Code

6011

Country

New Zealand

Electronic Mail Address

customersupport@linz.govt.nz

Role

Role Code

pointOfContact

Resource Maintenance

Maintenance Information

Maintenance And Update Frequency

Maintenance Frequency Code

biannually

## Resource Format

### Format

#### Name

\*.xml

#### Version

Unknown

## Descriptive Keywords

### Keywords

#### Keyword

New Zealand

#### Type

##### Keyword Type Code

theme

### Thesaurus Name

#### Citation

##### Title

ANZLIC Jurisdictions

##### Date

##### Edition

Version 2.1

##### Edition Date

###### Date

2008-10-29

##### Identifier

###### Identifier

###### Code

<http://asdd.ga.gov.au/asdd/profileinfo/anzlic-jurisdic.xml#anzlic-jurisdic>

##### Cited Responsible Party

###### Responsible Party

###### Organisation Name

ANZLIC the Spatial Information Council

###### Role

###### Role Code

custodian

## Resource Constraints

### Security Constraints

#### Classification

##### Classification Code

unclassified

## Resource Constraints

### Legal Constraints

#### Use Limitation

Crown copyright reserved

#### Use Constraints

##### Restriction Code

copyright

## Resource Constraints

### Legal Constraints

#### Use Limitation

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#### Use Constraints

##### Restriction Code

license

## Spatial Representation Type Code

vector

## Language

eng

## Character Set

### Character Set Code

utf8

## Topic Category Code

oceans

## Topic Category Code

transportation

## Extent

EX \_ Extent

Geographic Element

EX \_ Geographic Bounding Box

165.9106584-174.1501928-71.9588232-18.7599157

## Distribution Info

Distribution

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://data.linz.govt.nz/layer/50630-water-turbulence-points-hydro-122k-190k/>

## Data Quality Info

DQ \_ Data Quality

Scope

DQ \_ Scope

Level

Scope Code

dataset

Level Description

Scope Description

Other

dataset

Lineage

LI \_ Lineage

Statement

The hydrographic data available through the LINZ Data Service is based on official Electronic Navigational Charts (ENCs) published by the New Zealand Hydrographic Authority. Prior to loading onto this service, the S-57 data from these ENCs is converted to shapefile format. The following Navigational Purposes and scale-ranges are represented: 1. Overview, 1:1.5mil and smaller 2. General, 1:350k - 1:1,500k 3. Coastal, 1:90k - 1:350k 4. Approach, 1:22k - 1:90k 5. Harbour, 1:4k - 1:22k

## Metadata Constraints

Security Constraints

Classification

Classification Code

unclassified

## Metadata Constraints

Legal Constraints

Use Limitation

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Use Constraints

Restriction Code

copyright

Metadata Constraints

Legal Constraints

Use Limitation

Released under Creative Commons Attribution 4.0 International

Use Constraints

Restriction Code

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