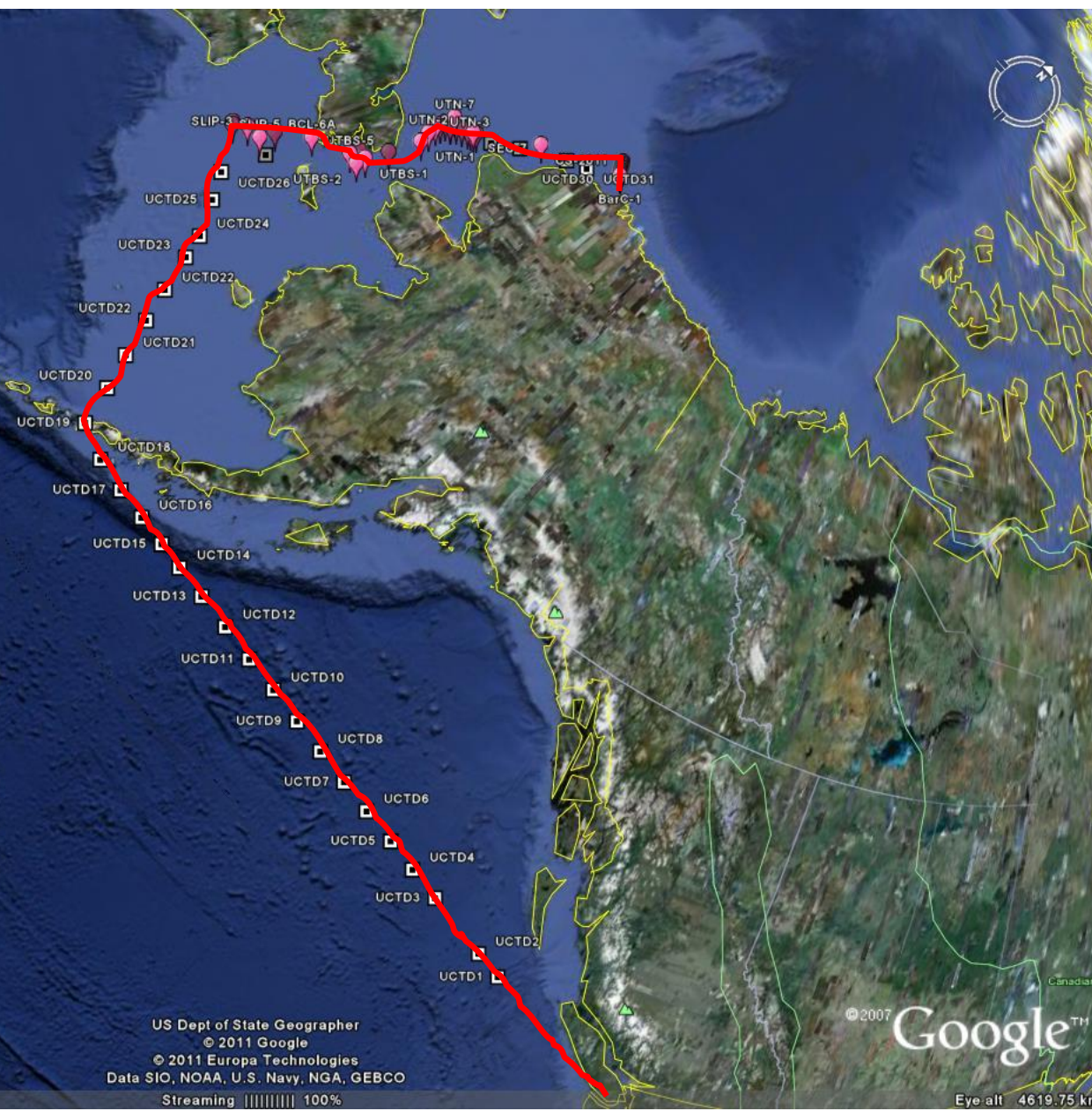


**Biogeochemical and physical oceanographic
sampling along DBO lines from CCGS Sir Wilfrid
Laurier 2010 & 2011 and 2001 to 2011.**



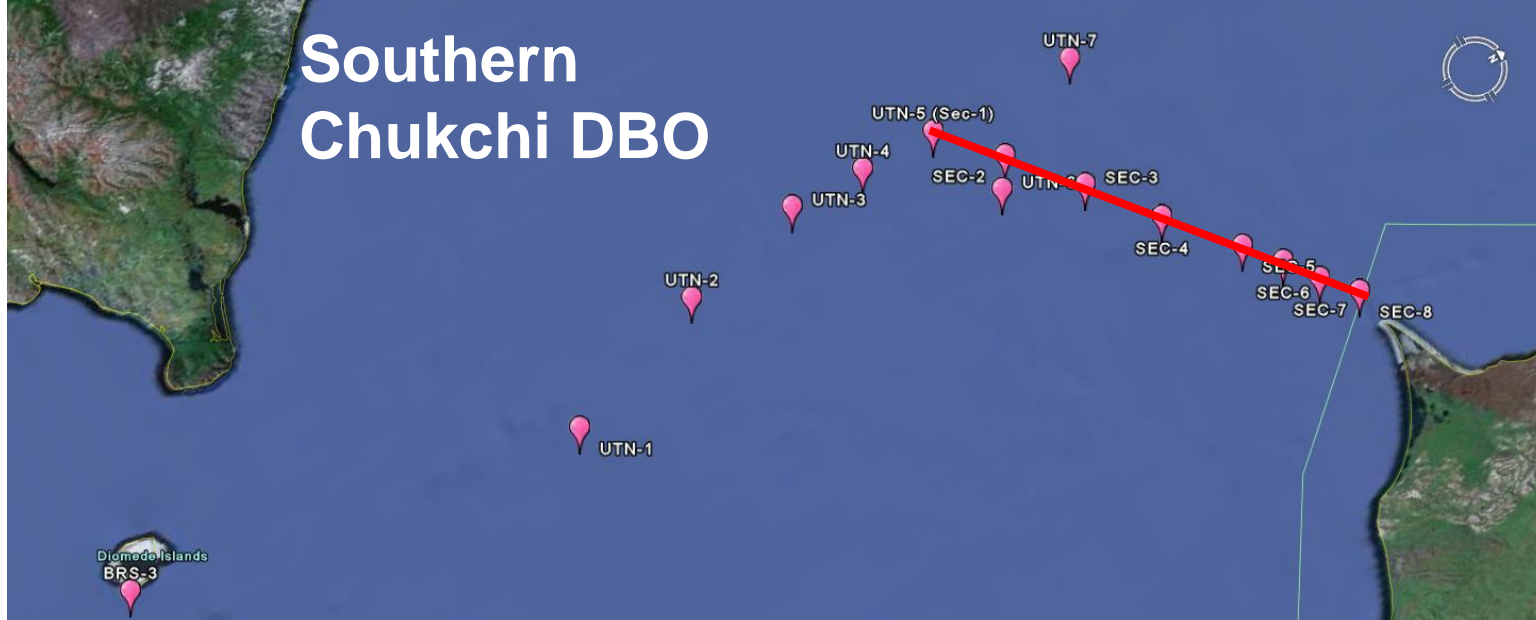
July every year



US Dept of State Geographer
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Southern Chukchi DBO



Diomedes Islands
BRS-3

Pointer: 67°02'21.39" N 167°41'45.71" W elev: 0 m

Barrow Canyon DBO



BarC-1
BarC-2
BarC-3
BarC-4
BarC-5
BarC-6
BarC-7
BarC-8
BarC-9
BarC-10

Image ©2007
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Strasburg, VA 22154

