Cast 38

Station 37

January 20, 15:42:00

-76 48.59, 179 39.70

563 m depth

This station (RBSE2) is the second station on the SE to NW line across Ross Bank.

There is a surface mixed layer 20 m thick. The surface temperature is 0.2C and the peak fluorescence at about 10 m is 10 mg/m^3.

Temperature below 200 m are surface freezing except in a layer from 250 to 300 m where there is a slight Tmax associated with a slight decrease in dissolved oxygen indicating CDW. Also, there is a Tmin below -2C between 360 and 400 m indicating ISW.

Salinity decreases roughly linearly below about 40 m.



