

# Antarctic Geodetic Vertical Marks

## Metadata

### File Identifier

39f0ce7a-a45b-b0dc-3897-5791d05f5287

### 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

### Contact Info

#### Contact

##### Phone

###### Telephone

###### Voice

04 4600110

##### Address

###### Address

###### Delivery Point

155 The Terrace

###### City

Wellington

###### Postal Code

6011

###### Country

New Zealand

**Electronic Mail Address**

info@linz.govt.nz

**Role****Role Code**

resourceProvider

**Date Stamp****Date**

2012-01-28

**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

**Reference System Info****Reference System****Reference System Identifier****Identifier****Code**

urn:ogc:def:crs:EPSG::4764

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

Antarctic Geodetic Vertical Marks

**Date****Abstract**

This dataset provides information about the position, height, height datum, height accuracy, mark name, mark type, condition and unique four letter identifier for geodetic marks that have an authoritative height in terms of a vertical datum. Heights are in datums defined at <http://www.linz.govt.nz/geodetic/datums-projections-heights/vertical-datums/>. All marks will have positions in terms of New Zealand's official geodetic datum for Antarctica, Ross Sea Region Geodetic Datum 2000 (RSRGD2000). The horizontal positions of marks are provided for approximate location purposes only. This dataset only includes marks that are within the Antarctic region. The height data for these marks have been generated primarily using precise vertical angle and slope distance measurements from datum tide gauges. Some have been generated from levelling data. The source data is from Land Information New Zealand's (LINZ) Landonline system where it is used by Land Surveyors. This dataset is updated daily to reflect changes made in the Landonline. Accuracy ===== The accuracy of normal-orthometric heights are described by height orders. For more information see <http://www.linz.govt.nz/geodetic/datums->

projections-heights/heights/height-orders/. Note the accuracy applies at the time the mark was last surveyed - see the geodetic database for historical information about height coordinates.

## Purpose

This simplified geodetic vertical mark dataset has been created for easy viewing and downloading for the LDS. It only contains marks which have authoritative heights in terms of a vertical datum. If horizontal or 3D mark positions are required please use the Geodetic Antarctic Mark Data (Simple) dataset. More detailed data such as site photos or coordinate system position data is required please use the full geodetic datasets or directly refer to the web geodetic database at <http://www.linz.govt.nz/gdb>.

## Status

### Progress Code

onGoing

## Point Of Contact

### Responsible Party

#### Individual Name

Omit

#### Organisation Name

LINZ - Land Information New Zealand

#### Position Name

Chief Geodesist - National Geodetic Office

### Contact Info

#### Contact

##### Phone

##### Telephone

##### Voice

+64 4 460 0110

##### Address

##### Address

##### Delivery Point

155 The Terrace

##### City

Wellington

##### Postal Code

6011

##### Country

New Zealand

##### Electronic Mail Address

info@linz.govt.nz

Role

Role Code

pointOfContact

## Resource Maintenance

Maintenance Information

Maintenance And Update Frequency

Maintenance Frequency Code

weekly

## 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

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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

geoscientificInformation

## Extent

EX \_ Extent

Geographic Element

EX \_ Geographic Bounding Box

159.366820556171.167703806-78.232319588-71.8917349722

## Distribution Info

Distribution

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://data.linz.govt.nz/layer/50788-antarctic-geodetic-vertical-marks/>

## Data Quality Info

DQ \_ Data Quality

Scope

DQ \_ Scope

Level

Scope Code

dataset

Level Description

Scope Description

Other

dataset

Lineage

LI \_ Lineage

Statement

The original data comes from a geodetic database which was managed by LINZ and its predecessors. This database contained a summary of the mark, coordinate and site information derived from survey observations and field sheets. The database was migrated into Landonline in 2000.

## Metadata Constraints

Security Constraints

Classification

Classification Code

unclassified

## Metadata Constraints

Legal Constraints

Use Limitation

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Use Constraints

Restriction Code

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Metadata Constraints

Legal Constraints

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Restriction Code

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