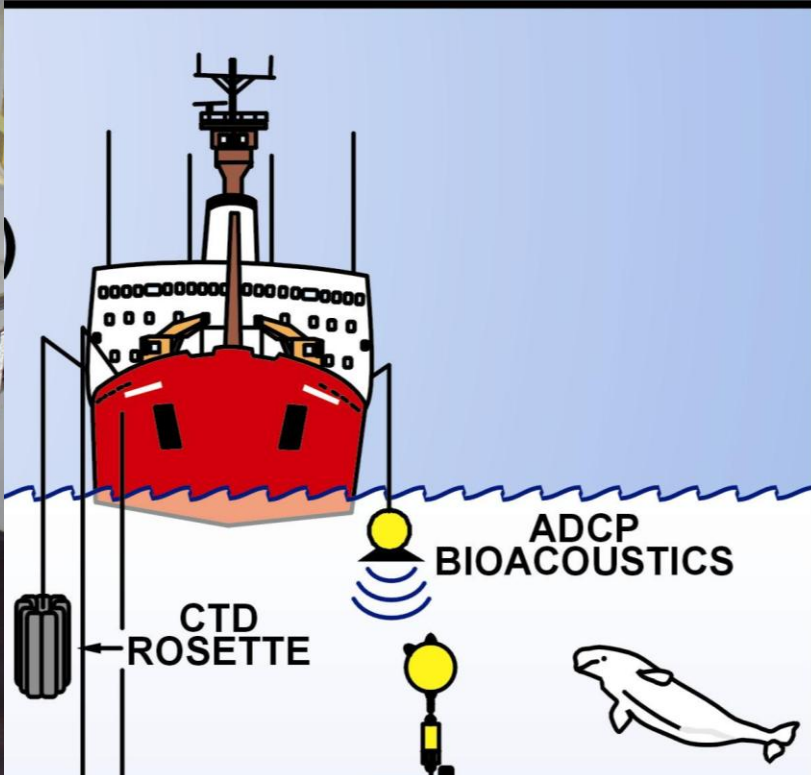
©2007 Google™

Pointer: 70°54'30.00" N 148°20'44.42" W elev: 20 m

Explorer: 315.031

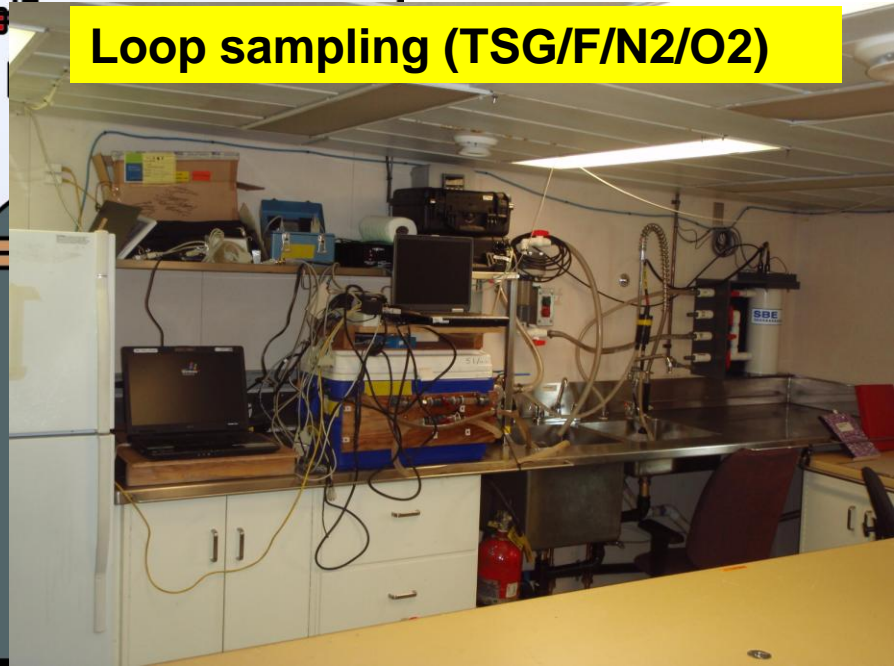
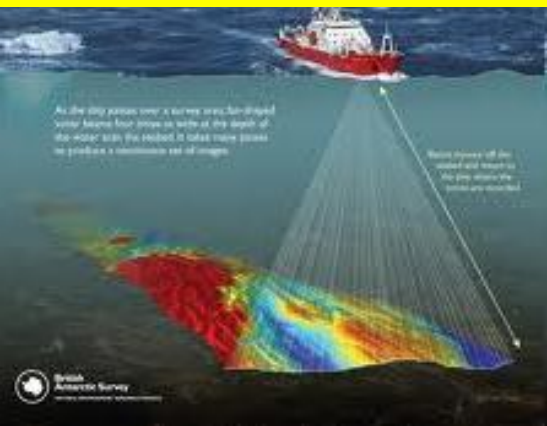


CTD/Rosette

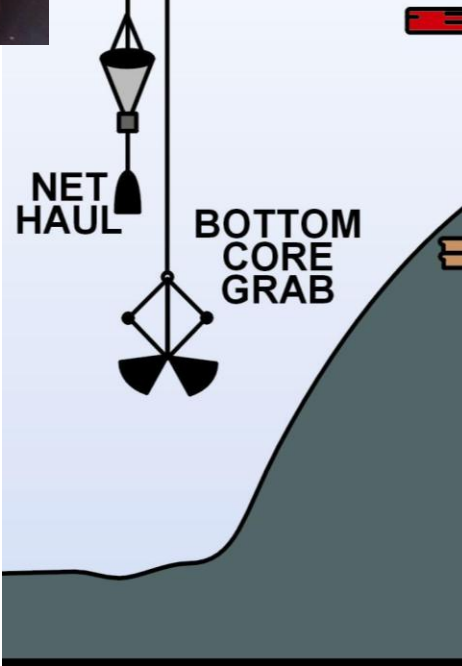


150kHz ADCP

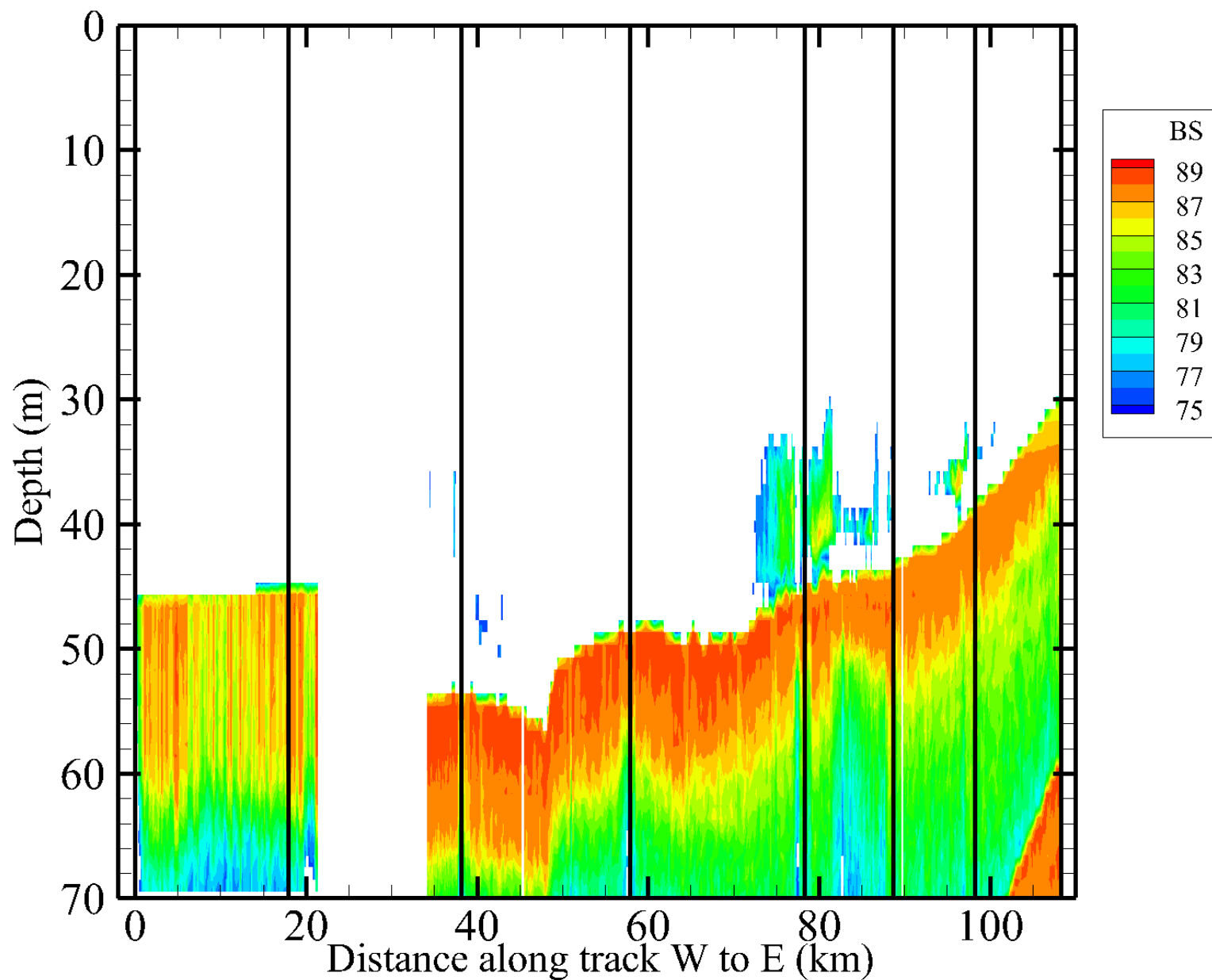
12 kHz backscatter sonar



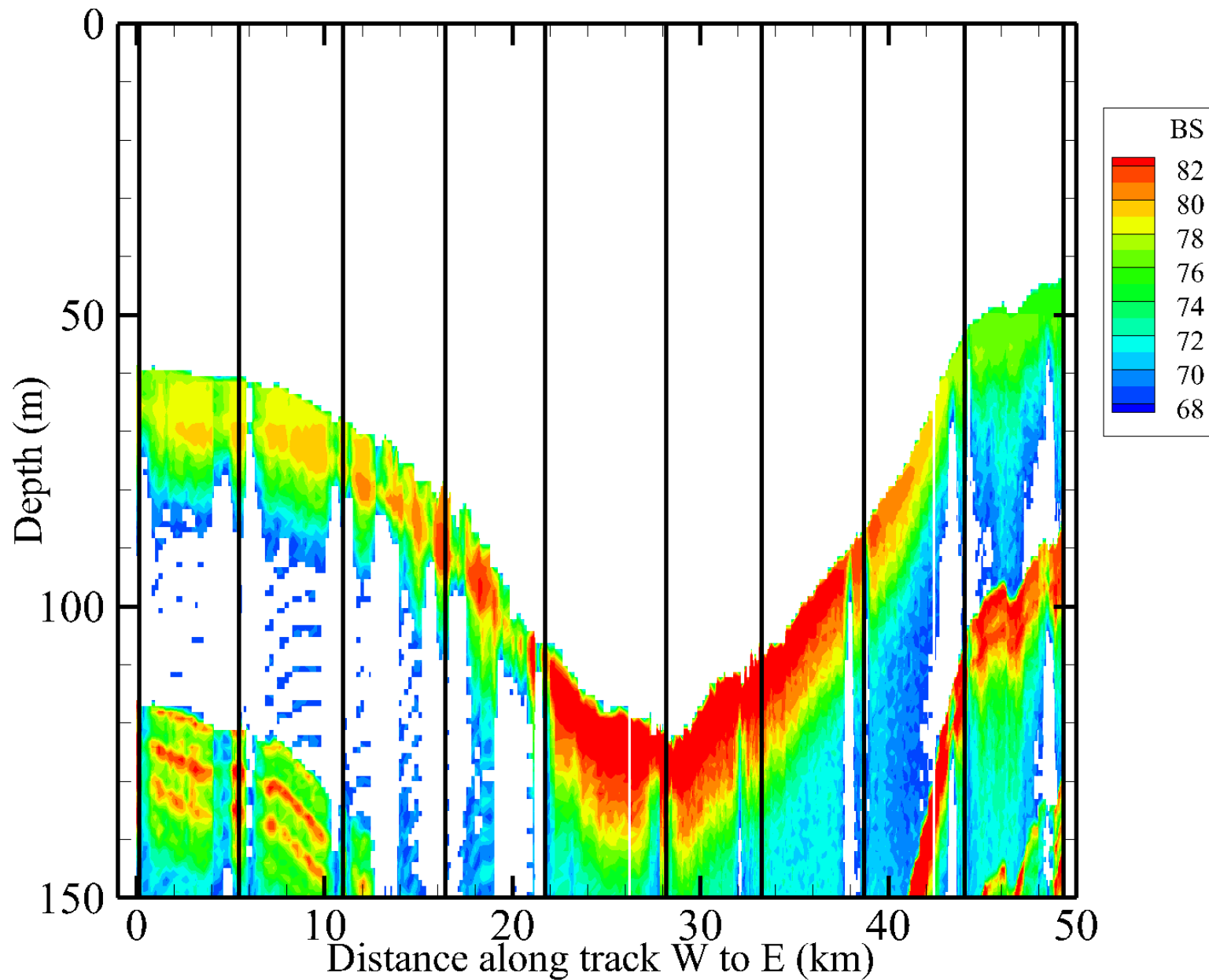
Loop sampling (TSG/F/N2/O2)



