

6711, GS Kohuamarua

Project	2018 CSI GPS
Created	2018-01-09 15:51:27 NZDT by Neville Palmer
Updated	2018-05-16 11:57:59 NZST by GeodeticOne Tectonophysics
Location	-43.23652945, 170.1325768
Status	 Retrieved
Geodetic Code	6711
Station Name	GS Kohuamarua
Station Height (m)	184.5297
Station Height (ft)	605

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. 25mm dia SS Pin set in 50mm 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

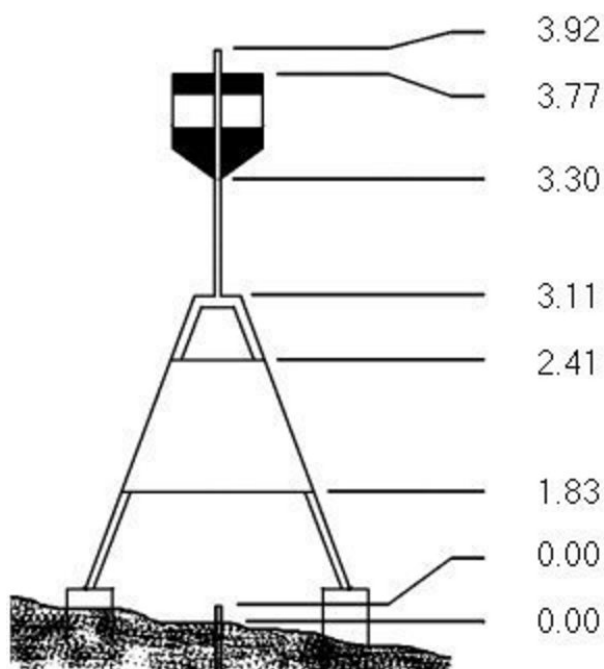
Protection

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)	-0.1
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Maintenance Completed and Required

Mark Maintenance Completed	No
Beacon Maintenance Completed	Yes
Description	Top of Beacon removed and lower rails and legs left as a post and rail enclosure.
Protection Maintenance Completed	Yes
Description	Post and rail enclosure made from beacon.
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	Along beach and across bridge at 3 mile lagoon follow old benched track to top of step grade then cut track to trig. Walking time is 45 minutes. Alternative: Helicopter landing on ridge 50 ft south of beacon. Fairly tight due to trees towards coast. Helicopter pad cleared Jan 1994. Getting overgrown. Little clearing March 2018
Access vehicle	Heli

GNSS Suitability	Poor
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Cell Phone Network Coverage

Spark	Weak but reliable signal
Vodafone	Weak but reliable 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





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:

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	SH 6, 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

6711, 2018-03-22, 11:35, GNS44, 5235K51840, NetR9, Trimble

Geodetic Code	6711
Station Name	GS Kohuamarua

Deployment

Observer(s)	Cyril Joureau
GNSS Receiver	GNS44, 5235K51840, NetR9, Trimble
GNSS Antenna	GNS44, 5000113057, 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

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	1.324
2nd Notch Number	7
2nd Height	1.323
3rd Notch Number	2
3rd Height	1.323
Check Height Units	Decimal Inches
Check Height	52.08
Check Height Converted to Metres	1.3228

Start Time

Occupation Start Date (local)	2018-03-22
Occupation Start Time (local)	11:35
Occupation Start UTC	Wed, 21 Mar 2018 22:35:00 GMT
Year and DoY (UTC)	2018-080

Battery Details

Number of batteries deployed	One
ID of Battery 1	17T
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.88

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	17T
Voltage of Battery 1 at Deployment	12.88
Voltage of Battery 1 at Retrieval	12.2

End Time

Occupation End Date (local)	2018-03-24
Occupation End Time (local)	09:19
Occupation End UTC	Fri, 23 Mar 2018 20:19:00 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	1.322
2nd Notch Number	5
2nd Height	1.324
3rd Notch Number	2
3rd Height	1.323
Check Height Units	Decimal Inches
Check Height	52.1
Check Height Converted to Metres	1.3233
Average Height recorded at Deployment	1.3233

Plumbing

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

EDS 29, 18400800A.T02, 18400820A.T02

Current Station	6711 - GS Kohuamarua
Station Occupation times (UTC)	Start: 22:35 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	18400800A.T02
Latest File Name Downloaded	18400820A.T02
Total number of files downloaded.	3

Summary of Downloaded Files

Earliest Filenames Downloaded	18400800A.T02
Latest Filenames Downloaded	18400820A.T02
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.