

6704, Grampions (IGNS)

Project	2018 CSI GPS
Created	2018-01-09 15:51:25 NZDT by Neville Palmer
Updated	2018-02-15 22:58:22 NZDT by Neville Palmer
Location	-44.22443928, 170.4796035
Status	■ Retrieved
Geodetic Code	6704
Station Name	Grampions (IGNS)
Station Height (m)	550.764
Station Height (ft)	1807

Mark, Site & Photo Details

Mark & Protection Details

Mark Physical State	Reliable / Found
Mark Description	This mark is used for deformation monitoring, do not alter the ground mark in any way. 1 cm dia. stainless steel pin set in rock outcrop

Plates & Plaques

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

Protection

Primary Protection	No Protection
Secondary Protection	No Protection

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

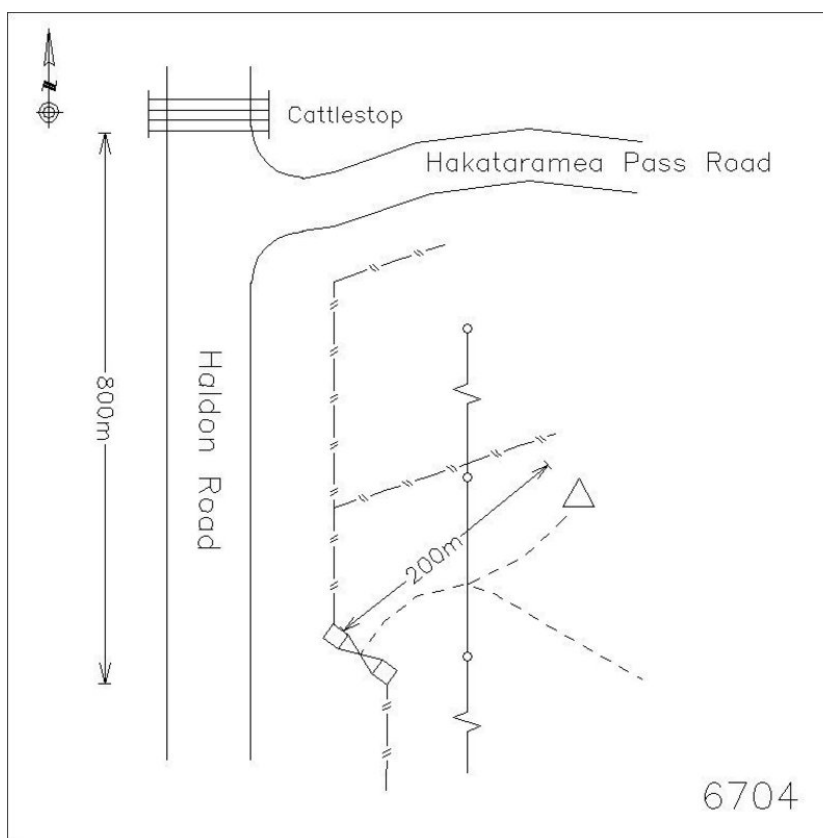


Diagram Notes	See locus map track
Access and Location Description	On Haldon Rd. Gate 1.1 km south of Snow River Bridge - take track to east and fork left to go north of ridge. Rock outcrop is to south of track approx 180 m from gate . Look for large tan rock outcrop.
Access vehicle	4WD
GNSS Suitability	Good

Cell Phone Network Coverage

Spark	Weak but reliable signal
2 Degrees	Network signal not tested

Verification

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

Photographs

6704 – GRAMPIONS (IGNS)

Contract Number: Waimate 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:	Chris Pearson

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	Grampions Station, G King
Phone	272892844
Address	Grampions Station Haldon Arm Road

Contact Comments

Access permission restrictions (to report in LINZ GDB)	Livestock
Additional comments relating to owner or contact details. (GNS use only.)	also try 03 680 6620

Owner

Is the owner known?	Yes
First Name	Guy
Last Name	King
Address	Haldon Rd, PO Box, Lake Tekapo,
Phone	03 680 6618

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

6704, 2018-01-26, 16:08, GNS50, 3022413, PolaRx5, Septentrio

Geodetic Code	6704
Station Name	Grampions (IGNS)

Deployment

Observer(s)	Chris Pearson, Isaac Brennan
GNSS Receiver	GNS50, 3022413, PolaRx5, Septentrio
GNSS Antenna	GNT02, 1441031160, 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)	22
Compass should read (magnetic bearing)	338
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	3
1st Height	1.214
2nd Notch Number	6
2nd Height	1.213
3rd Notch Number	1
3rd Height	1.212
Check Height Units	Decimal Inches
Check Height	47.7
Check Height Converted to Metres	1.2116

Start Time

Occupation Start Date (local)	2018-01-26
Occupation Start Time (local)	16:08
Occupation Start UTC	Fri, 26 Jan 2018 03:08:00 GMT
Year and DoY (UTC)	2018-026

Battery Details

Number of batteries deployed	One
ID of Battery 1	17p
Capacity of Battery 1 (Ahr)	38 Amp Hour
Voltage of Battery 1	12.79

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	17p
Voltage of Battery 1 at Deployment	12.79
Voltage of Battery 1 at Retrieval	9.43

End Time

Occupation End Date (local)	2018-01-31
Occupation End Time (local)	09:41
Occupation End UTC	Tue, 30 Jan 2018 20:41:00 GMT
Year and DoY (UTC)	2018-030

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	6
1st Height	1.213
2nd Notch Number	3
2nd Height	1.214
3rd Notch Number	8
3rd Height	1.213
Check Height Units	Decimal Inches
Check Height	47.75
Check Height Converted to Metres	1.2129
Average Height recorded at Deployment	1.213

Plumbing

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

Gns3, 19270260.18_.gz, 19270300.18_.gz

Current Station	6704 - Grampions (IGNS)
Station Occupation times (UTC)	Start: 03:08 DoY 026 UTC End: 20:41 DoY 030 UTC
ID of Download Device	Gns3
Download Date	2018-01-31
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	19270260.18_.gz
Latest File Name Downloaded	19270300.18_.gz
Total number of files downloaded.	5

Summary of Downloaded Files

Earliest Filenames Downloaded	19270260.18_.gz
Latest Filenames Downloaded	19270300.18_.gz
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.