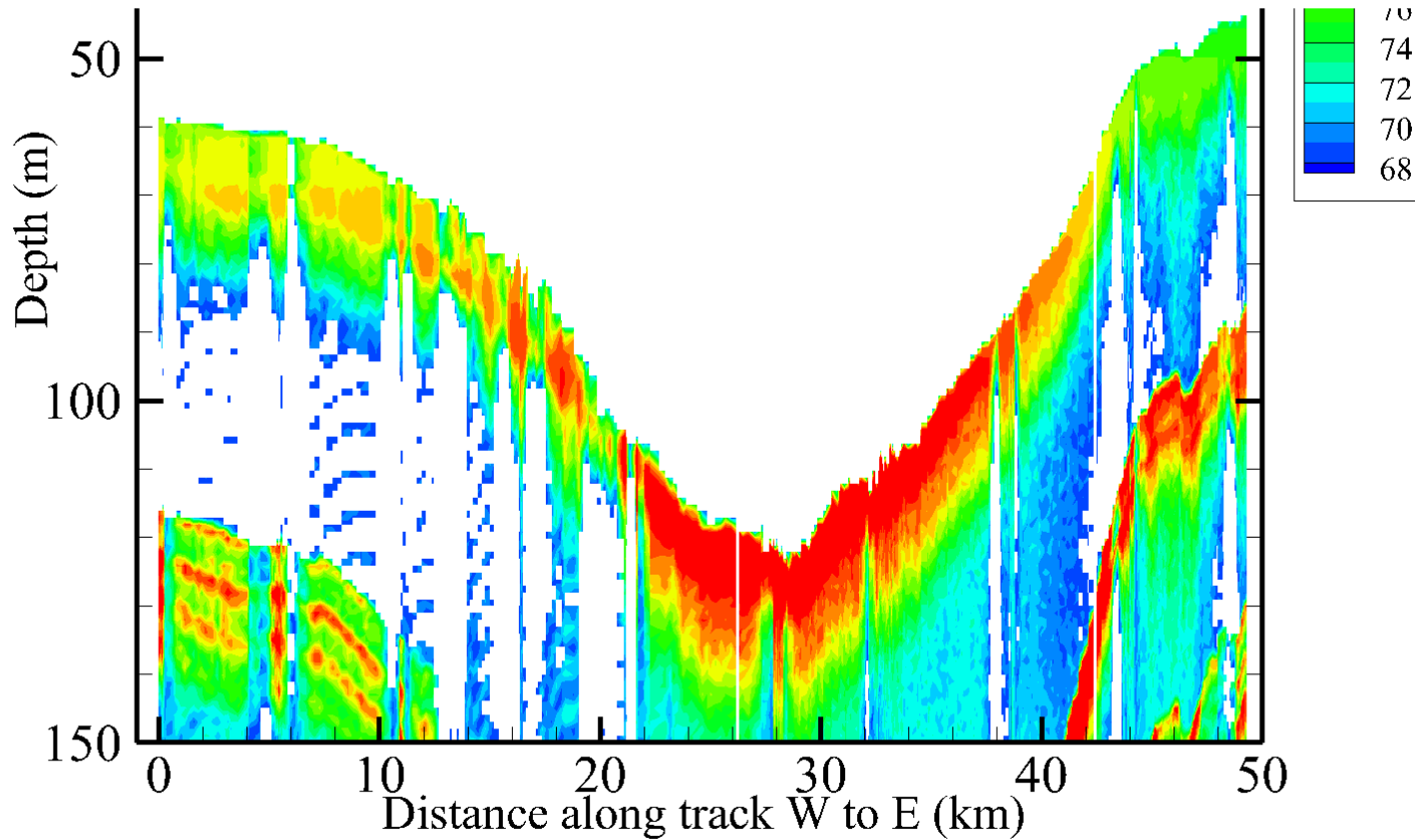
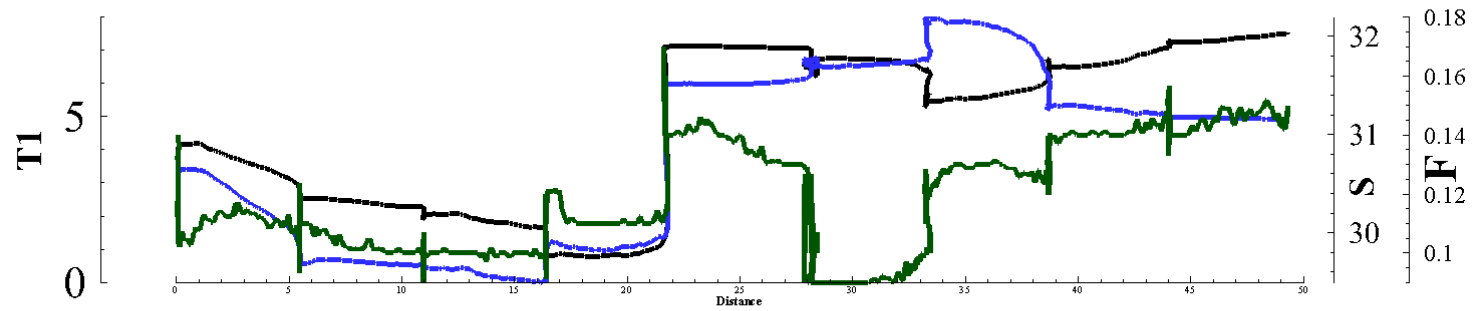
12kHz bottom backscatter, Southern Chukchi, DBO, 2011



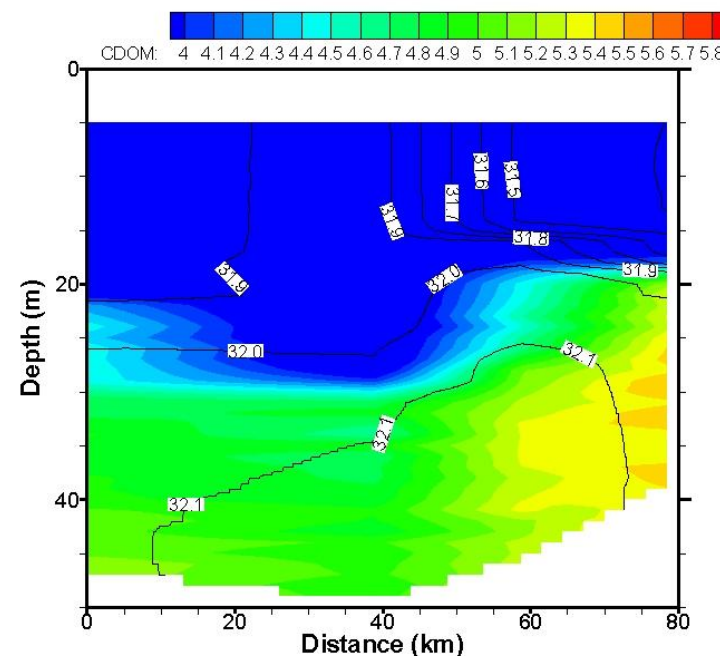
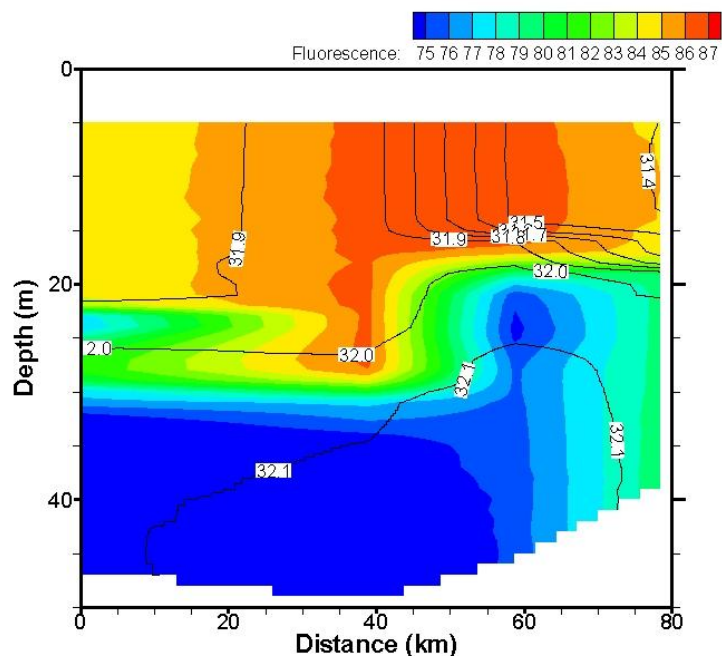
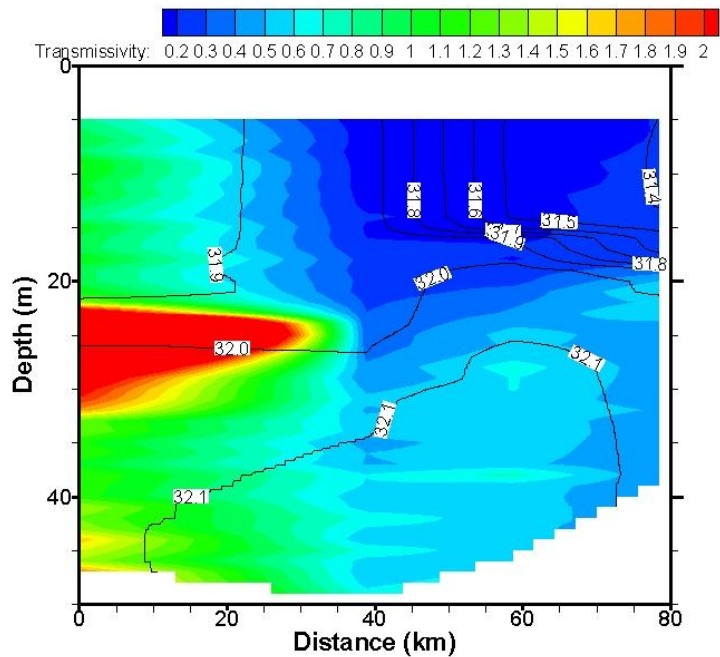
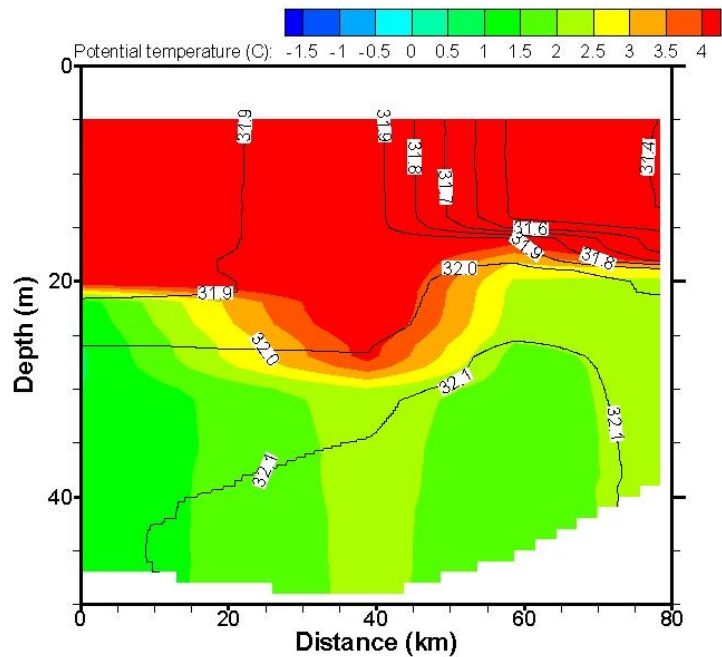
12kHz bottom backscatter, Barrow Canyon, DBO, 2011



