

GNSS site: 6734

Agency: GNS Science

GNSS full name: COPLAND (IGNS)

SET-UP

Operators: Aleksandr Spesivtsev
Cécile Ducrocq

Start time NZDT (dd/mm/yyyy hh:mn):

13 / 03 / 2025 10 : 38

UTC +13:00 hours

Receiver type: Septentrio PolaRx5

Receiver S/N: 4501927/3022413

Receiver ID: GNS-50

Antenna P/N: 57971.00DC5451

Antenna S/N: 1312118456

Antenna ID: GNS-46

Interval obs.: 15 seconds Elevation mask: 0 deg

Magnetic declination: 24 °E

Aligned to True North: Yes: ☒

Other: °mN

Levelled: Yes: ☒ No: ☐

Centered: Yes: ☒ No: °mN

TAKE DOWN

Operators: Jason Farr
Cécile Ducrocq

End time NZDT (dd/mm/yyyy hh:mn):

20 / 03 / 2025 09 : 40

Aligned to True North: Yes: ☐

Other: 331 °mN

Levelled: Yes: ☐ No: ☒

Centered: Yes: ☐ No: 1.5 mm 270 °mN

Measurements Slant*: ☒ Vertical: ☐

	Start	End
# 3	1.0815 m	1.0810 m
# 5	1.0815 m	1.0810 m
# 8	1.080 m	1.0795 m
# 8	42.55 inches	42.55 inches

Corrected vertical height (survey mark to ARP)**:

1.0229 m

*Slant height measured from top of survey mark to bottom of notch of the antenna.

**Vertical height from top of survey mark to ARP of antenna.

Comments

(e.g., monument type, heights, information about site, battery levels, measurement bottom of hole, and rinexing information)

Magnitude declination calculated for B8X4 site on 29 Jan. 2025 from WMM-2020 model.

Site 2 m from large cliff (~100s m of drop). Looks stable in 2025.

Average slant height: 1.08075 m.

Offset at retrieval, once relevelled.

Bearing from mark to crosshairs : 1.5 mm @ 270 deg magN.

