

AF68, Tasman Rocks

Project	2018 CSI GPS
Created	2018-01-09 15:51:40 NZDT by Neville Palmer
Updated	2018-05-25 10:47:50 NZST by GeodeticTwo Tectonophysics
Location	-43.67662429, 170.6068199
Status	■ Retrieved
Geodetic Code	AF68
Station Name	Tasman Rocks
Station Height (m)	863.7858
Station Height (ft)	2834

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. 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
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)	0.03
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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

Good helicopter access - this is recommended if in area with helicopter. Location off track up Macaulay coming from Lillybank Station, Tasman rocks are the only area of obvious rock outcrops encountered on the true right side of the Macaulay River before the mouth of Stony Stream. There are two very large rock cliffs on either side of the mouth of a small brook. The mark is located on the easternmost of the outcrops. Go to the highest point on the rock knoll connected to the rock cliff on the eastern side of the creek. From the summit the pin is located 4 m east in a large flat slab and protrudes 1.5cm. It is marked by a cairn

Access vehicle

Heli

GNSS Suitability

Good

Cell Phone Network Coverage

Spark

Weak but reliable signal

Vodafone

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

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:

Cyril Joureau, Neville Palmer

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact

Lilybank Station

Phone

03 680 6522 (or 6533?)

Owner

Is the owner known?	Yes
First Name	Johnny
Last Name	Wheeler
Position (eg owner, manager, lesee, tenant, etc)	Manager
Phone	028 406 6258

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?	No
What owner or contact details are unverified or incomplete and why?	Unidentified
Have any owner or contact details been updated or verified?	Yes - All details have been fully updated or verified.
Updated by:	Neville Palmer

Occupations

AF68, 2018-03-25, 12:50, GNS48, 5451R50047, NetR9, Trimble

Geodetic Code	AF68
Station Name	Tasman Rocks

Deployment

Observer(s)	Cyril Joureau, Neville Palmer
GNSS Receiver	GNS48, 5451R50047, NetR9, Trimble
GNSS Antenna	GNS48, 1312118477, 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)	24
Compass should read (magnetic bearing)	336
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Notch (Slant)
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1st Notch Number	6
1st Height	1.106
2nd Notch Number	8
2nd Height	1.104
3rd Notch Number	3
3rd Height	1.106
Check Height Units	Decimal Inches
Check Height	43.55
Check Height Converted to Metres	1.1062

Start Time

Occupation Start Date (local)	2018-03-25
Occupation Start Time (local)	12:50
Occupation Start UTC	Sat, 24 Mar 2018 23:50:00 GMT
Year and DoY (UTC)	2018-083

Battery Details

Number of batteries deployed	One
ID of Battery 1	17R
Capacity of Battery 1 (Ahr)	34 Amp Hour
Voltage of Battery 1	12.83

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

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	17R
Voltage of Battery 1 at Deployment	12.83
Voltage of Battery 1 at Retrieval	11.47

End Time

Occupation End Date (local)	2018-03-29
Occupation End Time (local)	10:59
Occupation End UTC	Wed, 28 Mar 2018 21:59:00 GMT
Year and DoY (UTC)	2018-087

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)
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1st Notch Number	1
1st Height	1.104
2nd Notch Number	4
2nd Height	1.107
3rd Notch Number	6
3rd Height	1.106
Check Height Units	Decimal Inches
Check Height	43.55
Check Height Converted to Metres	1.1062
Average Height recorded at Deployment	1.1053

Plumbing

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

Nev's phone, 00470830.T02, 00470870.T02

Current Station	AF68 - Tasman Rocks
Station Occupation times (UTC)	Start: 23:50 DoY 2018-083 UTC End: 21:59 DoY 2018-087 UTC
ID of Download Device	Nev's phone
Downloaded by:	Neville Palmer
Download Date	2019-03-29
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	00470830.T02
Latest File Name Downloaded	00470870.T02
Total number of files downloaded.	5

Summary of Downloaded Files

Earliest Filenames Downloaded	00470830.T02
Latest Filenames Downloaded	00470870.T02
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.