

6736, SB37

Project	2018 CSI GPS
Created	2018-01-09 15:51:33 NZDT by Neville Palmer
Updated	2018-05-24 16:21:28 NZST by GeodeticTwo Tectonophysics
Location	-43.48960816, 169.9101279
Status	■ Retrieved
Geodetic Code	6736
Station Name	SB37
Station Height (m)	87.5079
Station Height (ft)	287

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. Stainless steel pin set in concrete 25cm above ground.

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	Wooden or Non-Standard Marker Post
--------------------	------------------------------------

Beacon Details

Beacon Type	Not Beacons
-------------	-------------

Height Details (all in metres)

Mark Ground Level Relationship in metres (+ve below GL / -ve above GL)	-0.25
--	-------

Maintenance Completed and Required

Mark Maintenance Completed	No
Beacon Maintenance Completed	No
Protection Maintenance Completed	No
Mark Maintenance Required	Yes
Description	Install ID plaque and plate
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

Diagram

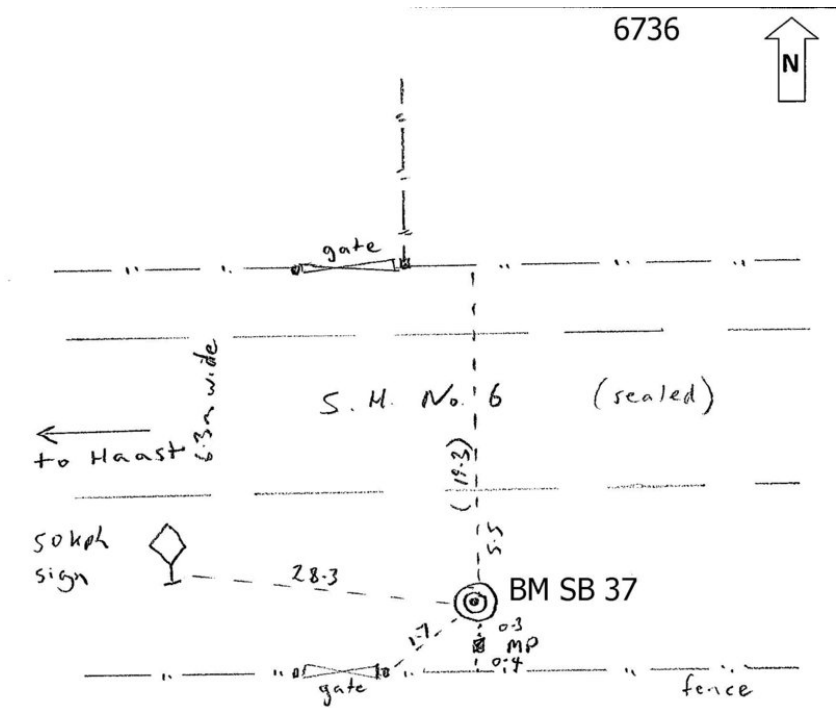


Diagram Notes	See current diagram
Access and Location Description	On SH6 3.3km west of Bullock Creek, 600m east of Ohinetamatea River bridge. Mark is adjacent to gate (tube and netting), south side of road and road side of fence. Marked by DOSLI BM post and plaque.
Access vehicle	2WD
GNSS Suitability	Good

Cell Phone Network Coverage

Spark	No signal or unreliable signal
Vodafone	Network signal not tested
2 Degrees	Weak but reliable signal

Verification

Have all site & access fields above been updated or verified to be correct?	Yes
---	-----

Photographs

Existing Photo or Site Image

6736 – SB 37

Contract Number: 2014C02

Land Information
New Zealand
hauko te whenua



ENSURV™
survey & engineering solutions

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:	Paul Denys

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	Road Reserve
---------------	--------------

Contact Comments

Access permission restrictions (to report in LINZ GDB)	None
--	------

Owner

Is the owner known?	Yes
First Name	-
Last Name	Road Reserve

Site Contact

Is the site contact person known?	Same as owner
-----------------------------------	---------------

Access Contact

Is the access contact person known?	Same as site contact
-------------------------------------	----------------------

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:	Paul Denys

Occupations

6736, 2018-02-03, 12:35, OU21, 0220413932, 5700, Trimble

Geodetic Code	6736
Station Name	SB37

Deployment

Observer(s)	Paul Denys, Jean-Louis Morrison
GNSS Receiver	OU21, 0220413932, 5700, Trimble
GNSS Antenna	OU21, 60052134, 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	5
1st Height	0.724
2nd Notch Number	7
2nd Height	0.724
3rd Notch Number	2
3rd Height	0.7235
Check Height Units	Decimal Inches
Check Height	28.49
Check Height Converted to Metres	0.7236

Start Time

Occupation Start Date (local)	2018-02-03
Occupation Start Time (local)	12:35
Occupation Start UTC	Fri, 02 Feb 2018 23:35:00 GMT
Year and DoY (UTC)	2018-033

Battery Details

Number of batteries deployed	One
ID of Battery 1	OU 17E
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.8

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

Retrieval

Observer(s)	Paul Denys, Jean-Louis Morrison
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	OU 17E
Voltage of Battery 1 at Deployment	12.8
Voltage of Battery 1 at Retrieval	13.2

End Time

Occupation End Date (local)	2018-02-07
Occupation End Time (local)	11:36
Occupation End UTC	Tue, 06 Feb 2018 22:36:00 GMT
Year and DoY (UTC)	2018-037

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	0.724
2nd Notch Number	7
2nd Height	0.724
3rd Notch Number	2
3rd Height	0.724
Check Height Units	Decimal Inches
Check Height	28.5
Check Height Converted to Metres	0.7239
Average Height recorded at Deployment	0.7238

Plumbing

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

HP Laptop (PD) , 39320340.t01, 39320370.t01

Current Station	6736 - SB37
Station Occupation times (UTC)	Start: 23:35 DoY 2018-033 UTC End: 22:36 DoY 2018-037 UTC
ID of Download Device	HP Laptop (PD)
Downloaded by:	Paul Denys
Download Date	2018-02-07
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	39320340.t01
Latest File Name Downloaded	39320370.t01
Total number of files downloaded.	4

Summary of Downloaded Files

Earliest Filenames Downloaded	39320340.t01
Latest Filenames Downloaded	39320370.t01
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.