

ACGF, UU70

Project	2018 CSI GPS
Created	2018-01-09 15:51:38 NZDT by Neville Palmer
Updated	2018-05-17 16:05:04 NZST by GeodeticOne Tectonophysics
Location	-44.72777, 171.1219528
Status	■ Retrieved
Geodetic Code	ACGF
Station Name	UU70
Station Height (m)	21.5168
Station Height (ft)	71

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. 25 mm stainless steel pin in concrete block 0.40 m below ground level. ID plaque plate attached, cast iron cover.

Plates & Plaques

ID Plaque (bronze)	ID Plaque Exists
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	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)	0.3
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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

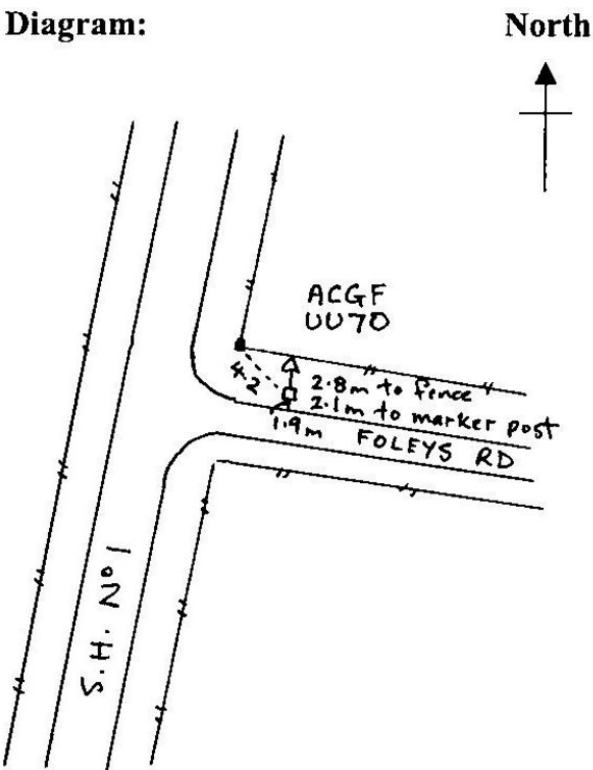
Verification

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

Diagram

Access Diagram:



Site Diagram



Diagram Notes	Diagram has been updated. Original available if required.
Access and Location Description	Situated on north-east corner of SH1 and Foleys Rd. Mark is located 9.5 m from the fence corner and 1.9 m from the road kerb.
Access vehicle	2WD
GNSS Suitability	Good
Cell Phone Network Coverage	
Spark	Network signal not tested

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



MARK AFTER UU 70 ACGF 2006.02.18



SITE AFTER UU 70 ACGF 2006.02.18
Sch No: 2005120 Cell Title: Otago NZMS J40B by Andy Muir

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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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:	Paul Denys
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Occupations

ACGF, 2018-01-24, 14:15, TNZ, 4724K30303, R7 GNSS, Trimble

Geodetic Code	ACGF
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Station Name	UU70
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Deployment

Observer(s)	Paul Denys, Jean-Louis Morrison
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GNSS Receiver	TNZ, 4724K30303, R7 GNSS, Trimble
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GNSS Antenna	TNZ, 60115144, 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)
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1st Notch Number	2
1st Height	1.33
2nd Notch Number	4
2nd Height	1.331
3rd Notch Number	8
3rd Height	1.33
Check Height Units	Decimal Feet
Check Height	4.36
Check Height Converted to Metres	1.3289

Start Time

Occupation Start Date (local)	2018-01-24
Occupation Start Time (local)	14:15
Occupation Start UTC	Wed, 24 Jan 2018 01:15:00 GMT
Year and DoY (UTC)	2018-024

Battery Details

Number of batteries deployed	One
ID of Battery 1	OU 13C
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.9

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	OU 13C
Voltage of Battery 1 at Deployment	12.9
Voltage of Battery 1 at Retrieval	12.4

End Time

Occupation End Date (local)	2018-01-28
Occupation End Time (local)	10:57
Occupation End UTC	Sat, 27 Jan 2018 21:57:00 GMT
Year and DoY (UTC)	2018-027

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	7
1st Height	1.329
2nd Notch Number	5
2nd Height	1.33
3rd Notch Number	2
3rd Height	1.329
Check Height Units	Decimal Inches
Check Height	52.3
Check Height Converted to Metres	1.3284
Average Height recorded at Deployment	1.3303

Plumbing

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

HP Laptop (Paul Denys), 03030240.t01, 03030240.t01

Current Station	ACGF - UU70
Station Occupation times (UTC)	Start: 01:15 DoY 2018-024 UTC End: 21:57 DoY 2018-027 UTC
ID of Download Device	HP Laptop (Paul Denys)
Downloaded by:	Paul Denys
Download Date	2018-01-28
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	03030240.t01
Latest File Name Downloaded	03030240.t01
Total number of files downloaded.	1

Summary of Downloaded Files

Earliest Filenames Downloaded	03030240.t01
Latest Filenames Downloaded	03030240.t01
Numbers of files Downloaded	1

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.