

6723, JQ Heretaniwha

Project	2018 CSI GPS
Created	2018-01-09 15:51:30 NZDT by Neville Palmer
Updated	2018-05-14 10:40:47 NZST by GeodeticOne Tectonophysics
Location	-43.58762721, 169.55622
Status	■ Retrieved
Geodetic Code	6723
Station Name	JQ Heretaniwha
Station Height (m)	97.9125
Station Height (ft)	321

Mark, Site & Photo Details

Mark & Protection Details

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 Exists
ID Plate (aluminium)	ID Plate does Not Exist and was Not Installed
Information Plate (aluminium)	Info Plate does Not Exist and was Not Installed

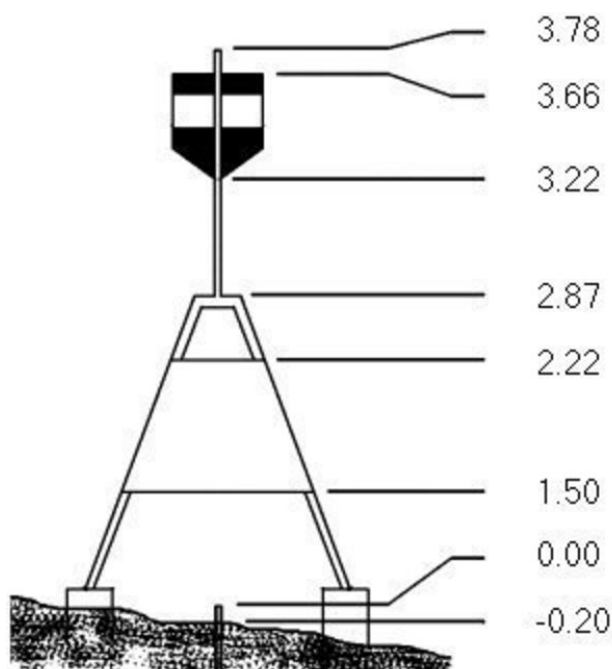
Protection

Primary Protection	Post and Rail Enclosure
Secondary Protection	No Protection

Beacon Details

Beacon Type	Not Beacons
Additional Beacon Notes (GNS use only)	Cut down 4 m quad Beacon to make post and rail enclosure

Existing Beacon Diagram (read only).



Height Details (all in metres)

Mark Ground Level Relationship in metres (+ve below GL / -ve above GL) -0.2

Maintenance Completed and Required

Mark Maintenance Completed	No
Beacon Maintenance Completed	Yes
Description	Cut down 4 m quad Beacon
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

Site & Access Details

Access and Location Description	Trig is ~300m east of lighthouse. Good landing at lighthouse then 30-40 min slog each way through dense swampy West Coast rainforest. No suitable landing at mark without major clearing.
Access vehicle	Heli
GNSS Suitability	Poor

Cell Phone Network Coverage

Spark	Network signal not tested
Vodafone	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

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

Occupations

6723, 2018-03-22, 11:19, GNS37, 5133K77662, NetR9, Trimble

Geodetic Code	6723
Station Name	JQ Hertaniwha

Deployment

Observer(s)	Jerry Simonsen, Rory Hart
GNSS Receiver	GNS37, 5133K77662, NetR9, Trimble
GNSS Antenna	GNS37, 1441138156, Zephyr Geodetic 2, Trimble
Antenna radome used?	NONE

Plumbing

Antenna Mount or Monument	Tripod
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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	6
1st Height	0.984
2nd Notch Number	3
2nd Height	0.984
3rd Notch Number	1
3rd Height	0.983
Check Height Units	Decimal Inches
Check Height	38.73
Check Height Converted to Metres	0.9837

Start Time

Occupation Start Date (local)	2018-03-22
Occupation Start Time (local)	11:19
Occupation Start UTC	Wed, 21 Mar 2018 22:19:00 GMT
Year and DoY (UTC)	2018-080

Battery Details

Number of batteries deployed	One
ID of Battery 1	17F
Capacity of Battery 1 (Ahr)	34 Amp Hour
Voltage of Battery 1	12.91

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	17F
Voltage of Battery 1 at Deployment	12.91
Voltage of Battery 1 at Retrieval	11.81

End Time

Occupation End Date (local)	2018-03-25
Occupation End Time (local)	10:00
Occupation End UTC	Sat, 24 Mar 2018 21:00:00 GMT
Year and DoY (UTC)	2018-083

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	6
1st Height	0.984
2nd Notch Number	3
2nd Height	0.985
3rd Notch Number	1
3rd Height	0.984
Check Height Units	Decimal Inches
Check Height	38.72
Check Height Converted to Metres	0.9835
Average Height recorded at Deployment	0.9837

Plumbing

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

EDS27, 76620800.T02, 76620830.T02

Current Station	6723 - JQ Hertaniwha
Station Occupation times (UTC)	Start: 22:19 DoY 2018-080 UTC End: 21:00 DoY 2018-083 UTC
ID of Download Device	EDS27
Downloaded by:	Rory Hart
Download Date	2018-03-25
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	76620800.T02
Latest File Name Downloaded	76620830.T02
Total number of files downloaded.	4

Summary of Downloaded Files

Earliest Filenames Downloaded	76620800.T02
Latest Filenames Downloaded	76620830.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.
