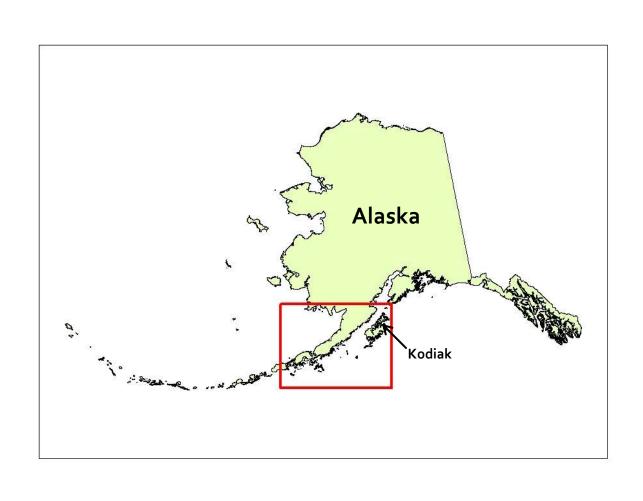




Small-mesh shrimp and forage fish trawl survey in the Gulf of Alaska

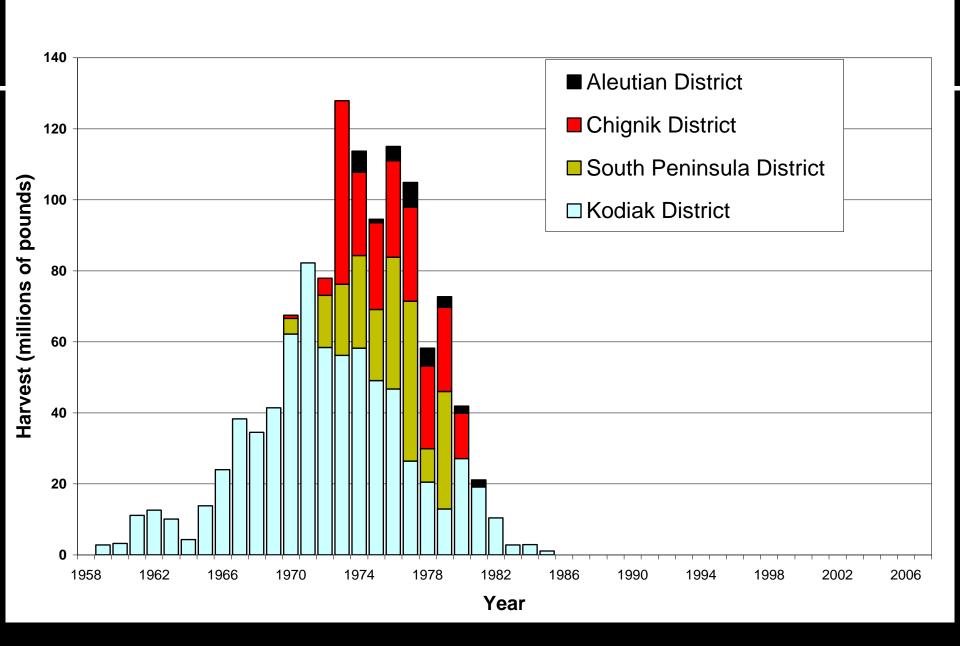


Survey location

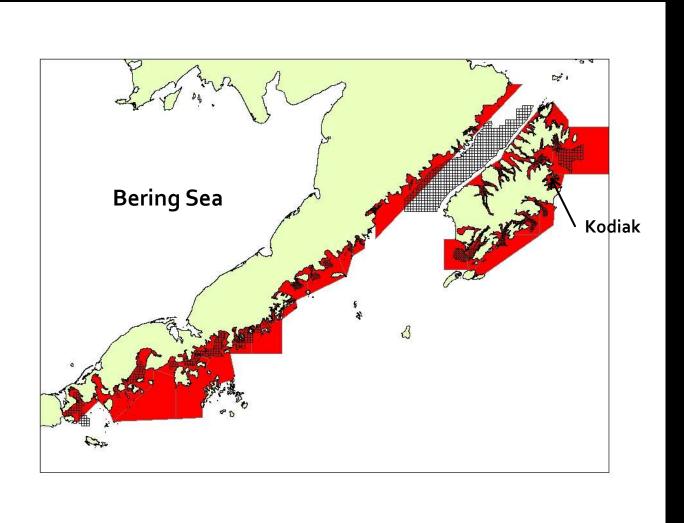


Survey Objectives

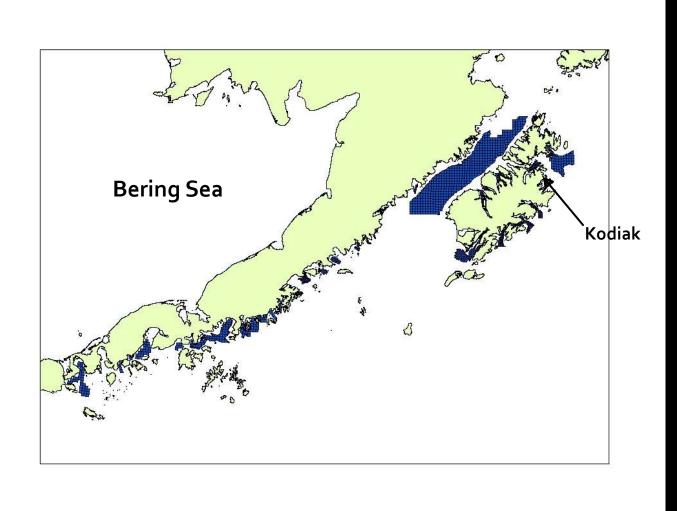
- Compare relative abundance of shrimp to recent and historic survey data to make inferences about population trends.
- Determine species composition of the catch by haul and survey area.
- Obtain length frequency distributions for commercially important shrimp and fish species.
- Obtain composite samples of predominate shrimp species for each bay surveyed and analyze each sample for sex and length frequency.
- Generate density estimates for forage fish species from the areas trawled.
- Collect stomachs from 7 species for NMFS.



