

1109, Winchester

Project	2018 CSI GPS
Created	2018-01-09 15:51:22 NZDT by Neville Palmer
Updated	2018-05-24 11:38:56 NZST by GeodeticTwo Tectonophysics
Location	-44.20508656, 171.2994474
Status	■ Retrieved
Geodetic Code	1109
Station Name	Winchester
Station Height (m)	42.5928
Station Height (ft)	140

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. PIN in concrete capped. Brass plaque set in concrete.

Plates & Plaques

ID Plaque (bronze)	ID Plaque Exists
ID Plate (aluminium)	ID Plate Exists
Information Plate (aluminium)	Info Plate does Not Exist and was Not Installed

Protection

Primary Protection	Cast Iron Cover
Secondary Protection	Wooden or Non-Standard Marker Post

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)	0.1
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Maintenance Completed and Required

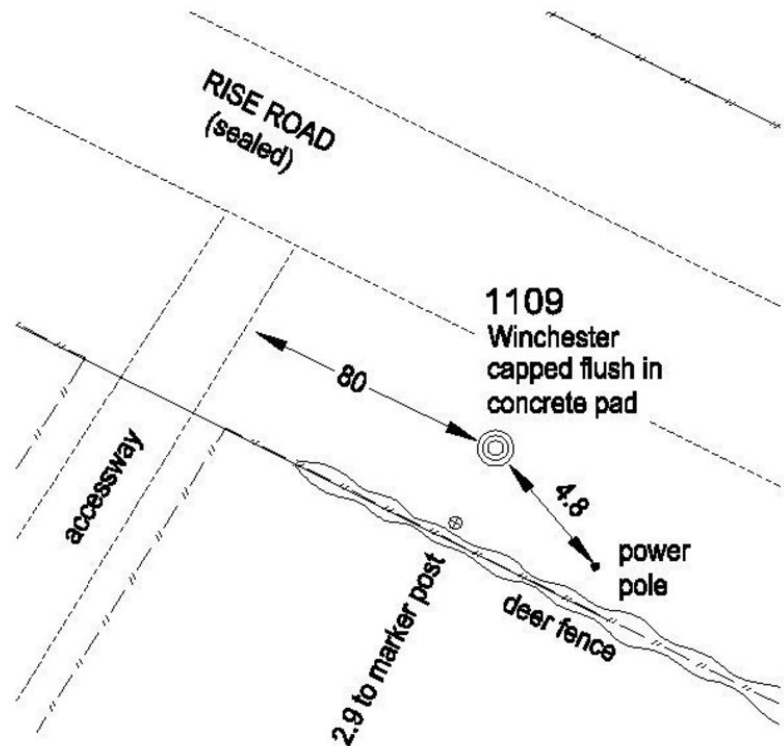
Mark Maintenance Completed	No
Beacon Maintenance Completed	No
Protection Maintenance Completed	No
Mark Maintenance Required	No
Beacon Maintenance Required	No
Protection Maintenance Required	No

Verification

Have all mark and protection fields above been updated or verified to be correct?	Yes
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Site & Access Details

Diagram



Access and Location Description	Trig is located 2.7km SE of Winchester along Rise Road. From south look for AA sign "Rise Road" just past the 50km/hr sign. War memorial obelisk is located at the corner. Turn left and proceed 2.7km along road. The trig is on the right hand side of the road beside a concrete power pole and is marked by new blue marker post. New concrete pad (with leg holes) with metal cover (probably need tool to remove-it stuck). A farmhouse on the left is located about 50-100m past (SE) of trig.
Additional access notes (GNS use only)	Tie downs for tripod present
Access vehicle	2WD
GNSS Suitability	Good

Cell Phone Network Coverage

Spark	Strong signal
2 Degrees	Weak but reliable signal

Verification

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

Existing Photo or Site Image

1109 - WINCHESTER

Contract Number: RFQ13D01



newzealand.govt.nz

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
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Owner

Is the owner known?	Yes
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First Name	-
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Last Name	Road Reserve
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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
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Have any owner or contact details been updated or verified?	Yes - All details have been fully updated or verified.
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Updated by:	Jean-Louis Morrison
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Occupations

1109, 2018-01-26, 12:31, GNS49, 5451R50049, NetR9, Trimble

Geodetic Code	1109
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Station Name	Winchester
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Deployment

Observer(s)	Paul Denys, Jean-Louis Morrison
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GNSS Receiver	GNS49, 5451R50049, NetR9, Trimble
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GNSS Antenna	GNS49, 1312118502, Zephyr Geodetic 2, Trimble
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Antenna radome used?	NONE
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Plumbing

Antenna Mount or Monument	Tripod
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Set-up using a rotating optical plummet?	Yes
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Bubble Centred?	Yes
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Cross-hair on target?	Yes
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Plummet Check OK?	Yes
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Antenna Alignment

Magnetic Declination (+ve east / -ve west)	24
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Compass should read (magnetic bearing)	336
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Aligned to True North	Yes
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Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	5
1st Height	1.1
2nd Notch Number	3
2nd Height	1.1
3rd Notch Number	8
3rd Height	1.099
Check Height Units	Decimal Inches
Check Height	43.28
Check Height Converted to Metres	1.0993

Start Time

Occupation Start Date (local)	2018-01-26
Occupation Start Time (local)	12:31
Occupation Start UTC	Thu, 25 Jan 2018 23:31:00 GMT
Year and DoY (UTC)	2018-025

Battery Details

Number of batteries deployed	One
ID of Battery 1	15-Mar
Capacity of Battery 1 (Ahr)	38 Amp Hour
Voltage of Battery 1	12.6

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

Retrieval

Observer(s)	Jean-Louis Morrison, Paul Denys
Was receiver logging on arrival?	No
Explain why receiver was not logging (eg Flat battery)	Flat battery

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	15-Mar
Voltage of Battery 1 at Deployment	12.6
Voltage of Battery 1 at Retrieval	11.2

End Time

Occupation End Date (local)	2018-01-30
Occupation End Time (local)	13:40
Occupation End UTC	Tue, 30 Jan 2018 00:40:00 GMT
Year and DoY (UTC)	2018-030

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	3
1st Height	1.1
2nd Notch Number	3
2nd Height	1.1
3rd Notch Number	8
3rd Height	1.099
Check Height Units	Decimal Inches
Check Height	43.28
Check Height Converted to Metres	1.0993
Average Height recorded at Deployment	1.0997

Plumbing

Bubble Centred?	Yes
Cross-hair on target?	No
Magnetic bearing from mark to cross-hair.	286
Distance in mm from mark to cross-hair	1
Explain why cross-hair is not on target.	Uncertain
Plummet Check OK?	Yes

Oppo A39 (Paul Denys Cell Phone), 00490260.t02, 00490290.t02

Current Station	1109 - Winchester
Station Occupation times (UTC)	Start: 23:31 DoY 2018-025 UTC End: 00:40 DoY 2018-030 UTC
ID of Download Device	Oppo A39 (Paul Denys Cell Phone)
Downloaded by:	Paul Denys
Download Date	2018-01-30
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	00490260.t02
Latest File Name Downloaded	00490290.t02
Total number of files downloaded.	4
Optional Comment	5 Files 00490250.T02 - 00490254.T02 are very small and have not been RINEXed.

Summary of Downloaded Files

Earliest Filenames Downloaded	00490260.t02
Latest Filenames Downloaded	00490290.t02
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.