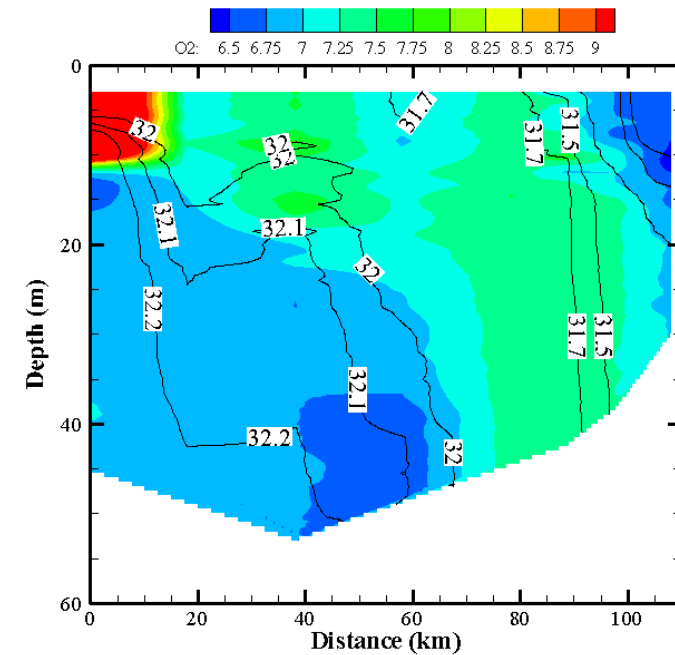
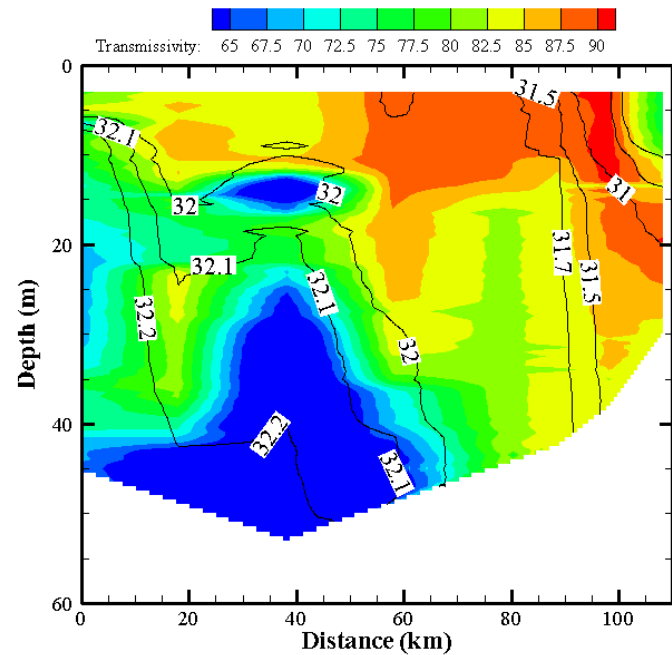
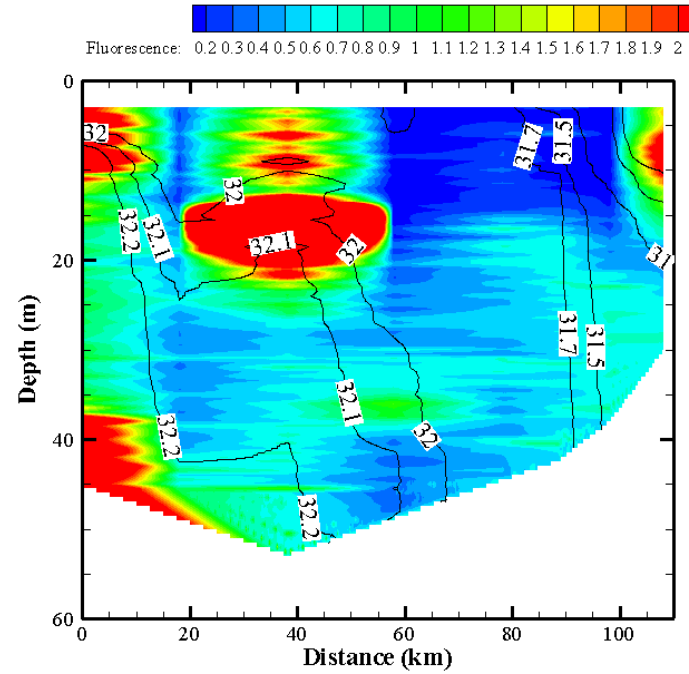
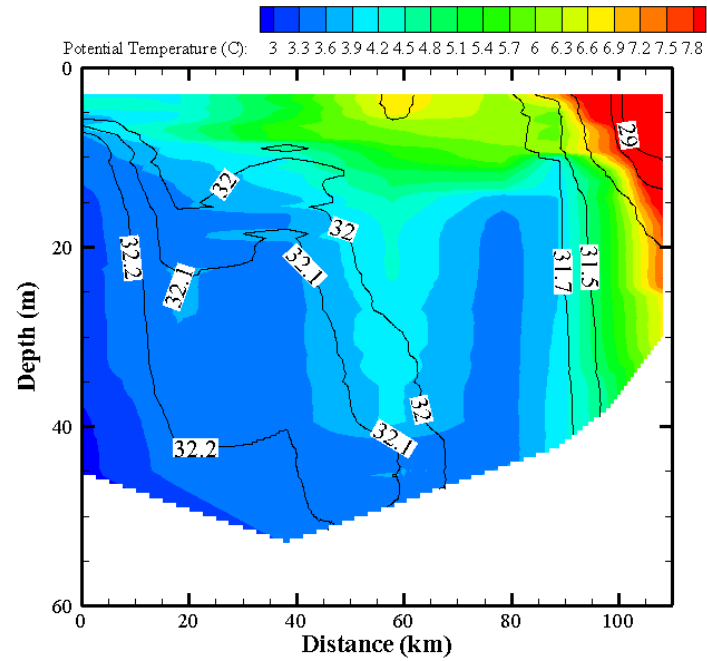
Thermosalinograph, Barrow Canyon, DBO, 2011



