

6717, HY Malcolms Knob

Project	2018 CSI GPS
Created	2018-01-09 15:51:28 NZDT by Neville Palmer
Updated	2018-05-16 14:46:44 NZST by GeodeticOne Tectonophysics
Location	-43.4474393, 169.7743112
Status	 Retrieved
Geodetic Code	6717
Station Name	HY Malcolms Knob
Station Height (m)	139.2553
Station Height (ft)	457

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 50mm diam iron tube. Coke bottle is buried mark.

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

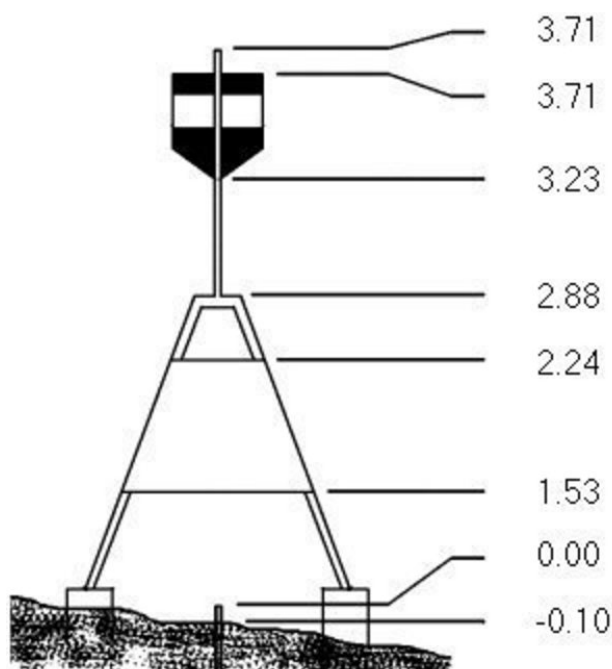
Protection

Primary Protection	Post and Rail Enclosure
Secondary Protection	No Protection

Beacon Details

Beacon Type	Not Beacons
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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)	-0.18
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Maintenance Completed and Required

Mark Maintenance Completed	No
Beacon Maintenance Completed	Yes
Description	Top of Beacon removed
Protection Maintenance Completed	Yes
Description	Base of beacon left as post and rail enclosure.
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 - maintained pad is 20m south of trig for access to radio mast.
Access vehicle	Heli
GNSS Suitability	Poor

Cell Phone Network Coverage

Spark	No signal or unreliable signal
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Vodafone	Network signal not tested
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



Verification

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

No

Why are there photos not taken?

Extended other 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

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:	Neville Palmer

Occupations

6717, 2018-03-22, 14:13, LINZ26, 0220283944, 5700, Trimble

Geodetic Code	6717
Station Name	HY Malcolms Knob

Deployment

Observer(s)	Cyril Joureau, Neville Palmer
GNSS Receiver	LINZ26, 0220283944, 5700, Trimble
GNSS Antenna	LINZ26, 12611631, Zephyr Geodetic, 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	3
1st Height	1.206
2nd Notch Number	6
2nd Height	1.206
3rd Notch Number	8
3rd Height	1.205
Check Height Units	Decimal Inches
Check Height	47.45
Check Height Converted to Metres	1.2052

Start Time

Occupation Start Date (local)	2018-03-22
Occupation Start Time (local)	14:13
Occupation Start UTC	Thu, 22 Mar 2018 01:13:00 GMT
Year and DoY (UTC)	2018-081

Battery Details

Number of batteries deployed	One
ID of Battery 1	08E
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.67

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

Retrieval

Observer(s)	Cyril Joureau, 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	08E
Voltage of Battery 1 at Deployment	12.67
Voltage of Battery 1 at Retrieval	12.13

End Time

Occupation End Date (local)	2018-03-24
Occupation End Time (local)	08:27
Occupation End UTC	Fri, 23 Mar 2018 19:27:00 GMT
Year and DoY (UTC)	2018-082

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	8
1st Height	1.204
2nd Notch Number	3
2nd Height	1.205
3rd Notch Number	6
3rd Height	1.206
Check Height Units	Decimal Inches
Check Height	47.5
Check Height Converted to Metres	1.2065

Average Height recorded at Deployment	1.2057
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Plumbing

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

EDS 29, 39440810.t01, 39440820.t01

Current Station	6717 - HY Malcolms Knob
Station Occupation times (UTC)	Start: 01:13 DoY 2018-081 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	39440810.t01
Latest File Name Downloaded	39440820.t01
Total number of files downloaded.	2

Summary of Downloaded Files

Earliest Filenames Downloaded	39440810.t01
Latest Filenames Downloaded	39440820.t01
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.