Cast 65

Station 63

January 25, 08:10:33

-77 36.59, 179 11.10

695 m depth

This station is the first of a west to east section through a eddy at the edge of the Ross Ice Shelf.

The surface mixed layer extends to 75 m. The surface temperature is -0.4C. Fluorescence is uniform at 16 mg/m^3 from the surface to 60 m.

Temperature is freezing by 200 m. There is a slight temperature increase and oxygen decrease at 260 m due to CDW.

A layer between 400 and 600 m is below freezing representing ISW. There is a slight temperature increase below 600 m.