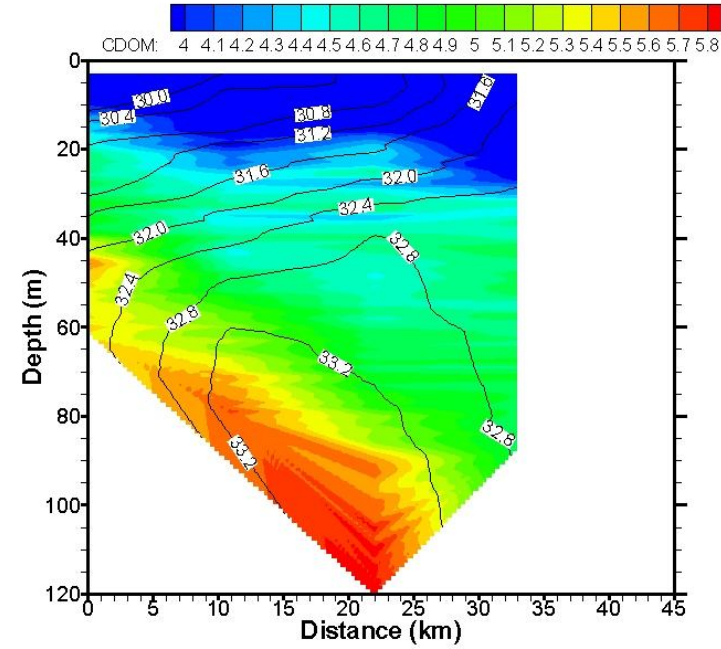
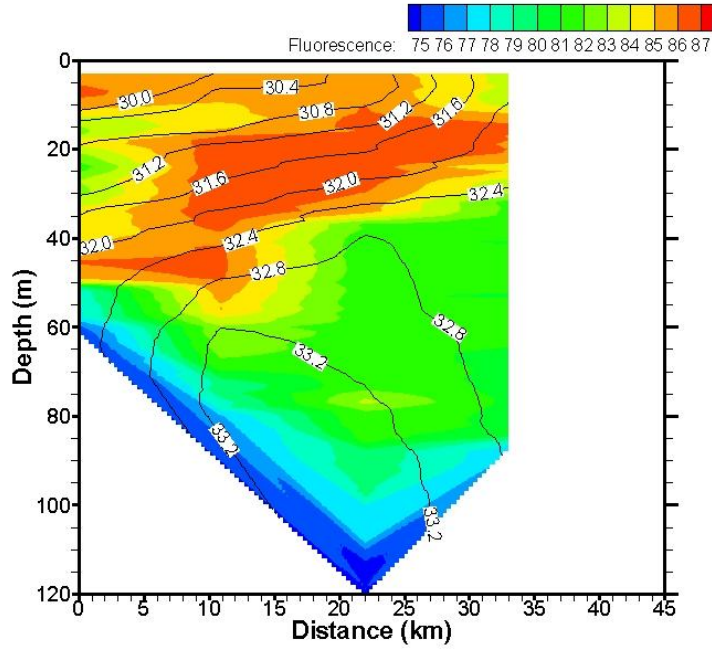
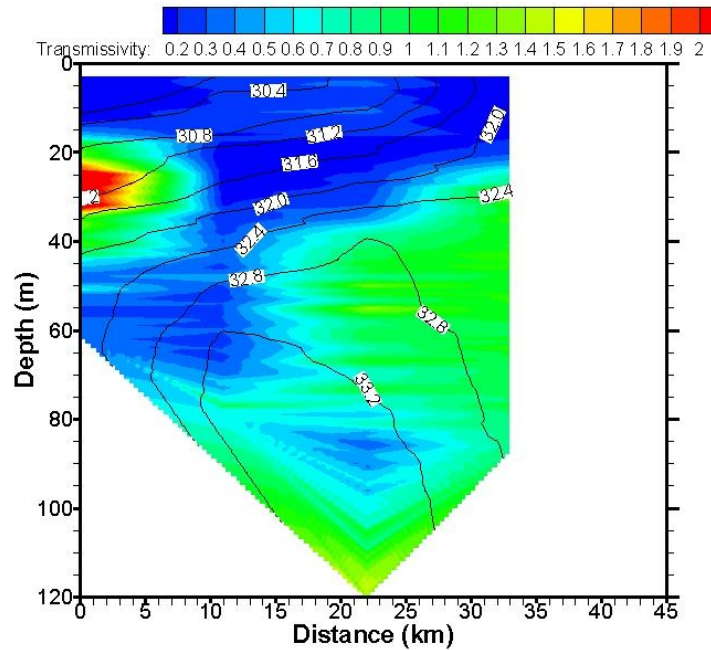
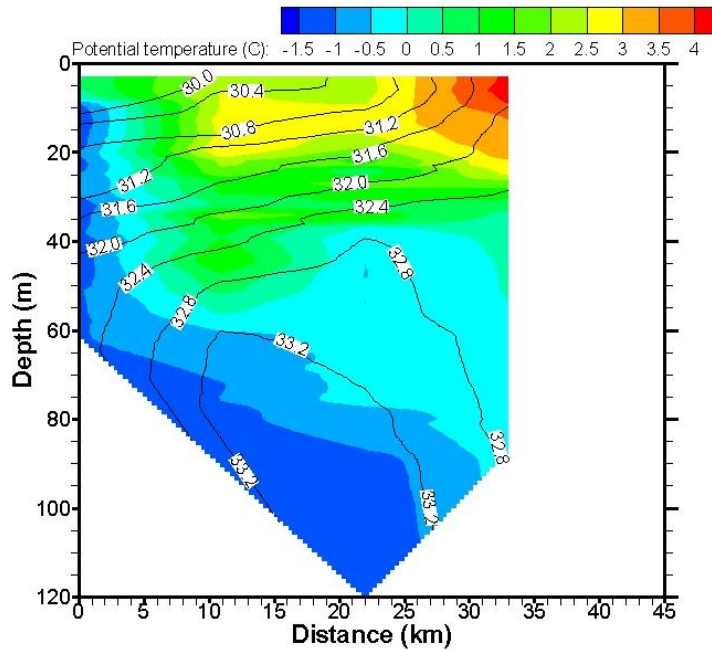
Southern Chukchi Sea (SCS) Transect SWL 2010-05



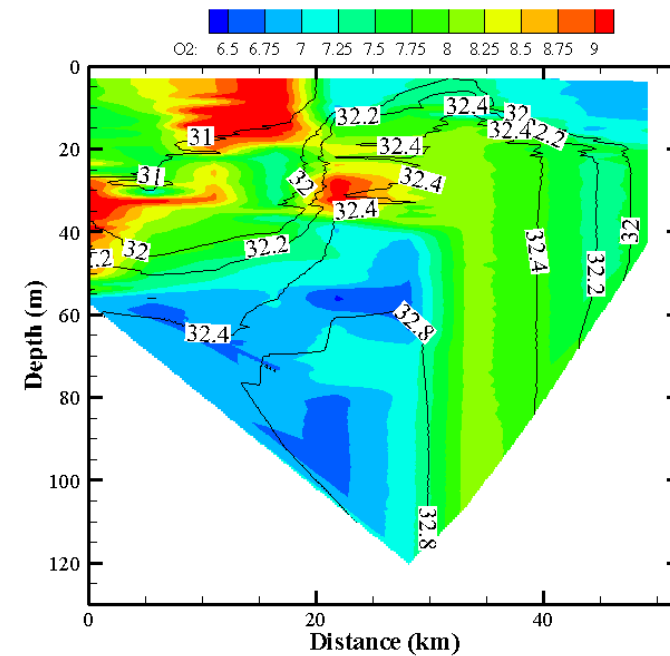
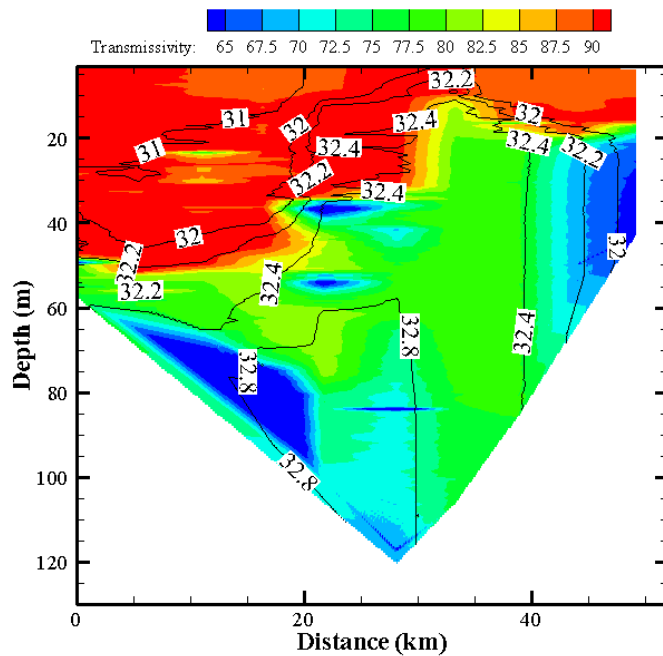
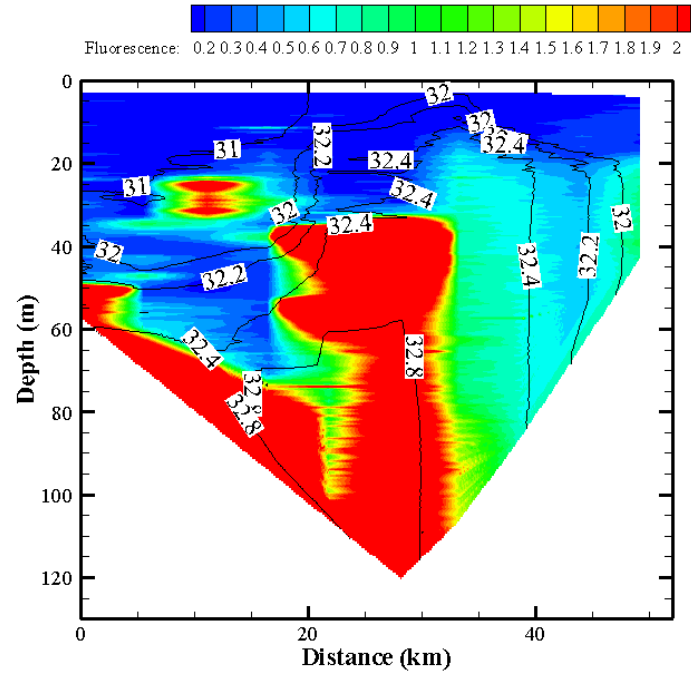
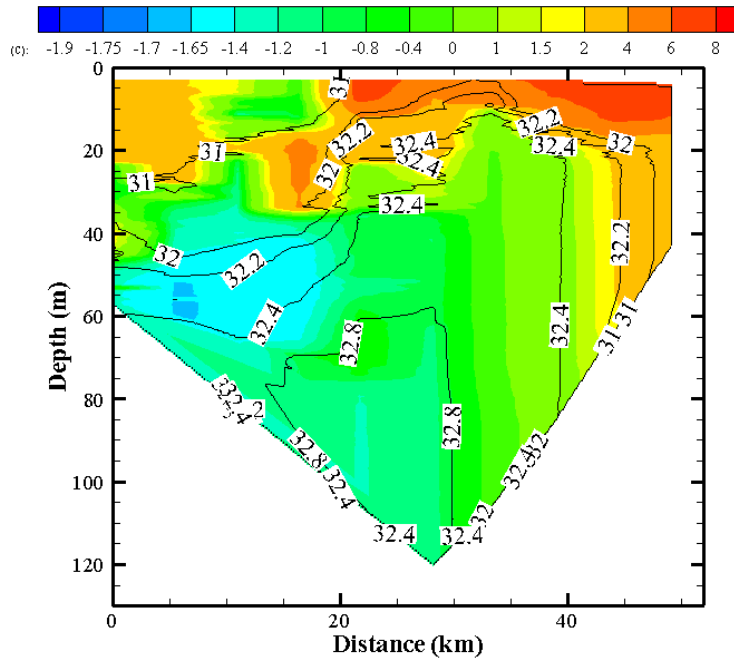
SE Chukchi Sea Transect SWL 2011-18, July 18



