

B8Y2, Unwin Hut

Project	2018 CSI GPS
Created	2018-01-09 15:51:55 NZDT by Neville Palmer
Updated	2018-05-22 09:28:54 NZST by GeodeticOne Tectonophysics
Location	-43.75906573, 170.1192787
Status	■ Retrieved
Geodetic Code	B8Y2
Station Name	Unwin Hut
Station Height (m)	681.6267
Station Height (ft)	2236

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. Stainless steel pin set in concrete pad.

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	No Protection
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
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Maintenance Completed and Required

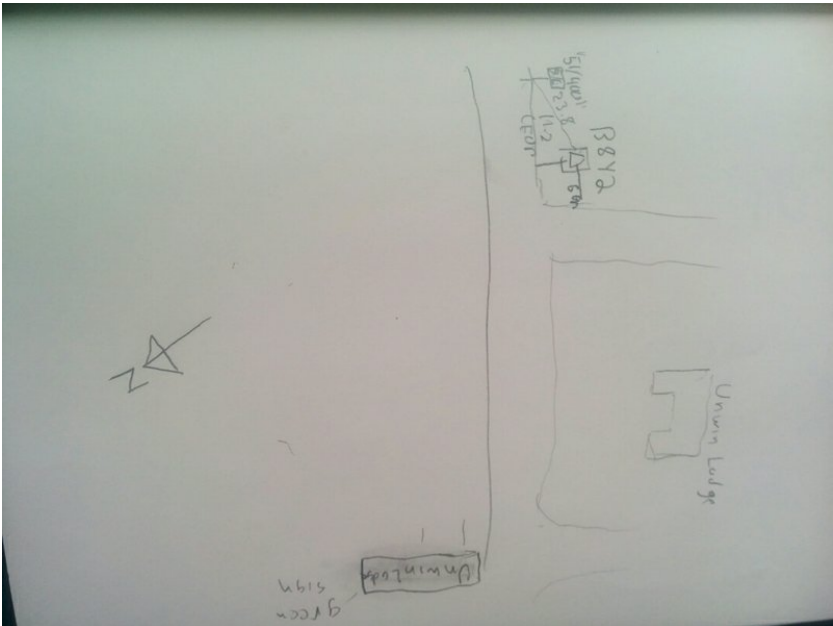
Mark Maintenance Completed	No
Beacon Maintenance Completed	No
Protection Maintenance Completed	No
Mark Maintenance Required	No
Beacon Maintenance Required	No
Protection Maintenance Required	No

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 the South corner of the junction between the Mount Cook road and the track leading to the Unwin hut. The pad is a few meters from the road and from the track.
Access vehicle	2WD
GNSS Suitability	Good

Verification

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

Photographs

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	DoC - Canterbury Conservancy
Phone	03 435 1186
Address	PO Box 5, Mount Cook, Mount Cook National Park,

Owner

Is the owner known?	Yes
First Name	Pip and simon
Last Name	Unwin lodge
Position (eg owner, manager, lessee, tenant, etc)	Manager
Address	PO Box 5, Mount Cook, Mount Cook National Park,
Phone	03 435 1100
Mobile Phone	0275235360
Email	mtcookvc@doc.govt.nz

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

B8Y2, 2018-01-25, 17:09, OU24, 0220414109, 5700, Trimble

Geodetic Code	B8Y2
Station Name	Unwin Hut

Deployment

Observer(s)	Chris Pearson, Isaac Brennan
GNSS Receiver	OU24, 0220414109, 5700, Trimble
GNSS Antenna	OU24, 60009348, Zephyr Geodetic, 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
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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 Notch (Slant)
1st Notch Number	8
1st Height	0.91
2nd Notch Number	2
2nd Height	0.91
3rd Notch Number	5
3rd Height	0.911
Check Height Units	Decimal Feet
Check Height	2.99
Check Height Converted to Metres	0.9114

Start Time

Occupation Start Date (local)	2018-01-25
Occupation Start Time (local)	17:09
Occupation Start UTC	Thu, 25 Jan 2018 04:09:00 GMT
Year and DoY (UTC)	2018-025

Battery Details

Number of batteries deployed	One
ID of Battery 1	9/c
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.94

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	9/c
Voltage of Battery 1 at Deployment	12.94
Voltage of Battery 1 at Retrieval	11.44

End Time

Occupation End Date (local)	2018-01-29
Occupation End Time (local)	08:12
Occupation End UTC	Sun, 28 Jan 2018 19:12:00 GMT

Year and DoY (UTC)	2018-028
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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 Notch (Slant)
1st Notch Number	5
1st Height	0.91
2nd Notch Number	8
2nd Height	0.908
3rd Notch Number	3
3rd Height	0.91
Check Height Units	Decimal Inches
Check Height	35.8
Check Height Converted to Metres	0.9093
Average Height recorded at Deployment	0.9103

Plumbing

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

Eds03, 41090250.t01, 41090280.t01

Current Station	B8Y2 - Unwin Hut
Station Occupation times (UTC)	Start: 04:09 DoY 2018-025 UTC End: 19:12 DoY 2018-028 UTC
ID of Download Device	Eds03
Downloaded by:	Chris Pearson
Download Date	2018-01-29
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	41090250.t01
Latest File Name Downloaded	41090280.t01
Total number of files downloaded.	4

Summary of Downloaded Files

Earliest Filenames Downloaded	41090250.t01
Latest Filenames Downloaded	41090280.t01
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.