

AAKQ, R NO 2 (Kohika)

Project	2018 CSI GPS
Created	2018-01-09 15:51:37 NZDT by Neville Palmer
Updated	2018-05-25 09:10:10 NZST by GeodeticTwo Tectonophysics
Location	-44.54275896, 171.0219261
Status	 Retrieved
Geodetic Code	AAKQ
Station Name	R NO 2 (Kohika)
Station Height (m)	206.198
Station Height (ft)	677

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. Stainless steel pin in concrete plinth with ID plaque plate attached.

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

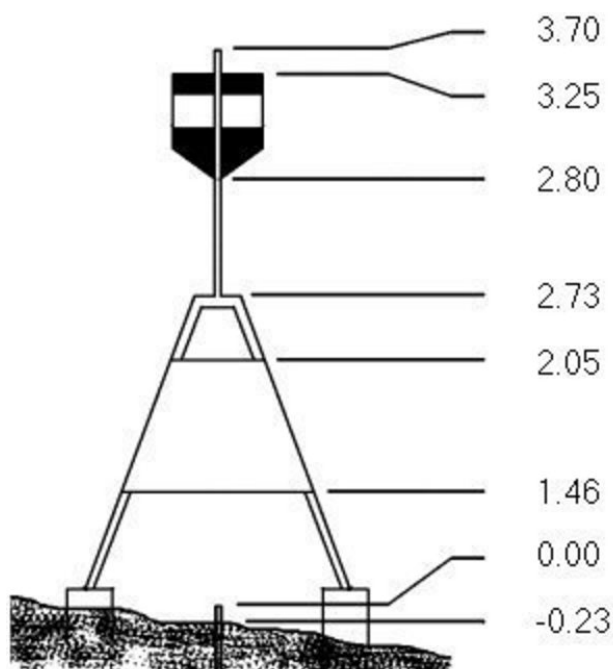
Protection

Primary Protection	3m or 4m Beacon
--------------------	-----------------

Beacon Details

Beacon Type	3m or 4m Wooden Beacon
-------------	------------------------

Existing Beacon Diagram (read only).



Beacon Eccentricity

Previously Recorded Eccentricity	Central
Is Beacon Eccentric?	Central on arrival and departure from site

Height Details (all in metres)

Mark Ground Level Relationship in metres (+ve below GL / -ve above GL)	-0.23
Top of Vane or Black Strip	3.25
Bottom of Vane or Black Strip	2.8
Top of Head or Apex	2.73
Top of Side Panels	2
Bottom of Side Panels	1.46

Maintenance Completed and Required

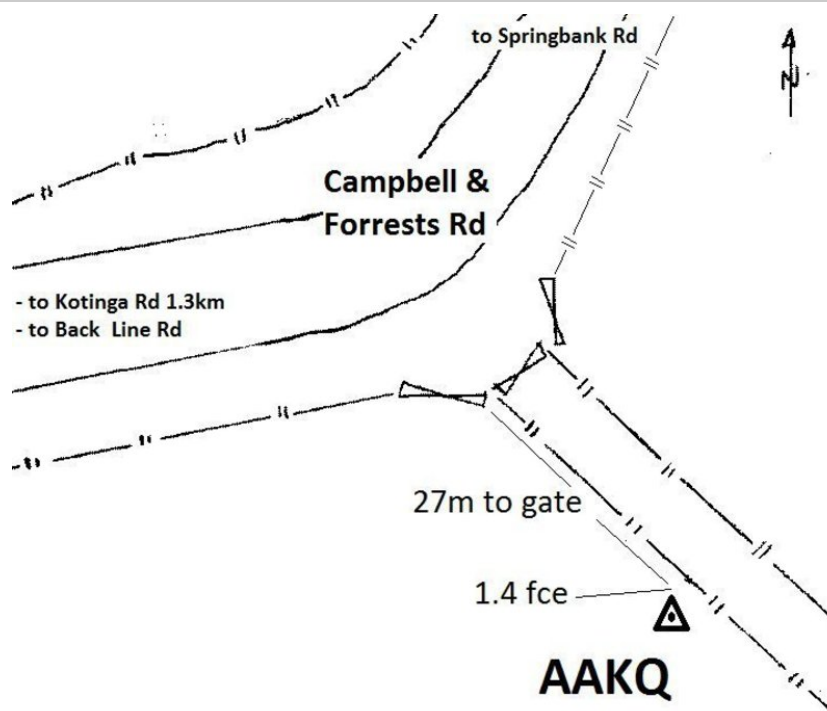
Mark Maintenance Completed	No
Beacon Maintenance Completed	No
Protection Maintenance Completed	No
Mark Maintenance Required	No
Beacon Maintenance Required	No
Protection Maintenance Required	No