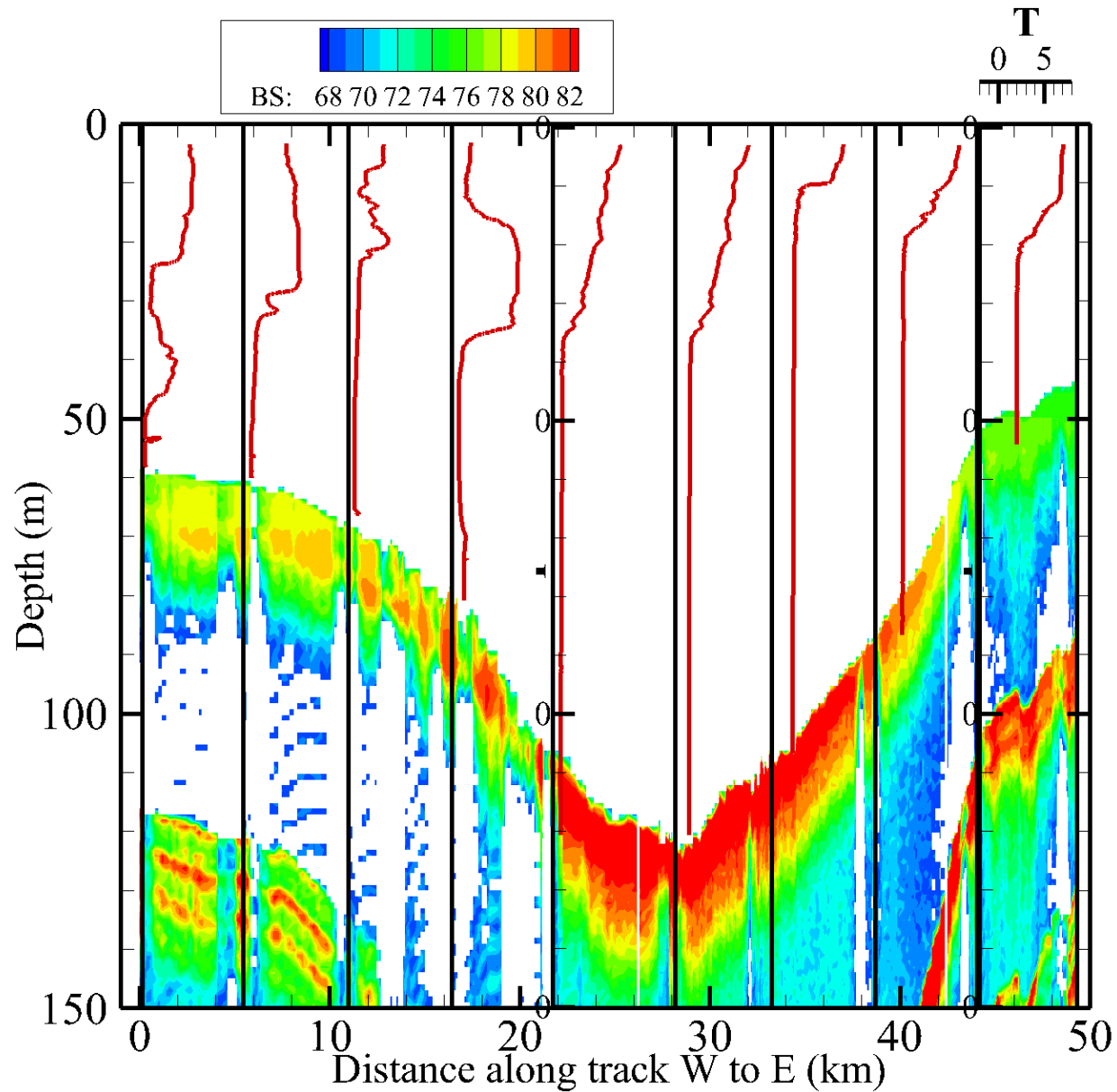
Barrow Canyon Transect SWL 2010-05



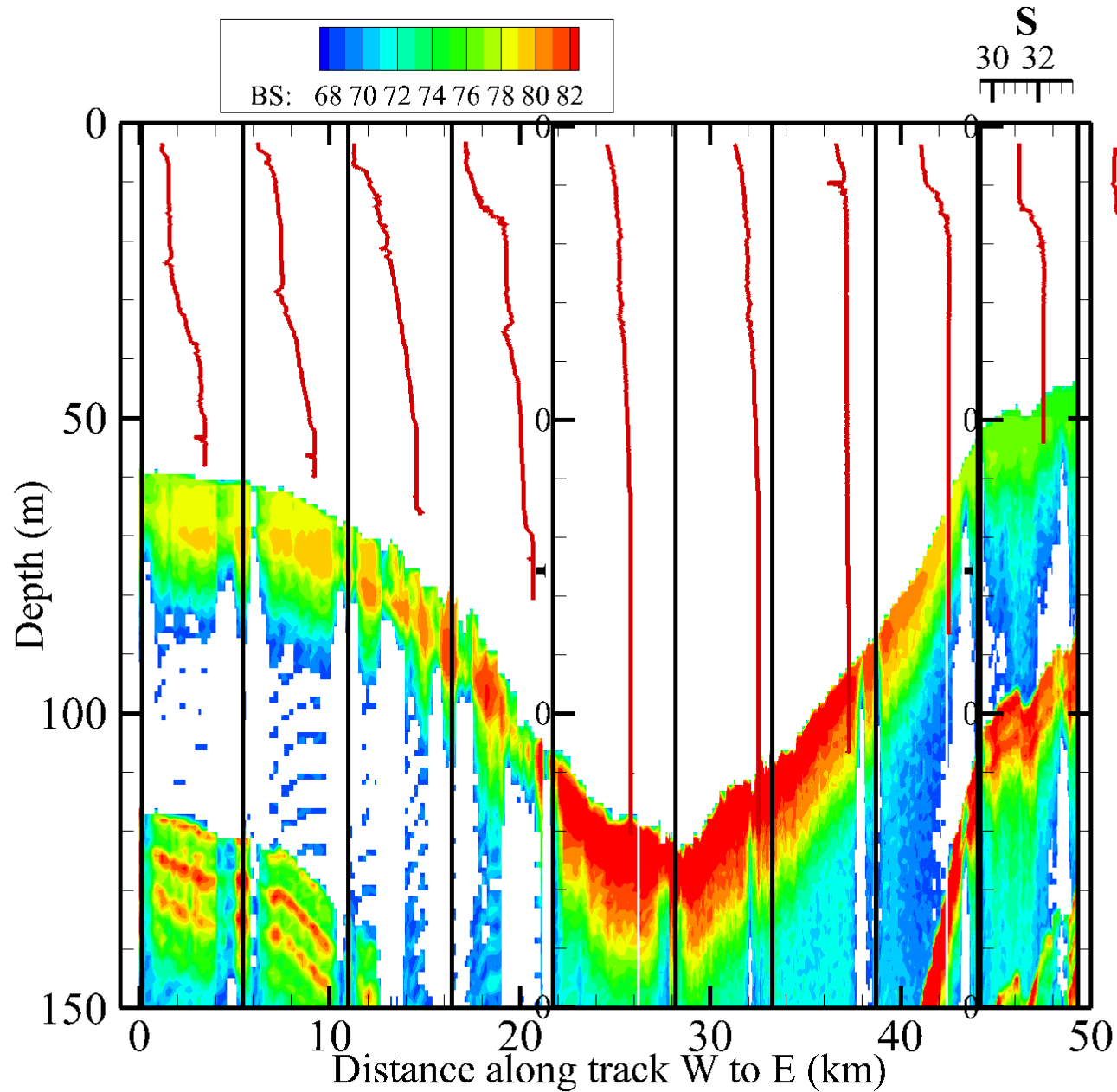
Barrow Canyon Transect SWL 2011-18, July 20-21



