Cast 56

Station 54

January 22, 10:13;37

-76 42.99, 177 30.17

295 m depth

This station (RBW2) is a station of an east to west section over Ross Bank., the second station west of the bank crest.

There is a 30 m thick mixed layer at the surface with a surface temperature of 0.8C. Fluorescence extends through the top 50 m of the water column with a peak of 6 mg/m^3 at 30 m depth.

Water below 80 m is near freezing. Salinity increases uniformly from about 30 m to the bottom.

There is a very thin layer with a small temperature increase and oxygen decrease at 180 m depth which is an indication of CDW.

There is a bottom mixed layer (50 m thick) with uniform conditions. The bottom salinity is slightly elevated and the bottom oxygen is slightly diminished.

There is no indication of ISW.



