

Gisborne 0.4m Rural Aerial Photos (2012-2013)

Metadata

File Identifier

| 008e2c20-b332-cfc0-1046-9b41f4789be0

Language

| eng

Character Set

Character Set Code

| utf8

Hierarchy Level

Scope Code

| dataset

Hierarchy Level Name

| dataset

Contact

Responsible Party

Organisation Name

| LINZ - Land Information New Zealand

Position Name

| National Imagery Manager

Contact Info

Contact

Phone

Telephone

Voice

| 04 4600110

Address

Address

Delivery Point

| 155 The Terrace

City

| Wellington

Postal Code

| 6145

Country

| New Zealand

Electronic Mail Address

info@linz.govt.nz

Role**Role Code**

pointOfContact

Date Stamp**Date**

2014-03-21

Metadata Standard NameANZLIC 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**

2193

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

Gisborne 0.4m Rural Aerial Photos (2012 - 2013)

Date**Abstract**

Orthophotography for the Gisborne District Council taken during 2012 and 2013. Coverage encompassed the entire Gisborne District Council area. Imagery was captured for the 'Boplass Ltd and Gisborne District Council' by NZ Aerial Mapping Ltd, 208 Warren Street, PO Box 6, Hastings 4156, New Zealand. The supplied imagery is in terms of New Zealand Transverse Mercator (NZTM) map projection. The products are tiled into NZTopo50 1:5,000 tiles. Please refer to the supplied tile layout shape file for specific details, naming conventions, etc. Imagery supplied as 40cm pixel resolution (0.4m GSD), 3-band (RGB) uncompressed GeoTIFF. The final spatial accuracy is +/-2.0m (@ 90% confidence). Index tiles for this dataset are available as layer [Gisborne 0.4m Rural Aerial Photos Index Tiles (2012-2013)] (<http://data.linz.govt.nz/layer/1749>).

Status**Progress Code**

completed

Point Of Contact

Responsible Party

Organisation Name

LINZ - Land Information New Zealand

Position Name

National Imagery Manager

Contact Info

Contact

Phone

Telephone

Voice

04 4600110

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Electronic Mail Address

info@linz.govt.nz

Role

Role Code

pointOfContact

Resource Format

Format

Name

*.xml

Version

Unknown

Resource Constraints

Security Constraints

Classification

Classification Code

unclassified

Resource Constraints

Legal Constraints

Use Limitation

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Access Constraints

Restriction Code

copyright

Resource Constraints

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Use Limitation

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Use Constraints

Restriction Code

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Resource Constraints

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Use Constraints

Restriction Code

license

Spatial Representation Type Code

grid

Representative Fraction

Denominator

Integer

5000

Language

eng

Character Set

Character Set Code

utf8

Topic Category Code

imageryBaseMapsEarthCover

Extent

EX _ Extent

Geographic Element

EX _ Geographic Bounding Box

177.104280378178.554237741-38.9654417048-37.5174346457

Distribution Info

Distribution

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://data.linz.govt.nz/layer/51722-gisborne-04m-rural-aerial-photos-2012-2013/>

Data Quality Info

DQ _ Data Quality

Scope

DQ _ Scope

Level

Scope Code

dataset

Level Description

Scope Description

Other

dataset

Lineage

LI _ Lineage

Statement

Data Acquisition: The Aerial Photography over this area was acquired using the UCXp and UXC camera systems on the following dates: 05 Jan 2012 06 Jan 2012 21 Jan 2012 29 Jan 2012 26 March 2012 16 April 2012 12 Oct 2012 20 Oct 2012 24 Oct 2012 25 Oct 2012 09 Jan 2013 The data was collected flying 5646 and 6670 metres above lowest ground. These settings were selected to create a dataset with 0.4mGSD. NZAM used a number of LINZ geodetic marks, Geosystems iBASE and NZAM geodetic marks for the collection of GPS basestation data during the aerial data acquisition. Detail of these will be provided in the final project report. Independent of the aerial survey work Opus International Consultants Limited surveyed a series of ground control points for use in the Aerial Triangulation of the raw images, and for QA of the final orthophotos. Data Processing: The sensor positioning and orientation (POS) was determined using the acquired GPS/IMU datasets and Applanix POSPac software. This work was all undertaken in NZGD2000

geodetic reference system using the data collected at the LINZ geodetic reference marks for the differential processing. The POS data was combined with the ground control in Aerial Triangulation (AT) to geo-reference the raw photography in NZTM map projection. This process was undertaken using Microsoft's UltraMap AT and Leica's ORIMA software. AT data, raw images and processed LiDAR DTM data were supplied to the orthophoto production team for Orthophoto Generation. All subsequent data processing steps were undertaken using Inpho's OrthoVista, PCI and Socet Set processing software. The final orthophotos were checked for completeness of project coverage, general appearance and accuracy. The positional accuracy of the data has been checked by overlaying the Opus field surveyed features on the dataset. The data was found to fit well in position. The project specified positional accuracy of +/-2.0m (90% confidence) has been met.

Metadata Constraints

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