

6722, JS Bannock Brae

Project	2018 CSI GPS
Created	2018-01-09 15:51:29 NZDT by Neville Palmer
Updated	2018-03-30 15:59:50 NZDT by GeodeticOne Tectonophysics
Location	-43.65241364, 169.6541802
Status	 Retrieved
Geodetic Code	6722
Station Name	JS Bannock Brae
Station Height (m)	1254.9463
Station Height (ft)	4117

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 50 mm diam iron tube.

Plates & Plaques

ID Plaque (bronze)	ID Plaque Installed during this visit
ID Plate (aluminium)	ID Plate does Not Exist and was Not Installed
Information Plate (aluminium)	Info Plate does Not Exist and was Not Installed

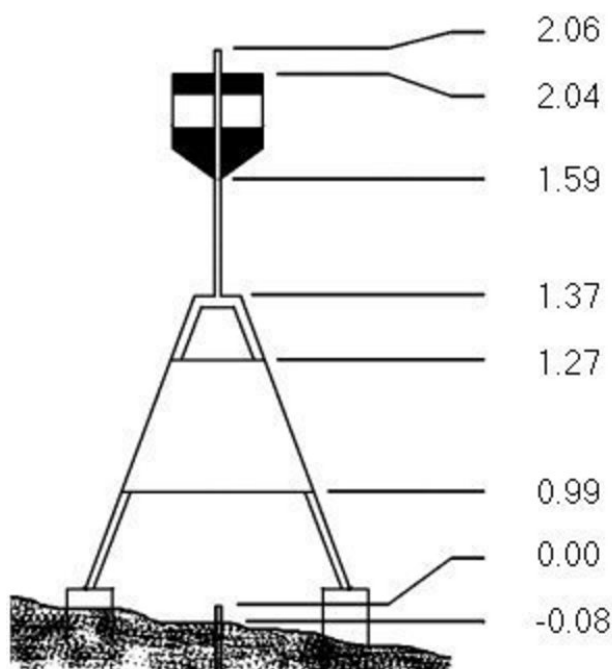
Protection

Primary Protection	No Protection
Secondary Protection	No Protection

Beacon Details

Beacon Type	Not Beacons
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Existing Beacon Diagram (read only).



Height Details (all in metres)

Mark Ground Level Relationship in metres (+ve below GL / -ve above GL)	-0.08
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Maintenance Completed and Required

Mark Maintenance Completed	No
Beacon Maintenance Completed	Yes
Description	Removed 2 m Nelson Beacon that was severely unstable. Could wiggle up to 30 cm
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	By helicopter. Note that station is down the ridge to the west and not on the highest point. Good helicopter landing approximately 10 m to the south of mark on Turlock ridge.
Access vehicle	Heli
GNSS Suitability	Good

Cell Phone Network Coverage

Spark	Weak but reliable signal
Vodafone	Weak but reliable signal
2 Degrees	Weak but reliable signal

