

4001, MT OSTLER

Project	2018 CSI GPS
Created	2018-01-09 15:51:23 NZDT by Neville Palmer
Updated	2018-02-15 22:56:25 NZDT by Neville Palmer
Location	-44.24288292, 170.0512167
Status	 Retrieved
Geodetic Code	4001
Station Name	MT OSTLER
Station Height (m)	600.282
Station Height (ft)	1969

Mark, Site & Photo Details

Mark & Protection Details

Mark Physical State	Reliable / Found
Mark Description	This mark is used for deformation monitoring, do not alter the ground mark in any way. 25mm stainless steel forced centering thread set in concrete pillar 1.39m above ground level. Previously - 27 Apr 1999: Bronze pin in conc pillar 1.45m above GL.

Plates & Plaques

ID Plaque (bronze)	ID Plaque Exists
ID Plate (aluminium)	ID Plate Exists
Information Plate (aluminium)	Info Plate does Not Exist and was Not Installed

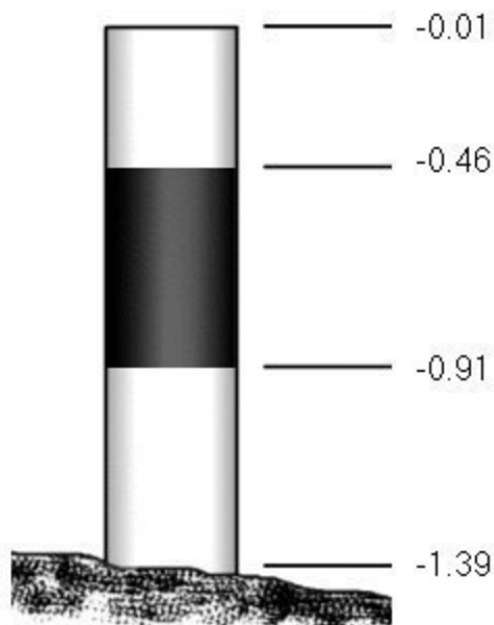
Protection

Primary Protection	No Protection
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Beacon Details

Beacon Type	Pillar
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Existing Beacon Diagram (read only).



Beacon Eccentricity

Previously Recorded Eccentricity	Central
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Height Details (all in metres)

Mark Ground Level Relationship in metres (+ve below GL / -ve above GL)	-1.39
Top of Vane or Black Strip	-0.455
Bottom of Vane or Black Strip	-0.905

Maintenance Completed and Required

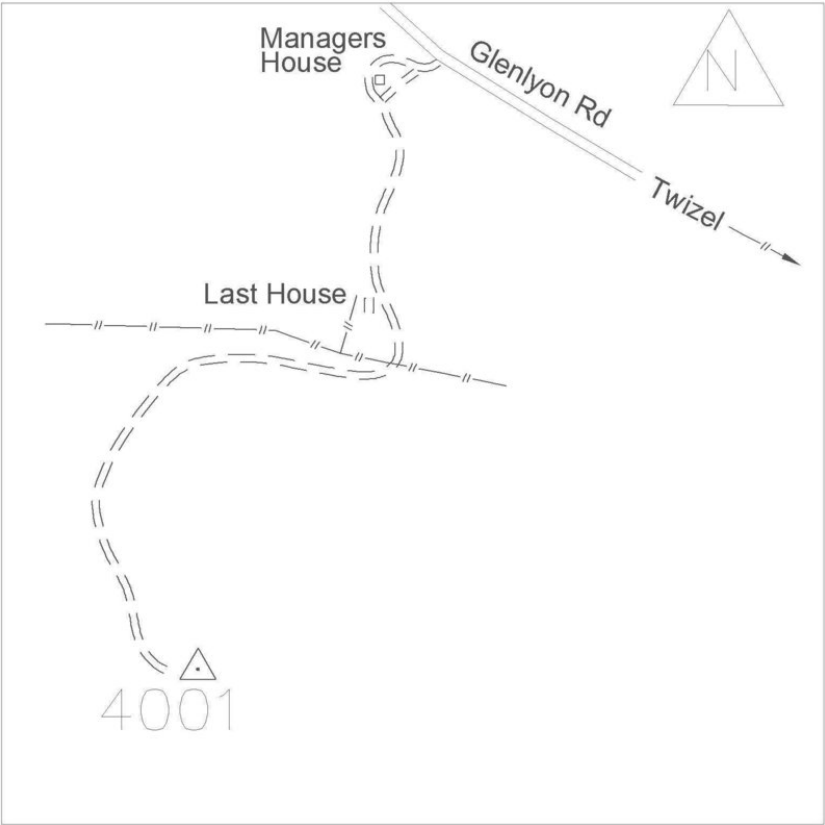
Mark Maintenance Completed	No
Beacon Maintenance Completed	No
Protection Maintenance Completed	No
Mark Maintenance Required	No
Beacon Maintenance Required	No
Protection Maintenance Required	No