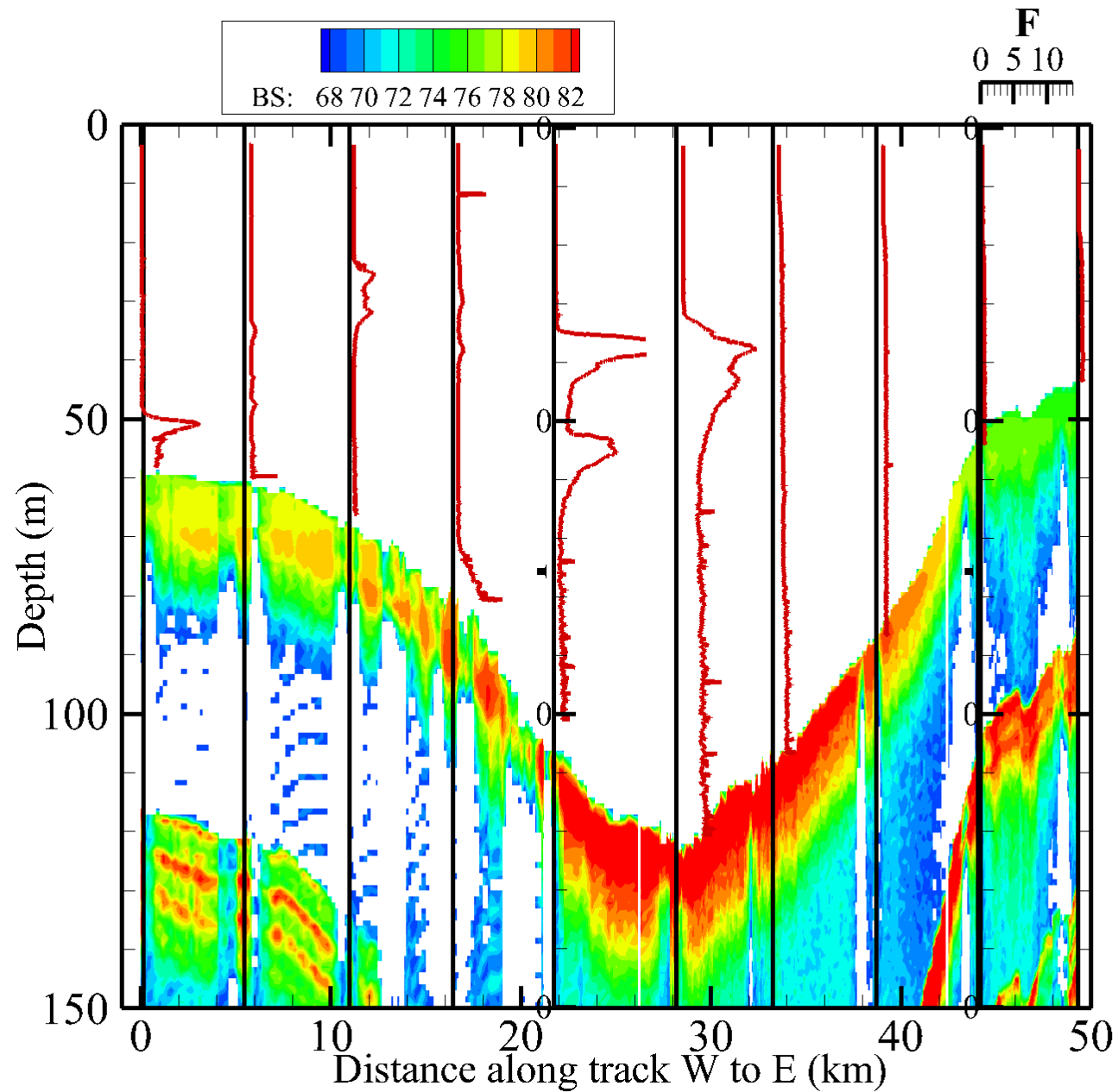
CTD temperatures, Barrow Canyon, DBO, 2011



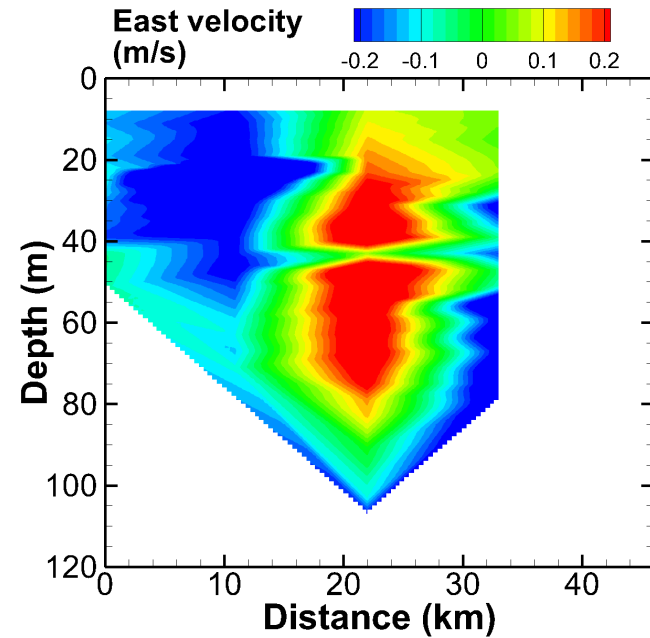
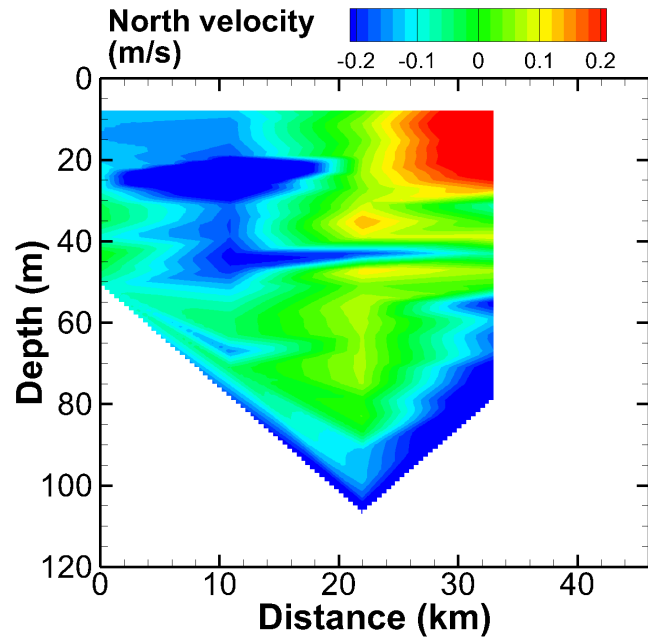
CTD salinities, Barrow Canyon, DBO, 2011



CTD fluorescence, Barrow Canyon, DBO, 2011

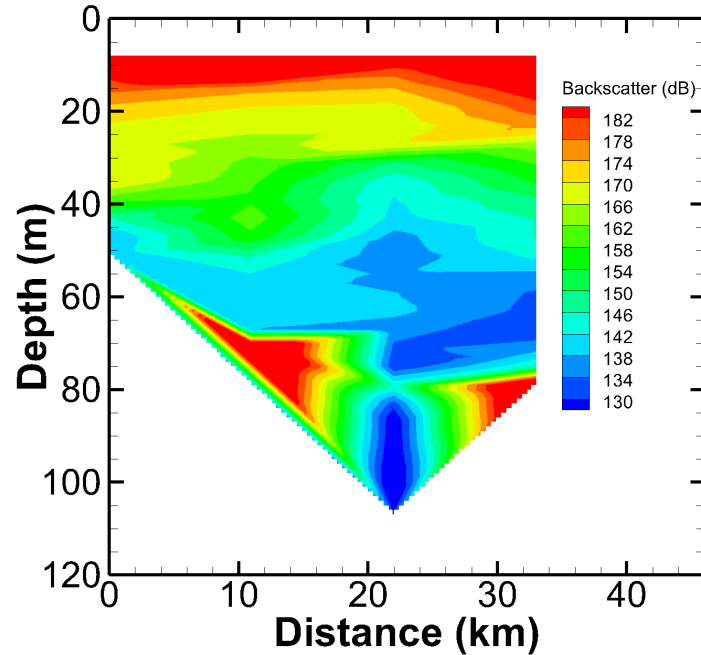


ADCP currents, Barrow Canyon, DBO, 2010

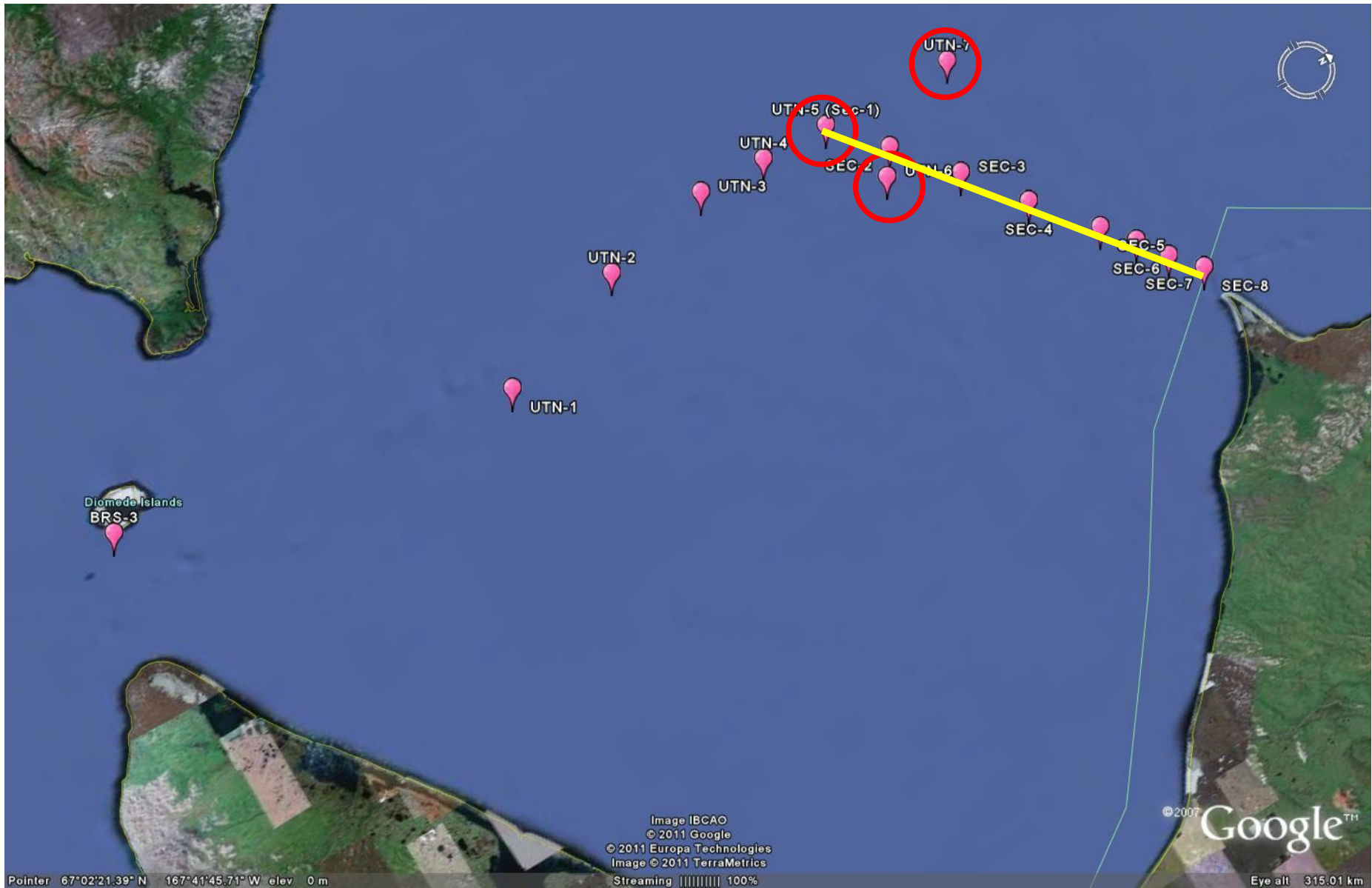


Barrow Canyon 150 kHz
ADCP data.

