

AEB3, Sandys Knob

Project	2018 CSI GPS
Created	2018-01-09 15:51:38 NZDT by Neville Palmer
Updated	2018-02-15 22:57:21 NZDT by Neville Palmer
Location	-43.64572888, 171.2010744
Status	■ Retrieved
Geodetic Code	AEB3
Station Name	Sandys Knob
Station Height (m)	603.3154
Station Height (ft)	1979

Mark, Site & Photo Details

Mark & Protection Details

Mark Physical State	Not Specified
Mark Description	This mark is used for deformation monitoring, do not alter the ground mark in any way. 12mm Stainless steel pin epoxied in rock.

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	No Protection
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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
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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 Notes	See locus track
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Access and Location Description

Location off Hakatere Potts Road. Turn off to Mt Possession Stn. Follow farm track straight to station house. Do not turn left across creek. From the house continue following the main farm track past some outbuildings then up the hill on a benched incline. After the top of the hill is reached continue to follow the main track, which goes straight then bends right through several deer fences. At last deer fence track turns left through grove of trees. Eventually the track reaches a terrace overlooking the Ashburton river. Here you will see a small rocky knoll in front of you. The mark is located on the top of this hill and is marked by a cairn. NB there is a second similar knoll behind a fence which comes into view immediately before the terrace is reached. There is a ford about 20m past the knoll containing the point. Point is 3.5 km. from Stn. House. Note mark is not on Sandy's knob

Access vehicle	4WD
GNSS Suitability	Good

Cell Phone Network Coverage

Spark	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:	Chris Pearson

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	Donald Whyte
Phone	03 303 9842
Address	Mt Possession Stn,

Owner

Is the owner known?	Yes
First Name	Donald
Last Name	Whyte
Address	Mt Possession Stn,
Phone	03 303 9842
Mobile Phone	027 450 8525

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:	Chris Pearson

Occupations

AEB3, 2018-02-02, 13:28, OU23, 0220413938, 5700, Trimble

Geodetic Code	AEB3
Station Name	Sandys Knob

Deployment

Observer(s)	Chris Pearson, Isaac Brennan
GNSS Receiver	OU23, 0220413938, 5700, Trimble
GNSS Antenna	OU23, 60265666, 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)	22
Compass should read (magnetic bearing)	338
Aligned to True North	Yes

Antenna Height

Height Measured To	Top of Notch (Slant)
1st Notch Number	1
1st Height	1.187
2nd Notch Number	7
2nd Height	1.187
3rd Notch Number	4
3rd Height	1.186
Check Height Units	Decimal Inches
Check Height	46.75
Check Height Converted to Metres	1.1874

Start Time

Occupation Start Date (local)	2018-02-02
Occupation Start Time (local)	13:28
Occupation Start UTC	Fri, 02 Feb 2018 00:28:00 GMT
Year and DoY (UTC)	2018-033

Battery Details

Number of batteries deployed	One
ID of Battery 1	12/h
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.86

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

Retrieval

Observer(s)	Chris Pearson, Isaac Brennan
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	12/h
Voltage of Battery 1 at Deployment	12.86
Voltage of Battery 1 at Retrieval	11.57

End Time

Occupation End Date (local)	2018-02-05
Occupation End Time (local)	11:24
Occupation End UTC	Sun, 04 Feb 2018 22:24:00 GMT
Year and DoY (UTC)	2018-035

Antenna Alignment

Magnetic Declination (+ve east / -ve west)	22
Compass should read (magnetic bearing)	338
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	1
1st Height	1.187
2nd Notch Number	4
2nd Height	1.186
3rd Notch Number	7
3rd Height	1.186
Check Height Units	Decimal Inches
Check Height	46.7
Check Height Converted to Metres	1.1862
Average Height recorded at Deployment	1.1867

Plumbing

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

G.s3, 39380330.t01, 39380350.t01

Current Station	AEB3 - Sandys Knob
Station Occupation times (UTC)	Start: 00:28 DoY 033 UTC End: 22:24 DoY 035 UTC
ID of Download Device	G.s3
Download Date	2018-02-05
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	39380330.t01
Latest File Name Downloaded	39380350.t01
Total number of files downloaded.	3

Summary of Downloaded Files

Earliest Filenames Downloaded	39380330.t01
Latest Filenames Downloaded	39380350.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.