Verification

Have all mark and protection fields above been updated or verified to be correct?	Yes
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Site & Access Details

Diagram



Access and Location Description

Mark is located in Ben-Ohau Station, and is accessed through Ben Ohau Station from Glen Lyon Road. From the entrance to Ben Ohau Station, near Twin Lakes (0.0 km), drive along gravel then dirt driveway past sheds to a cottage (0.8 km). Turn L for 50 m then turn R and trend diagonally L across paddock to gate in centre of fence line (1.1 km). Go through gate then turn sharp R and follow fence line to base of hill (1.3 km). Follow grass track that initially trends slightly R up through saddle then trends L around the back of Mt Ostler. At 1.8 km take L fork up shallow valley. There are two steep sections at 2.3-2.4 km and 2.6-2.7 km. After the second steep section keep going straight to reach pillar at 2.9 km.

Additional access notes (GNS use only)	See locus map track
Access vehicle	4WD
GNSS Suitability	Good

Cell Phone Network Coverage

2 Degrees	Strong signal
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Verification

Have all site & access fields above been updated or verified to be correct? Yes

Photographs

Existing Photo or Site Image

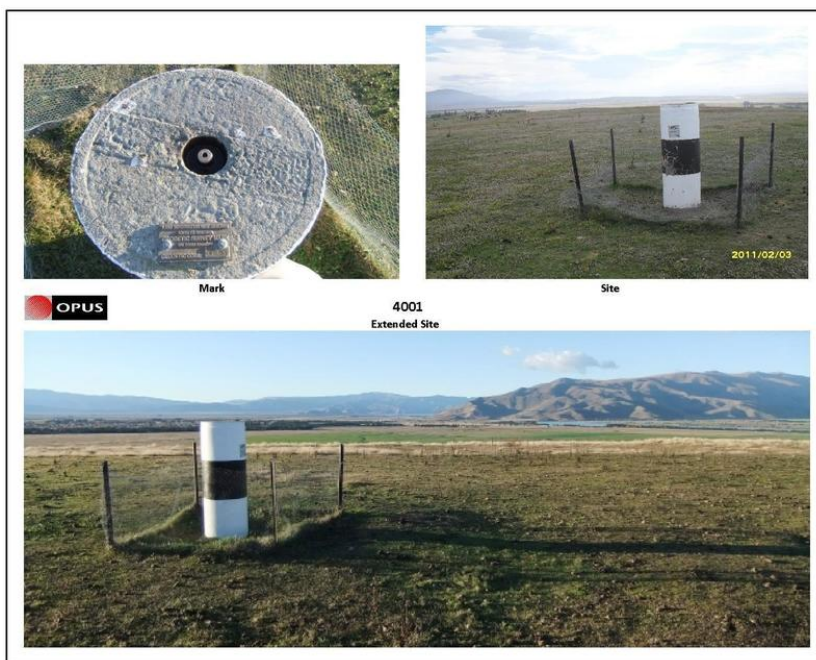


Photo of Survey Mark



Photo of Immediate Site



Photo of Extended Site



Verification

Is there at least one photo taken for each field above?

Yes

Have any mark, site or photo details been updated or verified?

Yes - All details have been fully updated or verified.

