



**NOAA Teacher at Sea
Susie Hill
Onboard NOAA Ship ALBATROSS IV
July 23 – August 3, 2007**

NOAA Teacher at Sea: Susie Hill

NOAA ship ALBATROSS IV

Mission: Sea Scallop Survey

Date: July 28, 2007

Time: 9:30 a.m.

North Atlantic Ocean

Weather Data from the Bridge

Air Temperature: 21.4° C

Sea Temperature: 19° C

Relative Humidity: 100%

Barometric Pressure: 1013.6 millibars

Wind Speed: 10.78 knots

Water Depth: 62.4 meters

Conductivity: 44.76 mmhos

Salinity: 32.58 ppt

Science and Technology Log

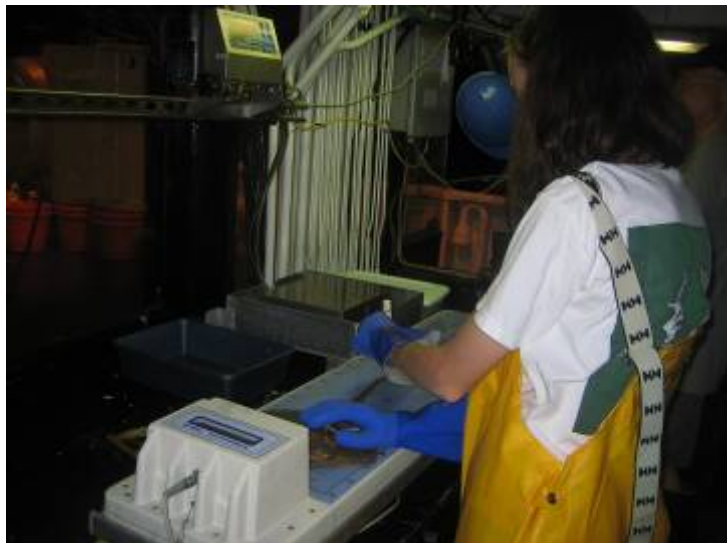
I am completely exhausted!

We had about 12-14 stations almost back to back last night.

Down on your knees picking through the sort to find scallops and fish to back bending of lifting up full baskets and cleaning the deck, I'm tired. It was loads of fun, though. We went from collections of sand dollars to big scallops, quahogs (clams), flounders, big sea stars, and sticky, slimy skates.

When the scallops, flounders and skates come in, we weigh them on a scale and then measure their length and count them using the Fisheries

Scientific Computer System (FSCS). It's pretty cool how it works. You lay the species on



Here I am measuring a skate using the FSCS system.

the electronic board, and it gets measured by us using a magnetic stick to mark it. Once marked, the measurement goes right into the computer as well as counts it. One station, we counted 788 scallops! That is a lot, but they say there's more where that came from!