

B8XM, Sunday Treat

Project	2018 CSI GPS
Created	2018-01-09 15:51:52 NZDT by Neville Palmer
Updated	2018-05-23 16:17:54 NZST by GeodeticTwo Tectonophysics
Location	-43.54768977, 170.8925152
Status	■ Retrieved
Geodetic Code	B8XM
Station Name	Sunday Treat
Station Height (m)	622.7926
Station Height (ft)	2043

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 rock outcrop.

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

Access and Location Description

Located off Hakatere Potts Road. 0.0km Enter locked gate from DoC carpark (Mt Sunday Track) on west side of Hakatere Potts Rd (13.5km from Lake Clearwater Village). Follow obvious 4WD track. 0.8km Take left fork in track. 1.4km Significant stream/river crossing. (advise foot reconnaissance first). 2.1km Thru gate and follow track up hill from NW end of Mt Sunday. 2.8km Park & walk ~200m to summit & mark. Mark is located on the summit ridge of Mt Sunday on a local top about 40m NW of the true summit and Trig H Mt Sunday (Nelson Beacon). Mark is set in outcrop at highest point of the local top. There on s a good DOC walking track starting at car park with foot ridges which is an alternative to driving.

Access vehicle

4WD

GNSS Suitability

Good

Cell Phone Network Coverage

Spark

No signal or unreliable 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



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	Mt Potts Station
Phone	03 303 9738

Address	PO Box 12, Mount Somers, Ashburton,
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Contact Comments

Access permission restrictions (to report in LINZ GDB)	Key required. Confidence with moderate stream crossings necessary.
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Owner

Is the owner known?	Yes
First Name	Mark
Last Name	Dewsbury
Address	PO Box 12, Mount Somers, Ashburton,
Phone	03 303 9738

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

B8XM, 2018-02-04, 15:31, GNS50, 3022413, PolaRx5, Septentrio

Geodetic Code	B8XM
Station Name	Sunday Treat

Deployment

Observer(s)	Chris Pearson, Isaac Brennan
GNSS Receiver	GNS50, 3022413, PolaRx5, Septentrio
GNSS Antenna	GNT02, 1441031160, 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)	22
Compass should read (magnetic bearing)	338
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	4
1st Height	1.013
2nd Notch Number	7
2nd Height	1.011
3rd Notch Number	2
3rd Height	1.011
Check Height Units	Decimal Inches
Check Height	39.85
Check Height Converted to Metres	1.0122

Start Time

Occupation Start Date (local)	2018-02-04
Occupation Start Time (local)	15:31
Occupation Start UTC	Sun, 04 Feb 2018 02:31:00 GMT
Year and DoY (UTC)	2018-035

Battery Details

Number of batteries deployed	One
ID of Battery 1	11g
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.95

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

2018-02-05

Geodetic Code	B8XM
Occupation Period	2018-035_2018-038
Event logged by:	Chris Pearson
Event Date	2018-02-05
Event Time	09:50
UTC time	Sun, 04 Feb 2018 20:50:00 GMT
Year and DoY (UTC)	2018-035
Event Comments	Visited. Setup looks fine. Installed fence for protection.

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	11g
Voltage of Battery 1 at Deployment	12.95
Voltage of Battery 1 at Retrieval	7

End Time

Occupation End Date (local)	2018-02-08
Occupation End Time (local)	09:59
Occupation End UTC	Wed, 07 Feb 2018 20:59:00 GMT
Year and DoY (UTC)	2018-038

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	4
1st Height	1.012
2nd Notch Number	7
2nd Height	1.011
3rd Notch Number	2
3rd Height	1.011
Check Height Units	Decimal Inches
Check Height	39.85
Check Height Converted to Metres	1.0122
Average Height recorded at Deployment	1.0117

Plumbing

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

Gns3, 19270350.18_.gz, 19270380.18_.gz

Current Station	B8XM - Sunday Treat
Station Occupation times (UTC)	Start: 02:31 DoY 2018-035 UTC End: 20:59 DoY 2018-038 UTC
ID of Download Device	Gns3
Downloaded by:	Chris Pearson
Download Date	2018-02-08
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	19270350.18_.gz
Latest File Name Downloaded	19270380.18_.gz
Total number of files downloaded.	4
Optional Comment	Note very low bat voltage. Either faulty meter or something strange.

Summary of Downloaded Files

Earliest Filenames Downloaded	19270350.18_.gz
Latest Filenames Downloaded	19270380.18_.gz
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.
