

EVOSTC PROJECT SEMI-ANNUAL REPORT

**All citations herein refer to the EVOSTC Procedures for the Preparation and Distribution of Reports ("Reporting Policy")*

As required by the Reporting Policy, recipients of funds from the *Exxon Valdez* Oil Spill Trustee Council must submit a semi-annual project report in the following format by **September 1** of each fiscal year for which project funding is received (with the exception of the final funding year in which a final report must be submitted). Please help ensure that continued support for your project will not be delayed by submitting your report by **September 1**.

Satisfactory review of this report is necessary for continuation of multi-year projects. Failure to submit this report by **September 1** of each year, or unsatisfactory review of a report, may result in withholding of additional project funds and may result in cancellation of the project or denial of funding for future projects. **PLEASE NOTE:** Significant changes in a project's objectives, methods, schedule, or budget require submittal of a new proposal that will be subject to the standard process of proposal submittal, technical review, and Trustee Council approval.

Form rev. 12.05.12.

- 1. Project Number: 12120111N**
- 2. Project Title: PWS Herring Program – Scales as growth history records.**
- 3. Principal Investigator(s) Name: Steve Moffitt; Team lead is Scott Pegau**
- 4. Time Period Covered by the Report** – For projects not in a Trustee Council funded-program, and for those within a Trustee Council-funded program, the semi-annual report will report on the prior six month's work. *See, Reporting Policy at III (C) (1) (d).* **1 February 2012 through 31 January 2013**
- 5. Date of Report: 15 February 2013**
- 6. Summary of Work Performed** – This brief summary shall describe work to be performed during the upcoming reporting period, including any results available to date and their relationship to the original project objectives. Any deviation from the original project objectives, procedures or statistical methods, study area, or schedule shall be included. Any known problems or unusual developments, and any other significant information pertinent to the project, shall also be described. *See, Reporting Policy at III (C) (1) (f).*

Created Excel database of all historical herring scale data and completed significant amount of editing (January 2012 to present).

Traveled to Juneau (November 2012) to meet with staff at Department of Fish and Game Mark-Tag-Age Laboratory.

- **Reviewed scale interpretive criteria,**
- **Reviewed procedures for use of Image Pro Analysis software for semi-automated measuring of scale annulus increments**

Set up process to make random selections of scales to image and measure by age, sex, collection season, and year.

Began scanning images of 30 scales for male and female fish of age 4, 5, and 6 collected in March, April, or May of each year. After reviewing the database collections, we have focused imaging to date on the age classes with 30 or more scales for each sex in the majority of the data collection years. Once these are finished, we can add additional scales to the collection.

Through 31 January, approximately 2,600 scales have been imaged (36 Gigabytes) from collections between 1999 and 2012.

- 7. Summary of Future Work to be Performed** – This brief summary shall describe work to be performed during the upcoming reporting period, if changed from the original proposal. A description of any proposed changes in project objectives, procedures or statistical methods, study area, or schedule shall be included. *See*, Reporting Policy at III (C) (1) (g).
 - **Image initial group of scales collected between 1973 and 1998.**
 - **Measure growth increments of all imaged scales.**
 - **Examine preliminary growth increment data to determine final sample size goals. The original proposal had this task completed earlier; however, we need to make changes to the Image Pro Analysis macro to efficiently collect the growth increment data.**
- 8. Coordination/Collaboration** – This section shall describe efforts undertaken during the reporting period to achieve the coordination and collaboration provisions of the proposal, if applicable. *See*, Reporting Policy at III (C) (1) (h).

Discussed ages to image and measure with program P.I. conducting the examination of age at first spawn.
- 9. Community Involvement/TEK and Resource Management Applications** - This section shall describe efforts undertaken during the reporting period to achieve the community involvement/TEK and resource management application provisions of the proposal, if applicable. *See*, Reporting Policy at III (C) (1) (i).
- 10. Information Transfer** – This section shall list (1) publications produced during the reporting period, (2) conference and workshop presentations and attendance during the reporting period, and (3) data and/or information products developed during the reporting period. *See*, Reporting Policy at III (C) (1) (j).
 - **Project outline presented by program lead at public meetings in Cordova and Anchorage.**
 - **Worked with NCEAS to provide legacy herring data sets.**
 - **Attended meeting of principle investigators in April 2012 (Cordova), November 2012 (Anchorage), and at the Alaska Marine Science Symposium (January 2013).**
- 11. Budget** – This section should provide a detailed accounting of the spending during the time period covered by the report and a comparison of the actual funds spent versus those originally requested. Any discrepancies should be clearly noted and a brief reason provided for the change. A column for actual expenditures should be added to the original budget spreadsheet that was submitted with your

proposal. An example is attached. Any new information regarding in-kind, matching funds or other funds from non-Trustee Council sources for the project shall be included. See, Reporting Policy at III (C) (1) (k).

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL			
ANNUAL PROGRAM REPORT YEAR 1			
Budget Category:	Proposed Year 1	Actual Year 1	TOTAL Difference
Personnel	\$58,800	\$19,800	\$39,000
Travel	\$1,100	\$2,200	(\$1,100)
Contractual	\$200		\$200
Commodities	\$4,000	\$7,700	(\$3,700)
Equipment	\$15,000	\$9,500	\$5,500
Indirect Costs (<i>will vary by proposer</i>)			\$0
SUBTOTAL	\$79,100	\$39,200	\$39,900
General Administration (9% of subtotal)	\$7,119	\$3,528	\$3,591
PROJECT TOTAL	\$86,219	\$42,728	\$43,491
Other Resources (Cost Share Funds)	\$0	\$0	\$0
COMMENTS:			
FY12	Program Title: HRM Scales as Growth History Records Team Leader: Moffitt		SUMMARY

We can accept your report as a digital file (Microsoft Word), with all figures and tables embedded. Acrobat Portable Document Format (PDF) files (version 4.x or later) are also acceptable; please do not lock PDF files or include digital signatures.

Please submit reports electronically in [ProjectView](#) or by email to catherine.boerner@alaska.gov. Also, please be sure to post your report on your own website, if you have one.



*We appreciate your prompt submission of your report
and thank you for your participation.*