

# Water turbulence polyline (Hydro, 1:4k - 1:22k)

## Metadata

### File Identifier

d7a4cf8c-3a2d-aef5-2c21-eb3e299a948e

### 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

2020-06-16

## Metadata Standard Name

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

## Metadata Standard Version

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

Water turbulence polyline (Hydro, 1:4k - 1:22k)

**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 1:4,000 to 1:22,000. 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  
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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

170.6932637-172.020915-45.7566745-13.8051698

## Distribution Info

### Distribution

#### Transfer Options

#### Digital Transfer Options

##### On Line

#### Online Resource

##### Linkage

##### URL

<https://data.linz.govt.nz/layer/50759-water-turbulence-polyline-hydro-14k-122k/>

## 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 ENC's 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

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