



A full codend of fish is dumped into the hold of a catcher-processor. Catches of catcher-processors in the North Pacific groundfish fishery are closely monitored by NMFS-certified observers. These observers provide NMFS information to support sound fisheries management. (Anthony Kittel/NOAA)

Shipboard Observing Systems: Using Instruments and Humans

A Roundtable Discussion held in conjunction with the Alaska Marine Science Symposium

When Tuesday, January 22, 7 - 9:30pm

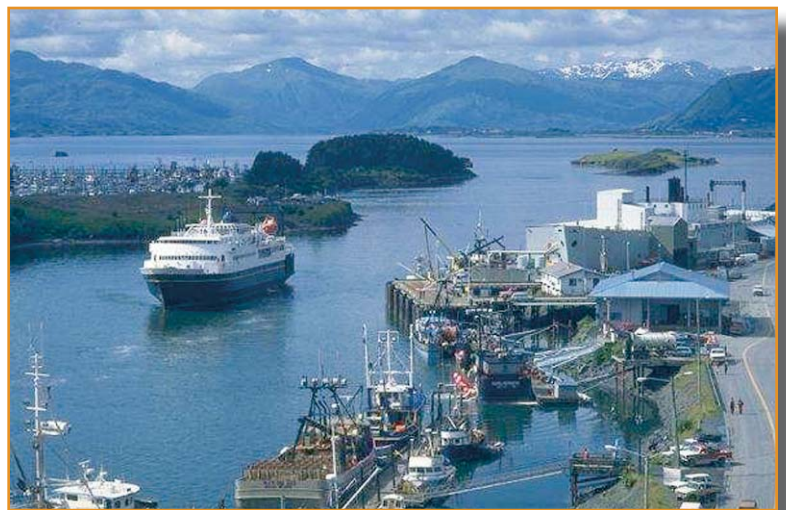
Where Hotel Captain Cook, Aft Deck

What

- ▣ Find out what programs are available
- ▣ Get your questions answered
- ▣ Brainstorm on how to take better advantage of opportunities in Alaska

Who should attend?

- ▣ Scientists, boaters, shippers, fishermen, others interested in how to better use ships to improve monitoring in Alaska's waters



M/V Tustumena in Kodiak. (Tom Watson)

Instrumented Systems

- ▣ National Weather Service Volunteer Observation Ships (VOS) Program
- ▣ Marine Exchange of Alaska
- ▣ *Tustumena* Ferry Box
- ▣ International Seakeepers Association

Discussion Leaders

- Molly McCammon (AOOS)
- Paula Cullenberg (Alaska Sea Grant)
- Larry Hubble (NOAA National Weather Service)

Human Observing Systems

- ▣ NMFS North Pacific Groundfish Observer Program
- ▣ NMFS Sea State

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