

6712, HP Waiho Bluff

Project	2018 CSI GPS
Created	2018-01-09 15:51:27 NZDT by Neville Palmer
Updated	2018-03-24 08:59:50 NZDT by Neville Palmer
Location	-43.28498196, 170.0555108
Status	 Retrieved
Geodetic Code	6712
Station Name	HP Waiho Bluff
Station Height (m)	88.0153
Station Height (ft)	289

Mark, Site & Photo Details

Mark & Protection Details

Mark Type	Iron Tube
Mark Physical State	Reliable / Found
Mark Description	This mark is used for deformation monitoring, do not alter the ground mark in any way. 2 inch diameter wrought iron tube. No buried mark. Quadripod in good condition (Feb 2002). Beacon removed (March 2018).

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

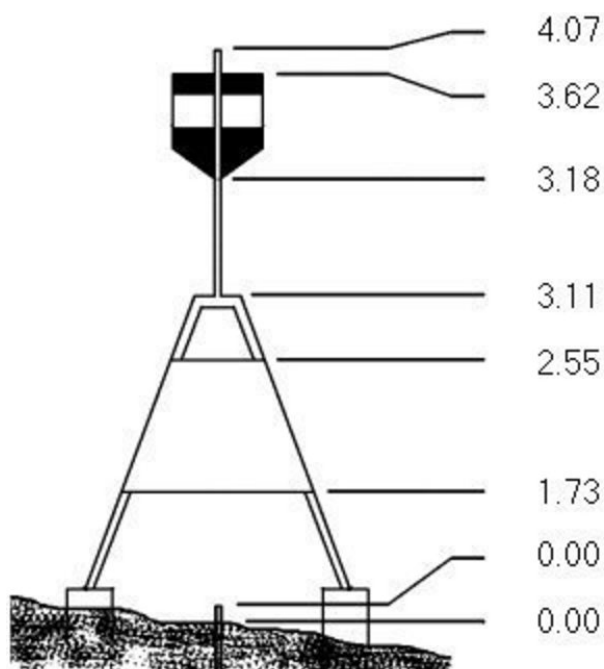
Protection

Primary Protection	Post and Rail Enclosure
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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

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	Helicopter clearing needed for future. SS pin need to be install.
Beacon Maintenance Required	No
Protection Maintenance Required	Yes
Description	2 new legs required

Verification

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

Site & Access Details

Access and Location Description	Foot via Waiho River, as access via the beach is very difficult. Walk along beach until north end of large cliff. Wooden stake marks the start of track. Follow up small gully very steep, ropes can be helpful. Once on top of cliff, scrub bash for 20 minutes. Alternative: By Helicopter. Helicopter pad to east - cleared Jan 1994
Access vehicle	Heli

GNSS Suitability	Good
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Cell Phone Network Coverage

Spark	No signal or unreliable signal
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
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Photographs

Photo of Survey Mark



Photo of Immediate Site





Verification

Is there at least one photo taken for each field above?

No

Why are there photos not taken?

Extended on camera

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	No Ownership Details Recorded
Address	No Ownership Details Recorded

Contact Comments

Access permission restrictions (to report in LINZ GDB)	No Reported Access Restrictions
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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:	Neville Palmer

Occupations

6712, 2018-03-22, 12:37, GNS42, 5235K51834, NetR9, Trimble

Geodetic Code	6712
Station Name	HP Waiho Bluff

Deployment

Observer(s)	Cyril Joureau
GNSS Receiver	GNS42, 5235K51834, NetR9, Trimble
GNSS Antenna	GNS42, 5000113048, 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
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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	1.04
2nd Notch Number	7
2nd Height	1.039
3rd Notch Number	1
3rd Height	1.039
Check Height Units	Decimal Inches
Check Height	40.91
Check Height Converted to Metres	1.0391

Start Time

Occupation Start Date (local)	2018-03-22
Occupation Start Time (local)	12:37
Occupation Start UTC	Wed, 21 Mar 2018 23:37:00 GMT
Year and DoY (UTC)	2018-080

Battery Details

Number of batteries deployed	One
ID of Battery 1	17P
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.52

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

Retrieval

Observer(s)	Neville Palmer
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	12.52
Voltage of Battery 1 at Retrieval	11.69

End Time

Occupation End Date (local)	2018-03-24
Occupation End Time (local)	08:49
Occupation End UTC	Fri, 23 Mar 2018 19:49:00 GMT

Year and DoY (UTC)	2018-082
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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	1.042
2nd Notch Number	2
2nd Height	1.039
3rd Notch Number	7
3rd Height	1.037
Check Height Units	Decimal Inches
Check Height	40.91
Check Height Converted to Metres	1.0391
Average Height recorded at Deployment	1.0393

Plumbing

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

EDS 29, 18340810.T02, 18340820.T02

Current Station	6712 - HP Waiho Bluff
Station Occupation times (UTC)	Start: 23:37 DoY 2018-080 UTC End: 0000 DoY 0NaN-NaN UTC
ID of Download Device	EDS 29
Downloaded by:	Cyril Joureau
Download Date	2018-03-24
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	18340810.T02
Latest File Name Downloaded	18340820.T02
Total number of files downloaded.	2

Summary of Downloaded Files

Earliest Filenames Downloaded	18340810.T02
Latest Filenames Downloaded	18340820.T02
Numbers of files Downloaded	2

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.