Verification

Have all mark and protection fields above been updated or verified to be correct?	Yes
---	-----

Site & Access Details

Diagram



Access and Location Description	Trig is approx. 30m off Campbell and Forrests Rd and 1.4km east of the intersection with Woolshed Valley Rd
Access vehicle	2WD
GNSS Suitability	Good

Cell Phone Network Coverage

Spark	Network signal not tested
Vodafone	Network signal not tested
2 Degrees	Strong signal

Verification

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

Photographs

Existing Photo or Site Image

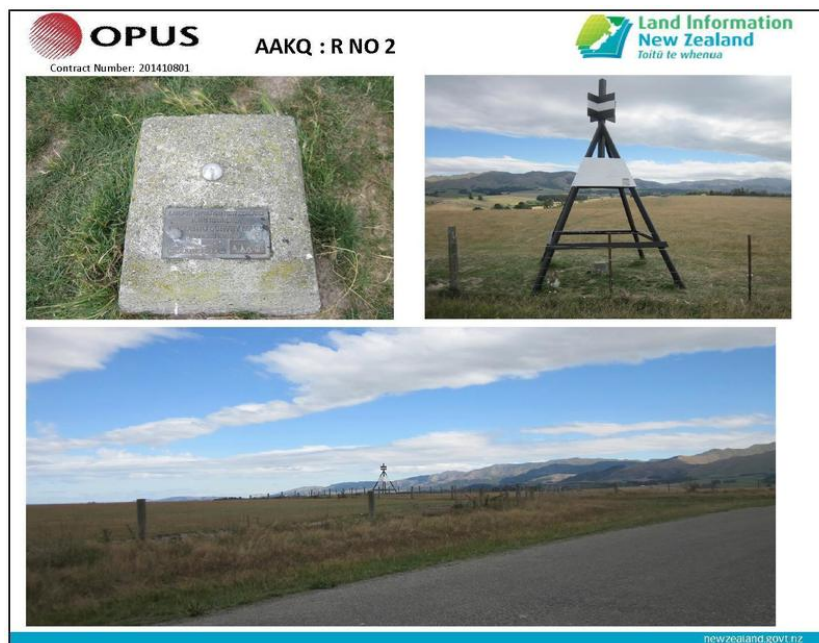


Photo of Survey Mark



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	S Taylor
Phone	03 612 6379

Contact Comments

Access permission restrictions (to report in LINZ GDB)	None
--	------

Owner

Is the owner known?	Yes
First Name	S
Last Name	Taylor
Address	Woolshed Valley Road, RD 1, Timaru,
Phone	03 612 6379

Site Contact

Is the site contact person known?	Same as owner
-----------------------------------	---------------

Access Contact

Is the access contact person known?	Same as site contact
-------------------------------------	----------------------

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:	Jean-Louis Morrison

Occupations

AAKQ, 2018-01-24, 15:39, OU13, 0220308726, 5700, Trimble

Geodetic Code	AAKQ
Station Name	R NO 2 (Kohika)

Deployment

Observer(s)	Paul Denys, Jean-Louis Morrison
GNSS Receiver	OU13, 0220308726, 5700, Trimble
GNSS Antenna	OU13, 12545551, 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	8
1st Height	0.743
2nd Notch Number	5
2nd Height	0.743
3rd Notch Number	3
3rd Height	0.743
Check Height Units	Decimal Feet
Check Height	2.439
Check Height Converted to Metres	0.7434

Start Time

Occupation Start Date (local)	2018-01-24
Occupation Start Time (local)	15:39
Occupation Start UTC	Wed, 24 Jan 2018 02:39:00 GMT
Year and DoY (UTC)	2018-024

Battery Details

Number of batteries deployed	One
ID of Battery 1	OU 17F
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.

