

A4PG, PJ Deelaw

Project	2018 CSI GPS
Created	2018-01-09 15:51:35 NZDT by Neville Palmer
Updated	2018-04-16 13:31:03 NZST by GeodeticOne Tectonophysics
Location	-43.89995142, 169.1465366
Status	 Retrieved
Geodetic Code	A4PG
Station Name	PJ Deelaw
Station Height (m)	1181.7204
Station Height (ft)	3877

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. SS pin in 25 mm diam iron tube branded "PJ"

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

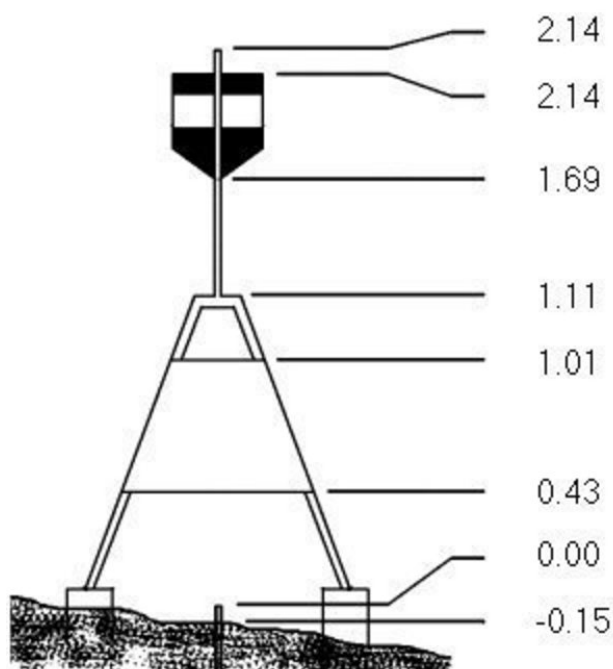
Protection

Primary Protection	2m Metal Beacon
Secondary Protection	No Protection

Beacon Details

Beacon Type	2m Metal Beacon, Clarke, Nelson, Gisborne
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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)	-0.15
Top of Vane or Black Strip	2.14
Bottom of Vane or Black Strip	1.69
Top of Head or Apex	1.11
Top of Side Panels	1.01
Bottom of Side Panels	0.43

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	Deelaw - 9km east of Haast. Good helicopter landing approximately 30 m east of mark..
Access vehicle	Heli
GNSS Suitability	Good

Cell Phone Network Coverage

Spark	No signal or unreliable signal
Vodafone	No signal or unreliable signal
2 Degrees	No signal or unreliable 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

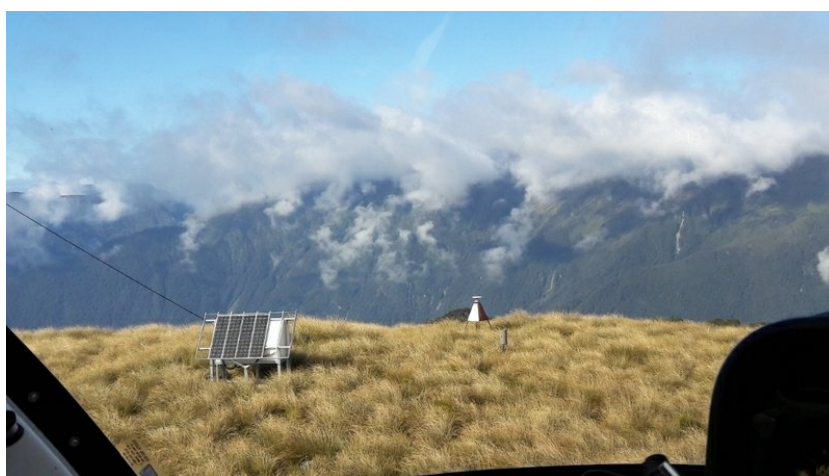


Photo of Immediate Site



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:	Rory Hart

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	DoC - West Coast Tai Poutini Conservancy
Phone	03 751 0807
Address	Main Road, PO Box 9, Fox Glacier,

Owner

Is the owner known?	Yes
Last Name	South Westland - Weheka Area Office
Address	Main Road, PO Box 9, Fox Glacier,
Phone	03 751 0807

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:	Rory Hart

Occupations

A4PG, 2018-03-23, 14:00, LINZ23, 0440101187, 5700, Trimble

Geodetic Code	A4PG
Station Name	PJ Deelaw

Deployment

Observer(s)	Jerry Simonsen, Rory Hart
GNSS Receiver	LINZ23, 0440101187, 5700, Trimble
GNSS Antenna	LINZ23, 12621960, Zephyr Geodetic, Trimble
Antenna radome used?	NONE

Plumbing

Antenna Mount or Monument	Nelson Beacon
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 Antenna (Vertical)
1st Height	1.178
Check Height Units	Decimal Inches
Check Height	46.38
Check Height Converted to Metres	1.1781

Start Time

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

Year and DoY (UTC)	2018-082
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Battery Details

Number of batteries deployed	One
ID of Battery 1	06A
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.74

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	06A
Voltage of Battery 1 at Deployment	12.74
Voltage of Battery 1 at Retrieval	11.47

End Time

Occupation End Date (local)	2018-03-29
Occupation End Time (local)	11:03
Occupation End UTC	Wed, 28 Mar 2018 22:03:00 GMT
Year and DoY (UTC)	2018-087

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 Antenna (Vertical)
1st Height	1.178
Check Height Units	Decimal Inches
Check Height	46.38
Check Height Converted to Metres	1.1781
Average Height recorded at Deployment	1.178

Plumbing

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

EDS27, 11870820.t01, 11870850.t01

Current Station	A4PG - PJ Deelaw
Station Occupation times (UTC)	Start: 01:00 DoY 2018-082 UTC End: 22:03 DoY 2018-087 UTC
ID of Download Device	EDS27
Downloaded by:	Rory Hart
Download Date	2018-03-29
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	11870820.t01
Latest File Name Downloaded	11870850.t01
Total number of files downloaded.	4

Summary of Downloaded Files

Earliest Filenames Downloaded	11870820.t01
Latest Filenames Downloaded	11870850.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.