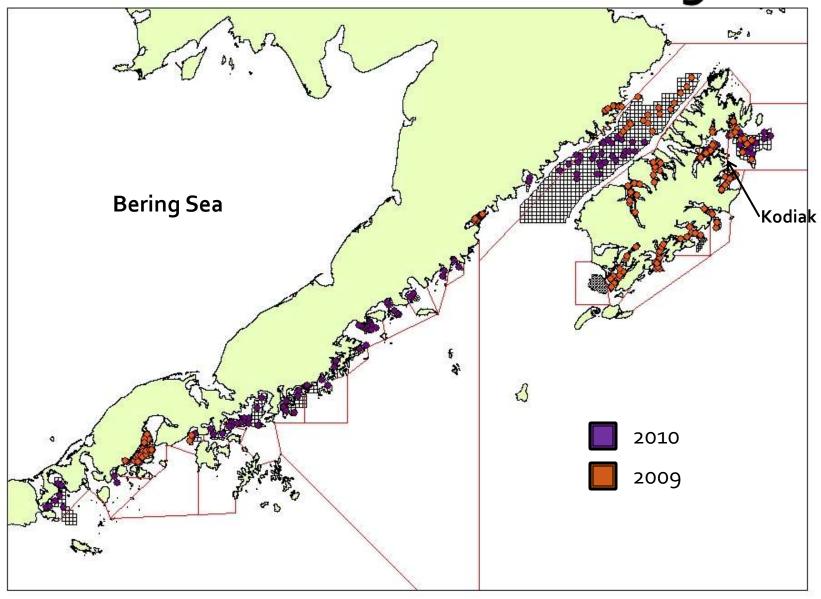
Closed shrimp fishing sections



Survey stations



Tow locations in 2010 and 2009



R/V Resolution











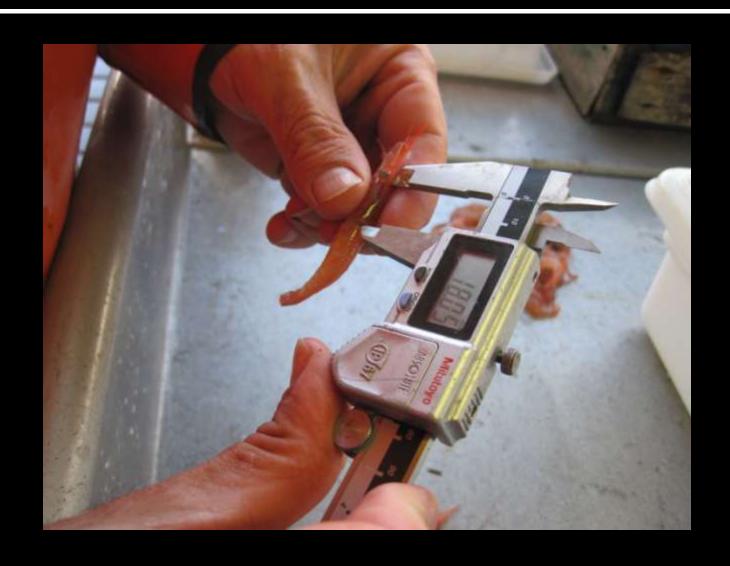






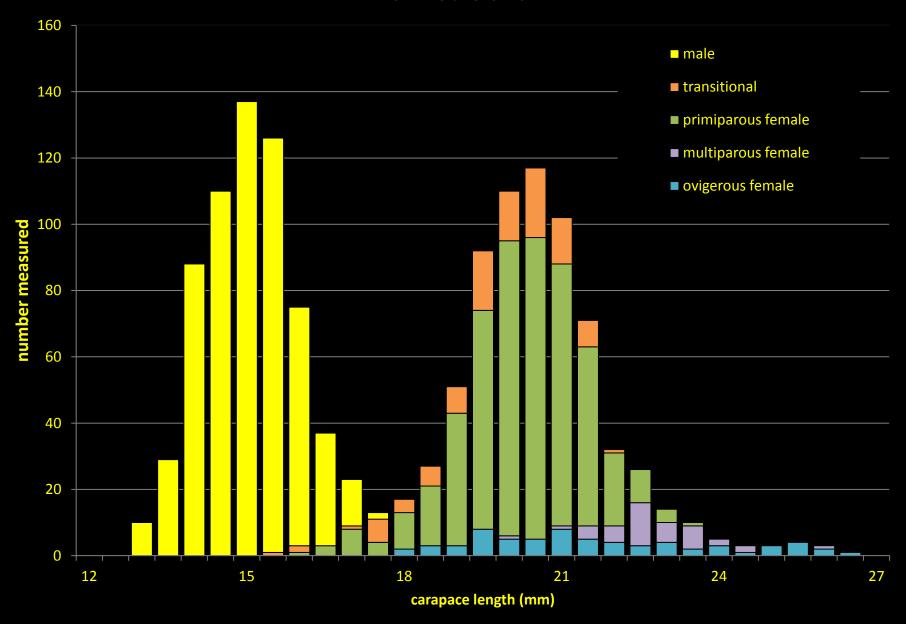


Shrimp measurement





Marmot Island



Trawl survey catch over time

Grouped Species Proportion, 1974-2006

