README

PRISM\_SSMIS\_MODIS\_Jan\_15.pdf Ice cover and chl time-series at each station.

nbp1201\_ctd\_list.txt CTD station locations

nbp1201\_TMctd\_list.txt Trace metal CTD station list

nbp1201\_xbt\_list.txt XBT station list

process\_final.zip CTD data – individual casts

nbp1201\_ctd.mat CTD data - single mat file (self-documenting)

vpr10.y12 VPR data for two from Ross Bank to Joides Trough, including 2 sections across Pennell and Mawson banks:

VPR file column headings:

1 vpr timestep

2 gmt in hhmmss.sss

3 date in ddmmyy

4 latitude in ddmm.mmmm. From ship GPS, negative values are Western hemisphere

5 longitude in ddmm.mmmm. From ship GPS), negative values are Southern hemisphere

6 bottom depth

7 alt

8 roll Roll angle, (degrees, positive: roll to right?)

9 pitch Pitch angle, (degrees, positive up)

10 flow

11 fluorescence ug Chl-a/liter

12 PAR Downwelling light from PAR sensor, micro Einsteins/cm2/sec

13 turbidity Optical backscatter (Formazin turbidity units)

14 salinity Salinity (unitless~=PSU and o/oo) from VPR CTD

15 temperature Temperature of seawater in oC from VPR CTD

16 vprdepth