Cast 20

Station 19

January 16, 11:58

-76 44, 172 53

592 m depth

 A series of 3 stations were occupied at the boundary of the high and low biomass zones. This station is just outside (east of ) the high biomass region.

The surface layer extends to 40 m. There is a mixed layer to about 25 m.

There is a weak peak in fluorescence (8 mg/m^3) at 40 m.

Water below 75 m is near freezing. There is a small Tmax in a layer of about 10 m thick at 200m. This is likely a thin lateral intrusion of CDW from some nearby area.

Salinity increases slowly below the surface layer.

There is a small O2 decrease over the bottom 60 m.

There is no indication of ISW.



