

# Water turbulence polyline (Hydro, 1:90k - 1:350k)

## Metadata

### File Identifier

eb62d9fc-ed5f-d7da-7e73-33061050e0f2

### 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**

2019-12-12

**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 polyline (Hydro, 1:90k - 1:350k)

**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 1:90,000 to 1:350,000. 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

Released under Creative Commons Attribution 4.0 International with: Following Disclaimers: 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. Following Attribution: If you publish, distribute or otherwise disseminate this work to the public without adapting it, the following attribution to Land Information New Zealand should be used: 'CC BY 4.0 Land Information New Zealand' If you adapt this work in any way or include it in a collection, and publish, distribute or otherwise disseminate that adaptation or collection to the public, the following attribution to Land Information New Zealand should be used: 'Contains data sourced from the LINZ Data Service and licensed for reuse under CC BY 4.0.' If "attribution stacking" problems exist then the requirement to display the above attribution statements is waived and in lieu the attribution statement is to be made in any terms or conditions associated with the work/ product/ application/ etc.

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

167.2324606174.8346602-46.5871144-34.4393922

Distribution Info

Distribution

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://data.linz.govt.nz/layer/50514-water-turbulence-polyline-hydro-190k-1350k/>

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

Crown copyright reserved

Use Constraints

Restriction Code

copyright

Metadata Constraints

Legal Constraints

Use Limitation

Released under Creative Commons Attribution 4.0 International

Use Constraints

Restriction Code

license