

6721, Mt Stratford

Project	2018 CSI GPS
Created	2018-01-09 15:51:29 NZDT by Neville Palmer
Updated	2018-05-16 14:57:25 NZST by GeodeticOne Tectonophysics
Location	-43.69760894, 169.7105343
Status	■ Retrieved
Geodetic Code	6721
Station Name	Mt Stratford
Station Height (m)	1986.6508
Station Height (ft)	6518

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. Brass plaque in rock. Beacon destroyed by lightning. Brass plaque set in concrete.

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
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

Access and Location Description	By helicopter. Hover landing helicopter is possible near west side of beacon.
Access vehicle	Heli
GNSS Suitability	Good

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

Photographs

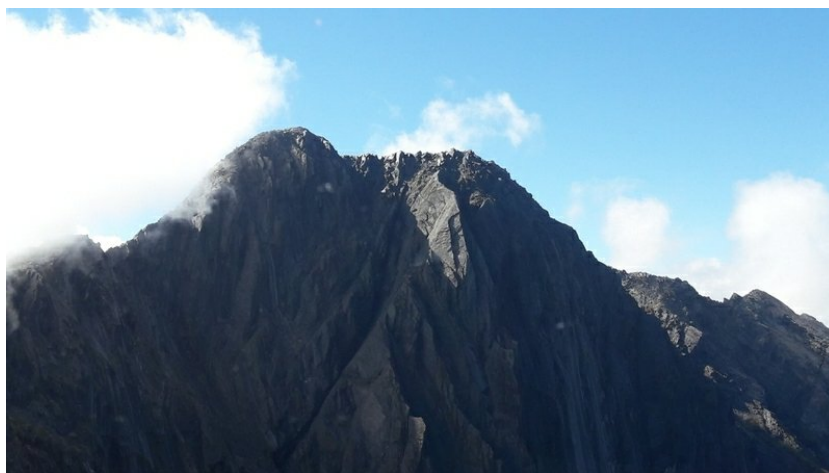
Photo of Survey Mark

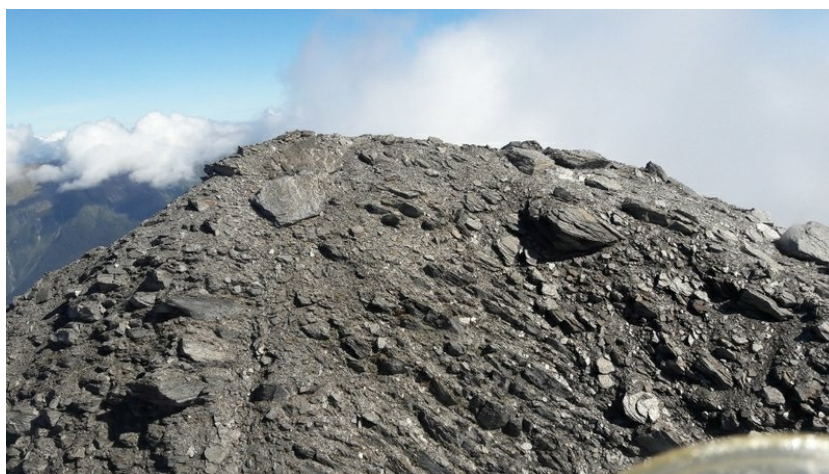


Photo of Immediate Site



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:	Rory Hart

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	DoC - West Coast Tai Poutini Conservancy
Phone	03 751 0807
Address	Main Road, PO Box 9, Fox Glacier,

Contact Comments

Access permission restrictions (to report in LINZ GDB)	No Reported Access Restrictions
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Owner

Is the owner known?	Yes
First Name	-

Last Name	South Westland - Weheka Area Office
Address	Main Road, PO Box 9, Fox Glacier,
Phone	03 751 0807

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:	Rory Hart

Occupations

6721, 2018-03-29, 13:26, GNS15, 0440101196, 5700, Trimble

Geodetic Code	6721
Station Name	Mt Stratford

Deployment

Observer(s)	Jerry Simonsen, Rory Hart
GNSS Receiver	GNS15, 0440101196, 5700, Trimble
GNSS Antenna	GNS15, 12235000, 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)	24
Compass should read (magnetic bearing)	336
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	2
1st Height	1.022
2nd Notch Number	8
2nd Height	1.021
3rd Notch Number	5

3rd Height	1.022
Check Height Units	Decimal Inches
Check Height	40.23
Check Height Converted to Metres	1.0218

Start Time

Occupation Start Date (local)	2018-03-29
Occupation Start Time (local)	13:26
Occupation Start UTC	Thu, 29 Mar 2018 00:26:00 GMT
Year and DoY (UTC)	2018-088

Battery Details

Number of batteries deployed	One
ID of Battery 1	17K
Capacity of Battery 1 (Ahr)	34 Amp Hour
Voltage of Battery 1	12.99

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

2018-04-01

Geodetic Code	6721
Occupation Period	2018-088_2018-090
Event logged by:	Rory Hart
Event Date	2018-04-01
Event Time	10:41
UTC time	Sat, 31 Mar 2018 22:41:00 GMT
Year and DoY (UTC)	2018-090
Event Comments	One bolt has been destroyed by lightning. Can only the down to two eyelets now. March 2018

Retrieval

Observer(s)	Cyril Joureau, Neville Palmer
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	17K
Voltage of Battery 1 at Deployment	12.99

End Time

Occupation End Date (local)	2018-04-01
Occupation End Time (local)	10:41
Occupation End UTC	Sat, 31 Mar 2018 22:41:00 GMT
Year and DoY (UTC)	2018-090

Antenna Alignment

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

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	5
1st Height	1.023
2nd Notch Number	8
2nd Height	1.022
3rd Notch Number	2
3rd Height	1.022
Check Height Units	Decimal Inches
Check Height	40.24
Check Height Converted to Metres	1.0221
Average Height recorded at Deployment	1.0217

Plumbing

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

Nev's phone, 11960880.t01, 11960900.t01

Current Station	6721 - Mt Stratford
Station Occupation times (UTC)	Start: 00:26 DoY 2018-088 UTC End: 21:41 DoY 2018-090 UTC
ID of Download Device	Nev's phone
Downloaded by:	Neville Palmer
Download Date	2018-04-01
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	11960880.t01
Latest File Name Downloaded	11960900.t01
Total number of files downloaded.	3

Summary of Downloaded Files

Earliest Filenames Downloaded	11960880.t01
Latest Filenames Downloaded	11960900.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.