



**NOAA Teacher at Sea**  
**Susan Just**  
**Onboard NOAA Ship OREGON II**  
**June 14 – June 30, 2006**

**NOAA Teacher at Sea:** Susan Just  
NOAA Ship Oregon II  
Mission: Summer Groundfish Survey  
Day 10, Saturday, June 24, 2006

**Weather Data from Bridge**

Visibility: 10 nautical miles (nm)  
Wind direction: 153 °  
Wind speed: 09  
Sea wave height: 1-2  
Swell wave height: 2  
Seawater temperature: 27.6  
Sea level pressure: 1014.8  
Cloud cover: 4/8 Cumulus

**Science and Technology Log**

This morning when we came on watch we were informed of a new procedure. We will now be keeping one specimen of each type caught along with a one species of skate. These will be placed together in a plastic bag and returned to the lab for further study. There is a relationship study being conducted.

A Hemingway fish was waiting for us this morning too. It is red all over and has big poofy cheeks. It is interesting to look at and this one was about thirteen (13) inches long.

The catches today were much smaller than the previous night. By morning we were not catching many shrimp at all.

**Personal Log**

I had a much better time today. It was possible to get all the work done without rushing and we were also able to keep the baskets and the lab relatively clean. When the mud gets thick, the place takes on a bad smell that becomes oppressive. It is important to maintain a constant vigilance on the fish odor to keep the bacterial buildup under control.

**Question of the Day**

During what part of any twenty-four hour period can you expect to catch the most shrimp?

Answer: The dark time. The shrimp hide in the mud during the day and come out to feed in the dark when the predators are not able to see them as easily.