Cast 52

Station 50

January 22, 03:23:18

-76 43.02, 179 49.79

549 m depth

This station (RBE1) is the second of an east to west section across Ross Bank.

A surface mixed layer extends to 20 m. The surface temperature is 0.3C. Fluorescence is high down to 40 m with a peak value of 13 mg/m^3 at 20 m.

A thick cold layer is between 300 and 400 m, with temperatures below surface freezing.

Salinity increases continuously from 40 m to the bottom. There is a well mixed bottom layer in the bottom 50 m.