Updated by:

Chris Pearson

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact

Simon Cameron

Phone

03 435 0791

Address	(Ben Ohau Station) Glen Lyon Road
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Contact Comments

Access permission restrictions (to report in LINZ GDB)	Contact Owner Prior to Entry.
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Owner

Is the owner known?	Yes
First Name	Simon & Priscilla
Last Name	Cameron
Address	Glen Lyon Road, Ben Ohau,
Phone	03 435 0791

Site Contact

Is the site contact person known?	Same as owner
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Access Contact

Is the access contact person known?	Same as site contact
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Verification

Have all owner & contact fields above been updated or verified to be correct?	Yes
Have any owner or contact details been updated or verified?	Yes - All details have been fully updated or verified.
Updated by:	Chris Pearson

Occupations

4001, 2018-01-30, 12:34, GNS48, 5451R50047, NetR9, Trimble

Geodetic Code	4001
Station Name	MT OSTLER

Deployment

Observer(s)	Chris Pearson, Isaac Brennan
GNSS Receiver	GNS48, 5451R50047, NetR9, Trimble
GNSS Antenna	GNS48, 1312118477, Zephyr Geodetic 2, Trimble
Antenna radome used?	NONE

Plumbing

Antenna Mount or Monument	Forced Centered
Set-up using a rotating optical plummet?	Yes
Bubble Centred?	Yes
Cross-hair on target?	Not Checked
Explain why cross-hair is not on target.	For Force centred
Plummet Check OK?	Yes

Antenna Alignment

Magnetic Declination (+ve east / -ve west)	22
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Compass should read (magnetic bearing)	338
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Antenna (Vertical)
1st Height	0.098
Check Height Units	Decimal Inches
Check Height	3.8
Check Height Converted to Metres	0.0965

Start Time

Occupation Start Date (local)	2018-01-30
Occupation Start Time (local)	12:34
Occupation Start UTC	Mon, 29 Jan 2018 23:34:00 GMT
Year and DoY (UTC)	2018-029

Battery Details

Number of batteries deployed	One
ID of Battery 1	13/a
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	13.13

This site is being deployed with multiple batteries. Please comment with all relevant details of the batteries deployed.

Retrieval

Observer(s)	Chris Pearson, Isaac Brennan
Was receiver logging on arrival?	Yes

Battery Details

No batteries were recorded at deployment.

More than two batteries were recorded as deployed at this occupation. Comment below as necessary.

ID of Battery 1	13/a
Voltage of Battery 1 at Deployment	13.13
Voltage of Battery 1 at Retrieval	11.24

End Time

Occupation End Date (local)	2018-02-03
Occupation End Time (local)	09:37
Occupation End UTC	Fri, 02 Feb 2018 20:37:00 GMT
Year and DoY (UTC)	2018-033

Antenna Alignment

Magnetic Declination (+ve east / -ve west)	22
Compass should read (magnetic bearing)	338
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Antenna (Vertical)
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1st Height	0.1
Check Height Units	Decimal Inches
Check Height	4
Check Height Converted to Metres	0.1016
Average Height recorded at Deployment	0.098

Plumbing

Bubble Centred?	Yes
Cross-hair on target?	Not Checked
Explain why cross-hair is not on target.	Forced centered using adaptor
Plummet Check OK?	Yes

G.s3, 00470300.T02, 00470330.T02

Current Station	4001 - MT OSTLER
Station Occupation times (UTC)	Start: 23:34 DoY 029 UTC End: 20:37 DoY 033 UTC
ID of Download Device	G.s3
Download Date	2018-02-03
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	00470300.T02
Latest File Name Downloaded	00470330.T02
Total number of files downloaded.	4

Summary of Downloaded Files

Earliest Filenames Downloaded	00470300.T02
Latest Filenames Downloaded	00470330.T02
Numbers of files Downloaded	4

For each block of downloaded files there will be an earliest and latest file downloaded, plus the total number of files downloaded. Typically there will only be one download block per occupation. Occasionally a receiver will be downloaded several times during an occupation (eg during an extended semi-cGPS occupation). In this instance there will be multiple earliest, latest, and number of files downloaded. These are summarised in the comma delimited lists above.