

6725, LG Piakatu

Project	2018 CSI GPS
Created	2018-01-09 15:51:30 NZDT by Neville Palmer
Updated	2018-03-25 13:47:03 NZDT by GeodeticOne Tectonophysics
Location	-43.64985182, 169.3836361
Status	 Retrieved
Geodetic Code	6725
Station Name	LG Piakatu
Station Height (m)	349.2144
Station Height (ft)	1146

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. 1 inch diameter iron tube. Stainless steel pin cemented into 2" dia. galvanised pipe.

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

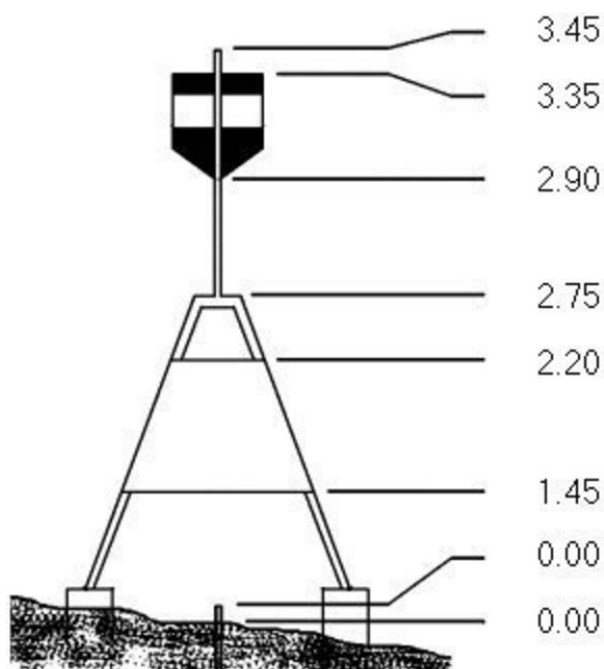
Protection

Primary Protection	Post and Rail Enclosure
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) -0.37

Maintenance Completed and Required

Mark Maintenance Completed	No
Beacon Maintenance Completed	Yes
Description	Removed top of beacon and left post and rail enclosure
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	By helicopter. Helipad cleared 1994. Helicopter hover landing on bush pad near beacon is available. Trimmed path up to trig in March 2018.
Access vehicle	Heli
GNSS Suitability	Good

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

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,

Contact Comments

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

6725, 2018-03-22, 13:58, GNS28, 0220389864, R7, Trimble

Geodetic Code	6725
Station Name	LG Piakatu

Deployment

Observer(s)	Jerry Simonsen, Rory Hart
GNSS Receiver	GNS28, 0220389864, R7, Trimble
GNSS Antenna	GNS28, 60154160, 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	2
1st Height	0.939
2nd Notch Number	7
2nd Height	0.939
3rd Notch Number	5
3rd Height	0.939
Check Height Units	Decimal Inches
Check Height	36.98
Check Height Converted to Metres	0.9393

Start Time

Occupation Start Date (local)	2018-03-22
Occupation Start Time (local)	13:58
Occupation Start UTC	Thu, 22 Mar 2018 00:58:00 GMT
Year and DoY (UTC)	2018-081

Battery Details

Number of batteries deployed	One
ID of Battery 1	11P
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?	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	11P
Voltage of Battery 1 at Deployment	12.74
Voltage of Battery 1 at Retrieval	11.691

End Time

Occupation End Date (local)	2018-03-25
Occupation End Time (local)	11:50
Occupation End UTC	Sat, 24 Mar 2018 22:50:00 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	2
1st Height	0.939
2nd Notch Number	7
2nd Height	0.939
3rd Notch Number	5
3rd Height	0.94
Check Height Units	Decimal Inches
Check Height	36.98
Check Height Converted to Metres	0.9393
Average Height recorded at Deployment	0.939

Plumbing

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

EDS27, 98640810.t01, 98640830.t01

Current Station	6725 - LG Piakatu
Station Occupation times (UTC)	Start: 00:58 DoY 2018-081 UTC End: 22:50 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	98640810.t01
Latest File Name Downloaded	98640830.t01
Total number of files downloaded.	3

Summary of Downloaded Files

Earliest Filenames Downloaded	98640810.t01
Latest Filenames Downloaded	98640830.t01
Numbers of files Downloaded	3

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.