

B8KM, SC 55

Project	2018 CSI GPS
Created	2018-01-09 15:51:44 NZDT by Neville Palmer
Updated	2018-05-25 13:10:02 NZST by GeodeticTwo Tectonophysics
Location	-43.96913752, 169.1783377
Status	■ Retrieved
Deployment Status Comment	check BM location dimensions
Geodetic Code	B8KM
Station Name	SC 55
Station Height (m)	57.446
Station Height (ft)	188

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 concrete block, 0.2m above GL.

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
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Beacon Details

Beacon Type	Not Beacons
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Height Details (all in metres)

Mark Ground Level Relationship in metres (+ve below GL / -ve above GL)	-0.16
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Maintenance Completed and Required

Mark Maintenance Completed	No
Beacon Maintenance Completed	No
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
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Site & Access Details

Diagram

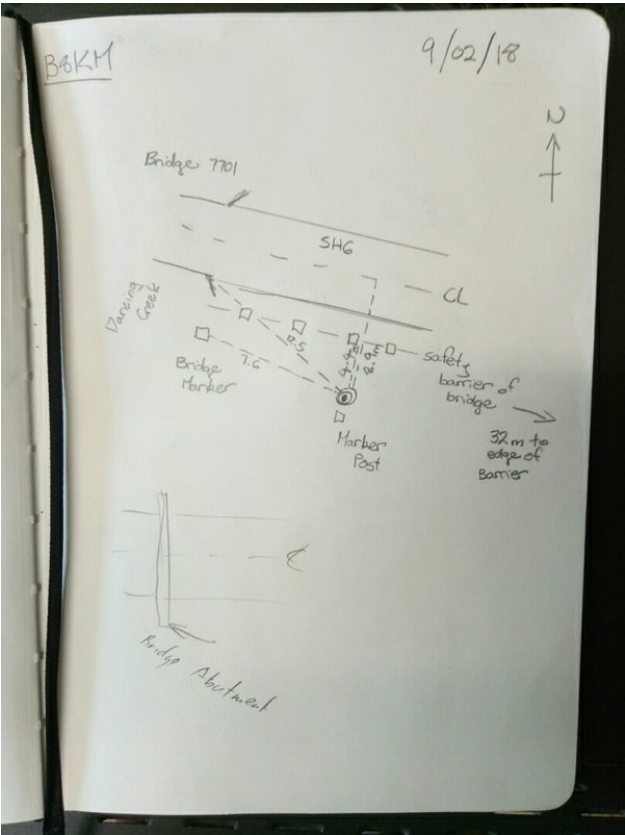


Diagram Notes	See diagram in GNS FB04
Access and Location Description	0.95km east from BM SC 54 on southern side of SH No 6 adjacent to Dancing Creek bridge.
Access vehicle	2WD
GNSS Suitability	Poor

Cell Phone Network Coverage

Spark	No signal or unreliable signal
Vodafone	No signal or unreliable signal
2 Degrees	No signal or unreliable signal

Verification

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

Photo of Survey Mark	
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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:	Jean-Louis Morrison

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	Road Reserve
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Owner

Is the owner known?	Yes
Last Name	Road Reserve

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:	Jean-Louis Morrison

Occupations

B8KM, 2018-02-04, 13:50, TNZ, 4724K30303, R7 GNSS, Trimble

Geodetic Code	B8KM
Station Name	SC 55

Deployment

Observer(s)	Jean-Louis Morrison, Paul Denys
GNSS Receiver	TNZ, 4724K30303, R7 GNSS, Trimble
GNSS Antenna	TNZ, 60115144, 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	7
1st Height	0.753
2nd Notch Number	4
2nd Height	0.754
3rd Notch Number	2

3rd Height	0.754
Check Height Units	Decimal Inches
Check Height	29.65
Check Height Converted to Metres	0.7531

Start Time

Occupation Start Date (local)	2018-02-04
Occupation Start Time (local)	13:50
Occupation Start UTC	Sun, 04 Feb 2018 00:50:00 GMT
Year and DoY (UTC)	2018-035

Battery Details

Number of batteries deployed	One
ID of Battery 1	13C
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.98

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

2018-02-06

Geodetic Code	B8KM
Occupation Period	2018-035_2018-039
Event logged by:	Paul Denys
Event Date	2018-02-06
Event Time	13:55
UTC time	Tue, 06 Feb 2018 00:55:00 GMT
Year and DoY (UTC)	2018-037
Event Comments	Restarted receiver

2018-02-07

Geodetic Code	B8KM
Occupation Period	2018-035_2018-039
Event logged by:	Paul Denys
Event Date	2018-02-07
Event Time	17:39
UTC time	Wed, 07 Feb 2018 04:39:00 GMT
Year and DoY (UTC)	2018-038
Event Comments	Restarted receiver

2018-02-08

Geodetic Code	B8KM
Occupation Period	2018-035_2018-039
Event logged by:	Paul Denys
Event Date	2018-02-08
Event Time	13:04
UTC time	Thu, 08 Feb 2018 00:04:00 GMT
Year and DoY (UTC)	2018-039

Event Comments	Restarted receiver
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Retrieval

Observer(s)	Paul Denys, Jean-Louis Morrison
Was receiver logging on arrival?	No
Explain why receiver was not logging (eg Flat battery)	Ex appears to stop logging. Battery good.

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	13C
Voltage of Battery 1 at Deployment	12.98
Voltage of Battery 1 at Retrieval	12.6

End Time

Occupation End Date (local)	2018-02-09
Occupation End Time (local)	10:52
Occupation End UTC	Thu, 08 Feb 2018 21:52:00 GMT
Year and DoY (UTC)	2018-039

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	0.7545
2nd Notch Number	2
2nd Height	0.754
3rd Notch Number	7
3rd Height	0.754
Check Height Units	Decimal Inches
Check Height	29.68
Check Height Converted to Metres	0.7539
Average Height recorded at Deployment	0.7537

Plumbing

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

HP Laptop (PD) , 03030350.t01, 03030390.t01

Current Station	B8KM - SC 55
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Station Occupation times (UTC)	Start: 00:50 DoY 2018-035 UTC End: 21:52 DoY 2018-039 UTC
ID of Download Device	HP Laptop (PD)
Downloaded by:	Paul Denys
Download Date	2018-02-09
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	03030350.t01
Latest File Name Downloaded	03030390.t01
Total number of files downloaded.	5
Optional Comment	Data files are only partial days.

Summary of Downloaded Files

Earliest Filenames Downloaded	03030350.t01
Latest Filenames Downloaded	03030390.t01
Numbers of files Downloaded	5

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.