

1103, A Mt Horrible

Project	2018 CSI GPS
Created	2018-01-09 15:51:21 NZDT by Neville Palmer
Updated	2018-05-15 14:03:52 NZST by GeodeticOne Tectonophysics
Location	-44.40056979, 171.0573443
Status	 Retrieved
Geodetic Code	1103
Station Name	A Mt Horrible
Station Height (m)	397.1096
Station Height (ft)	1303

Mark, Site & Photo Details

Mark & Protection Details

Mark Type	Bronze Plaque
Mark Physical State	Reliable / Found
Mark Description	This mark is used for deformation monitoring, do not alter the ground mark in any way. Brass plaque set in concrete block.

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

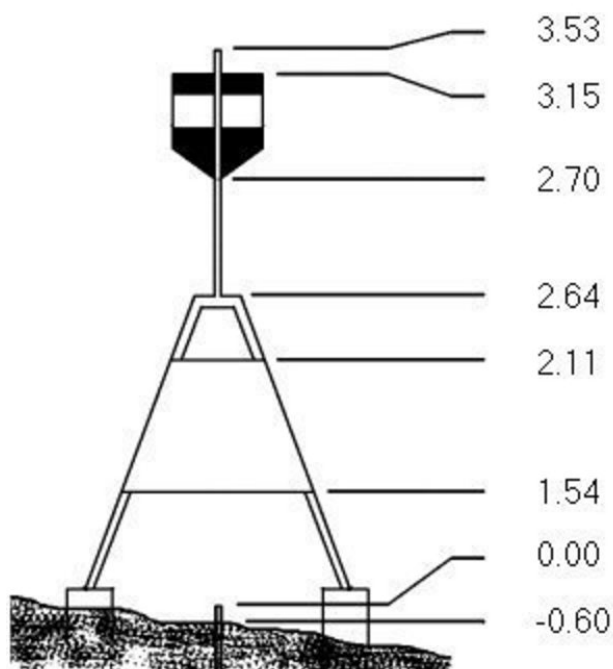
Protection

Primary Protection	3m or 4m Beacon
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Beacon Details

Beacon Type	3m or 4m Wooden Beacon
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Existing Beacon Diagram (read only).



Beacon Eccentricity

Previously Recorded Eccentricity	Central
Is Beacon Eccentric?	Central on arrival and departure from site

Height Details (all in metres)

Mark Ground Level Relationship in metres (+ve below GL / -ve above GL)	-0.6
Top of Vane or Black Strip	3.15
Bottom of Vane or Black Strip	2.7
Top of Head or Apex	2.64
Top of Side Panels	2.1
Bottom of Side Panels	1.53

Maintenance Completed and Required

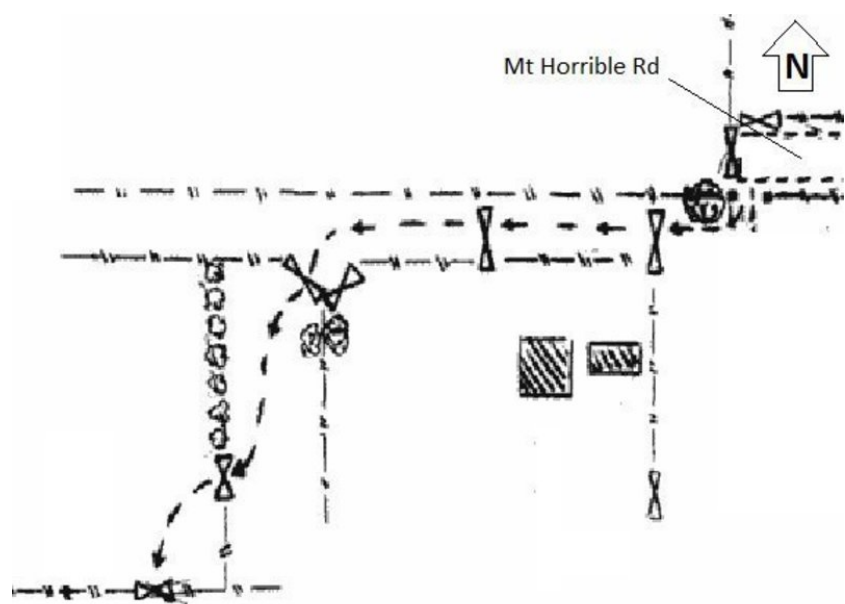
Mark Maintenance Completed	No
Beacon Maintenance Completed	No
Protection Maintenance Completed	No
Mark Maintenance Required	No
Beacon Maintenance Required	Yes
Description	SS Turnbuckles would be useful and appreciated.
Protection Maintenance Required	No

