Bay of Plenty 0.25m Rural Aerial Photos (2011-2012)

- Metadata
  - File Identifier
    - 750d7703-6c60-abb3-b4b7-bfeb71529c89
  - 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 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
2193

Identification Info
Data Identification
Citation
Citation
Title
Bay of Plenty 0.25m Rural Aerial Photos (2011 - 2012)

Date

Abstract
Orthophotography for BOPLASS ltd taken during 2011 and 2012. Coverage encompassed the wider Bay of Plenty. 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 1:2,000 tiles. Please refer to the supplied tile layout shape file for specific details, naming conventions, etc. Imagery supplied as 25cm pixel resolution (0.25m GSD), 3-band (RGB) uncompressed GeoTIFF. The final spatial accuracy is +/-0.5m (@ 90% confidence). Index tiles for this dataset are available as layer [Bay of Plenty 0.25m Rural Aerial Photos Index Tiles (2011-2012)](http://data.linz.govt.nz/layer/1758).

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
      - 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

Resource Format
- Format
  - Name
    - *.xml
  - Version
    - Unknown

Resource Constraints
- Security Constraints
  - Classification
    - Classification Code
      - unclassified

Resource Constraints
- Legal Constraints

Use Limitation

Released under Creative Commons Attribution 4.0 International Creative Commons Attribution 4.0 International Link: http://data.linz.govt.nz/license/attribution-4-0-international/ Attribution Required for Copies: "Copyright in this work is owned by BOPLASS Limited" Attribution Required for Derivative works "Copyright in the underlying dataset from which this work has been derived is owned by BOPLASS Limited. ”

Access Constraints

Restriction Code

copyright

Resource Constraints

Legal Constraints

Use Limitation

Released under Creative Commons Attribution 4.0 International Creative Commons Attribution 4.0 International Link: http://data.linz.govt.nz/license/attribution-4-0-international/ Attribution Required for Copies: "Copyright in this work is owned by BOPLASS Limited" Attribution Required for Derivative works "Copyright in the underlying dataset from which this work has been derived is owned by BOPLASS Limited. ”

Use Constraints

Restriction Code

copyright

Resource Constraints

Legal Constraints

Use Limitation

Released under Creative Commons Attribution 4.0 International.

Use Constraints

Restriction Code

license

Spatial Representation Type Code

grid

Representative Fraction

Denominator

Integer

2000

Language

eng

Character Set

Character Set Code

utf8

Topic Category Code

- imageryBaseMapsEarthCover
- Extent
  - EX _ Extent
    - Geographic Element
      - EX _ Geographic Bounding Box
        - 175.852392613177.43364977-38.5825461686-37.3607788876

Distribution Info
- Distribution
  - Transfer Options
    - Digital Transfer Options
      - On Line
        - Online Resource
          - Linkage
            - URL
              - https://data.linz.govt.nz/layer/51760-bay-of-plenty-025m-rural-aerial-photos-2011-2012/

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 was acquired using both UCX and UCXp camera systems on the following dates: UCX 8-11 March 2011 19 March 2011 28-29 March 2011 8-9 April 2011 18-19 April 2011 UCXp 29 Mar 2011 01 Apri 2011 8-9 April 2011 27 Nov 2011 24-25 Jan 2012 The data was collected flying between 3472 and 4182 metres above lowest ground. These settings were selected to create a dataset with 0.25m gsd. 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 detailed results will be provided in the final project report, the testing supports that the project specified positional accuracy of +/-0.5m (90% confidence) has been met.

Metadata Constraints
Legal Constraints
Use Limitation

Use Constraints
Restriction Code
copyright

Metadata Constraints
Legal Constraints
Use Limitation

Use Constraints
Restriction Code
license