Cast 45

Station 43

January21, 11:17:12

-76 19.00, 179 15.14 E

310 m depth

This station (RBN3) is part of a north to south section aross Ross Bank.

There is a 20 m surface mixed layer with a temperature of 0.6C.

A weak fluorescence max spans 30 to 50 m with a max value of 3 mg/m^3.

Below 100 m, temperature decreases and salinity increases at a slow but uniform rate.

There is a weak Tmax at 225 m with an associated reduction in oxygen signaling the influence of CDW. The bottom 60 m has uniform properties with slightly reduced temperature and increased salinity.

There is no indication of ISW at this station.



