

B2NL, GL Mt Bird

Project	2018 CSI GPS
Created	2018-01-09 15:51:42 NZDT by Neville Palmer
Updated	2018-03-30 14:59:26 NZDT by GeodeticOne Tectonophysics
Location	-43.22669476, 170.3404715
Status	■ Retrieved
Geodetic Code	B2NL
Station Name	GL Mt Bird
Station Height (m)	358.3065
Station Height (ft)	1176

Mark, Site & Photo Details

Mark & Protection Details

Mark Type	Stainless Steel Pin
Mark Physical State	Reliable / Found
Mark Description	This mark is used for deformation monitoring, do not alter the ground mark in any way. 2" pipe with SS pin concreted in.

Plates & Plaques

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

Protection

Primary Protection	Post and Rail Enclosure
Secondary Protection	No Protection

Beacon Details

Beacon Type	Not Beacons
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Height Details (all in metres)

Mark Ground Level Relationship in metres (+ve below GL / -ve above GL)	-0.25
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Maintenance Completed and Required

Mark Maintenance Completed	No
Beacon Maintenance Completed	Yes
Description	Top of the beacon removed
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

Access and Location Description	On edge of bluff to the west of the Whataroa River on high point on the bluff. Only clearing in the bush. Heli pad getting overgrown 20m to east of trig.
Access vehicle	Heli
GNSS Suitability	Poor

Cell Phone Network Coverage

Spark	Weak but reliable signal
Vodafone	Weak but reliable signal
2 Degrees	Network signal not tested

Verification

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

Photographs

Photo of Survey Mark



Photo of Immediate Site





Verification

Is there at least one photo taken for each field above?	No
Why are there photos not taken?	Extended on return.
Have any mark, site or photo details been updated or verified?	Yes - All details have been fully updated or verified.
Updated by:	Cyril Joureau

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	DoC - West Coast Tai Poutini Conservancy
Phone	03 752 0796
Address	Main Rd, PO Box 14, Franz Josef,

Owner

Is the owner known?	Yes
First Name	-
Last Name	Franz Josef - Waiau Area Office
Address	Main Rd, PO Box 14, Franz Josef,
Phone	03 752 0796

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:	Neville Palmer

Occupations

B2NL, 2018-03-23, 15:40, IXS01, 4726K53025, TRIMBLE SPS851, Trimble

Geodetic Code	B2NL
Station Name	GL Mt Bird

Deployment

Observer(s)	Cyril Joureau
GNSS Receiver	IXS01, 4726K53025, TRIMBLE SPS851, Trimble
GNSS Antenna	IXS01, 30520108, Zephyr Geodetic 2, Trimble
Antenna radome used?	NONE

Plumbing

Antenna Mount or Monument	Tripod
Set-up using a rotating optical plummet?	Yes
Bubble Centred?	Yes
Cross-hair on target?	Yes
Plummet Check OK?	Yes

Antenna Alignment

Magnetic Declination (+ve east / -ve west)	24
Compass should read (magnetic bearing)	336
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	2
1st Height	1.248
2nd Notch Number	4
2nd Height	1.25
3rd Notch Number	7
3rd Height	1.249
Check Height Units	Decimal Inches
Check Height	49.16
Check Height Converted to Metres	1.2487

Start Time

Occupation Start Date (local)	2018-03-23
Occupation Start Time (local)	15:40
Occupation Start UTC	Fri, 23 Mar 2018 02:40:00 GMT
Year and DoY (UTC)	2018-082

Battery Details

Number of batteries deployed	One
ID of Battery 1	155
Capacity of Battery 1 (Ahr)	34 Amp Hour
Voltage of Battery 1	12.32

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

Retrieval

Observer(s)	Jerry Simonsen, Rory Hart
Was receiver logging on arrival?	No
Explain why receiver was not logging (eg Flat battery)	Flat battery

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	155
Voltage of Battery 1 at Deployment	12.32
Voltage of Battery 1 at Retrieval	11.51

End Time

Occupation End Date (local)	2018-03-28
Occupation End Time (local)	12:54
Occupation End UTC	Tue, 27 Mar 2018 23:54:00 GMT
Year and DoY (UTC)	2018-086

Antenna Alignment

Magnetic Declination (+ve east / -ve west)	24
Compass should read (magnetic bearing)	336
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	5
1st Height	1.248
2nd Notch Number	2
2nd Height	1.247
3rd Notch Number	7
3rd Height	1.247
Check Height Units	Decimal Inches
Check Height	49.1

Check Height Converted to Metres	1.2471
Average Height recorded at Deployment	1.249

Plumbing

Bubble Centred?	Yes
Cross-hair on target?	Yes
Plummet Check OK?	Yes

EDS27, 30250820.T02, 30250830.T02

Current Station	B2NL - GL Mt Bird
Station Occupation times (UTC)	Start: 02:40 DoY 2018-082 UTC End: 23:54 DoY 2018-086 UTC
ID of Download Device	EDS27
Downloaded by:	Rory Hart
Download Date	2018-03-28
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	30250820.T02
Latest File Name Downloaded	30250830.T02
Total number of files downloaded.	2

Summary of Downloaded Files

Earliest Filenames Downloaded	30250820.T02
Latest Filenames Downloaded	30250830.T02
Numbers of files Downloaded	2

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.