

## **Bering Sea Integrated Ecosystem Research Project: Format for Semiannual Progress Reports**

**Please Note:** Semiannual Progress Reports are due on October 1 or April 1 (whichever comes first) after the contract start date, and then every semester thereafter until the contract is completed. If the first report comes due before substantial progress has been made, please just note that in your initial report. If progress reports are delinquent, current and subsequent invoices will not be paid until programmatic requirements are met. Note that this report will be posted on the Board's BSIERP web site and is what Board members, the Science and Advisory Panels, other researchers and the public will see as representational of your research and its quality.

Email electronic copy to tvanpelt@nprb.org using **this subject line format:**  
**BSIERP Project XXX Progress Report**  
If you have questions, please contact Thomas Van Pelt at (907) 644-6715 or tvanpelt@nprb.org

**[Please be concise; aim for 2-5 pages depending on the scope of your project]**

**Project #: B90**

**Title: Fish surface trawl survey acoustics**

**Principal Investigator(s) and Recipient Organization(s):**

PI: Dr. Edward Farley (ed.farley@noaa.gov)  
Alaska Fisheries Science Center  
Auke Bay Laboratories, Ted Stevens Marine Research Institute  
17105 Pt. Lena Loop Road  
Juneau, AK 99801

**Contract Period and Amount of Funding:**

**1 February 2008 to 31 December 2012**  
**Match Only**

**Report Period:**

**1 October 2008 through 31 March 2009**

**Report Date:**

**27 March 2009**

**Lead Author of Report:**

**Ed Farley**

**Proposed timeline and milestones within report period:**

- Plan 2009 Fall survey, including liaison with BSIERP data group; 2009

**Project Summary:** Provide platform and surface trawls to collect commercially important fish species and forage fish species (walleye pollock, Pacific cod, herring, sand lance, capelin) to determine their relative abundance, distribution, size, diet, and energetic status prior to winter. Hypothesis 1b,c

**Progress Summary:**

- A draft BASIS cruise plan was constructed during February 2009 and discussed among the FISH group. BASIS has 6 extra days on the R/V *OSCAR DYSON* than during 2008. The extra days allow for more coverage along the southeastern Bering Sea. (Figure 1).

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- The reduced BASIS survey (60 days at sea during 2007 to 27 days at sea during 2009) will not allow the FISH group (specifically, projects B59; B61; and B62) to address objectives related to northern (north of 60N) distribution of target fish species.

**Lessons learned and project adjustments:**

**Integration activity:** Fish catch and stomach content data from BASIS 2008 were distributed to collaborators within the FISH group. Fish samples for energetics were provided to Ron Heintz and catch data associated with acoustic target strength were provided to John Horne.

**Education and Outreach:** None so far.

**Next year's Work plan (not part of the 5 page target length):** At the end of your progress report, please update your work plan for the coming year. In particular, add detail for 2009. Contact Mike Sigler if you have any questions in regards to your work plan. Follow this template:

**BSIERP B90, Fish surface trawl survey acoustics**, Ed Farley, ed.farley@noaa.gov and 907-789-6085

2009-2012 Tasks, Assignments, Timeline

<i>What</i>	<i>Who</i>	<i>Start ( 2009)</i>	<i>Other key dates</i>
Plan 2009 Fall survey, including liaison with BSIERP data group	<b>Farley, Sigler, Clary, Horne, Heintz, Aydin</b>	January 2009	Complete plan during May
2009 Survey; DY 2009	<b>Farley, Eisner, Horne, Parker-Stetter</b>	Tentative dates: Sept 1 to 30, 2009	

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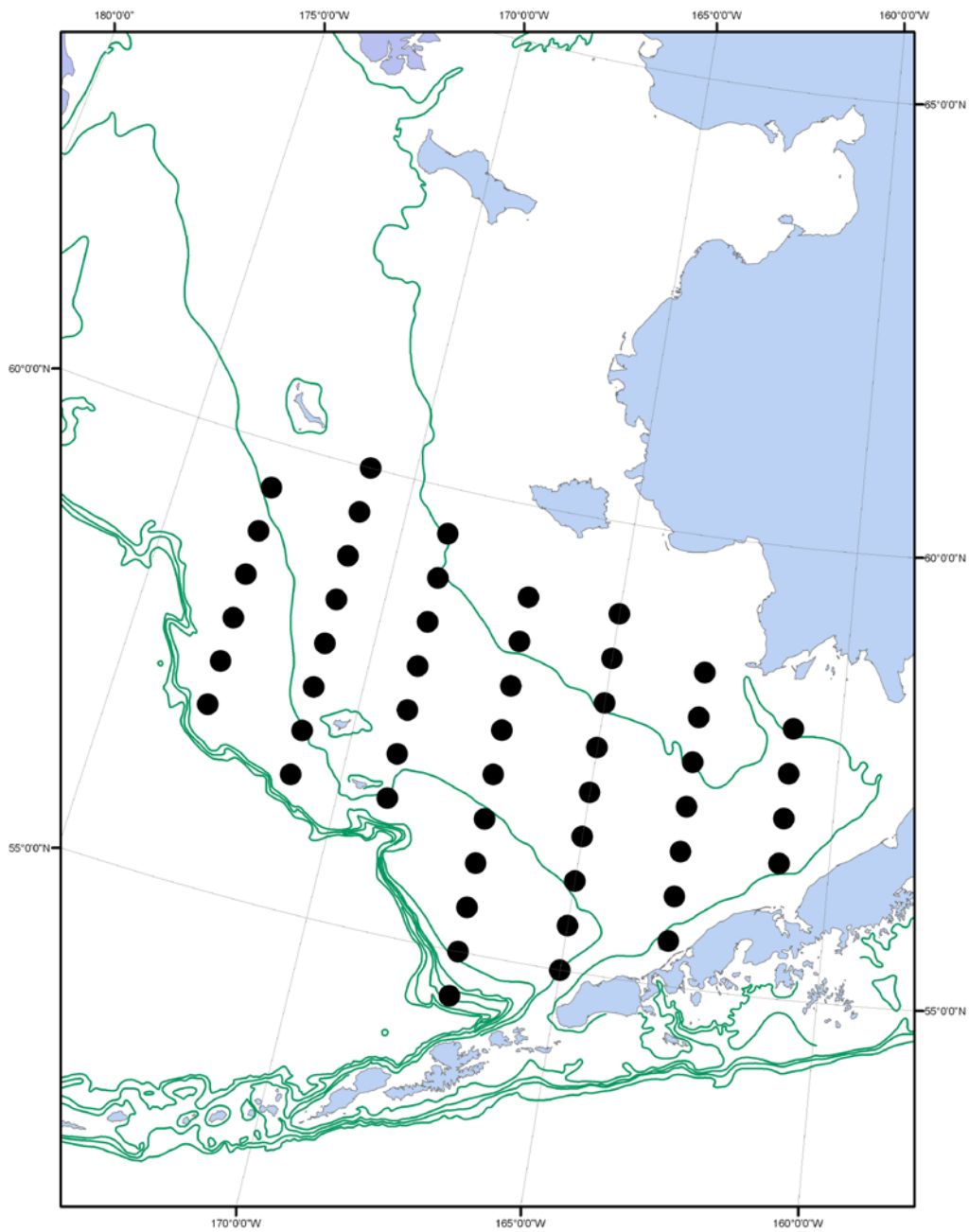


Figure 1. Proposed stations for the September 1 – 30, 2009 BASIS research cruise on the R/V *OSCAR DYSON*.