



NOAA Teacher at Sea
Patti Connor
Onboard NOAA Ship ALBATROSS IV
July 31 – August 11, 2006

NOAA Teacher At Sea: Patti Connor

NOAA Ship: **ALBATROSS IV**

Mission: Sea Scallop Survey

Day 5 at sea: Friday, August 04,
2006

Data: (collected mid-morning)

Air temperature = 17 C⁰
(62.6 F⁰)

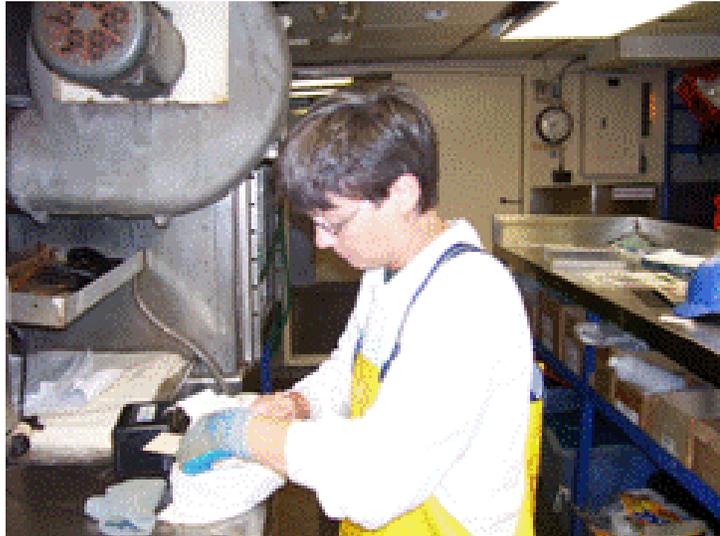
Water temperature = 19.2 C⁰
(66 F⁰)

Weather = hazy

Depth of trawl = 85 meters
(remember, a meter and a yard
are pretty close)

Water salinity = 31.06 ppm

Wind speed = 10.56 knots



I am working in the Biology Lab which is located on the back deck of the ALBATROSS IV

Science and Technology Log

The 12 hour shift is going very well. It is a little cooler out here than I expected, but the water temperature does affect the air. It is quite foggy today as we continue to travel northeast around Georges Bank. We have been in a little deeper water today, and have collected fewer scallops but we continue to bring in fish and many broken mollusk shells.

Surprisingly, we brought up more algae than before even though the water is deeper. The main fish we are collecting are: Flounder, Hake, Skates, Sculpin, and Goosefish (also know as Monk Fish). I will be sending some pictures of the fish as well as some more invertebrate pictures.

Personal Log

I miss being at home and respect those who are at sea working. It is demanding work, but when the sun rises over the water it is an impressive site and makes everything seem worthwhile. I wouldn't care to be out here in the winter, but the boat and crew are except for a few weeks of the year. Next time we have a snow day, I'll be thinking of my friends out here on the boat in howling winds.

Today we had a little time between dredging so I was able to come up with several new labs for next year. My students will have a few new labs for our Under The Sea Unit. We will have some fish, and reptile (Sea Turtle) identifications to make using taxonomic

keys. I am also working on a Squid dissection lab in addition to the Starfish dissection lab. Of course there will be a lab on Scallops (no, we are not going to eat them!).

**Invertebrate identification from previous log = Echinoderms (Sunstars), and
Vertebrate identification = Me!**



What invertebrate is this? Look at the number of shells. What are the small black spots?