

AA2M, GP Mt Price

Project	2018 CSI GPS
Created	2018-01-09 15:51:36 NZDT by Neville Palmer
Updated	2018-05-25 08:59:06 NZST by GeodeticTwo Tectonophysics
Location	-43.30750418, 170.3549883
Status	■ Retrieved
Geodetic Code	AA2M
Station Name	GP Mt Price
Station Height (m)	1046.4048
Station Height (ft)	3433

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" dia. Iron tube branded 'GP'
Additional mark or site notes (GNS use only)	Pin is unstable within iron tube.. Is it worth keeping?

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	Post and Rail Enclosure

Beacon Details

Beacon Type	Not Beacons
-------------	-------------

Height Details (all in metres)

Mark Ground Level Relationship in metres (+ve below GL / -ve above GL)	-0.17
--	-------

Maintenance Completed and Required

Mark Maintenance Completed	No
Beacon Maintenance Completed	Yes
Description	Top of Beacon removed
Protection Maintenance Completed	No
Mark Maintenance Required	Yes
Description	Pin needs grouting into tube
Beacon Maintenance Required	No
Protection Maintenance Required	No

Verification

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

Site & Access Details

Access and Location Description	Helicopter (Mt. Price). South of Whataroa. Landing could be difficult due to dense vegetation coverage. Disused radio mast 5 meters south
Access vehicle	Heli
GNSS Suitability	Poor

Cell Phone Network Coverage

Spark	Strong 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



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:	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
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
-----------------------------------	---------------

Access Contact

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

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

AA2M, 2018-03-23, 14:09, GNS36, 5130K77201, NetR9, Trimble

Geodetic Code	AA2M
Station Name	GP Mt Price

Deployment

Observer(s)	Cyril Joureau
GNSS Receiver	GNS36, 5130K77201, NetR9, Trimble
GNSS Antenna	GNS36, 1441137986, 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	5

1st Height	1.339
2nd Notch Number	7
2nd Height	1.338
3rd Notch Number	2
3rd Height	1.337
Check Height Units	Decimal Inches
Check Height	52.74
Check Height Converted to Metres	1.3396

Start Time

Occupation Start Date (local)	2018-03-23
Occupation Start Time (local)	14:09
Occupation Start UTC	Fri, 23 Mar 2018 01:09:00 GMT
Year and DoY (UTC)	2018-082

Battery Details

Number of batteries deployed	One
ID of Battery 1	15H
Capacity of Battery 1 (Ahr)	34 Amp Hour
Voltage of Battery 1	12.5

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

2018-05-25

Geodetic Code	AA2M
Occupation Period	2018-082_2018-086
Event logged by:	Rory Hart
Event Date	2018-05-25
Event Time	08:54
UTC time	Thu, 24 May 2018 20:54:00 GMT
Year and DoY (UTC)	2018-144
Event Comments	Pin was loosely sitting in iron tube upon deployment and retrieval. Mean of heights used for RINEX.

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	15H
Voltage of Battery 1 at Deployment	12.5
Voltage of Battery 1 at Retrieval	11.4

End Time

Occupation End Date (local)	2018-03-28
Occupation End Time (local)	12:30
Occupation End UTC	Tue, 27 Mar 2018 23:30:00 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	1.336
2nd Notch Number	2
2nd Height	1.335
3rd Notch Number	8
3rd Height	1.335
Check Height Units	Decimal Inches
Check Height	52.52
Check Height Converted to Metres	1.334
Average Height recorded at Deployment	1.338

Plumbing

Bubble Centred?	No
Explain why bubble is not centred.	Off level
Cross-hair on target?	No
Magnetic bearing from mark to cross-hair.	151
Distance in mm from mark to cross-hair	5
Explain why cross-hair is not on target.	Sunken legs
Plummet Check OK?	Yes

EDS27, 72010820.T02, 72010850.T02

Current Station	AA2M - GP Mt Price
Station Occupation times (UTC)	Start: 01:09 DoY 2018-082 UTC End: 23:30 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	72010820.T02
Latest File Name Downloaded	72010850.T02
Total number of files downloaded.	4

Summary of Downloaded Files

Earliest Filenames Downloaded	72010820.T02
-------------------------------	--------------

Latest Filenames Downloaded	72010850.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.