Verification

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

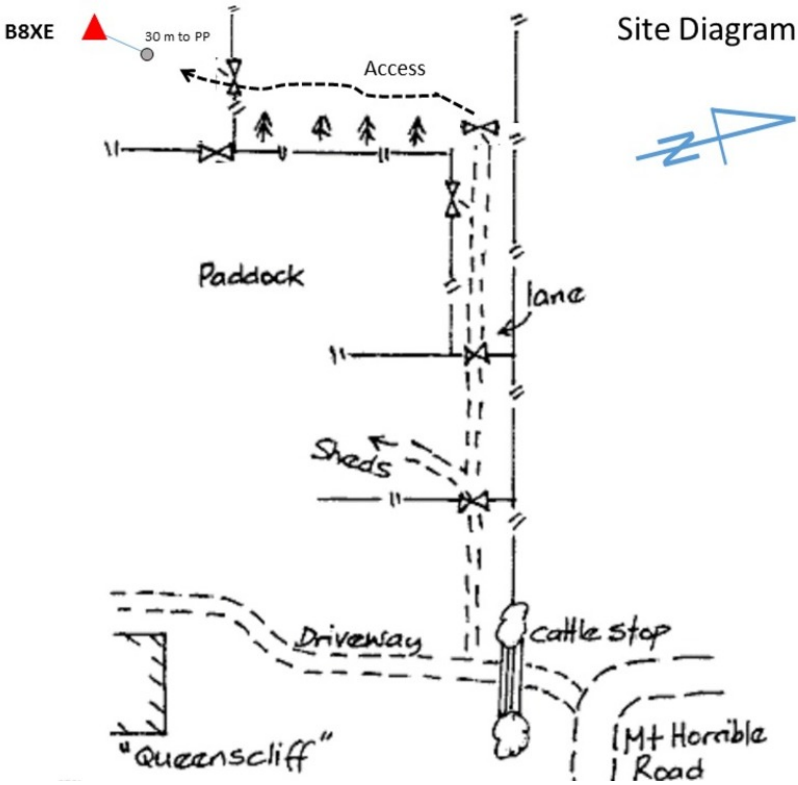
Site & Access Details

Diagram



◦ pole & transformer

▲ 1103



site diagram has been up dated.

Access and Location Description

Take Mt Horrible Road to the end. Turn left into farmhouse through gate and then immediately right. Follow track past sheds and into lane (see diagram). Travel to end of lane and turn left after hedge. The trig will be visible on grassy knoll in paddocks to the left. It is possible to drive directly to the trig in a 4WD vehicle by crossing two paddocks - be careful of wet spots!

Additional access notes (GNS use only)

Can drive to trig with a 2WD vehicle if conditions are dry.

Access vehicle

4WD

GNSS Suitability

Good

Cell Phone Network Coverage

Spark

Strong signal

Vodafone

Strong signal

2 Degrees

Strong signal

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:	Paul Denys, Jean-Louis Morrison

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	Blair Jopp
Phone	03 686 1660
Address	Mt Horrible Road, RD 2, Claremont, Timaru,

Contact Comments

Access permission restrictions (to report in LINZ GDB)	Phone first before visit or contact owner on site.
Additional comments relating to owner or contact details. (GNS use only.)	if unavailable try Alistair Jopp (father) 03-614 3860 Or may now be Mr J.M. Satherwaite, ph 03-686 0573.

Owner

Is the owner known?	Yes
First Name	Blair
Last Name	Jopp

Address	Mt Horrible Road, RD 2, Claremont, Timaru,
Phone	03 686 1660

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?	No - I have no intention of updating or verifying this info.

Occupations

1103, 2018-01-26, 10:58, OU25, 0220280300, 5700, Trimble

Geodetic Code	1103
Station Name	A Mt Horrible

Deployment

Observer(s)	Paul Denys, Jean-Louis Morrison
GNSS Receiver	OU25, 0220280300, 5700, Trimble
GNSS Antenna	OU25, 12421180, 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

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	4
1st Height	0.65
2nd Notch Number	1
2nd Height	0.649
3rd Notch Number	7
3rd Height	0.65
Check Height Units	Decimal Feet

Check Height	2.13
Check Height Converted to Metres	0.6492

Start Time

Occupation Start Date (local)	2018-01-26
Occupation Start Time (local)	10:58
Occupation Start UTC	Thu, 25 Jan 2018 21:58:00 GMT
Year and DoY (UTC)	2018-025

Battery Details

Number of batteries deployed	One
ID of Battery 1	OU 17D
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.9

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

2018-01-30

Geodetic Code	1103
Occupation Period	2018-025_2018-029
Event logged by:	Paul Denys
Event Date	2018-01-30
Event Time	10:49
UTC time	Mon, 29 Jan 2018 21:49:00 GMT
Year and DoY (UTC)	2018-029
Event Comments	Antenna on a lean on arrival. Sheep in paddock, tripod may have gotten knocked. Needed gear, so packed everything to move on.

Retrieval

Observer(s)	Jean-Louis Morrison, Paul Denys
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	OU 17D
Voltage of Battery 1 at Deployment	12.9
Voltage of Battery 1 at Retrieval	13.5

End Time

Occupation End Date (local)	2018-01-30
Occupation End Time (local)	10:46
Occupation End UTC	Mon, 29 Jan 2018 21:46:00 GMT
Year and DoY (UTC)	2018-029

Antenna Alignment

Magnetic Declination (+ve east / -ve west)	24
Compass should read (magnetic bearing)	336

Aligned to True North	No
Explain why not aligned north.	Tripod got knocked

Antenna Height

Height Measured To	Not Measured
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Plumbing

Bubble Centred?	No
Explain why bubble is not centred.	Tripod got knocked
Cross-hair on target?	Not Checked
Explain why cross-hair is not on target.	Tripod got knocked
Plummet Check OK?	Not Checked
Explain why plummet check is not OK.	Tripod got knocked

HP Laptop (Paul Denys), 03000260.t00, 03000290.t00

Current Station	1103 - A Mt Horrible
Station Occupation times (UTC)	Start: 21:58 DoY 2018-025 UTC End: 21:46 DoY 2018-029 UTC
ID of Download Device	HP Laptop (Paul Denys)
Downloaded by:	Paul Denys
Download Date	2018-01-30
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	03000260.t00
Latest File Name Downloaded	03000290.t00
Total number of files downloaded.	4

Summary of Downloaded Files

Earliest Filenames Downloaded	03000260.t00
Latest Filenames Downloaded	03000290.t00
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.