Cast 42

Station (no station number)

January 21, 02:57:26

-76 39.60, 179 15.19

223 m depth

This cast was done when the Sea Horse was first used. No bottles were closed. No other samples were taken as part of this cast.

Surface mixed layer is 10 m thick with a temperature of 0.0C. A broad fluorescence peak covers the top 50 m with a peak value of 6 mg/m^3 at 25 m depth.

Temperature below 75 m is surface freezing. Salinity increases linearly from 10 to 130 m. All conditions are uniform below 150 m.

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