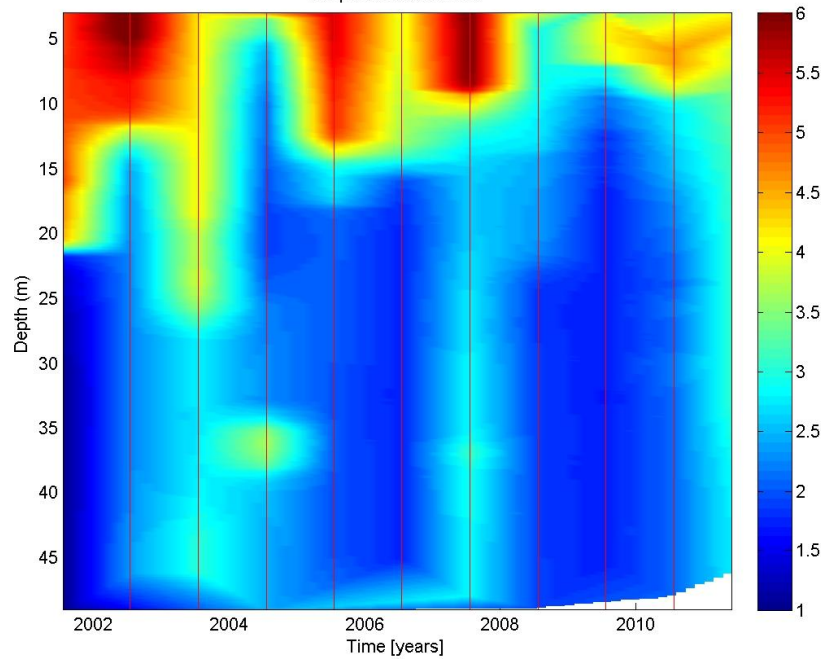
SWL 2010-05



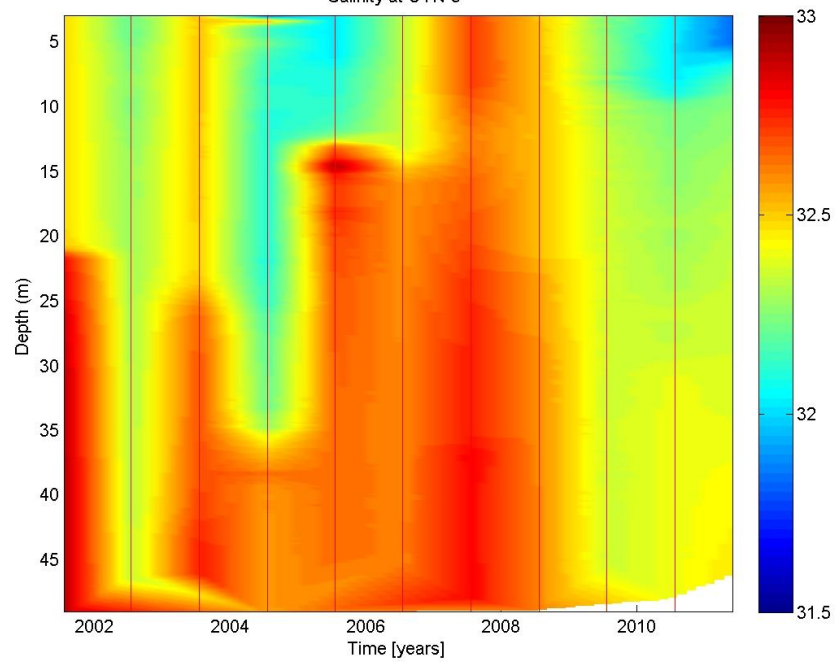
Long-term measurements along Southern Chukchi DBO line 2001-2011



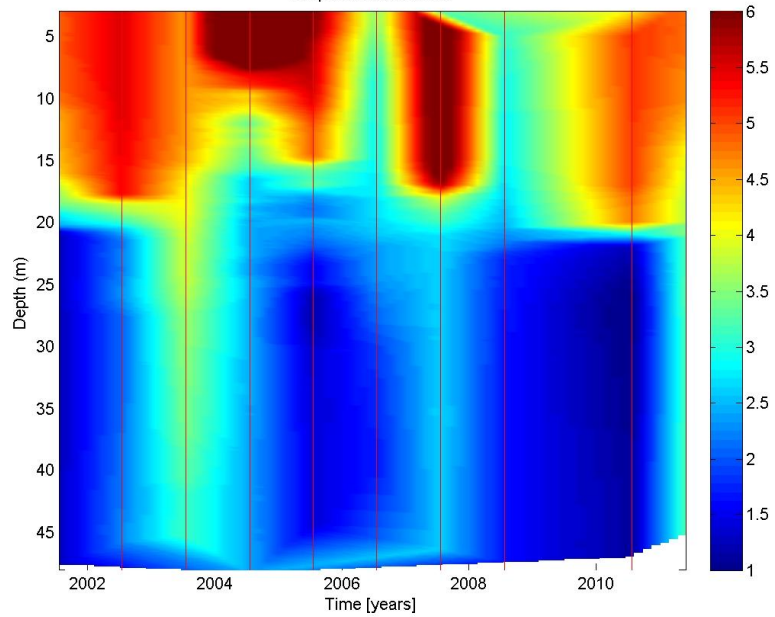
Temperature at UTN-5



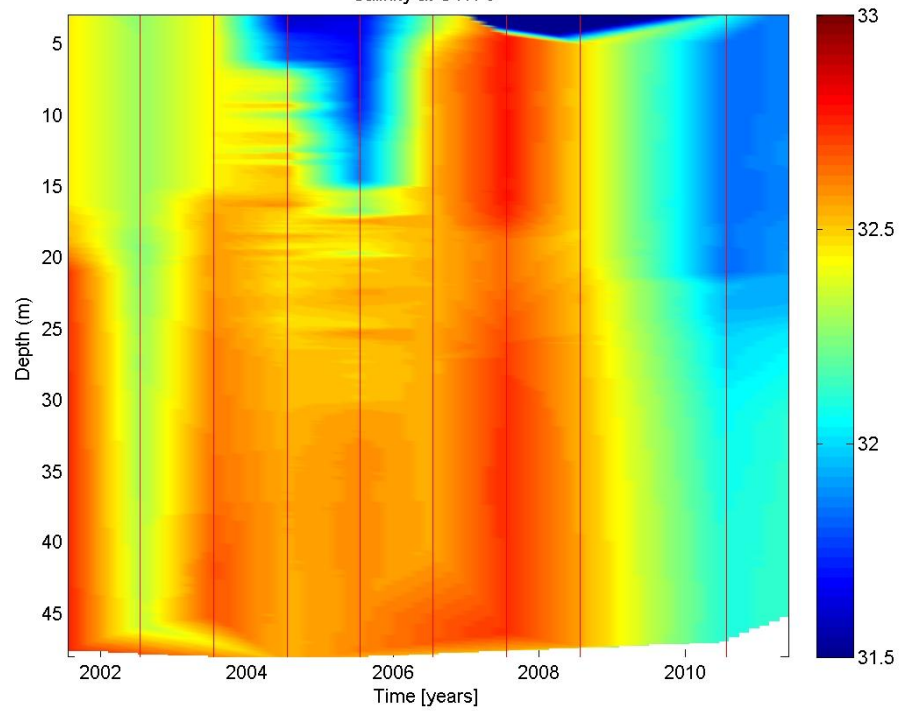
Salinity at UTN-5

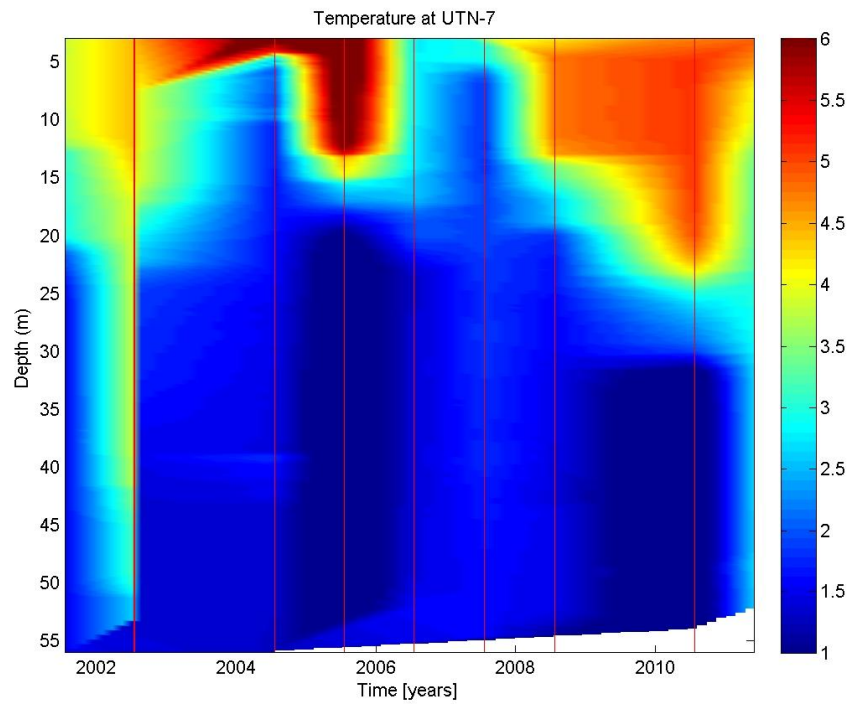


Temperature at UTN-6



Salinity at UTN-6





THANK YOU