2018-01-28

Geodetic Code	AAKQ
Occupation Period	2018-024_2018-028
Event logged by:	Paul Denys
Event Date	2018-01-28
Event Time	14:11
UTC time	Sun, 28 Jan 2018 01:11:00 GMT
Year and DoY (UTC)	2018-028
Event Comments	On arrival, found the antenna on a considerable lean. Horses in paddock, tripod was knocked. Leaving unit for a couple more days with a fence around it. Created new deployment, to be retrieved on Tuesday 30 Jan 2018.

Retrieval

Observer(s)	Jean-Louis Morrison, Paul Denys
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 OU 17F

Voltage of Battery 1 at Deployment 12.9

Voltage of Battery 1 at Retrieval 13

End Time

Occupation End Date (local) 2018-01-28

Occupation End Time (local) 14:04

Occupation End UTC Sun, 28 Jan 2018 01:04:00 GMT

Year and DoY (UTC) 2018-028

Antenna Alignment

Magnetic Declination (+ve east / -ve west) 22

Compass should read (magnetic bearing) 338

Aligned to True North No

Explain why not aligned north. Tripod was knocked, horses in paddock

Antenna Height

Height Measured To Not Measured

Plumbing

Bubble Centred? No

Explain why bubble is not centred. Tripod knocked.

Cross-hair on target? No

Magnetic bearing from mark to cross-hair. 0

Distance in mm from mark to cross-hair 0

Explain why cross-hair is not on target. Tripod knocked, horses in paddock. Created new deployment for a couple more days.

Plummet Check OK? Not Checked

Explain why plummet check is not OK. Tripod knocked, horses in paddock. Created new deployment for a couple more days.

HP Laptop (Paul Denys), 87260241.t01, 87260270.t01

Current Station AAKQ - R NO 2 (Kohika)

Station Occupation times (UTC)
Start: 02:39 DoY 2018-024 UTC
End: 01:04 DoY 2018-028 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 87260241.t01

Latest File Name Downloaded 87260270.t01

Total number of files downloaded. 4

Optional Comment Data with tripod being knocked, unsure at what time.

Summary of Downloaded Files

Earliest Filenames Downloaded 87260241.t01

Latest Filenames Downloaded 87260270.t01

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.

AAKQ, 2018-01-28, 14:16, OU13, 0220308726, 5700, Trimble

Geodetic Code	AAKQ
Station Name	R NO 2 (Kohika)

Deployment

Observer(s)	Jean-Louis Morrison, Paul Denys
GNSS Receiver	OU13, 0220308726, 5700, Trimble
GNSS Antenna	OU13, 12545551, 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	5
1st Height	0.726
2nd Notch Number	2
2nd Height	0.725
3rd Notch Number	8
3rd Height	0.725
Check Height Units	Decimal Inches
Check Height	28.6
Check Height Converted to Metres	0.7264

Start Time

Occupation Start Date (local)	2018-01-28
Occupation Start Time (local)	14:16
Occupation Start UTC	Sun, 28 Jan 2018 01:16:00 GMT
Year and DoY (UTC)	2018-028

Battery Details

Number of batteries deployed	One
ID of Battery 1	17F
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	13
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?	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	17F
Voltage of Battery 1 at Deployment	13
Voltage of Battery 1 at Retrieval	13.1

End Time

Occupation End Date (local)	2018-01-30
Occupation End Time (local)	12:07
Occupation End UTC	Mon, 29 Jan 2018 23:07:00 GMT
Year and DoY (UTC)	2018-029

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	5
1st Height	0.726
2nd Notch Number	8
2nd Height	0.725
3rd Notch Number	2
3rd Height	0.725
Check Height Units	Decimal Inches
Check Height	28.51
Check Height Converted to Metres	0.7242
Average Height recorded at Deployment	0.7253

Plumbing

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

HP Laptop (Paul Denys), 87260281.t01, 87260290.t01

Current Station	AAKQ - R NO 2 (Kohika)
Station Occupation times (UTC)	Start: 01:16 DoY 2018-028 UTC End: 23:07 DoY 2018-029 UTC
ID of Download Device	HP Laptop (Paul Denys)
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	87260281.t01
Latest File Name Downloaded	87260290.t01
Total number of files downloaded.	2

Summary of Downloaded Files

Earliest Filenames Downloaded	87260281.t01
Latest Filenames Downloaded	87260290.t01
Numbers of files Downloaded	2

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.