Verification

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

Photographs

Existing Photo or Site Image

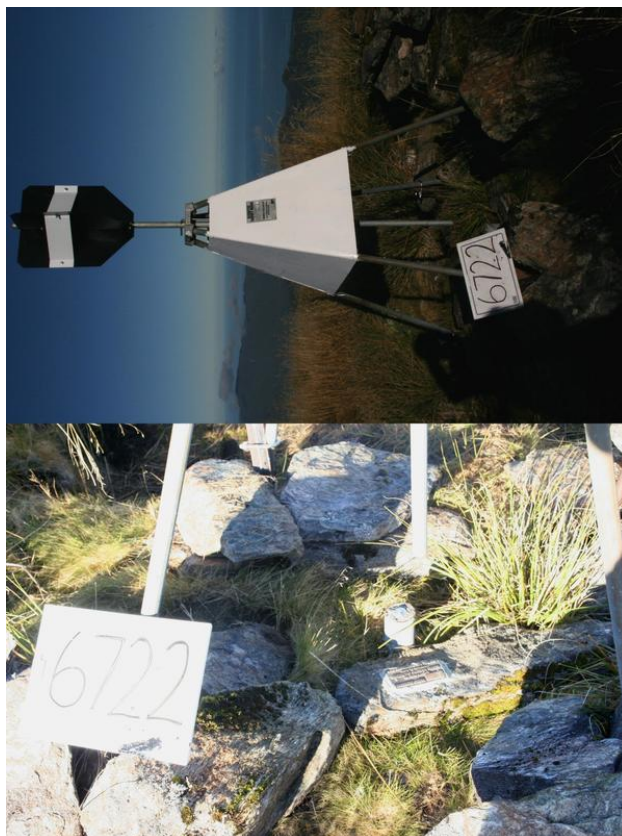


Photo of Survey Mark



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
First Name	-
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
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Have any owner or contact details been updated or verified?	Yes - All details have been fully updated or verified.
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Updated by:	Rory Hart
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Occupations

6722, 2018-03-25, 11:17, GNS20, 0220320200, 5700, Trimble

Geodetic Code	6722
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Station Name	JS Bannock Brae
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Deployment

Observer(s)	Jerry Simonsen, Rory Hart
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GNSS Receiver	GNS20, 0220320200, 5700, Trimble
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GNSS Antenna	GNS20, 12612063, Zephyr Geodetic, Trimble
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Antenna radome used?	NONE
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Plumbing

Antenna Mount or Monument	Tripod
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Set-up using a rotating optical plummet?	Yes
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Bubble Centred?	Yes
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Cross-hair on target?	Yes
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Plummet Check OK?	Yes
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Antenna Alignment

Magnetic Declination (+ve east / -ve west)	24
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Compass should read (magnetic bearing)	336
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Aligned to True North	Yes
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Antenna Height

Height Measured To	Bottom of Notch (Slant)
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1st Notch Number	6
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1st Height	1.134
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2nd Notch Number	4
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2nd Height	1.133
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3rd Notch Number	1
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3rd Height	1.134
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Check Height Units	Decimal Inches
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Check Height	44.56
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Check Height Converted to Metres	1.1318
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Start Time

Occupation Start Date (local)	2018-03-25
Occupation Start Time (local)	11:17
Occupation Start UTC	Sat, 24 Mar 2018 22:17:00 GMT
Year and DoY (UTC)	2018-083

Battery Details

Number of batteries deployed	One
ID of Battery 1	17P
Capacity of Battery 1 (Ahr)	34 Amp Hour
Voltage of Battery 1	12.82

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?	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	17P
Voltage of Battery 1 at Deployment	12.82
Voltage of Battery 1 at Retrieval	11.84

End Time

Occupation End Date (local)	2018-03-28
Occupation End Time (local)	14:29
Occupation End UTC	Wed, 28 Mar 2018 01:29:00 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 Notch (Slant)
1st Notch Number	7
1st Height	1.132
2nd Notch Number	4
2nd Height	1.133
3rd Notch Number	2
3rd Height	1.131
Check Height Units	Decimal Inches
Check Height	44.54

Check Height Converted to Metres	1.1313
Average Height recorded at Deployment	1.1337

Plumbing

Bubble Centred?	No
Explain why bubble is not centred.	Off level
Cross-hair on target?	Yes
Plummet Check OK?	Yes

EDS27, 02000831.t01, 02000870.t01

Current Station	6722 - JS Bannock Brae
Station Occupation times (UTC)	Start: 22:17 DoY 2018-083 UTC End: 01:29 DoY 2018-087 UTC
ID of Download Device	EDS27
Downloaded by:	Jerry Simonsen
Download Date	2018-03-30
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	02000831.t01
Latest File Name Downloaded	02000870.t01
Total number of files downloaded.	5

Summary of Downloaded Files

Earliest Filenames Downloaded	02000831.t01
Latest Filenames Downloaded	02000870.t01
Numbers of files Downloaded	5

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.