Cast 67

Station 65

January 25, 10:36:45

-77 36.40, 178 48.09

721 m depth

This station is the middle of a line of stations crossing east to west across an eddy near the Ross Ice Shelf.

The surface mixed layer is 100 m thick with a temperature of -0.8C. There is high fluorescence (around 12 mg/m^3) throughout the mixed layer . The peak value is 13 mg/m^3 at 40 m depth.

Water below 160 m is near freezing. There is no clear indication of CDW.

Depths between 400 and 600 m have water that is below freezing indicating ISW. The vertical salinity gradient increases below 450 m.



