

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
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Juneau, AK 99801

Contract Period and Amount of Funding:

1 February 2008 to 31 December 2012
Match Only

Report Period:

1 April 2008 through 30 September 2008

Report Date:

29 September 2008

Lead Author of Report:

Ed Farley

Proposed timeline and milestones within report period:

- Plan 2008 Fall survey, including liaison with BSIERP data group; 2008
- 2008 Survey on Dyson; BASIS stations in Area 2 (Bristol Bay to Pribilof Islands); Sept 8 to 30, 2008

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:

- Spatial coverage along the eastern Bering Sea for the BASIS survey was severely reduced for the 2008 survey due to lack of funding (i.e. Surface tows for pelagic fish species were reduced from

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150 (BASIS 2002 to 2007) to 31 (BASIS 2008)). After discussions with the FISH group, sampling priority was placed on stations from Bristol Bay to the Pribilof Islands, south of 60N. Previous catches in this area by BASIS research cruises indicated that all target fish species would be captured in this region.

- The reduced survey did not address objectives related to northern (north of 60N) distribution of target fish species.
- Stations planned for the reduced 2008 survey were completed (31 surface trawls; 12 mid water trawls)

Lessons learned and project adjustments:

Integration activity: BASIS Metadata (2002 to 2007) (Fish, Physical Oceanography, Biological Oceanography) were provided to Ken Coyle.

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>
Station data delivery (lat, lon, number of fish caught, biological data for age 0 pollock, cod, etc)	Farley	Dec 2008	
Plan 2009 Fall survey, including liaison with BSIERP data group	Farley, Sigler, Clary, Horne, Heintz, Aydin	January 2009	Complete plan during May
2009 Survey; DY 2009	Farley, Eisner, Horne, Parker-Stetter	Tentative dates: Sept 1 to 30, 2009	