

GNSS site: B8XP

Agency: GNS Science

GNSS full name: CHARITY (IGNS)

SET-UP

Operators: Jason Farr
Cécile Ducrocq

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

20 / 03 / 2025 11 : 40

UTC +13:00 hours

Receiver type: Septentrio PolaRx5

Receiver S/N: 4501927

Receiver ID: GNS-50

Antenna P/N: 57971.00

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):

29 / 03 / 2025 10 : 15

Aligned to True North: Yes: ☒

Other: °mN

Levelled: Yes: ☐ **No:** ☒
Centered: Yes: ☒ **No:** ☐ °mN

Measurements: Slant*: ☒ **Vertical:** ☐

	Start	End
# 1	0.9930 m	0.9920 m
# 4	0.9940 m	0.9930 m
# 6	0.9945 m	0.9935 m
# 6	39.15 inches	29.05 inches

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

0.9343 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.

Confusion about the inch measurement at retrieval might be due to helicopter landing next to site and rotor working during take down which affected communication between field members. Likely 39.15 inches at take down.

Average BoN slant height : 0.9933 m.