Cast 41

Station40

January 20, 21: 47:23

-76 31.82, 178 25.99

302 m depth

This station (RBNW2) is the second of a SE to NW section across Ross Bank.

A surface mixed layer extends to 30 m with a temperature of 0.4C. A broad fluorescence peak covers the top 70m with a peak at 30 m depth with a value of 7 mg/m^3. A thermocline extends from 30 to 75 m.

Subsurface conditions change slowly below 75 m with slightly decreasing temperature near surface freezing and slightly increasing salinity. Bottom salinity is near 34.5.

There is no indication of ISW or CDW in this cast.



